, The Connection Between Sustainable Business Practices and Stock Prices

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**Abstract**

This study seeks to understand the connection between sustainable business practices and a company’s stock performance and profitability. Companies embrace sustainable practices for many reasons. The environmental, sustainable, and corporate governance (ESG) practices are increasingly important to investors. The belief that the more effort that is put into sustainability increases profit for stakeholders through these practices is considered. The end result shows that while overall the companies considered as the Most Responsible collectively provide similar returns as the Dow Jones Industrial average. However, when taken individually, the returns do vary greatly, mostly due to risk factors.

Keywords: Sustainable Analytics; Environmental, Social and Governance; Business Metrics

**Do sustainable business practices influence stock prices and profitability?**

While the first concern of any investor is to make profits, twenty-first century investors are also interested in making profits while investing in companies that share their concerns for environmental, social and corporate governance (ESG) and corporate social responsibilities (CSR). It is no longer just the metrics that measure the profitability of a business that are considered but the metrics that measure a businesses sustainability add to profitability that contributes to the true worth of that business. The consideration of ESG practice have increased in both business and academic practices (Evans, et al.,2017; Minatogawa, et al.,2019).

The interest in investment opportunities that consider sustainability is not only important to millennials who are entering the investment market, but a significant percentage of older investors are also considering the ESG and CSR practices of a business or fund before investing (Holger, 2020). Many investors are willing to invest in sustainable stocks but lack the understanding of what metrics or strategies should be employed to know if a company has a good ESG rating.

France became the first country in the world to require institutional investors to disclose climate change related reporting in 2015. According to the regulation, institutions are required to report how they integrate ESG factors into their investment policies. The institutions additionally must report how climate change considerations are incorporated into the investment decisions (Rust, 2016). Sweden and other countries are beginning to implement these types of regulations for their investment firms. This is a direct result of the concerns of the investors in climate change, ESG and CSR.

While the data is not standardized or readily available, there are different entities that have created their own sets of standards and reporting framework. The Global Reporting Initiative (GRI) and the Sustainability Accounting Standards Board (SASB) are two of the better-known organizations to do this.

Many diverse studies investigate the various metrics of how to rate a business and their ESG actions, but none have defined how the actions affect the profitability or stock processes (Amel-Zadeh, A., & Serafeim, G., 2017; Douglass, E., Holt, T. V., & Whelan, T., 2017). The primary purpose of a business is to maximize profits for its owners or stakeholders with the effect of investors requiring sustainable business practices being disclosed is the focus of this study.

# Review of Literature

Stakeholders are changing the way that businesses are looking at the environmental, social and governance (ESG). There is a greater demand for accountability concerns to expected environmental and societal responsibilities (Dubey, et al., 2018).

While several organizations review and rate corporate social responsibility (CSR) (Chatterji, Durand, Levine, & Touboul, 2014), there is not a lot of information regarding what effect the CSR has on profitability. Understanding which ESG data is relevant to investors varies from reporting agency and relevancy is contested by various studies (Amel-Zadeh, A., & Serafeim, G., 2017; Douglass, E., Holt, T. V., & Whelan, T., 2017). There are claims that sustainable business practices are not only good for a business’s image but also improve business results and can lower costs. The biggest reasons for analytics of sustainable practices stated are to “help manage and mitigate risks before they become headline news” and “a company has the hard data to show prospective business partners and customers that its sustainability practices are more than just talk” (Sustainable Amalytics: The three minute guide, n.d.). These types of statements lead investors to wonder if ESG practice reporting encourage real positive changes.

In 2002, the Sarbanes-Oxley Act was implemented to increase the accuracy of financial reporting for publicly owned companies. The Act aims to increase corporate governance and internal controls after companies like Enron, Tyco International and WorldCom were involved in financial scandal in the late 1990s and early 2000s (Petra & Loukatos, 2009). The act has successfully given investors more confidence due to increased internal controls which has led to less risk of falsified or manipulated financial statements (Petra & Loukatos, 2009). There is no established reporting to show CSR like Sarbanes-Oxley Act does for corporate governance.

In 1997, John Elkington wrote about what he called “The Triple Bottom Line of the 21st Century,” which were economic prosperity, environmental quality and social justice (Elkington, 1997). This idea has continued to grow in significance. Many organizations started to create their own sustainable reporting to show their investors that they were, in fact, working towards socially responsible business practices. However, because there are not established rules that businesses must follow, questions about how businesses are reporting information CSR and ESG practices cause investors to be wary. Without reporting standards, understanding how effective businesses are in sustainability practices can be difficult (Markus J. Milne & Gray, 2013).

Mr. Elkington speaks of the “Seven Revolutions for Sustainability” in his book (Elkington, 1997). The first revolution is the market. In a capitalist system, markets will always drive change. There has been increased challenges from the consumer and investment bases pushing businesses into being more accountable for their practices and actions. This is expected to grow into the foreseeable future. As a result, businesses are less able to use competition as a reason as to why they are not embracing the ESG practices (Elkington, 1997).

Societal values are changing which is changing the expectations of business (Elkington, 1997). While there is no expectation of every person on the planet maintaining the same value set, there can be an expectation of a “minimum set” of collective values (Elkington, 1997). Business leaders are learning that business for only economic value is no longer their only mission. The addition of social and ethical values needs to be considered and implemented into any planning, investing and production (Elkington, 1997). This is already being seen in various industries that have traditionally been less sustainable (Raut, 2019). Different countries have started to implement reporting and standards (Rust, S, 216; Muller, J & Voigt K-I, 2018). This shows the trend in community values towards sustainable business practices.

The concept of business transparency is not a new one regarding accounting practices (Petra & Loukatos, 2009). ESG reporting transparency will need to be increased as well. It is suggested that if companies who have continued to operate with little to no experience dealing with the new type of investor will find themselves in need of better reporting procedures. As investors begin to prioritize ESG practices, these companies will see a decrease in investment dollars (Markus J. Milne & Gray, 2013).

Ultimately, reporting of ESG falls to the corporate board. Corporate governance is key. Once business managers start to understand that profits are not the only item driving investors, other questions will need to be addressed. The biggest question should be What balance should be struck between environmental, societal and governance and the bottom line of a company (Elkington, 1997)?

Business model innovation (BMI) is key for a company to transition into sustainability (Geissdoerfer, M, etal., 2016; Evans, S., etal. 2017; Hu, H, etal. 2019, Morioka, S, etal., 2016; Minatogawa, V, etal., 2019; Muller, J & Daschle, S, 2018). Sustainable BMI becoming more prevalent but few consistent frameworks. Countries such as Germany and France have implemented laws and regulations concerning how businesses report their environmental practices (Rust, S, 216; Muller, J & Voigt K-I, 2018). Germany’s Industry 4.0 targets industrial manufacturing and describes the expectations for sustainable production while maintain global competitiveness (Müller & Däschle, 2018). France requires its institutional investors, including asset managers, insurance companies and pension and social security funds to report how they integrate ESG factor, making it the first country to mandate carbon reporting by investors (Rust, 2016). While these requirements affect different aspects of business, they do show a move towards corporate sustainable reporting.

Monetizing and reporting ESG and CSR results is vital to understanding how these practices affect a corporation’s bottom line. Much like Financial reporting, ESG reporting needs to be transparent, standardized, and credible (Douglass, Holt, & Whelan, 2017). In 2016, the Global Sustainable Investment Alliance released a report showing an increase of 32.7% in sustainable investing between 2014 and 2016 (2016 Global Sustainable Investment Review, 2016). This assertion is supported by other studies that show an increase in ESG data provided by entities such as Thomson Reuters, Bloomberg and Morgan Stanley Capital International (Amel-Zadeh & Serafeim, 2017) These efforts show the transparency of Small-Medium Enterprises (SME) by publishing sustainability reports in an effort to for these businesses to attract and maintain customers (Centre for Sustainability & Excellence, 2017). Lack of standardized reporting, company size bias, geographical bias, industry sector bias and inconsistencies between rating agencies, have created concerns over the true usability of the data (Amel-Zadeh & Serafeim, 2017; Doyle, T, 2018; Pinchot, A & Christianson, G., 2019).

The term “Conscious Capitalism” means that “capitalism can be a force both for economic and social good” (Schwartz, 2013). This can be summed up by the thought that businesses can conduct business for profit while contributing to society at a greater level than any other organizations. CEOs and other senior management need to have the ability to see beyond the quarterly results and expansion of business and see the affect changes in business practices can have on the society as a whole. The idea of firms of endearment was created by Raj Sisodia and is a collection of the most responsible 28 companies. Of these companies, 18 outperformed the S&P 500 index ten and a half times over (Schwartz, 2013).

**Rationale**

The purpose of the study is to understand the effects of ESG practices on stock pricing and investor profits. Previous studies have used data collected from reporting websites that include Bloomberg, Corporate Register, and the Global Initiative for Sustainable Ratings (GISR) to obtain ESG ratings (Hussain, N., etal., 2018; Bose, S. & Springsteel, A., 2017). The selection of companies has been done through the Global Reporting initiative, whose “mission is to enable organizations to be transparent and take responsibility for their impacts, enabled through the world’s most widely used standards for sustainability reporting” (GRI, n.d.). Other studies used the Newsweek “Green” Rankings as a source for the company selection (Wen, 2014). Newsweek publishes an annual report of the 500 largest publicly traded companies in both the United States and the world (Green Rankings, 2021). In the Hussain study, the authors broke out environmentally sensitive industries from the non-environmentally sensitive subjects for comparison (Hussain, Rigoni, & Cavezzali, 2018). This method more effectively gauges the effect by industry than the Dzomonda (Dzomonda & Fatoki, 2020). A more thorough study by sector will provide a better understanding of not just company performances, but also sector performance.

In the book “Firms of Endearment” (Rajendra Sisoda, 2014), 28 companies were selected as responsible companies and compared financially to the S&P 500. The purpose of that study was to show that these 28 companies would outgrow and outdistance themselves from the non-Firms of Endearment with higher Price to Earnings ratios. In addition to the P/e, the Beat, which is a measure of risk or volatility of a stock, was measured. The P/E was measured as, cumulatively, more than ten times greater performance over a fifteen-year timeframe. The Beta was shown to be slightly higher with the FOE stock than the S&P. This is not considered a bad measure as companies with higher risks often provide greater returns (Rajendra Sisoda, 2014). While the “Firms of Endearment” study does show results that prove the theory that companies with more responsible practices can provide better results, the purpose of this study will be to show a larger selection of companies and compare them to the Dow Jones Industrial Average (DJIA).

While there are studies that seek to determine the effect of specific ESG practices and which ones have the greatest effect on profits (Hussain, N., etal., 2018), studies on the effect in specific and general sectors (Bose, S. & Springsteel, A., 2017) and studies done in foreign markets (Dzomonda & Fatoki, 2020), there is little literature which examines profits of corporations on the S&P 500 against those that Newsweek considered to be highly rated in sustainable business practices in the United States. This study will aim to add to the literature by examining the nine metrics referenced by Matt Frankel, a Certified Financial Planner who writes for the investment website Motley Fool, to compare and determine whether sustainable business practices contribute to stock prices and profitability (Frankel, 2018).

**Methodology**

The collection of data came from several sources. As stated, there are many different entities that provide information about the most sustainable or responsible corporations. Many of these organizations have specific goal and criteria. The choice of companies to use came down to the Most Responsible Companies as listed in Newsweek (Green Rankings, 2021). Newsweek rates publicly traded corporations by their environmental, societal, and corporate governance scores to gather the top 399 companies that are their most responsible corporations. HP is the most responsible with an average rating of 93.2 out of 100. The list of these corporations were entered into an Excel worksheet and uploaded into a Microsoft SQL Server Management Studio (SSMS) database. In order to pull the stock price data, a list of stock tickers was downloaded into SSMS. These two datasets were joined to produce a list of companies with stock tickers (see Appendix A, Table 1). The stock tickers were processed through R-Studio using a packaged called Quantitative Financial Modeling Framework, or “quantmod”. The quantmod package is used to retrieve various financial data that will assist stick traders to analyze various statistical data of corporations (Ulrich, 2020). In this study, quantmod was used to pull stock ticker results between January 1, 2015 and January 1, 2021. Companies that were not openly traded for the entire timeframe were not used. This was to not cause fluctuations in the averages. Additional tickers were dismissed for incomplete data or other issues with attaining the complete ticker information for the entire time frame. The result was 141 companies for the initial Newsweek list (se Appendix A, Table 2).

The information that these companies were to be compared to was initially going to be the S&P 500 and the DIJA. However, upon reviewing these two indices, it was determined that in order to have a fair comparison, a selection of stocks would need to be done. The DJIA and S&P 500 both use weighted average calculations to prevent fluctuations with companies leaving and entering the index. Stocks with higher share prices are given greater weight within the indices. The DJIA uses was is called the “Dow divisor”, which is adjusted continually to smooth out occurrences such as stock splits, dividends and other financial instances that could cause distortions in the day-to-day index (Hall, 2021). The S&P 500 uses a similar system, weighting the stocks slightly different. For this study, the information from the current DIJA was used. There are 30 stock tickers in the DJIA. One was not used because it was not traded for the entire duration of the study timeframe (see Appendix A, Table 3).

Once the two lists of stocks were determined, R-Studio with the quantmod package was used to retrieve the ticker data between January 1, 2015 through January 1, 2021 for all companies. This can be done with the following code snippet:

library(quantmod)

getSymbols("AAPL", from = '2017-01-01',  
 to = "2018-03-01",warnings = FALSE,  
 auto.assign = TRUE)

This will pull the information for the stock ticker AAPL, which is the symbol for Apple, Inc. Multiple tickers can be retrieved at one time, but Yahoo Financials can stall and not retrieve more than 12 at a time due to bandwidth slowness. The stock prices were then converted to csv format with the code snippet “write.csv(AAPL, file= "aapl2.csv") ”. These csv’s were saved. Further data cleansing included aligning the company ticker into the table and combining the tables into two master sheets of all the company’s data. The days are numbered 1 through 1511 to represent all the days included in the five-year time span.

Once these csv’s were compiled, they were uploaded into SSMS for further manipulation. The stocks were joined two ways to observe any differences. The first method was to join the averages of the stocks price and volumes and a cumulative change for each day (see APPENDIX B, Table 5). The next join used the SUM of the stocks (see APPENDIX B, Table 4). This was done for both the Most Responsible and the DIJA. These results were export to Excel to be reviewed.

In Excel, the average change for both datasets was calculated along with the percent increase from the opening stock prices on 1/1/2015 through 1/1/2021. This was done by dividing the opening of 1/1/2015 by the closing of 1/1/2021.

One final test was done run to select the lowest and highest priced stock lists and compare that to the DIJA. The purpose of this was to find out if the lower priced stock did as well as the higher priced stocks comparatively to the DIJA. The bottom 15 and top 15 stock by price were selected.

**Results**

The object of this project was to review the stock prices for a five-year period comparing the companies listed on Newsweek’s Most Responsible companies list to the Dow Jones Industrial Average 30 list. As an overall group, the selection of the 141 most responsible companies did outperform the DIJA by .3% over the five-year timeframe, 54.93% increase in price for the most responsible to 54.63% increase in price for the DIJA.

When comparing the top fifteen stocks to the bottom fifteen stock in terms of stock price, there is a large disparity in results. The top 15 stocks returned 184.30% increase in stock prices. The bottom 15 returned -59.69%. The bottom 15 stocks went down in price over the 5-year time bracket.

**Discussion**

If an investment bank were to take the 142 companies selected for this study and create a stock market mutual fund, it would perform at the same level as the DIJA. This is suspected to be the result of diversification across multiple sectors. This diversification has allowed the collection of companies to return profits when there has been downturn in the markets. There will be less volatility with a wider spectrum of beta levels, with some stocks being very stable and others much less so.

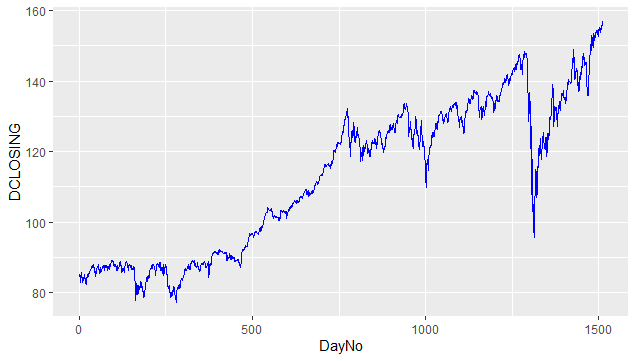


Figure DIJA AVG CLOSING

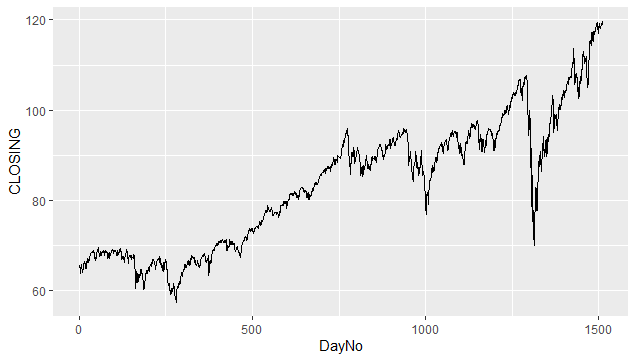


Figure MRC AVG CLOSING

Figures 1 and 2 show how similar the return averages were for each collections of stocks. The major dip around Day No 1300 is the affect that the Coronavirus quarantines had on the stock market in general. Both collections of stocks rebounded similarly, along similar trajectories. The average ticker was at its’ high on day 1301 for the Most Responsible Companies at 97.91 and for the DIJA at 133.18. Just 14 trading days later, the stocks dropped to 68.69 for the Responsible and 95.70 for the DIJA. The stock prices had not been that low since trading day 526 or for 789 trading day. The recovery was much quicker taking only 58 trading days to recover to the previous high. While there were some fall backs, in general, the stocks rebounded and continued to increase.

The surprising numbers were the loss for the bottom 15 stocks. Figures 3 and 4 represent the five-year average ticker prices for top fifteen companies and the bottom fifteen, respectively. In comparing the two charts of the top and bottom 15 companies on the Most Responsible list, it is easy to see that the bottom 15 companies have trended downward from very early in the five-year timespan, where is the same timeframe, the top15 companies have been on an upward trend, much like the DIJA and the overall Most responsible Companies list.

Looking at the makeup of the two lists represented in figures 5 and 6, the top 15 is driven primarily by the five Health Care & Life Service and three Software and Telecommunications sectors businesses. The bottom 15 contains no businesses from these two sectors, instead having three companies each from the Energy and utilities and Real Estate & Housing sectors, as well as two companies from the Automotive & Components sector. This is explained when looking at the past five-year performances by sector. The energy sector has returned a loss of 25.4%. Information technology has shown an increase of 247.98% over the same five years. These numbers are reflected in the two return averages. There is some diversity of sectors in both groupings, but not to the level of the larger group of the Most Responsible Companies in total.

The difference would likely be the betas. With the lower priced stocks, the risk is generally higher, where a company like MTD, the second highest price stock on the list, has a beta on 1.02 over the last 5 years, which is very low, compared to Kosmos Energy, the lowest priced stock, has a 3.80 beta, which makes it a very risky and volatile stock. Kosmos Energy opened on 1/1/20156 at $8.32 per share and closed on 12/31/2020 at $2.35 while MTD opened at $303.20 and closed at 1139.68 over the same time period. That results in a loss for Kosmos of 254.04% and a gain of 275.88% for MTD.These are he extreme examples that are played out throughout the list.

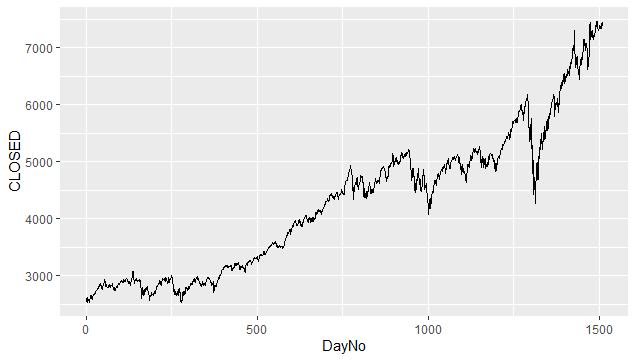


Figure TOP15 MRC AVG TICKERS

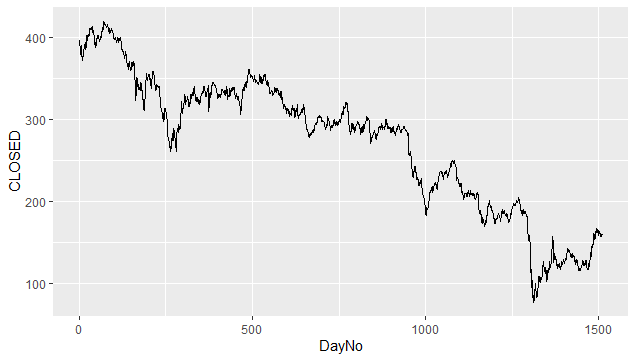


Figure BOTTOM15 MRC AVG TICKERS



Figure TOP 5 MRC



Figure BOTTOM 5 MRC

**Conclusion**

The purpose of the study was to prove that just because a corporation is listed as a responsible company, does not mean that the stock prices will outperform that of the Dow Jones industrial Average. This was accomplished. There are several examples in the data that can prove this. However, as a collective fund, the 142 corporations that were used in this project did perform at a marginally higher rate. When broken out into the top and bottom corporations by stock price, it was clear that the top companies outperformed the DIJA, 184.30% to 54.63%. While this is not the 10 time over that was purported in other studies (Rajendra Sisoda, 2014), it is still a significant result. Selecting a portfolio of companies that are practicing good CSR policies that will return a solid profit for any level of investor should not be a difficult task. An investor needs to do the proper due diligence whenever selecting stocks to invest in. The nine metrics as described by Matthew Frankel, price to earnings ratio, price to sales ratio, price to earnings growth ratio, debt to equity ratio, payout ratio, the beta, return on equity, free cash flow and price to book all tell a deeper story and need to be considered (Frankel, 2018).

When looked at using the principles of corporate social responsibility, the investment in all of these responsible companies makes sense for an investor who cares about responsible environmental, social and corporate governance practices. Conducting business socially and environmentally responsibly all while adhering to proper corporate governance is the proper way. With a return very similar to that of the DIJA 30 and the added knowledge of these corporations doing business the way that they should, it makes sense to invest in these businesses.

The traditional bottom line of a business has always been about making a profit for the shareholders. This is being challenged by investors, novice and seasoned both, who are concerned about their investments being used for more environmental, societal oriented companies who also have solid corporate governance. The concern is as much about the profits as the triple bottom line of corporate responsibility (Elkington, 1997). Companies can return profits for their shareholders as well as be good neighbors.

Further research would include the review of how sectors play into both the CSR ratings and stock pricing. The connection between the sector and how a company rates as a responsible company can help an investor to narrow the field of potential investment opportunities. Simply because a company is left off a list of socially responsible companies does not mean that it is not trying to improve its’ ratings. Looking at sectors that are performing well in responsible areas, like Software & Technology, might show a smaller company that is a good investment opportunity that has not made it to one of the many listings, but shows responsible corporate behavior.

Another study could review if how a company ranks on the list affects the profitability. A look at how a company performed prior to adapting these CSR and ESG policies and compare it to haw the company is performing after will show the effect on profitability that a company might expect. Simply because the company is ranked higher does not mean it will be more profitable.

One final thought on this project, companies that are doing the right thing by the environment, society and the world deserve support. This is the underlying theme to this project. If it came down to the selection of two companies of which to invest in, it makes sense for all involved to invest in the one doing the right things. Let the market sort out the “good” from the “bad” companies.

# References

*2016 Global Sustainable Investment Review.* (2016). doi:http://www.gsi-alliance.org/wp-content/uploads/2017/03/GSIR\_Review2016.F.pdf

Amel-Zadeh, A., & Serafeim, G. (2017). Why and How Investors Use ESG Information: Evidence from a Global Survey . *Harvard Business School, 17*(079). Retrieved February 1, 2021, from http://nrs.harvard.edu/urn-3:HUL.InstRepos:30838135

Borrego, B. (2018, May 10). *PURPOSE-DRIVEN PROFIT: EVALUATING THE RELATIONSHIP BETWEEN CONSCIOUS CAPITALIST EFFORTS AND FINANCIAL PERFORMANCE IN PURPOSE-DRIVEN ORGANOZATIONS.* Retrieved June 23, 2021, from The University of Texas - Austin: https://repositories.lib.utexas.edu/bitstream/handle/2152/65236/borregobentley\_Purpose-Driven%20Profit\_2018.pdf?sequence=2&isAllowed=y

Bose, S., & Springsteel, A. (2017). The Value and Current Limitations of ESG Data for the Security Sector. *Journal of Environmental Investing, 8*(1). Retrieved February 6, 2021, from https://cbey.yale.edu/sites/default/files/The%20Value%20and%20Current%20Limitations%20of%20ESG%20Data%20for%20the%20Security%20Selector.pdf

Centre for Sustainability & Excellence. (2017). *Sustainability Reporting Trends in North America.* Retrieved January 24, 2021, from Centre for Sustainability & Excellence: https://www.cse-net.org/wp-content/uploads/documents/Sustainability-Reporting-Trends-in-North%20America%20\_RS.pdf

Chatterji, A., Durand, R., Levine, D., & Touboul, S. (2014, October). Do Ratings of Firms Converge? Implications for Managers, Investors and Strategy Researchers. Retrieved January 24, 20201, from https://poseidon01.ssrn.com/delivery.php?ID=9060031100810940000910690650840930660600780930380880051180661210660060720950161250650180541251210481000340981031260990830930730470190270540101190201071020820120310700810000920980031260720710031091081220001111220

Douglass, E., Holt, T. V., & Whelan, T. (2017). Responsible Investing: Guide to ESG Data Providers and Relevant Trends. *Journal of Envioronemntal Investing, 8*(1). Retrieved January 24, 2021, from https://cbey.yale.edu/sites/default/files/Responsible%20Investing%20-%20Guide%20to%20ESG%20Data%20Providers%20and%20Relevant%20Trends.pdf

Doyle, T. M. (2018). *Ratings That Don't Rate: The Subjective World of ESG Ratings Agencies.* Retrieved February 6, 2021, from American Council for Capital Formation: https://accfcorpgov.org/wp-content/uploads/2018/07/ACCF\_RatingsESGReport.pdf

Dubey, R., Gunasekaran, A., Childe, S. J., Luo, Z., Wamba, S. F., Roubaud, D., & Foropon, C. (2018, June). Examining the role of big data and predictive analytics on collaborative performance in context to sustainable consumption and production behavior. *Journal of Cleaner Production*(196), 1508-1521. doi:https://doi.org/10.1016/j.jclepro.2018.06.097

Dzomonda, O., & Fatoki, O. (2020, October 15). Environmental Sustainability Commitment and Financial Performance of Firms Listed on the Johannesburg Stock Exchange. *International Journal of Environmental Research and Public Health, 17*(7504). doi:10.3390/ijerph17207504

Elkington, J. (1997). *Cannibals with forks: The triple bottom line of 21st century business.* Oxford: Capsotne Publiching.

Evans, S., Vladimirova, D., Holgado, M., Fossen, K. V., Yang, M., Silva, E. A., & Barlow, C. Y. (2017, April 5). Business Model Innovation for Sustainability: Towards a Unified Perspective for Creation of Sustainable Business Models. *Business Strategy and the Environment, 26*(5), 597-608. doi:https://doi.org/10.1002/bse.1939

Frankel, M. (2018, March 21). *9 Essential Metrics All Smart Investors Should Know.* Retrieved February 6, 2021, from Motley Fool: https://www.fool.com/investing/2018/03/21/9-essential-metrics-all-smart-investors-should-kno.aspx

*Green Rankings*. (2021, February 6). Retrieved February 6, 2021, from Newsweek: https://www.newsweek.com/greenrankings

Hall, M. (2021, March 19). *What does the Dow Jones Industrial Average measure?* Retrieved from Investopedia: https://www.investopedia.com/ask/answers/050115/what-does-dow-jones-industrial-average-measure.asp

Holger, D. (2020, March 16). *Financial Advisers Turn to ESG, Warily*. Retrieved February 3, 2021, from Wall Street Journal: https://www.wsj.com/articles/financial-advisers-turn-to-esg-warily-11584217002?mod=searchresults\_pos5&page=1

Hussain, N., Rigoni, U., & Cavezzali, E. (2018, May 23). Does it pay to be sustainable? Looking inside the black box of the relationship between sustainability performance and financial performance. *Corporate Social Responsibility and Environmental Management*. doi:https://doi.org/10.1002/csr.1631

J.M. Muller, S. (n.d.). Business Model Innovation of Industry 4.0 Solution. *Processes, 6*(260). doi:10.3390/pr6120260

Markus J. Milne, & Gray, R. (2013). W(h)ither Ecology? The Triple Bottom Line, the GlobalReporting Initiative, and Corporate Sustainability Reporting. *J Bus Ethics, 118*, 13-29. doi:10.1007/s10551-012-1543-8

Minatogawa, V. L., Franco, M. M., Rampasso, I. S., Anholon, R., Quadros, R., Duran, O., & Batocchio, A. (2019, Decmber 30). Operationalizing Business Model Innovation through. *Sustainability, 12*(1). doi:10.3390/su12010277

Müller, J. M., & Däschle, S. (2018, December 6). Business Model Innovation of Industry 4.0 Solution. *Processes, 6*(260). doi:10.3390/pr6120260

Petra, S. T., & Loukatos, G. (2009). The Sarbanes-Oxley Act of 2002: a five-year retrospective. *Corporate Governance, 9*(2), 120-132. doi:10.1108/14720700910946578

Pinchot, A. C., & Christianson, G. (2019, Aoril 17). *What investors actually want from sustainability data.* Retrieved January 31, 2021, from Green Biz: https://www.greenbiz.com/article/what-investors-actually-want-sustainability-data

Rajendra Sisoda, J. N. (2014). *Firms of Endearment: How World-Class Companies Profit from Passion and Purpose, Second Edition.* Pearson Publishing. Retrieved August 1, 2021, from https://learning-oreilly-com.ezproxy2.apus.edu/library/view/firms-of-endearment/9780133382631/

Raut, R. M. (2019). Linking big data analytics and operational sustainability practices for sustainable business management. *Journal of Cleaner Production, 224*, 10-24. doi:https://doi.org/10.1016/j.jclepro.2019.03.181

Rust, S. (2016, February 11). *France aims high with first-ever investor climate-reporting law*. Retrieved January 21, 2021, from IPE Magazine: https://www.ipe.com/france-aims-high-with-first-ever-investor-climate-reporting-law/10011722.article

Schwartz, T. (2013). Companies that Practice "Consciious Capitalism" Perform 10X Better. *Harvard Business Review*. Retrieved August 1, 2021, from https://hbsp.harvard.edu/download?url=%2Fcollections%2F721937%2Fitems%2FH00AFA-PDF-ENG%2Fcontent&metadata=e30%3D

*Sustainable Analytics: The three minute guide*. (n.d.). Retrieved January 24, 2021, from Deloitte: https://www2.deloitte.com/content/dam/Deloitte/global/Documents/Deloitte-Analytics/dttl-analytics-us-ba-sustainability3minguide.pdf

Ulrich, J. M. (2020, December 9). *Package 'quantmod'*. Retrieved August 1, 2021, from Cran-R Project: https://cran.r-project.org/web/packages/quantmod/quantmod.pdf

Wen, J. (2014). A Business Analytics Approach to Corporate. *University of Pennsylvania Master of Environmental Studies Capstone, 62*. Retrieved January 31, 2021 , from http://repository.upnn.edu/mes\_capstones/62

**Appendix A**

Stock Ticker Tables

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Company | Symbol | State | Industry | Score | Environmental Score | Social Score | Corporate Governance |
| 1 | HP | HPQ | Delaware | Technology Hardware | 93.2 | 95.9 | 92.4 | 91.4 |
| 2 | NVIDIA | NVDA | California | Technology Hardware | 92.7 | 94.7 | 87.6 | 95.9 |
| 3 | Microsoft | MSFT | Washington | Software & Telecommunications | 91.9 | 91.8 | 88.3 | 95.7 |
| 4 | Cisco Systems | CSCO | California | Technology Hardware | 91.7 | 97.3 | 79.1 | 98.9 |
| 5 | Qualcomm | QCOM | California | Technology Hardware | 91.5 | 89.5 | 85.2 | 100 |
| 6 | General Mills | GIS | Minnesota | Consumer Goods | 91.3 | 89.1 | 98.8 | 86.2 |
| 7 | Whirlpool | WHR | Michigan | Consumer Goods | 91.3 | 92.7 | 89.8 | 91.4 |
| 8 | Illumina | ILMN | California | Health Care & Life Sciences | 90.9 | 95.5 | 88 | 89.4 |
| 9 | Citigroup | C | New York | Financial | 89.5 | 93.4 | 86.4 | 88.8 |
| 10 | Dell Technologies | DEL | Texas | Technology Hardware | 89.4 | 98.9 | 78.1 | 91.1 |
| 11 | Lam Research | LRCX | California | Technology Hardware | 88.8 | 91.3 | 82.3 | 92.8 |
| 12 | General Motors | GM | Michigan | Automotive & Components | 88.7 | 92.2 | 94.2 | 79.9 |
| 13 | American Express | AXP | New York | Financial | 88.5 | 97.6 | 83.5 | 84.4 |
| 14 | Nielsen | NLSN | New York | Professional Services | 88.4 | 90.3 | 88 | 87.1 |
| 15 | Mettler-Toledo International | MTD | Ohio | Technology Hardware | 88.3 | 99.5 | 83.3 | 82.1 |
| 16 | MetLife | MET | New York | Financial | 88.2 | 97.4 | 80.8 | 86.4 |
| 17 | Merck & Co | MRK | New Jersey | Health Care & Life Sciences | 88.1 | 88.5 | 82.2 | 93.5 |
| 18 | International Flavors & Fragrances | IFF | New York | Materials | 88 | 88.4 | 85.7 | 89.8 |
| 19 | Waters | WAT | Massachusetts | Health Care & Life Sciences | 87.7 | 100 | 81.4 | 81.8 |
| 20 | Intel | INTC | California | Technology Hardware | 87.4 | 82.9 | 85.6 | 93.8 |
| 21 | Applied Materials | AMAT | California | Technology Hardware | 87.3 | 89.3 | 85.5 | 87.1 |
| 22 | Best Buy | BBY | Minnesota | Retail | 87.3 | 90.7 | 86.9 | 84.3 |
| 23 | Procter & Gamble | PG | Ohio | Consumer Goods | 87.1 | 91.3 | 82.9 | 87.3 |
| 24 | Cummins | CMI | Indiana | Automotive & Components | 86.7 | 86.1 | 85.6 | 88.5 |
| 25 | Abbott Laboratories | ABT | Illinois | Health Care & Life Sciences | 86.4 | 86.2 | 88.4 | 84.8 |
| 26 | Cigna | CI | Connecticut | Health Care & Life Sciences | 86.4 | 81.2 | 83.4 | 94.7 |
| 27 | Xylem | XYL | New York | Capital Goods | 86.3 | 90.7 | 75.1 | 93.1 |
| 28 | Target | TGT | Minnesota | Retail | 86.2 | 79.9 | 88.4 | 90.3 |
| 29 | Tyson Foods | TSN | Arkansas | Consumer Goods | 86.1 | 84.2 | 89.1 | 85.2 |
| 30 | Baxter International | BAX | Illinois | Health Care & Life Sciences | 86.1 | 91.4 | 88.8 | 78.1 |
| 31 | Salesforce.Com | CRM | California | Software & Telecommunications | 86.1 | 78.7 | 87.6 | 91.9 |
| 32 | Jones Lang LaSalle | JLL | Illinois | Real Estate & Housing | 86 | 96.4 | 88.9 | 72.7 |
| 33 | Clorox | CLX | California | Consumer Goods | 86 | 85.1 | 83 | 89.9 |
| 34 | Hewlett Packard Enterprise | HPE | California | Technology Hardware | 85.9 | 77.9 | 91.5 | 88.5 |
| 35 | Varian Medical Systems | VAR | California | Health Care & Life Sciences | 85.8 | 83 | 88.6 | 86 |
| 36 | BorgWarner | BWA | Michigan | Automotive & Components | 85.8 | 82 | 82.7 | 92.7 |
| 37 | Prudential Financial | PRU | New Jersey | Financial | 85.7 | 97.7 | 81.9 | 77.7 |
| 38 | ON Semiconductor | ON | Arizona | Technology Hardware | 85.7 | 83.1 | 82.5 | 91.5 |
| 39 | Visa | V | California | Financial | 85.4 | 87.1 | 79.4 | 89.8 |
| 40 | Micron Technology | MU | Idaho | Technology Hardware | 85.4 | 79.5 | 90.6 | 86.2 |
| 41 | Emerson Electric | EMR | Missouri | Capital Goods | 85.4 | 78.1 | 86 | 92.1 |
| 42 | Ecolab | ECL | Minnesota | Materials | 85.1 | 75.4 | 96.6 | 83.4 |
| 43 | 3M | MMM | Minnesota | Capital Goods | 85.1 | 82.6 | 91.2 | 81.7 |
| 44 | Apple | AAPL | California | Technology Hardware | 85 | 97.5 | 71.3 | 86.4 |
| 45 | Keurig Dr Pepper | KDP | Texas | Consumer Goods | 84.8 | 94.9 | 75 | 84.6 |
| 46 | Becton Dickinson | BDX | New Jersey | Health Care & Life Sciences | 84.6 | 88.8 | 90 | 75 |
| 47 | FedEx | FDX | Tennessee | Travel, Transport & Logistics | 84.6 | 73.1 | 93.4 | 87.1 |
| 48 | Host Hotels & Resorts | HST | Maryland | Real Estate & Housing | 84.3 | 87.5 | 82.2 | 83.1 |
| 49 | Universal Display | OLED | New Jersey | Technology Hardware | 84.1 | 79.9 | 88.9 | 83.7 |
| 50 | Dick’s Sporting Goods | DKS | Pennsylvania | Retail | 84 | 82.9 | 84.5 | 84.7 |
| 51 | Comerica | CMA | Michigan | Financial | 84 | 89.7 | 87.2 | 75.1 |
| 52 | Kroger | KR | Ohio | Retail | 83.9 | 80 | 81.8 | 89.9 |
| 53 | Trinseo | TSE | Pennsylvania | Materials | 83.9 | 81.7 | 81.7 | 88.4 |
| 54 | CSX | CSX | Florida | Travel, Transport & Logistics | 83.9 | 75.5 | 88.6 | 87.6 |
| 55 | Maxim Integrated Products | MXIM | California | Technology Hardware | 83.8 | 82 | 78.6 | 90.9 |
| 56 | Boston Properties | BXP | Massachusetts | Real Estate & Housing | 83.8 | 87.5 | 82.4 | 81.6 |
| 57 | Regeneron Pharmaceuticals | REGN | New York | Health Care & Life Sciences | 83.7 | 91.8 | 95.8 | 63.5 |
| 58 | Campbell Soup | CPB | New Jersey | Consumer Goods | 83.6 | 75.2 | 92.7 | 83 |
| 59 | S&P Global | SPGI | New York | Financial | 83.6 | 78.6 | 87.6 | 84.7 |
| 60 | State Street | STT | Massachusetts | Financial | 83.6 | 91.2 | 86.5 | 73.1 |
| 61 | Edwards Lifesciences | EW | California | Health Care & Life Sciences | 83.5 | 67.9 | 84.5 | 98.2 |
| 62 | Boston Scientific | BSX | Massachusetts | Health Care & Life Sciences | 83.5 | 80.7 | 84 | 85.8 |
| 63 | Agilent Technologies | A | California | Health Care & Life Sciences | 83.5 | 85.8 | 76.3 | 88.4 |
| 64 | Vmware | VMW | California | Software & Telecommunications | 83.4 | 91.9 | 70.7 | 87.7 |
| 65 | Ball Corp | BLL | Colorado | Materials | 83.2 | 87.9 | 84.9 | 76.9 |
| 66 | Huntington Bancshares | HBAN | Ohio | Financial | 83 | 83.6 | 88 | 77.5 |
| 67 | Newmont Gold | NEM | Colorado | Materials | 83 | 64 | 98.5 | 86.5 |
| 68 | Amgen | AMGN | California | Health Care & Life Sciences | 82.9 | 87.2 | 88.2 | 73.5 |
| 69 | Welltower | WELL | Ohio | Real Estate & Housing | 82.9 | 89.6 | 79.9 | 79.3 |
| 70 | Kimberly-Clark | KMB | Texas | Consumer Goods | 82.8 | 73 | 93.2 | 82.2 |
| 71 | PVH | PVH | New York | Consumer Goods | 82.8 | 89.8 | 76 | 82.7 |
| 72 | Eversource Energy | ES | Massachusetts | Energy & Utilities | 82.7 | 75.7 | 91.6 | 80.9 |
| 73 | Mastercard | MA | New York | Financial | 82.7 | 82.2 | 74.4 | 91.6 |
| 74 | Analog Devices | ADI | Massachusetts | Technology Hardware | 82.6 | 84.5 | 80.6 | 82.8 |
| 75 | American Water Works Company | AWK | New Jersey | Energy & Utilities | 82.5 | 66.2 | 96.1 | 85.3 |
| 76 | Guess? | GES | California | Retail | 82.3 | 89.1 | 74.2 | 83.6 |
| 77 | Omnicom Group | OMC | New York | Professional Services | 82 | 67.5 | 87.9 | 90.5 |
| 78 | Keysight Technologies | KEYS | California | Technology Hardware | 81.9 | 75.4 | 82.8 | 87.5 |
| 79 | Western Digital | WDC | California | Technology Hardware | 81.8 | 78.9 | 89.2 | 77.5 |
| 80 | Kilroy Realty | KRC | California | Real Estate & Housing | 81.7 | 89.9 | 71.7 | 83.7 |
| 81 | Iron Mountain | IRM | Massachusetts | Software & Telecommunications | 81.7 | 88.1 | 80.3 | 76.8 |
| 82 | Church & Dwight | CHD | New Jersey | Consumer Goods | 81.6 | 87.8 | 77.3 | 79.8 |
| 83 | Aptargroup | ATR | Illinois | Materials | 81.6 | 81.4 | 81.8 | 81.7 |
| 84 | Lowe’s Companies | LOW | North Carolina | Retail | 81.5 | 76.7 | 86.2 | 81.7 |
| 85 | Air Products and Chemicals | APD | Pennsylvania | Materials | 81.5 | 65.5 | 88.7 | 90.3 |
| 86 | Jabil | JBL | Florida | Technology Hardware | 81.5 | 82.8 | 77 | 84.6 |
| 87 | Biogen | BIIB | Massachusetts | Health Care & Life Sciences | 81.4 | 77.6 | 78.6 | 88.1 |
| 88 | Gap | GPS | California | Retail | 81.4 | 74.9 | 80.3 | 89.1 |
| 89 | United Parcel Service | UPS | Georgia | Travel, Transport & Logistics | 81.4 | 80.2 | 91 | 72.9 |
| 90 | PayPal Holdings | PYPL | California | Financial | 81.3 | 70.2 | 85.2 | 88.6 |
| 91 | Texas Instruments | TXN | Texas | Technology Hardware | 81.3 | 75.3 | 88.4 | 80.2 |
| 92 | Xilinx | XLNX | California | Technology Hardware | 80.9 | 81 | 77.1 | 84.8 |
| 93 | Xerox | XRX | Connecticut | Technology Hardware | 80.9 | 86.9 | 86 | 69.8 |
| 94 | Motorola Solutions | MSI | Illinois | Technology Hardware | 80.8 | 88.9 | 69.8 | 83.9 |
| 95 | Marriott International | NAR | Maryland | Travel, Transport & Logistics | 80.7 | 65.8 | 90.9 | 85.5 |
| 96 | Polaris Inc. | PII | Minnesota | Automotive & Components | 80.7 | 65.1 | 85.7 | 91.2 |
| 97 | PPL | PPL | Pennsylvania | Energy & Utilities | 80.6 | 67.9 | 96.2 | 77.6 |
| 98 | AT&T | T | Texas | Software & Telecommunications | 80.5 | 86.2 | 90.3 | 65.1 |
| 99 | Kimco Realty | KIM | New York | Real Estate & Housing | 80.1 | 78.3 | 88 | 74 |
| 100 | PNC Financial Services Group | PNC | Pennsylvania | Financial | 79.9 | 82.7 | 82.9 | 74.2 |
| 101 | Molson Coors Brewing | TAP | Illinois | Consumer Goods | 79.9 | 74.3 | 83.5 | 81.9 |
| 102 | Schlumberger NV | SLB | Texas | Energy & Utilities | 79.8 | 76.4 | 80.9 | 82.2 |
| 103 | Goldman Sachs Group | GS | New York | Financial | 79.8 | 94 | 70 | 75.4 |
| 104 | Caesars Entertainment | CZR | Nevada | Entertainment, Leisure & Dining | 79.7 | 78.1 | 83.8 | 77.3 |
| 105 | NortonLifeLock | NLOK | Arizona | Software & Telecommunications | 79.6 | 81.5 | 84.3 | 73 |
| 106 | Resmed | RMD | California | Health Care & Life Sciences | 79.5 | 72.1 | 86.6 | 80 |
| 107 | Lincoln Financial Group | LNC | Pennsylvania | Financial | 79.3 | 95 | 80.2 | 62.8 |
| 108 | Moody’s | MCO | New York | Financial | 79.2 | 71.6 | 77.8 | 88.3 |
| 109 | Juniper Networks | JNPR | California | Technology Hardware | 79.1 | 72.2 | 77.8 | 87.3 |
| 110 | Cabot Corporation | CBT | Massachusetts | Materials | 79.1 | 62.3 | 85.3 | 89.7 |
| 111 | Dana | DAN | Ohio | Automotive & Components | 79.1 | 80.8 | 74.1 | 82.4 |
| 112 | DXC Technology | DXC | Virginia | Software & Telecommunications | 79 | 83.9 | 71.2 | 81.9 |
| 113 | Ford Motor | F | Michigan | Automotive & Components | 78.8 | 74.3 | 76.9 | 85.3 |
| 114 | VF | VFC | Colorado | Retail | 78.8 | 72.8 | 79.3 | 84.5 |
| 115 | Timken | TKR | Ohio | Materials | 78.8 | 78.6 | 71.3 | 86.6 |
| 116 | Schnitzer Steel Industries | SCHN | Oregon | Materials | 78.8 | 72.5 | 80.6 | 83.2 |
| 117 | Broadcom | AVGO | California | Technology Hardware | 78.6 | 77.2 | 76.2 | 82.3 |
| 118 | Eli Lilly and Co | LLY | Indiana | Health Care & Life Sciences | 78.5 | 76.5 | 86.8 | 72.4 |
| 119 | Wyndham Destinations | TNL | Florida | Travel, Transport & Logistics | 78.5 | 82.3 | 75.7 | 77.5 |
| 120 | Edison International | EIX | California | Energy & Utilities | 78.4 | 74.4 | 85.5 | 75.5 |
| 121 | Dupont De Nemours | DD | Delaware | Materials | 78.4 | 80.4 | 79.1 | 75.8 |
| 122 | AvalonBay Communities | AVB | Virginia | Real Estate & Housing | 78.4 | 72.8 | 80.3 | 82.1 |
| 123 | Virtusa | VRTU | Massachusetts | Software & Telecommunications | 78.4 | 98 | 56.2 | 81 |
| 124 | Leidos | LDOS | Virginia | Health Care & Life Sciences | 78 | 82.4 | 63.6 | 88.2 |
| 125 | Regions Financial | RF | Alabama | Financial | 78 | 71.7 | 82.9 | 79.4 |
| 126 | International Business Machines | IBM | New York | Software & Telecommunications | 78 | 53.5 | 91.3 | 89.3 |
| 127 | Yum! Brands | YUM | Kentucky | Entertainment, Leisure & Dining | 78 | 77.1 | 87.8 | 69.2 |
| 128 | Sims | SMSMY | New York | Materials | 77.9 | 84.8 | 78.9 | 70.1 |
| 129 | Ventas | VTR | Illinois | Real Estate & Housing | 77.8 | 91 | 84.6 | 57.8 |
| 130 | PPG Industries | PPG | Pennsylvania | Materials | 77.7 | 83.2 | 73.4 | 76.6 |
| 131 | Site Centers | SITC | Ohio | Real Estate & Housing | 77.7 | 67.1 | 82.6 | 83.5 |
| 132 | Sempra Energy | SRE | California | Energy & Utilities | 77.6 | 67.9 | 90.2 | 74.8 |
| 133 | Amphenol | APH | Connecticut | Technology Hardware | 77.5 | 90.2 | 65.5 | 76.9 |
| 134 | CBRE Group | CBRE | California | Real Estate & Housing | 77.4 | 61 | 86.1 | 85.1 |
| 135 | NRG Energy | NRG | New Jersey | Energy & Utilities | 77.4 | 61.6 | 85.2 | 85.4 |
| 136 | Estee Lauder Companies | EL | New York | Consumer Goods | 77.4 | 81.6 | 86.9 | 63.7 |
| 137 | Burlington | BURL | New Jersey | Retail | 77.1 | 96.2 | 72 | 63.2 |
| 138 | Sysco | SYY | Texas | Retail | 77.1 | 67.3 | 74.9 | 89 |
| 139 | Kansas City Southern | KSU | Missouri | Travel, Transport & Logistics | 77 | 63.6 | 82.8 | 84.8 |
| 140 | Conagra Brands | CAG | Illinois | Consumer Goods | 77 | 78.2 | 81.9 | 70.9 |
| 141 | Corporate Office Properties Trust | OFC | Maryland | Real Estate & Housing | 77 | 80.5 | 73.3 | 77.2 |
| 142 | Itron | ITRI | Washington | Professional Services | 76.8 | 72.5 | 83.1 | 74.9 |
| 143 | Hilton Worldwide Holdings | HLT | Virginia | Travel, Transport & Logistics | 76.7 | 60.8 | 86.2 | 83.2 |
| 144 | ManpowerGroup | MAN | Wisconsin | Professional Services | 76.7 | 80.8 | 83 | 66.5 |
| 145 | American Tower | AMT | Massachusetts | Software & Telecommunications | 76.6 | 63.9 | 80.3 | 85.8 |
| 146 | W W Grainger | GWW | Illinois | Capital Goods | 76.4 | 64.2 | 81.4 | 83.8 |
| 147 | Invesco | IVZ | Georgia | Financial | 76.4 | 89.8 | 66.5 | 73.1 |
| 148 | Williams Companies | WMB | Oklahoma | Energy & Utilities | 76.4 | 55.5 | 89.8 | 83.9 |
| 149 | Voya Financial | VOYA | New York | Financial | 76.3 | 84.5 | 64.9 | 79.6 |
| 150 | Autodesk | ADSK | California | Software & Telecommunications | 76.2 | 59.3 | 100 | 69.4 |
| 151 | Steelcase | SCS | Michigan | Consumer Goods | 76.2 | 87.8 | 70.1 | 70.8 |
| 152 | TJX Companies | TJX | Massachusetts | Retail | 76.2 | 66.5 | 76.8 | 85.2 |
| 153 | Nexteer Automotive Group | INTXVF | Michigan | Automotive & Components | 76.2 | 81.8 | 74.7 | 72.1 |
| 154 | Workday | WDAY | California | Software & Telecommunications | 76 | 73.7 | 78 | 76.4 |
| 155 | Southern | SO | Georgia | Energy & Utilities | 75.9 | 51.3 | 95 | 81.4 |
| 156 | Delta Air Lines | DAL | Georgia | Travel, Transport & Logistics | 75.8 | 62.4 | 82.8 | 82.4 |
| 157 | Regency Centers | REG | Florida | Real Estate & Housing | 75.7 | 64.2 | 81.7 | 81.1 |
| 158 | Cooper-Standard Holdings | CPS | Michigan | Automotive & Components | 75.7 | 60.7 | 85.5 | 81 |
| 159 | Oshkosh | OSK | Wisconsin | Capital Goods | 75.7 | 65.5 | 76 | 85.6 |
| 160 | Alexion Pharmaceuticals | ALXN | Massachusetts | Health Care & Life Sciences | 75.6 | 85.8 | 68.4 | 72.5 |
| 161 | Hormel Foods | HRL | Minnesota | Consumer Goods | 75.5 | 59.1 | 90.5 | 76.9 |
| 162 | American Airlines Group | AAL | Texas | Travel, Transport & Logistics | 75.4 | 65 | 83.5 | 77.9 |
| 163 | Healthpeak Properties | PEAK | California | Real Estate & Housing | 75.3 | 80.9 | 78.8 | 66.2 |
| 164 | Bank of New York Mellon | BK | New York | Financial | 75.2 | 79.8 | 73.8 | 72.1 |
| 165 | Park Hotels & Resorts | PK | Virginia | Real Estate & Housing | 75.1 | 66.8 | 78.6 | 79.9 |
| 166 | CVS Health | CVS | Rhode Island | Health Care & Life Sciences | 74.9 | 53.8 | 80.6 | 90.4 |
| 167 | PolyOne | AVNT | Ohio | Materials | 74.9 | 67.2 | 79.4 | 78.3 |
| 168 | Walt Disney | DIS | California | Entertainment, Leisure & Dining | 74.9 | 77.1 | 92.4 | 55.2 |
| 169 | Union Pacific | UNP | Nebraska | Travel, Transport & Logistics | 74.8 | 72.3 | 81 | 71.2 |
| 170 | Sherwin-Williams | SHW | Ohio | Materials | 74.7 | 63.9 | 74.8 | 85.4 |
| 171 | Capital One Financial | COF | Virginia | Financial | 74.6 | 73.8 | 75.4 | 74.7 |
| 172 | Unum Group | UNM | Tennessee | Financial | 74.6 | 64.9 | 80.4 | 78.6 |
| 173 | Hess | HES | New York | Energy & Utilities | 74.4 | 59.8 | 80.8 | 82.7 |
| 174 | Quest Diagnostics | DGX | New York | Health Care & Life Sciences | 74.4 | 56.5 | 86.2 | 80.5 |
| 175 | Rexnord | RXN | Wisconsin | Capital Goods | 74.3 | 74.7 | 79.4 | 69 |
| 176 | AMN Healthcare Services | AMN | California | Health Care & Life Sciences | 74.3 | 65.1 | 77.1 | 80.6 |
| 177 | eBay | EBAY | California | Retail | 74.1 | 69.1 | 71.7 | 81.5 |
| 178 | Koppers Holdings | KOP | Pennsylvania | Materials | 74 | 57.5 | 89.9 | 74.5 |
| 179 | Digital Realty Trust | DLR | California | Real Estate & Housing | 73.8 | 60.6 | 81.6 | 79.3 |
| 180 | Vornado Realty Trust | VNO | New York | Real Estate & Housing | 73.8 | 79.3 | 71.6 | 70.4 |
| 181 | Infinera | INFN | California | Technology Hardware | 73.7 | 80.7 | 58.4 | 82 |
| 182 | JBG SMITH Properties | JBGS | Maryland | Real Estate & Housing | 73.6 | 71.4 | 66.7 | 82.8 |
| 183 | United Rentals | URI | Connecticut | Professional Services | 73.5 | 59.5 | 85.5 | 75.6 |
| 184 | Ryman Hospitality Properties | RHP | Tennessee | Entertainment, Leisure & Dining | 73.5 | 75.7 | 79.2 | 65.8 |
| 185 | Howmet Aerospace | HWM | Pennsylvania | Capital Goods | 73.2 | 76.7 | 74.1 | 68.8 |
| 186 | Fluor Corporation | FLR | Texas | Capital Goods | 73.2 | 63.2 | 77.5 | 78.9 |
| 187 | Teradata | TDC | California | Software & Telecommunications | 73.1 | 49.2 | 82.2 | 87.9 |
| 188 | Dominion Energy | D | Virginia | Energy & Utilities | 73.1 | 49 | 85.7 | 84.6 |
| 189 | Public Service Enterprise Group | PEG | New Jersey | Energy & Utilities | 73.1 | 62.2 | 72.5 | 84.6 |
| 190 | Rockwell Automation | ROK | Wisconsin | Capital Goods | 73 | 64 | 75.9 | 79.1 |
| 191 | Southwest Airlines | LUV | Texas | Travel, Transport & Logistics | 72.9 | 58.7 | 81.9 | 78.2 |
| 192 | Cadence Design Systems | CDNS | California | Software & Telecommunications | 72.9 | 58.2 | 77.4 | 83.1 |
| 193 | Apollo Global Management | APO | New York | Financial | 72.8 | 74.8 | 74.2 | 69.6 |
| 194 | Ormat Technologies | ORA | Nevada | Energy & Utilities | 72.6 | 70.3 | 63.5 | 84 |
| 195 | Kellogg | K | Michigan | Consumer Goods | 72.6 | 47.5 | 90.6 | 79.7 |
| 196 | Carnival | CCL | Florida | Travel, Transport & Logistics | 72.6 | 55.5 | 70.5 | 91.9 |
| 197 | Flowers Foods | FLO | Georgia | Consumer Goods | 72.5 | 77.9 | 65.6 | 74.1 |
| 198 | DTE Energy | DTE | Michigan | Energy & Utilities | 72.5 | 56 | 81.5 | 80 |
| 199 | WEC Energy Group | WEC | Wisconsin | Energy & Utilities | 72.5 | 62.4 | 72.9 | 82.2 |
| 200 | Tupperware Brands | TUP | Florida | Consumer Goods | 72.4 | 77 | 79.9 | 60.4 |
| 201 | Packaging Corporation of America | PKG | Illinois | Materials | 72.2 | 60.4 | 64.2 | 91.9 |
| 202 | SL Green Realty | SLG | New York | Real Estate & Housing | 72.1 | 55.2 | 76 | 85.3 |
| 203 | Caterpillar | CAT | Illinois | Capital Goods | 72.1 | 71.8 | 70.8 | 73.8 |
| 204 | Brunswick | BC | Illinois | Capital Goods | 72.1 | 70 | 74 | 72.4 |
| 205 | Varex Imaging | VREX | Utah | Health Care & Life Sciences | 72.1 | 79.1 | 67.4 | 69.8 |
| 206 | Oracle | ORCL | California | Software & Telecommunications | 72 | 51.6 | 74.8 | 89.6 |
| 207 | Graphic Packaging | GPK | Georgia | Materials | 71.7 | 58.1 | 77.8 | 79.3 |
| 208 | Marathon Oil | MRO | Texas | Energy & Utilities | 71.5 | 37.3 | 87.7 | 89.6 |
| 209 | Noble Energy | NBL | Texas | Energy & Utilities | 71.5 | 52.3 | 82.2 | 80 |
| 210 | Alliance Data Systems | ADS | Ohio | Professional Services | 71.4 | 65.9 | 70.9 | 77.4 |
| 211 | National Oilwell Varco | NOV | Texas | Energy & Utilities | 71.3 | 67.8 | 71.4 | 74.8 |
| 212 | Catalent | CTLT | New Jersey | Health Care & Life Sciences | 71.1 | 62.6 | 83.2 | 67.6 |
| 213 | Kraton | KRA | Texas | Materials | 71.1 | 52.7 | 74.1 | 86.5 |
| 214 | Bank of America | BAC | North Carolina | Financial | 71.1 | 87.9 | 77.8 | 47.5 |
| 215 | Pioneer Natural Resources | PXD | Texas | Energy & Utilities | 71.1 | 55.5 | 77.8 | 80 |
| 216 | Gentex | GNTX | Michigan | Automotive & Components | 71 | 76.4 | 67 | 69.7 |
| 217 | Harley-Davidson | HOG | Wisconsin | Automotive & Components | 71 | 72.2 | 78.7 | 62.1 |
| 218 | Ralph Lauren | RL | New York | Consumer Goods | 71 | 57.5 | 76.2 | 79.3 |
| 219 | Fortune Brands Home & Security | FBHS | Illinois | Consumer Goods | 70.7 | 61.8 | 72.8 | 77.7 |
| 220 | QTS Realty Trust | QTS | Kansas | Real Estate & Housing | 70.7 | 60.5 | 71.7 | 79.8 |
| 221 | Goodyear Tire & Rubber Co | GT | Ohio | Automotive & Components | 70.7 | 53.6 | 74.9 | 83.6 |
| 222 | Navistar International | NAV | Illinois | Automotive & Components | 70.5 | 70 | 63.4 | 78.3 |
| 223 | Kosmos Energy | KOS | Texas | Energy & Utilities | 70.5 | 58.9 | 77.9 | 74.8 |
| 224 | Ally Financial | ALLY | Michigan | Financial | 70.3 | 59.1 | 77.1 | 74.9 |
| 225 | Flowserve | FLS | Texas | Capital Goods | 70.3 | 66.6 | 77.6 | 66.8 |
| 226 | Bunge | BG | Missouri | Consumer Goods | 70.2 | 76.6 | 79.8 | 54.4 |
| 227 | Baker Hughes | BKR | Texas | Energy & Utilities | 70.2 | 59.4 | 69.9 | 81.3 |
| 228 | Amdocs | DOX | Missouri | Software & Telecommunications | 70.2 | 67.1 | 67.8 | 75.7 |
| 229 | Dow | DOW | Michigan | Materials | 70.1 | 58.4 | 70.5 | 81.4 |
| 230 | CF Industries Holdings | CF | Illinois | Materials | 70.1 | 44.5 | 78.5 | 87.3 |
| 231 | Eastman Chemical | EMN | Tennessee | Materials | 70 | 46.7 | 85.1 | 78.3 |
| 232 | Adobe | ADBE | California | Software & Telecommunications | 70 | 71.1 | 65.9 | 73.1 |
| 233 | Avanos Medical | AVNS | Georgia | Health Care & Life Sciences | 70 | 71.8 | 74.6 | 63.6 |
| 234 | Hersha Hospitality Trust | HT | Pennsylvania | Real Estate & Housing | 70 | 71.3 | 77.8 | 61 |
| 235 | Watts Water Technologies | WTS | Massachusetts | Capital Goods | 70 | 61.6 | 71.1 | 77.3 |
| 236 | Domtar | UFS | South Carolina | Materials | 69.9 | 50.6 | 76.6 | 82.7 |
| 237 | Equity Residential | EQR | Illinois | Real Estate & Housing | 69.9 | 67.1 | 71.1 | 71.7 |
| 238 | Halliburton | HAL | Texas | Energy & Utilities | 69.9 | 73.4 | 78.8 | 57.6 |
| 239 | Expeditors International of Washington | EXPD | Washington | Travel, Transport & Logistics | 69.9 | 82.1 | 66.8 | 60.8 |
| 240 | LPL Financial | LPLA | Massachusetts | Financial | 69.8 | 55 | 81 | 73.5 |
| 241 | Kinder Morgan | KMI | Texas | Energy & Utilities | 69.5 | 54.3 | 69.7 | 84.4 |
| 242 | EQT | EQT | Pennsylvania | Energy & Utilities | 69.4 | 49.3 | 87.1 | 71.9 |
| 243 | Equity LifeStyle Properties | ELS | Illinois | Real Estate & Housing | 69.4 | 52.8 | 80.7 | 74.7 |
| 244 | Vertex Pharmaceuticals | VRTX | Massachusetts | Health Care & Life Sciences | 69.4 | 65.2 | 90.1 | 52.9 |
| 245 | Hecla Mining | HL | Idaho | Materials | 69.3 | 68.5 | 82.2 | 57.3 |
| 246 | Herman Miller | MLHR | Michigan | Consumer Goods | 69.2 | 47.8 | 89.9 | 70.1 |
| 247 | Greif | GEF | Ohio | Materials | 69.1 | 63.9 | 60.9 | 82.7 |
| 248 | BizLink Holding | 3665 | California | Capital Goods | 69 | 64.1 | 66.4 | 76.5 |
| 249 | CNX Resources | CNX | Pennsylvania | Energy & Utilities | 68.9 | 57.8 | 69.4 | 79.5 |
| 250 | Nextera Energy | NEE | Florida | Energy & Utilities | 68.8 | 49.7 | 82.6 | 74.1 |
| 251 | Fortive | FTV | Washington | Capital Goods | 68.6 | 51.6 | 77.5 | 76.9 |
| 252 | Macy’s | M | Ohio | Consumer Goods | 68.6 | 72.6 | 85.8 | 47.6 |
| 253 | Alliant Energy | LNT | Wisconsin | Energy & Utilities | 68.6 | 49.8 | 93 | 63.2 |
| 254 | Simon Property Group | SPG | Indiana | Real Estate & Housing | 68.6 | 70.3 | 59.8 | 75.8 |
| 255 | Alcoa | AA | Pennsylvania | Materials | 68.6 | 48.8 | 83 | 73.9 |
| 256 | Westrock | WRK | Georgia | Materials | 68.5 | 53 | 71.1 | 81.6 |
| 257 | ABM Industries | ABM | New York | Professional Services | 68.5 | 47.8 | 75.3 | 82.5 |
| 258 | AES | AES | Virginia | Energy & Utilities | 68.4 | 48.9 | 75.4 | 80.9 |
| 259 | Verisk Analytics | VRSK | New Jersey | Professional Services | 68.3 | 57.1 | 79.6 | 68.4 |
| 260 | Xcel Energy | XEL | Minnesota | Energy & Utilities | 68.3 | 42.8 | 85.5 | 76.7 |
| 261 | Ryder System | R | Florida | Travel, Transport & Logistics | 68.3 | 57.1 | 67.1 | 80.8 |
| 262 | Walmart | WMT | Arkansas | Retail | 68.3 | 54.8 | 78.2 | 72 |
| 263 | Tennant | TNC | Minnesota | Capital Goods | 68.2 | 54.9 | 59.5 | 90.4 |
| 264 | Tenneco | TEN | Illinois | Automotive & Components | 68 | 54.3 | 78.2 | 71.5 |
| 265 | Hartford Financial Services Group | HIG | Connecticut | Financial | 67.9 | 57.5 | 83 | 63.4 |
| 266 | AECOM | ACM | California | Professional Services | 67.9 | 54.9 | 66.4 | 82.4 |
| 267 | CommScope Holding Company | COMM | North Carolina | Technology Hardware | 67.7 | 72.4 | 41.6 | 89.1 |
| 268 | FMC | FMC | Pennsylvania | Materials | 67.6 | 43.4 | 71.8 | 87.7 |
| 269 | Intuit | INTU | California | Software & Telecommunications | 67.6 | 52.5 | 75.6 | 74.9 |
| 270 | Apache | APA | Texas | Energy & Utilities | 67.6 | 48 | 72.8 | 82 |
| 271 | Hill-Rom Holdings | HRC | Indiana | Health Care & Life Sciences | 67.6 | 68 | 68.1 | 66.8 |
| 272 | Norfolk Southern | NSC | Virginia | Travel, Transport & Logistics | 67.5 | 66.4 | 73 | 63.2 |
| 273 | RMR Group | RMR | Massachusetts | Financial | 67.5 | 70.2 | 66.6 | 65.8 |
| 274 | Allstate | ALL | Illinois | Financial | 67.5 | 55.6 | 83.3 | 63.7 |
| 275 | Xenia Hotels & Resorts | XHR | Florida | Real Estate & Housing | 67.5 | 61.2 | 70.3 | 71.1 |
| 276 | Pitney Bowes | PBI | Connecticut | Technology Hardware | 67.4 | 52.7 | 76.5 | 73 |
| 277 | Edgewell Personal Care | EPC | Missouri | Consumer Goods | 67.3 | 63.7 | 77.4 | 61 |
| 278 | Farmer Bros | FARM | Texas | Consumer Goods | 67.3 | 79.8 | 54 | 68.3 |
| 279 | Deckers Outdoor | DECK | California | Consumer Goods | 67.3 | 37.8 | 83.8 | 80.3 |
| 280 | Northern Trust | NTRS | Illinois | Financial | 67.3 | 58 | 72.9 | 71 |
| 281 | Automatic Data Processing | ADP | New Jersey | Software & Telecommunications | 67.2 | 55 | 64.3 | 82.3 |
| 282 | Gentherm | THRM | Michigan | Automotive & Components | 67.2 | 66.2 | 65 | 70.4 |
| 283 | Atmos Energy | ATO | Texas | Energy & Utilities | 67.1 | 42.8 | 89.3 | 69.3 |
| 284 | Travelers Companies | TRV | New York | Financial | 66.9 | 53.1 | 76.6 | 71 |
| 285 | Kohls | KSS | Wisconsin | Retail | 66.8 | 56.5 | 76.5 | 67.5 |
| 286 | Tapestry | TPR | New York | Consumer Goods | 66.8 | 49.6 | 72.9 | 77.8 |
| 287 | Kennedy-Wilson Holdings | KW | California | Real Estate & Housing | 66.7 | 63.7 | 72.7 | 63.6 |
| 288 | Alaska Air Group | ALK | Washington | Travel, Transport & Logistics | 66.6 | 62.6 | 83.2 | 54 |
| 289 | Nordstrom | JWM | Washington | Retail | 66.6 | 58.3 | 82.4 | 59.1 |
| 290 | HollyFrontier | HFC | Texas | Energy & Utilities | 66.6 | 48.7 | 76.9 | 74.2 |
| 291 | Tetra Tech | TTEK | California | Professional Services | 66.6 | 39.8 | 74.1 | 85.9 |
| 292 | Sonoco Products | SON | South Carolina | Materials | 66.5 | 59 | 69.1 | 71.6 |
| 293 | KeyCorp | KEY | Ohio | Financial | 66.5 | 58.9 | 79.7 | 61.1 |
| 294 | Aflac | AFL | Georgia | Financial | 66.4 | 46 | 74.8 | 78.5 |
| 295 | Allegheny Technologies | ATI | Pennsylvania | Materials | 66.4 | 55.3 | 75.4 | 68.6 |
| 296 | Crane | CR | Connecticut | Materials | 66.4 | 65.2 | 74.6 | 59.4 |
| 297 | American Axle & Manufacturing Holdings | AXL | Michigan | Automotive & Components | 66.3 | 59.9 | 80.5 | 58.6 |
| 298 | American Electric Power Company | AEP | Ohio | Energy & Utilities | 66.2 | 41.5 | 84.2 | 72.8 |
| 299 | Phillips 66 | PSX | Texas | Energy & Utilities | 66.2 | 52.6 | 92.7 | 53.2 |
| 300 | Deere | DE | Illinois | Capital Goods | 66.2 | 41.4 | 84.1 | 73.1 |
| 301 | Devon Energy | DVN | Oklahoma | Energy & Utilities | 66.1 | 41.3 | 82.9 | 74.2 |
| 302 | PNM Resources | PNM | New Mexico | Energy & Utilities | 66 | 48.7 | 81.7 | 67.8 |
| 303 | Cboe Global Markets | CBOE | Illinois | Financial | 66 | 68.9 | 63.6 | 65.5 |
| 304 | UnitedHealth Group | UNH | Minnesota | Health Care & Life Sciences | 65.9 | 69.7 | 70 | 58.2 |
| 305 | Lincoln Electric Holdings | LECO | Ohio | Capital Goods | 65.8 | 62.7 | 72 | 62.9 |
| 306 | Essex Property Trust | ESS | California | Real Estate & Housing | 65.8 | 66 | 76.3 | 55.1 |
| 307 | Spire | SR | Missouri | Energy & Utilities | 65.7 | 39.9 | 84.7 | 72.6 |
| 308 | Adtalem Global Education | ATGE | Illinois | Professional Services | 65.7 | 37.3 | 86 | 73.8 |
| 309 | HNI | HNI | Iowa | Consumer Goods | 65.6 | 50.5 | 81.5 | 64.8 |
| 310 | Fidelity National Information Services | FIS | Florida | Financial | 65.6 | 56.9 | 66 | 73.9 |
| 311 | Zimmer Biomet Holdings | ZBH | Indiana | Health Care & Life Sciences | 65.5 | 58.4 | 61.6 | 76.6 |
| 312 | Albemarle | ALB | North Carolina | Materials | 65.4 | 35.1 | 86.6 | 74.6 |
| 313 | Brown-Forman | BF.B | Kentucky | Consumer Goods | 65.4 | 51.6 | 84.6 | 60.1 |
| 314 | Consolidated Edison | ED | New York | Energy & Utilities | 65.4 | 59 | 83.5 | 53.7 |
| 315 | Harsco | HSC | Pennsylvania | Professional Services | 65.4 | 33.7 | 70.8 | 91.7 |
| 316 | Marathon Petroleum | MPC | Ohio | Energy & Utilities | 65.3 | 56.8 | 68.3 | 70.9 |
| 317 | PepsiCo | PEP | New York | Consumer Goods | 65.3 | 49.6 | 70.2 | 76.1 |
| 318 | International Paper | IP | Tennessee | Materials | 65.2 | 43.1 | 67.1 | 85.6 |
| 319 | Southwestern Energy | SWN | Texas | Energy & Utilities | 65.2 | 46.5 | 78.3 | 70.9 |
| 320 | CoreCivic | CXW | Tennessee | Professional Services | 65.2 | 44.2 | 85.1 | 66.3 |
| 321 | PerkinElmer | PKI | Massachusetts | Health Care & Life Sciences | 65.2 | 59.2 | 67.6 | 68.7 |
| 322 | Ovintiv | OVV | Colorado | Materials | 65.1 | 60.2 | 67.5 | 67.6 |
| 323 | SPX | SPXC | North Carolina | Capital Goods | 65.1 | 61.2 | 67.4 | 66.8 |
| 324 | OUTFRONT Media | OUT | New York | Real Estate & Housing | 65 | 37.3 | 83.5 | 74.2 |
| 325 | Carrier | CARR | Florida | Capital Goods | 65 | 70.6 | 74.6 | 49.8 |
| 326 | Parker-Hannifin | PH | Ohio | Capital Goods | 64.6 | 50.2 | 64.8 | 78.8 |
| 327 | Brooks Automation | BRKS | Massachusetts | Technology Hardware | 64.6 | 68.7 | 81.5 | 43.8 |
| 328 | LyondellBasell Industries NV | LYB | Texas | Materials | 64.6 | 50.1 | 79.2 | 64.4 |
| 329 | Teradyne | TER | Massachusetts | Technology Hardware | 64.5 | 77.7 | 43.4 | 72.6 |
| 330 | Minerals Technologies | MTX | New York | Materials | 64.5 | 58.3 | 72.2 | 63.1 |
| 331 | Archer Daniels Midland | ADM | Illinois | Consumer Goods | 64.5 | 67.4 | 58.4 | 67.7 |
| 332 | Chevron | CVX | California | Energy & Utilities | 64.5 | 45.9 | 87.7 | 59.8 |
| 333 | EOG Resources | EOG | Texas | Energy & Utilities | 64.4 | 37.4 | 80.2 | 75.6 |
| 334 | Regal Beloit | RBC | Wisconsin | Capital Goods | 64.4 | 38 | 67.7 | 87.5 |
| 335 | Enterprise Products Partners LP | EPD | Texas | Energy & Utilities | 64.4 | 42.4 | 76 | 74.9 |
| 336 | CenterPoint Energy | CNP | Texas | Energy & Utilities | 64.3 | 45 | 75.6 | 72.3 |
| 337 | SVB Financial Group | SVB | California | Financial | 64 | 44.6 | 74.9 | 72.6 |
| 338 | Meredith | MDP | Iowa | Entertainment, Leisure & Dining | 64 | 61.1 | 71.8 | 59.1 |
| 339 | Herc Holdings | HRI | Florida | Capital Goods | 63.8 | 47.3 | 77.8 | 66.4 |
| 340 | Modine Manufacturing | MOD | Wisconsin | Capital Goods | 63.7 | 34.5 | 77.2 | 79.4 |
| 341 | Diebold Nixdorf | DBD | Ohio | Technology Hardware | 63.7 | 74 | 50.5 | 66.6 |
| 342 | Denbury Resources | DEN | Texas | Energy & Utilities | 63.6 | 40.8 | 73.4 | 76.6 |
| 343 | SM Energy | SM | Colorado | Energy & Utilities | 63.5 | 35.7 | 74.7 | 80.2 |
| 344 | Avnet | AVT | Arizona | Technology Hardware | 63.3 | 56.4 | 73.5 | 60.2 |
| 345 | Sunstone Hotel Investors | SHO | California | Real Estate & Housing | 63.2 | 58.5 | 57.7 | 73.6 |
| 346 | Exelon | EXC | Illinois | Energy & Utilities | 63 | 52.3 | 62.4 | 74.4 |
| 347 | Avaya Holdings | AVYA | California | Software & Telecommunications | 63 | 61.7 | 65.4 | 62 |
| 348 | Waste Management | WM | Texas | Professional Services | 62.9 | 59.2 | 64.5 | 65.2 |
| 349 | Dentsply Sirona | XRAY | Pennsylvania | Health Care & Life Sciences | 62.8 | 43.2 | 73.3 | 72 |
| 350 | Illinois Tool Works | ITW | Illinois | Capital Goods | 62.7 | 46.6 | 73 | 68.5 |
| 351 | Vail Resorts | MTN | Colorado | Entertainment, Leisure & Dining | 62.7 | 73.6 | 60.4 | 54.2 |
| 352 | Fifth Third Bancorp | FITB | Ohio | Financial | 62.7 | 51.2 | 77.7 | 59.1 |
| 353 | Highwoods Properties | HIW | North Carolina | Real Estate & Housing | 62.5 | 59.4 | 56.7 | 71.6 |
| 354 | Bristol-Myers Squibb | BMY | New York | Health Care & Life Sciences | 62.5 | 46.9 | 71.5 | 69.2 |
| 355 | Humana | HUM | Kentucky | Health Care & Life Sciences | 62.5 | 46.2 | 69.6 | 71.6 |
| 356 | Carmax | KMK | Virginia | Retail | 62.4 | 57.8 | 79.4 | 50.2 |
| 357 | Thermo Fisher Scientific | TMO | Massachusetts | Health Care & Life Sciences | 62.4 | 42.8 | 67.3 | 77 |
| 358 | LabCorp | LH | North Carolina | Health Care & Life Sciences | 62.2 | 51.8 | 68.2 | 66.8 |
| 359 | Alphabet (Google) | GOOGL | California | Software & Telecommunications | 62.2 | 81.1 | 53.3 | 52.2 |
| 360 | Barnes Group | B | Connecticut | Capital Goods | 61.9 | 45.4 | 72.3 | 68.1 |
| 361 | Anixter International | AXE | Illinois | Technology Hardware | 61.9 | 39.8 | 70.9 | 74.9 |
| 362 | Balchem | BCPC | New York | Materials | 61.8 | 47.9 | 63.7 | 74 |
| 363 | Ameriprise Financial | AMP | Minnesota | Financial | 61.8 | 44.5 | 73.3 | 67.8 |
| 364 | Ameren | AEE | Missouri | Energy & Utilities | 61.8 | 50.8 | 72.2 | 62.3 |
| 365 | SunCoke Energy | SXC | Illinois | Materials | 61.6 | 43.3 | 75.4 | 66.3 |
| 366 | Crown Holdings | CCK | Pennsylvania | Materials | 61.5 | 44.1 | 59.8 | 80.7 |
| 367 | Coeur Mining | CDE | Illinois | Materials | 61.2 | 33.2 | 86.3 | 64.2 |
| 368 | Western Union | WU | Colorado | Financial | 61 | 26.1 | 80.7 | 76.4 |
| 369 | Hawkins | HWKN | Minnesota | Materials | 60.8 | 55.8 | 73.7 | 53 |
| 370 | Kadant | KAI | Massachusetts | Capital Goods | 60.8 | 46.3 | 61.4 | 74.7 |
| 371 | Advance Auto Parts | AAP | North Carolina | Automotive & Components | 60.7 | 58.5 | 64.1 | 59.6 |
| 372 | Insight Enterprises | NSIT | Arizona | Technology Hardware | 60.5 | 37.2 | 77.7 | 66.7 |
| 373 | New Jersey Resources | NJR | New Jersey | Energy & Utilities | 60.4 | 43.2 | 65.9 | 72.2 |
| 374 | Synopsys | SNPS | California | Software & Telecommunications | 60.4 | 44.8 | 71 | 65.6 |
| 375 | Arrow Electronics | ARW | Colorado | Technology Hardware | 60.4 | 44.2 | 69.6 | 67.6 |
| 376 | Legg Mason | KMHA | Maryland | Financial | 60.4 | 55.7 | 75.7 | 49.9 |
| 377 | CMS Energy | CMS | Michigan | Energy & Utilities | 60.4 | 47.8 | 72.7 | 60.8 |
| 378 | Sensient Technologies | SXT | Wisconsin | Materials | 60.4 | 43.6 | 67.8 | 69.8 |
| 379 | Granite Construction | GVA | California | Capital Goods | 60.2 | 40.8 | 76.3 | 63.6 |
| 380 | El Paso Electric | EE | Texas | Energy & Utilities | 60.2 | 45.4 | 83.4 | 51.8 |
| 381 | ITT | ITT | New York | Capital Goods | 60.1 | 63.2 | 51.2 | 66.1 |
| 382 | KEMET | KEM | Florida | Technology Hardware | 60.1 | 60.6 | 57.9 | 61.9 |
| 383 | Booking Holdings | BKNG | Connecticut | Retail | 60 | 37.6 | 68 | 74.6 |
| 384 | Antero Resources | AR | Colorado | Energy & Utilities | 60 | 68.3 | 52.5 | 59.3 |
| 385 | IDEX | IDEX | Illinois | Capital Goods | 59.8 | 32 | 67.2 | 80.2 |
| 386 | KB Home | KBH | California | Real Estate & Housing | 59.8 | 42.7 | 65 | 71.6 |
| 387 | Danaher | DHR | D.C. | Health Care & Life Sciences | 59.7 | 42 | 72.4 | 64.9 |
| 388 | Parsley Energy | PE | Texas | Energy & Utilities | 59.6 | 37.6 | 69.9 | 71.3 |
| 389 | CONSOL Energy | CEIX | Pennsylvania | Energy & Utilities | 59.6 | 49.9 | 64.7 | 64.2 |
| 390 | IQVIA Holdings | IQV | Connecticut | Health Care & Life Sciences | 59.5 | 43.2 | 69.2 | 66.1 |
| 391 | Robert Half | RHI | California | Professional Services | 59.4 | 42.9 | 71.7 | 63.7 |
| 392 | JPMorgan Chase & Co | JPM | New York | Financial | 59.4 | 60.3 | 67.3 | 50.8 |
| 393 | Colony Capital | DBRG | California | Real Estate & Housing | 59.4 | 39.8 | 63.4 | 75.1 |
| 394 | Columbia Sportswear | COLM | Oregon | Consumer Goods | 59.4 | 38.5 | 73.2 | 66.7 |
| 395 | McDonald’s | MCD | Illinois | Entertainment, Leisure & Dining | 59.4 | 46.8 | 71.5 | 59.9 |
| 396 | Morgan Stanley | MS | New York | Financial | 59.4 | 45 | 65.2 | 67.9 |
| 397 | Rattler Midstream | RTLR | Texas | Energy & Utilities | 59.3 | 39.6 | 67.3 | 71 |
| 398 | Tegna | TGNA | Virginia | Entertainment, Leisure & Dining | 59.2 | 32.8 | 81.8 | 63.2 |
| 399 | Etsy | ETSY | New York | Retail | 59.2 | 64.9 | 62.1 | 50.5 |

Table Newsweeks Most Responsible Companies, 2021

Table 2

|  |
| --- |
| STOCK TICKER |
| ITT |
| BKR |
| INFN |
| BDX |
| LLY |
| GES |
| FLR |
| HRI |
| BBY |
| BLL |
| KIM |
| CLX |
| EMN |
| AAPL |
| ITW |
| AVB |
| HWM |
| NVDA |
| APO |
| BRKS |
| BXP |
| AVNS |
| EQR |
| DD |
| MTD |
| DAN |
| BAX |
| A |
| DKS |
| AMGN |
| BSX |
| ADI |
| CDNS |
| ARW |
| EIX |
| LUV |
| MMM |
| OLED |
| BMY |
| WHR |
| CSCO |
| MA |
| ELS |
| HST |
| JLL |
| D |
| CMI |
| CI |
| AVGO |
| ATR |
| COMM |
| CBT |
| NLSN |
| MSFT |
| GEF |
| PEG |
| OUT |
| F |
| KRC |
| HBAN |
| LPLA |
| GPS |
| KDP |
| CF |
| HIW |
| GS |
| KEYS |
| BIIB |
| NEM |
| LOW |
| CVX |
| EQT |
| CSX |
| LYB |
| MDP |
| MET |
| ALLY |
| BG |
| AXP |
| HPQ |
| INTU |
| ORA |
| JBL |
| ADBE |
| CHD |
| DXC |
| GOOGL |
| IFF |
| MRK |
| MOD |
| HIG |
| HAL |
| JNPR |
| INTC |
| AVT |
| EXPD |
| LH |
| DOX |
| FLS |
| KMI |
| MTX |
| ILMN |
| ALK |
| FITB |
| EOG |
| HW |
| CMA |
| ACM |
| EXC |
| GIS |
| EW |
| CRM |
| HRC |
| MSI |
| ABT |
| IRM |
| APD |
| CPB |
| MCO |
| AWK |
| OMC |
| CZR |
| MLHR |
| KR |
| EPD |
| ES |
| FDX |
| NLOK |
| QCOM |
| KOS |
| B |
| APA |
| DBD |
| LNC |
| HT |
| HUM |
| KMB |
| MXIM |
| CNP |
| FMC |
| ADM |

Table List of Stock Tickers Used

|  |
| --- |
| Row Labels |
| AAPL |
| AMGN |
| AXP |
| BA |
| CAT |
| CRM |
| CSCO |
| DD |
| DIS |
| GE |
| GS |
| HD |
| HON |
| IBM |
| INTC |
| JNJ |
| JPM |
| KO |
| MCD |
| MMM |
| MRK |
| MSFT |
| NKE |
| PG |
| TRV |
| UNH |
| V |
| VZ |
| WMT |

Table Dow Jones Industrial Average Stock Tickers

**APPENDIX B**

Code Snippets

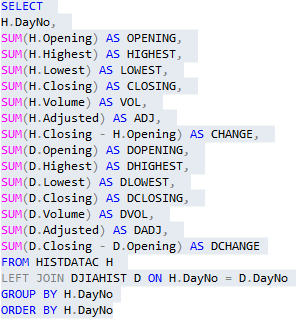


Table SUM SQL CODE

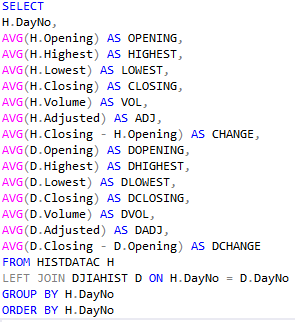


Table AVG SQL CODE

**APPENDIX C**

DATA

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| DayNo | OPENING | CLOSING | CHANGE | DOPENING | DCLOSING | DCHANGE |
| 1 | 65.73 | 65.60 | -0.13 | 85.71 | 85.33 | -0.38 |
| 2 | 65.23 | 64.43 | -0.80 | 84.90 | 83.86 | -1.04 |
| 3 | 64.59 | 63.80 | -0.79 | 84.08 | 83.05 | -1.03 |
| 4 | 64.34 | 64.72 | 0.38 | 83.79 | 84.16 | 0.37 |
| 5 | 65.24 | 65.83 | 0.59 | 84.91 | 85.64 | 0.72 |
| 6 | 65.93 | 65.26 | -0.68 | 85.74 | 84.84 | -0.90 |
| 7 | 65.34 | 64.86 | -0.48 | 85.05 | 84.37 | -0.67 |
| 8 | 65.40 | 64.76 | -0.64 | 85.15 | 84.33 | -0.82 |
| 9 | 64.08 | 64.61 | 0.53 | 83.21 | 83.49 | 0.28 |
| 10 | 64.82 | 64.01 | -0.81 | 83.73 | 82.80 | -0.94 |
| 11 | 63.92 | 65.00 | 1.08 | 82.62 | 83.83 | 1.21 |
| 12 | 65.23 | 65.13 | -0.10 | 84.00 | 83.69 | -0.31 |
| 13 | 64.99 | 65.54 | 0.55 | 83.21 | 83.82 | 0.61 |
| 14 | 65.86 | 66.43 | 0.57 | 84.12 | 85.17 | 1.06 |
| 15 | 66.33 | 66.10 | -0.23 | 85.15 | 84.72 | -0.43 |
| 16 | 66.05 | 66.40 | 0.35 | 84.62 | 84.74 | 0.11 |
| 17 | 65.70 | 65.79 | 0.09 | 83.49 | 83.25 | -0.24 |
| 18 | 66.23 | 64.92 | -1.32 | 83.79 | 82.52 | -1.27 |
| 19 | 65.08 | 65.48 | 0.40 | 82.78 | 83.93 | 1.15 |
| 20 | 65.25 | 64.99 | -0.26 | 83.31 | 82.32 | -0.99 |
| 21 | 65.12 | 65.59 | 0.47 | 82.52 | 83.18 | 0.66 |
| 22 | 65.83 | 66.52 | 0.69 | 83.52 | 84.45 | 0.93 |
| 23 | 66.33 | 66.27 | -0.05 | 84.19 | 84.40 | 0.21 |
| 24 | 66.55 | 67.03 | 0.48 | 84.68 | 85.30 | 0.62 |
| 25 | 67.20 | 66.66 | -0.54 | 85.40 | 85.05 | -0.35 |
| 26 | 66.47 | 66.29 | -0.18 | 84.54 | 84.52 | -0.02 |
| 27 | 66.59 | 66.86 | 0.27 | 85.02 | 85.41 | 0.39 |
| 28 | 66.74 | 66.76 | 0.02 | 85.28 | 85.47 | 0.19 |
| 29 | 67.04 | 67.44 | 0.40 | 85.69 | 85.93 | 0.23 |
| 30 | 67.45 | 67.69 | 0.24 | 85.94 | 86.18 | 0.24 |
| 31 | 67.52 | 67.83 | 0.31 | 85.96 | 86.31 | 0.35 |
| 32 | 67.67 | 68.00 | 0.33 | 86.23 | 86.47 | 0.24 |
| 33 | 67.73 | 67.97 | 0.24 | 86.24 | 86.36 | 0.13 |
| 34 | 67.96 | 68.42 | 0.47 | 86.21 | 87.09 | 0.88 |
| 35 | 68.36 | 68.45 | 0.09 | 86.97 | 87.00 | 0.03 |
| 36 | 68.40 | 68.51 | 0.11 | 87.12 | 87.41 | 0.30 |
| 37 | 68.48 | 68.53 | 0.05 | 87.42 | 87.46 | 0.04 |
| 38 | 68.58 | 68.59 | 0.01 | 87.65 | 87.72 | 0.08 |
| 39 | 68.56 | 68.42 | -0.14 | 87.62 | 87.28 | -0.33 |
| 40 | 68.43 | 68.97 | 0.54 | 87.30 | 87.98 | 0.68 |
| 41 | 68.82 | 68.73 | -0.08 | 87.75 | 87.62 | -0.13 |
| 42 | 68.46 | 68.38 | -0.09 | 87.35 | 87.07 | -0.27 |
| 43 | 68.50 | 68.57 | 0.08 | 87.26 | 87.28 | 0.02 |
| 44 | 68.16 | 67.43 | -0.73 | 86.85 | 85.82 | -1.03 |
| 45 | 67.48 | 67.69 | 0.21 | 85.89 | 86.49 | 0.61 |
| 46 | 67.14 | 66.70 | -0.43 | 85.69 | 84.89 | -0.80 |
| 47 | 66.80 | 66.62 | -0.17 | 85.11 | 84.63 | -0.48 |
| 48 | 66.89 | 67.47 | 0.58 | 84.94 | 85.95 | 1.00 |
| 49 | 67.28 | 67.09 | -0.20 | 85.72 | 85.36 | -0.37 |
| 50 | 67.41 | 68.12 | 0.71 | 85.85 | 86.86 | 1.01 |
| 51 | 67.77 | 67.97 | 0.20 | 86.43 | 86.43 | 0.00 |
| 52 | 67.73 | 68.86 | 1.13 | 86.18 | 87.53 | 1.35 |
| 53 | 68.75 | 68.74 | -0.01 | 87.35 | 87.19 | -0.17 |
| 54 | 69.34 | 69.60 | 0.26 | 87.64 | 88.05 | 0.41 |
| 55 | 69.53 | 69.39 | -0.14 | 88.04 | 87.81 | -0.23 |
| 56 | 69.38 | 69.07 | -0.30 | 87.70 | 87.38 | -0.31 |
| 57 | 69.15 | 67.81 | -1.33 | 87.48 | 85.74 | -1.74 |
| 58 | 67.55 | 67.65 | 0.10 | 85.37 | 85.58 | 0.22 |
| 59 | 67.67 | 67.87 | 0.20 | 85.64 | 85.96 | 0.31 |
| 60 | 68.30 | 68.71 | 0.41 | 86.71 | 87.12 | 0.41 |
| 61 | 68.40 | 68.20 | -0.19 | 86.75 | 86.13 | -0.62 |
| 62 | 68.12 | 67.90 | -0.22 | 86.09 | 85.69 | -0.40 |
| 63 | 67.87 | 67.90 | 0.02 | 85.72 | 85.93 | 0.21 |
| 64 | 67.65 | 68.39 | 0.74 | 85.43 | 86.43 | 0.99 |
| 65 | 68.49 | 68.15 | -0.35 | 86.53 | 86.44 | -0.09 |
| 66 | 68.20 | 68.44 | 0.24 | 86.46 | 86.76 | 0.30 |
| 67 | 68.39 | 68.51 | 0.13 | 86.75 | 87.04 | 0.29 |
| 68 | 68.64 | 68.70 | 0.06 | 87.16 | 87.52 | 0.36 |
| 69 | 68.64 | 68.39 | -0.25 | 87.42 | 87.10 | -0.32 |
| 70 | 68.41 | 68.44 | 0.03 | 87.17 | 87.30 | 0.13 |
| 71 | 68.67 | 68.81 | 0.14 | 87.59 | 87.75 | 0.16 |
| 72 | 68.73 | 68.75 | 0.03 | 87.76 | 87.82 | 0.06 |
| 73 | 68.26 | 67.87 | -0.39 | 87.09 | 86.35 | -0.74 |
| 74 | 68.17 | 68.47 | 0.30 | 86.96 | 87.36 | 0.40 |
| 75 | 68.74 | 68.50 | -0.24 | 87.63 | 87.07 | -0.56 |
| 76 | 68.62 | 68.71 | 0.09 | 87.39 | 87.52 | 0.13 |
| 77 | 68.55 | 68.92 | 0.38 | 87.19 | 87.67 | 0.47 |
| 78 | 69.02 | 68.79 | -0.23 | 87.75 | 87.73 | -0.03 |
| 79 | 68.95 | 68.41 | -0.54 | 88.07 | 87.20 | -0.87 |
| 80 | 68.27 | 68.40 | 0.13 | 87.24 | 87.56 | 0.32 |
| 81 | 68.08 | 68.08 | 0.00 | 87.08 | 87.42 | 0.34 |
| 82 | 67.85 | 67.21 | -0.63 | 87.11 | 86.44 | -0.67 |
| 83 | 67.49 | 68.03 | 0.54 | 86.94 | 87.37 | 0.43 |
| 84 | 68.14 | 68.22 | 0.08 | 87.51 | 87.59 | 0.07 |
| 85 | 68.10 | 67.28 | -0.82 | 87.47 | 86.96 | -0.51 |
| 86 | 67.53 | 67.12 | -0.41 | 87.20 | 86.56 | -0.64 |
| 87 | 67.14 | 67.50 | 0.37 | 86.44 | 86.91 | 0.46 |
| 88 | 68.30 | 68.41 | 0.11 | 87.72 | 88.13 | 0.42 |
| 89 | 68.34 | 68.15 | -0.19 | 88.05 | 87.80 | -0.25 |
| 90 | 67.78 | 67.84 | 0.06 | 87.29 | 87.51 | 0.22 |
| 91 | 68.02 | 67.89 | -0.13 | 87.78 | 87.75 | -0.04 |
| 92 | 68.27 | 68.66 | 0.38 | 88.29 | 88.76 | 0.48 |
| 93 | 68.74 | 68.72 | -0.02 | 88.87 | 88.87 | 0.00 |
| 94 | 68.57 | 69.02 | 0.45 | 88.84 | 89.07 | 0.24 |
| 95 | 69.00 | 68.88 | -0.12 | 89.14 | 89.04 | -0.10 |
| 96 | 68.91 | 68.90 | -0.01 | 89.09 | 88.91 | -0.18 |
| 97 | 68.89 | 69.04 | 0.16 | 88.88 | 88.96 | 0.08 |
| 98 | 68.93 | 69.02 | 0.09 | 88.88 | 88.77 | -0.11 |
| 99 | 68.77 | 68.22 | -0.55 | 88.46 | 87.77 | -0.69 |
| 100 | 68.35 | 68.92 | 0.56 | 88.00 | 88.43 | 0.43 |
| 101 | 68.79 | 68.79 | 0.00 | 88.16 | 88.10 | -0.06 |
| 102 | 68.74 | 68.62 | -0.12 | 88.06 | 87.52 | -0.54 |
| 103 | 68.81 | 68.81 | 0.00 | 87.85 | 87.71 | -0.14 |
| 104 | 68.60 | 68.71 | 0.11 | 87.45 | 87.59 | 0.14 |
| 105 | 68.88 | 68.89 | 0.01 | 87.91 | 87.97 | 0.05 |
| 106 | 68.48 | 68.32 | -0.16 | 87.54 | 87.23 | -0.31 |
| 107 | 68.19 | 68.34 | 0.15 | 87.22 | 86.95 | -0.27 |
| 108 | 68.31 | 67.83 | -0.48 | 86.90 | 86.46 | -0.45 |
| 109 | 67.84 | 67.81 | -0.03 | 86.56 | 86.42 | -0.14 |
| 110 | 68.04 | 68.63 | 0.59 | 86.67 | 87.56 | 0.89 |
| 111 | 68.79 | 68.86 | 0.07 | 87.77 | 87.83 | 0.06 |
| 112 | 68.58 | 68.39 | -0.19 | 87.59 | 87.15 | -0.44 |
| 113 | 67.94 | 68.13 | 0.18 | 86.60 | 86.76 | 0.16 |
| 114 | 68.06 | 68.42 | 0.36 | 86.71 | 87.32 | 0.61 |
| 115 | 68.54 | 68.53 | -0.01 | 87.48 | 87.54 | 0.06 |
| 116 | 68.71 | 69.23 | 0.51 | 87.73 | 88.58 | 0.85 |
| 117 | 69.20 | 69.04 | -0.16 | 88.40 | 88.15 | -0.25 |
| 118 | 69.53 | 69.36 | -0.17 | 88.71 | 88.66 | -0.05 |
| 119 | 69.45 | 69.30 | -0.15 | 88.92 | 88.79 | -0.12 |
| 120 | 69.20 | 68.76 | -0.44 | 88.60 | 87.91 | -0.69 |
| 121 | 68.94 | 68.60 | -0.34 | 88.25 | 87.59 | -0.66 |
| 122 | 68.69 | 68.51 | -0.18 | 87.87 | 87.74 | -0.13 |
| 123 | 67.93 | 67.01 | -0.93 | 86.95 | 85.82 | -1.13 |
| 124 | 67.60 | 67.17 | -0.43 | 86.52 | 85.99 | -0.53 |
| 125 | 67.65 | 67.56 | -0.10 | 86.81 | 86.79 | -0.02 |
| 126 | 67.76 | 67.50 | -0.26 | 87.04 | 86.65 | -0.39 |
| 127 | 66.94 | 67.22 | 0.28 | 85.89 | 86.45 | 0.56 |
| 128 | 67.31 | 67.59 | 0.28 | 86.60 | 86.97 | 0.37 |
| 129 | 67.06 | 66.32 | -0.74 | 86.26 | 85.66 | -0.60 |
| 130 | 67.09 | 66.47 | -0.62 | 86.69 | 85.91 | -0.78 |
| 131 | 67.15 | 67.16 | 0.01 | 86.92 | 87.02 | 0.10 |
| 132 | 67.61 | 67.74 | 0.13 | 87.73 | 88.05 | 0.32 |
| 133 | 67.82 | 68.29 | 0.47 | 88.03 | 88.60 | 0.57 |
| 134 | 68.30 | 68.09 | -0.21 | 88.62 | 88.61 | -0.01 |
| 135 | 68.44 | 68.55 | 0.11 | 89.03 | 89.00 | -0.04 |
| 136 | 69.09 | 69.06 | -0.03 | 88.83 | 88.90 | 0.07 |
| 137 | 69.02 | 68.87 | -0.14 | 88.95 | 88.98 | 0.02 |
| 138 | 68.82 | 68.62 | -0.20 | 88.62 | 88.29 | -0.33 |
| 139 | 68.13 | 68.32 | 0.20 | 88.12 | 88.13 | 0.01 |
| 140 | 68.44 | 67.79 | -0.65 | 88.08 | 87.41 | -0.67 |
| 141 | 67.38 | 66.43 | -0.95 | 87.49 | 86.59 | -0.90 |
| 142 | 66.13 | 66.13 | 0.00 | 86.18 | 86.22 | 0.04 |
| 143 | 66.55 | 67.12 | 0.56 | 86.64 | 87.35 | 0.71 |
| 144 | 67.17 | 67.57 | 0.41 | 87.45 | 87.93 | 0.48 |
| 145 | 67.41 | 67.73 | 0.32 | 87.65 | 87.87 | 0.22 |
| 146 | 67.92 | 67.62 | -0.29 | 88.35 | 88.02 | -0.32 |
| 147 | 67.61 | 67.47 | -0.14 | 88.12 | 87.71 | -0.41 |
| 148 | 67.45 | 67.34 | -0.12 | 87.75 | 87.59 | -0.16 |
| 149 | 67.77 | 67.82 | 0.05 | 87.78 | 87.70 | -0.09 |
| 150 | 67.89 | 67.14 | -0.75 | 87.75 | 86.73 | -1.02 |
| 151 | 66.96 | 66.86 | -0.10 | 86.61 | 86.67 | 0.06 |
| 152 | 67.20 | 67.72 | 0.52 | 87.23 | 87.66 | 0.42 |
| 153 | 67.37 | 67.27 | -0.10 | 86.91 | 86.67 | -0.24 |
| 154 | 66.88 | 67.34 | 0.46 | 86.05 | 86.64 | 0.59 |
| 155 | 67.29 | 67.23 | -0.05 | 86.62 | 86.62 | 0.00 |
| 156 | 67.16 | 67.53 | 0.36 | 86.58 | 86.95 | 0.37 |
| 157 | 67.28 | 67.95 | 0.67 | 86.59 | 87.44 | 0.85 |
| 158 | 67.82 | 67.70 | -0.12 | 87.24 | 87.16 | -0.08 |
| 159 | 67.39 | 67.27 | -0.12 | 86.67 | 86.45 | -0.22 |
| 160 | 66.82 | 65.85 | -0.97 | 85.65 | 84.53 | -1.12 |
| 161 | 65.20 | 63.92 | -1.27 | 83.75 | 82.08 | -1.68 |
| 162 | 60.46 | 61.26 | 0.80 | 77.71 | 78.97 | 1.26 |
| 163 | 63.14 | 60.54 | -2.60 | 81.51 | 77.94 | -3.57 |
| 164 | 62.00 | 62.68 | 0.68 | 80.01 | 81.08 | 1.07 |
| 165 | 63.45 | 64.25 | 0.81 | 82.10 | 82.77 | 0.67 |
| 166 | 64.00 | 64.29 | 0.30 | 82.43 | 82.66 | 0.23 |
| 167 | 63.99 | 63.70 | -0.29 | 82.28 | 81.95 | -0.33 |
| 168 | 62.41 | 61.87 | -0.53 | 80.19 | 79.61 | -0.58 |
| 169 | 62.70 | 62.99 | 0.29 | 80.70 | 81.15 | 0.45 |
| 170 | 63.26 | 63.10 | -0.17 | 81.56 | 81.22 | -0.34 |
| 171 | 62.29 | 62.13 | -0.16 | 80.12 | 79.88 | -0.25 |
| 172 | 63.20 | 63.70 | 0.50 | 81.39 | 82.17 | 0.79 |
| 173 | 64.29 | 63.02 | -1.27 | 82.96 | 81.00 | -1.96 |
| 174 | 62.95 | 63.22 | 0.27 | 80.89 | 81.40 | 0.51 |
| 175 | 62.95 | 63.63 | 0.68 | 81.11 | 81.83 | 0.72 |
| 176 | 63.66 | 63.30 | -0.36 | 81.91 | 81.40 | -0.51 |
| 177 | 63.54 | 64.13 | 0.60 | 81.70 | 82.55 | 0.85 |
| 178 | 64.17 | 64.72 | 0.54 | 82.68 | 83.16 | 0.47 |
| 179 | 64.72 | 64.81 | 0.09 | 83.10 | 82.95 | -0.15 |
| 180 | 64.06 | 63.74 | -0.31 | 81.90 | 81.44 | -0.46 |
| 181 | 64.06 | 63.82 | -0.25 | 81.96 | 81.88 | -0.08 |
| 182 | 63.03 | 62.89 | -0.15 | 80.85 | 81.04 | 0.19 |
| 183 | 62.93 | 62.68 | -0.25 | 81.09 | 80.78 | -0.31 |
| 184 | 62.19 | 62.34 | 0.15 | 80.05 | 80.20 | 0.15 |
| 185 | 62.90 | 62.10 | -0.81 | 81.14 | 80.41 | -0.73 |
| 186 | 61.66 | 60.29 | -1.38 | 79.91 | 78.58 | -1.33 |
| 187 | 60.36 | 60.57 | 0.21 | 78.71 | 78.96 | 0.25 |
| 188 | 61.25 | 61.74 | 0.49 | 79.86 | 80.23 | 0.36 |
| 189 | 61.76 | 61.68 | -0.08 | 80.39 | 80.41 | 0.02 |
| 190 | 60.98 | 62.75 | 1.77 | 79.31 | 81.35 | 2.04 |
| 191 | 63.20 | 63.89 | 0.69 | 81.90 | 82.87 | 0.98 |
| 192 | 63.55 | 63.37 | -0.18 | 82.79 | 82.61 | -0.18 |
| 193 | 63.73 | 64.02 | 0.29 | 83.06 | 83.44 | 0.38 |
| 194 | 63.86 | 64.53 | 0.67 | 83.21 | 84.14 | 0.93 |
| 195 | 64.56 | 64.51 | -0.05 | 84.19 | 84.20 | 0.01 |
| 196 | 64.49 | 64.53 | 0.04 | 84.33 | 84.61 | 0.28 |
| 197 | 64.16 | 64.03 | -0.13 | 84.20 | 84.20 | 0.00 |
| 198 | 64.08 | 63.86 | -0.22 | 84.09 | 83.34 | -0.75 |
| 199 | 64.05 | 64.80 | 0.75 | 83.51 | 84.47 | 0.96 |
| 200 | 65.00 | 64.99 | -0.02 | 84.83 | 84.76 | -0.07 |
| 201 | 64.76 | 65.06 | 0.30 | 84.50 | 84.93 | 0.43 |
| 202 | 64.95 | 64.86 | -0.09 | 84.65 | 84.62 | -0.03 |
| 203 | 65.30 | 64.32 | -0.98 | 84.97 | 84.28 | -0.69 |
| 204 | 64.66 | 65.13 | 0.47 | 84.91 | 85.97 | 1.06 |
| 205 | 66.00 | 65.73 | -0.27 | 86.71 | 86.84 | 0.12 |
| 206 | 65.73 | 65.64 | -0.09 | 86.85 | 87.03 | 0.18 |
| 207 | 65.28 | 65.45 | 0.18 | 86.77 | 86.95 | 0.17 |
| 208 | 65.66 | 66.35 | 0.70 | 87.14 | 87.77 | 0.63 |
| 209 | 66.07 | 66.27 | 0.21 | 87.65 | 87.52 | -0.13 |
| 210 | 66.29 | 66.05 | -0.24 | 87.59 | 87.02 | -0.57 |
| 211 | 66.16 | 66.96 | 0.80 | 87.20 | 87.73 | 0.53 |
| 212 | 66.76 | 67.01 | 0.25 | 87.51 | 87.95 | 0.44 |
| 213 | 67.11 | 66.88 | -0.22 | 88.12 | 87.74 | -0.38 |
| 214 | 66.85 | 66.72 | -0.13 | 87.87 | 87.81 | -0.06 |
| 215 | 66.66 | 66.85 | 0.19 | 87.76 | 88.07 | 0.31 |
| 216 | 66.66 | 66.25 | -0.42 | 87.75 | 87.23 | -0.52 |
| 217 | 66.07 | 66.40 | 0.33 | 87.09 | 87.42 | 0.33 |
| 218 | 66.52 | 66.24 | -0.28 | 87.67 | 87.24 | -0.43 |
| 219 | 65.81 | 65.20 | -0.60 | 86.72 | 85.81 | -0.91 |
| 220 | 65.14 | 64.73 | -0.40 | 85.58 | 85.01 | -0.57 |
| 221 | 64.67 | 65.64 | 0.97 | 84.87 | 86.13 | 1.25 |
| 222 | 65.61 | 65.53 | -0.08 | 86.39 | 86.38 | -0.01 |
| 223 | 65.70 | 66.53 | 0.84 | 86.55 | 87.67 | 1.11 |
| 224 | 66.45 | 66.37 | -0.07 | 87.57 | 87.79 | 0.22 |
| 225 | 66.75 | 66.79 | 0.04 | 88.19 | 88.27 | 0.08 |
| 226 | 66.82 | 66.83 | 0.02 | 88.25 | 88.18 | -0.07 |
| 227 | 66.46 | 66.92 | 0.46 | 87.56 | 88.09 | 0.53 |
| 228 | 66.95 | 67.01 | 0.05 | 88.19 | 88.09 | -0.10 |
| 229 | 67.00 | 67.23 | 0.23 | 88.00 | 88.05 | 0.04 |
| 230 | 67.27 | 66.84 | -0.43 | 88.14 | 87.54 | -0.60 |
| 231 | 67.08 | 67.56 | 0.47 | 87.91 | 88.47 | 0.55 |
| 232 | 67.48 | 66.75 | -0.72 | 88.35 | 87.77 | -0.57 |
| 233 | 66.99 | 65.76 | -1.23 | 87.92 | 86.45 | -1.47 |
| 234 | 65.88 | 67.06 | 1.18 | 86.69 | 88.50 | 1.81 |
| 235 | 66.82 | 66.34 | -0.48 | 88.35 | 87.87 | -0.48 |
| 236 | 65.75 | 65.97 | 0.22 | 87.12 | 87.16 | 0.04 |
| 237 | 65.79 | 65.47 | -0.32 | 87.04 | 86.73 | -0.31 |
| 238 | 65.52 | 65.61 | 0.09 | 86.80 | 87.03 | 0.23 |
| 239 | 64.81 | 64.49 | -0.32 | 86.13 | 85.44 | -0.70 |
| 240 | 64.50 | 64.57 | 0.07 | 85.54 | 85.92 | 0.38 |
| 241 | 65.03 | 65.23 | 0.19 | 86.58 | 86.69 | 0.11 |
| 242 | 65.62 | 66.17 | 0.55 | 87.42 | 88.01 | 0.59 |
| 243 | 66.31 | 65.31 | -1.00 | 88.15 | 86.80 | -1.35 |
| 244 | 65.02 | 64.37 | -0.65 | 86.42 | 85.01 | -1.41 |
| 245 | 64.80 | 64.84 | 0.03 | 85.61 | 85.65 | 0.04 |
| 246 | 65.11 | 65.41 | 0.30 | 86.07 | 86.55 | 0.48 |
| 247 | 65.78 | 66.21 | 0.43 | 87.04 | 87.31 | 0.27 |
| 248 | 66.17 | 66.19 | 0.02 | 87.19 | 87.15 | -0.05 |
| 249 | 65.97 | 66.15 | 0.17 | 86.92 | 87.08 | 0.16 |
| 250 | 66.50 | 66.84 | 0.33 | 87.50 | 88.06 | 0.56 |
| 251 | 66.70 | 66.37 | -0.33 | 87.98 | 87.48 | -0.51 |
| 252 | 66.09 | 65.75 | -0.35 | 87.17 | 86.61 | -0.56 |
| 253 | 64.69 | 64.60 | -0.09 | 85.08 | 85.12 | 0.04 |
| 254 | 64.74 | 64.65 | -0.09 | 85.28 | 85.15 | -0.13 |
| 255 | 63.75 | 63.61 | -0.14 | 83.98 | 84.05 | 0.07 |
| 256 | 62.47 | 62.02 | -0.44 | 82.70 | 82.06 | -0.64 |
| 257 | 62.36 | 61.27 | -1.08 | 82.54 | 81.21 | -1.33 |
| 258 | 61.57 | 61.12 | -0.45 | 81.56 | 81.42 | -0.13 |
| 259 | 61.65 | 61.52 | -0.13 | 82.07 | 82.05 | -0.03 |
| 260 | 61.76 | 59.97 | -1.79 | 82.37 | 80.05 | -2.32 |
| 261 | 60.17 | 60.91 | 0.74 | 80.33 | 81.20 | 0.87 |
| 262 | 59.31 | 59.70 | 0.39 | 78.93 | 79.40 | 0.46 |
| 263 | 60.33 | 59.54 | -0.79 | 80.27 | 79.67 | -0.60 |
| 264 | 58.66 | 59.11 | 0.44 | 78.23 | 78.68 | 0.45 |
| 265 | 59.28 | 59.35 | 0.07 | 78.86 | 79.06 | 0.21 |
| 266 | 60.31 | 60.58 | 0.27 | 80.04 | 80.03 | -0.01 |
| 267 | 60.36 | 59.53 | -0.83 | 79.96 | 79.09 | -0.87 |
| 268 | 59.79 | 60.35 | 0.56 | 79.40 | 80.34 | 0.93 |
| 269 | 60.39 | 59.82 | -0.58 | 79.96 | 79.23 | -0.73 |
| 270 | 60.36 | 59.87 | -0.49 | 79.74 | 79.57 | -0.16 |
| 271 | 60.21 | 61.45 | 1.23 | 80.29 | 81.78 | 1.49 |
| 272 | 61.08 | 61.59 | 0.51 | 81.27 | 81.84 | 0.57 |
| 273 | 61.17 | 60.50 | -0.67 | 81.06 | 80.40 | -0.66 |
| 274 | 60.89 | 60.63 | -0.26 | 80.90 | 81.11 | 0.22 |
| 275 | 60.53 | 60.87 | 0.34 | 80.94 | 81.48 | 0.54 |
| 276 | 60.65 | 59.61 | -1.04 | 81.27 | 80.04 | -1.23 |
| 277 | 58.88 | 58.34 | -0.54 | 79.01 | 78.78 | -0.23 |
| 278 | 57.69 | 58.44 | 0.75 | 77.86 | 78.97 | 1.11 |
| 279 | 58.79 | 58.51 | -0.28 | 79.28 | 78.63 | -0.65 |
| 280 | 57.44 | 57.42 | -0.02 | 77.21 | 77.29 | 0.08 |
| 281 | 57.91 | 58.58 | 0.66 | 77.94 | 78.86 | 0.93 |
| 282 | 59.23 | 59.83 | 0.60 | 79.70 | 80.05 | 0.36 |
| 283 | 60.20 | 60.93 | 0.73 | 80.58 | 81.41 | 0.83 |
| 284 | 61.02 | 60.64 | -0.37 | 81.49 | 81.18 | -0.31 |
| 285 | 60.40 | 60.67 | 0.27 | 80.98 | 81.14 | 0.16 |
| 286 | 61.18 | 61.70 | 0.52 | 81.45 | 82.00 | 0.54 |
| 287 | 61.48 | 60.98 | -0.49 | 81.88 | 81.18 | -0.70 |
| 288 | 60.39 | 61.28 | 0.90 | 80.43 | 81.29 | 0.87 |
| 289 | 61.54 | 62.06 | 0.52 | 81.77 | 82.40 | 0.64 |
| 290 | 62.27 | 62.00 | -0.27 | 82.76 | 82.17 | -0.59 |
| 291 | 61.88 | 61.53 | -0.35 | 82.05 | 81.41 | -0.64 |
| 292 | 61.95 | 62.99 | 1.04 | 82.07 | 83.41 | 1.34 |
| 293 | 62.84 | 63.25 | 0.41 | 83.21 | 83.49 | 0.28 |
| 294 | 63.15 | 63.47 | 0.31 | 83.42 | 83.68 | 0.26 |
| 295 | 63.61 | 63.76 | 0.14 | 83.83 | 83.94 | 0.11 |
| 296 | 63.43 | 63.99 | 0.56 | 83.59 | 84.06 | 0.47 |
| 297 | 63.53 | 63.09 | -0.43 | 83.55 | 83.56 | 0.01 |
| 298 | 63.32 | 63.37 | 0.05 | 83.79 | 83.57 | -0.21 |
| 299 | 63.59 | 63.38 | -0.21 | 83.86 | 83.56 | -0.31 |
| 300 | 63.99 | 64.68 | 0.69 | 84.28 | 84.74 | 0.47 |
| 301 | 64.45 | 64.52 | 0.07 | 84.58 | 84.84 | 0.25 |
| 302 | 64.12 | 64.18 | 0.06 | 84.37 | 84.87 | 0.50 |
| 303 | 63.99 | 64.78 | 0.79 | 84.68 | 85.24 | 0.56 |
| 304 | 64.85 | 65.42 | 0.56 | 85.20 | 85.93 | 0.73 |
| 305 | 65.66 | 65.80 | 0.14 | 86.26 | 86.57 | 0.31 |
| 306 | 65.68 | 65.81 | 0.13 | 86.42 | 86.78 | 0.36 |
| 307 | 65.51 | 65.82 | 0.31 | 86.51 | 86.73 | 0.23 |
| 308 | 65.75 | 65.22 | -0.53 | 86.55 | 86.29 | -0.26 |
| 309 | 64.81 | 65.21 | 0.39 | 85.87 | 86.34 | 0.46 |
| 310 | 65.34 | 65.26 | -0.08 | 86.47 | 86.43 | -0.05 |
| 311 | 65.07 | 66.08 | 1.01 | 86.21 | 86.83 | 0.62 |
| 312 | 66.39 | 66.19 | -0.20 | 87.30 | 87.27 | -0.02 |
| 313 | 66.17 | 66.24 | 0.07 | 87.27 | 87.17 | -0.10 |
| 314 | 65.79 | 66.72 | 0.93 | 86.77 | 87.98 | 1.21 |
| 315 | 66.73 | 66.43 | -0.30 | 87.98 | 87.65 | -0.33 |
| 316 | 65.94 | 65.77 | -0.17 | 87.11 | 86.95 | -0.16 |
| 317 | 65.78 | 66.52 | 0.74 | 86.95 | 87.60 | 0.65 |
| 318 | 66.14 | 65.61 | -0.53 | 87.08 | 86.68 | -0.40 |
| 319 | 66.14 | 65.85 | -0.29 | 87.11 | 86.73 | -0.37 |
| 320 | 66.08 | 65.71 | -0.37 | 86.97 | 86.62 | -0.35 |
| 321 | 65.82 | 66.39 | 0.57 | 86.72 | 87.38 | 0.66 |
| 322 | 66.75 | 67.14 | 0.39 | 87.91 | 88.36 | 0.45 |
| 323 | 67.14 | 67.03 | -0.11 | 88.38 | 88.41 | 0.02 |
| 324 | 67.00 | 67.15 | 0.15 | 88.44 | 88.38 | -0.06 |
| 325 | 66.95 | 67.70 | 0.75 | 88.25 | 89.02 | 0.76 |
| 326 | 67.62 | 67.66 | 0.04 | 89.05 | 89.18 | 0.13 |
| 327 | 67.71 | 67.49 | -0.22 | 89.16 | 89.27 | 0.11 |
| 328 | 67.55 | 67.34 | -0.21 | 89.17 | 88.82 | -0.35 |
| 329 | 67.06 | 67.28 | 0.22 | 88.72 | 88.79 | 0.07 |
| 330 | 67.08 | 67.07 | -0.01 | 88.55 | 88.69 | 0.14 |
| 331 | 67.17 | 67.20 | 0.03 | 88.79 | 88.78 | -0.02 |
| 332 | 67.18 | 67.45 | 0.28 | 88.76 | 89.02 | 0.26 |
| 333 | 67.07 | 66.73 | -0.34 | 88.51 | 88.14 | -0.37 |
| 334 | 66.41 | 66.25 | -0.16 | 87.88 | 87.78 | -0.10 |
| 335 | 66.37 | 66.69 | 0.31 | 87.96 | 88.39 | 0.43 |
| 336 | 66.24 | 65.99 | -0.25 | 87.74 | 87.62 | -0.12 |
| 337 | 65.61 | 65.67 | 0.06 | 87.00 | 87.08 | 0.08 |
| 338 | 65.83 | 65.75 | -0.08 | 87.23 | 87.14 | -0.09 |
| 339 | 65.46 | 65.85 | 0.39 | 86.87 | 87.47 | 0.60 |
| 340 | 65.84 | 65.94 | 0.10 | 87.41 | 87.43 | 0.02 |
| 341 | 66.20 | 66.74 | 0.53 | 87.78 | 88.55 | 0.78 |
| 342 | 66.64 | 66.06 | -0.57 | 88.26 | 87.44 | -0.82 |
| 343 | 66.34 | 65.88 | -0.46 | 87.78 | 87.46 | -0.31 |
| 344 | 65.75 | 65.44 | -0.30 | 87.27 | 86.62 | -0.65 |
| 345 | 65.52 | 66.13 | 0.61 | 86.60 | 87.39 | 0.78 |
| 346 | 66.01 | 65.53 | -0.49 | 87.18 | 86.44 | -0.75 |
| 347 | 65.33 | 65.41 | 0.07 | 86.15 | 86.46 | 0.31 |
| 348 | 65.12 | 65.04 | -0.08 | 86.30 | 86.02 | -0.28 |
| 349 | 65.34 | 65.62 | 0.28 | 86.28 | 86.36 | 0.08 |
| 350 | 65.62 | 65.61 | -0.01 | 86.33 | 86.30 | -0.02 |
| 351 | 65.91 | 66.60 | 0.69 | 86.69 | 87.46 | 0.76 |
| 352 | 66.80 | 67.15 | 0.35 | 87.72 | 88.17 | 0.45 |
| 353 | 67.19 | 67.09 | -0.10 | 88.19 | 88.03 | -0.15 |
| 354 | 67.11 | 67.39 | 0.27 | 88.07 | 88.28 | 0.21 |
| 355 | 67.52 | 67.48 | -0.05 | 88.39 | 87.97 | -0.41 |
| 356 | 67.17 | 67.61 | 0.44 | 87.59 | 87.99 | 0.40 |
| 357 | 67.48 | 67.89 | 0.41 | 87.90 | 88.33 | 0.43 |
| 358 | 67.85 | 67.68 | -0.18 | 88.00 | 88.17 | 0.17 |
| 359 | 67.81 | 68.02 | 0.21 | 88.34 | 88.72 | 0.38 |
| 360 | 67.94 | 67.95 | 0.02 | 88.81 | 88.64 | -0.17 |
| 361 | 68.05 | 68.30 | 0.25 | 88.66 | 88.96 | 0.31 |
| 362 | 67.95 | 68.15 | 0.20 | 88.63 | 88.84 | 0.20 |
| 363 | 67.58 | 67.35 | -0.23 | 88.29 | 88.20 | -0.08 |
| 364 | 67.09 | 66.75 | -0.34 | 87.86 | 87.47 | -0.39 |
| 365 | 66.56 | 66.54 | -0.02 | 87.26 | 87.20 | -0.06 |
| 366 | 66.72 | 66.51 | -0.21 | 87.42 | 87.08 | -0.34 |
| 367 | 66.18 | 66.62 | 0.44 | 86.69 | 87.45 | 0.75 |
| 368 | 66.61 | 66.31 | -0.30 | 87.47 | 87.13 | -0.35 |
| 369 | 67.02 | 66.87 | -0.15 | 88.03 | 87.80 | -0.23 |
| 370 | 67.01 | 66.87 | -0.13 | 88.06 | 87.86 | -0.21 |
| 371 | 66.96 | 66.79 | -0.17 | 87.90 | 87.62 | -0.29 |
| 372 | 67.34 | 67.74 | 0.41 | 88.46 | 88.78 | 0.32 |
| 373 | 65.44 | 64.91 | -0.53 | 85.87 | 85.62 | -0.25 |
| 374 | 64.38 | 63.42 | -0.96 | 84.94 | 84.27 | -0.67 |
| 375 | 64.10 | 64.50 | 0.40 | 85.14 | 85.63 | 0.49 |
| 376 | 65.05 | 65.58 | 0.53 | 86.27 | 86.98 | 0.71 |
| 377 | 65.72 | 66.52 | 0.79 | 87.19 | 88.09 | 0.90 |
| 378 | 66.57 | 66.66 | 0.09 | 88.06 | 88.28 | 0.22 |
| 379 | 66.25 | 66.07 | -0.18 | 87.85 | 87.80 | -0.05 |
| 380 | 65.77 | 66.40 | 0.63 | 87.51 | 88.19 | 0.68 |
| 381 | 66.47 | 66.29 | -0.19 | 88.20 | 88.15 | -0.06 |
| 382 | 66.80 | 67.57 | 0.77 | 88.83 | 89.56 | 0.73 |
| 383 | 67.79 | 67.79 | 0.00 | 89.77 | 89.90 | 0.13 |
| 384 | 68.17 | 68.54 | 0.37 | 90.21 | 90.47 | 0.26 |
| 385 | 68.72 | 68.55 | -0.16 | 90.68 | 90.53 | -0.15 |
| 386 | 68.99 | 68.95 | -0.04 | 91.17 | 91.22 | 0.05 |
| 387 | 69.18 | 68.97 | -0.21 | 91.55 | 91.26 | -0.29 |
| 388 | 69.04 | 69.22 | 0.18 | 91.31 | 91.35 | 0.04 |
| 389 | 69.02 | 69.02 | 0.00 | 91.25 | 91.48 | 0.23 |
| 390 | 69.17 | 69.41 | 0.25 | 91.76 | 91.77 | 0.02 |
| 391 | 69.43 | 69.41 | -0.02 | 91.67 | 91.36 | -0.31 |
| 392 | 69.52 | 69.92 | 0.40 | 91.30 | 91.65 | 0.35 |
| 393 | 69.82 | 69.70 | -0.12 | 91.55 | 91.47 | -0.08 |
| 394 | 69.66 | 69.95 | 0.29 | 91.25 | 91.35 | 0.11 |
| 395 | 70.01 | 69.97 | -0.04 | 91.39 | 91.29 | -0.09 |
| 396 | 69.95 | 70.23 | 0.28 | 91.11 | 91.30 | 0.19 |
| 397 | 70.27 | 70.49 | 0.22 | 91.22 | 91.22 | 0.00 |
| 398 | 70.47 | 70.51 | 0.04 | 91.24 | 91.29 | 0.06 |
| 399 | 70.42 | 70.07 | -0.36 | 91.30 | 90.84 | -0.46 |
| 400 | 70.01 | 70.26 | 0.25 | 90.83 | 91.00 | 0.17 |
| 401 | 70.19 | 70.23 | 0.04 | 91.00 | 90.97 | -0.02 |
| 402 | 70.36 | 70.80 | 0.44 | 91.39 | 91.89 | 0.50 |
| 403 | 70.88 | 70.80 | -0.08 | 91.85 | 91.69 | -0.16 |
| 404 | 70.83 | 70.80 | -0.03 | 91.75 | 91.67 | -0.08 |
| 405 | 70.87 | 70.68 | -0.19 | 91.69 | 91.55 | -0.14 |
| 406 | 70.88 | 70.99 | 0.11 | 91.82 | 92.16 | 0.34 |
| 407 | 70.84 | 70.88 | 0.04 | 91.94 | 91.92 | -0.03 |
| 408 | 70.97 | 71.19 | 0.21 | 91.95 | 92.11 | 0.16 |
| 409 | 71.05 | 70.69 | -0.35 | 91.89 | 91.58 | -0.31 |
| 410 | 70.66 | 70.74 | 0.07 | 91.50 | 91.69 | 0.19 |
| 411 | 70.69 | 71.05 | 0.35 | 91.57 | 91.76 | 0.20 |
| 412 | 70.82 | 71.10 | 0.28 | 91.46 | 91.61 | 0.15 |
| 413 | 70.96 | 71.09 | 0.13 | 91.56 | 91.58 | 0.03 |
| 414 | 71.39 | 71.31 | -0.08 | 91.89 | 91.73 | -0.17 |
| 415 | 71.21 | 70.72 | -0.49 | 91.64 | 91.26 | -0.38 |
| 416 | 70.65 | 70.79 | 0.15 | 91.19 | 91.23 | 0.04 |
| 417 | 70.95 | 70.74 | -0.22 | 91.43 | 91.07 | -0.36 |
| 418 | 70.79 | 71.05 | 0.26 | 91.27 | 91.53 | 0.26 |
| 419 | 71.03 | 70.92 | -0.11 | 91.49 | 91.33 | -0.16 |
| 420 | 70.84 | 70.70 | -0.15 | 91.26 | 91.10 | -0.16 |
| 421 | 70.72 | 70.66 | -0.06 | 91.01 | 91.06 | 0.04 |
| 422 | 71.02 | 71.08 | 0.05 | 91.33 | 91.32 | -0.01 |
| 423 | 71.12 | 71.18 | 0.06 | 91.42 | 91.51 | 0.09 |
| 424 | 71.08 | 71.30 | 0.22 | 91.29 | 91.38 | 0.08 |
| 425 | 71.15 | 71.00 | -0.16 | 91.08 | 91.16 | 0.07 |
| 426 | 70.42 | 69.02 | -1.40 | 90.57 | 89.30 | -1.27 |
| 427 | 68.67 | 70.01 | 1.34 | 88.86 | 90.56 | 1.70 |
| 428 | 69.45 | 68.90 | -0.55 | 89.89 | 89.24 | -0.65 |
| 429 | 68.96 | 68.92 | -0.04 | 89.25 | 89.22 | -0.04 |
| 430 | 68.90 | 69.72 | 0.82 | 89.09 | 90.05 | 0.97 |
| 431 | 69.51 | 69.54 | 0.03 | 89.87 | 89.77 | -0.10 |
| 432 | 69.84 | 69.74 | -0.10 | 90.10 | 89.74 | -0.35 |
| 433 | 70.07 | 69.71 | -0.36 | 90.25 | 89.93 | -0.33 |
| 434 | 70.05 | 70.69 | 0.65 | 90.21 | 90.67 | 0.46 |
| 435 | 71.07 | 71.24 | 0.17 | 91.06 | 91.19 | 0.13 |
| 436 | 70.95 | 70.73 | -0.22 | 90.95 | 90.41 | -0.55 |
| 437 | 70.47 | 70.24 | -0.23 | 90.03 | 89.58 | -0.46 |
| 438 | 70.17 | 70.63 | 0.45 | 89.51 | 90.16 | 0.65 |
| 439 | 70.72 | 70.97 | 0.26 | 90.29 | 90.46 | 0.17 |
| 440 | 70.83 | 70.27 | -0.56 | 90.38 | 89.44 | -0.94 |
| 441 | 70.59 | 70.91 | 0.32 | 89.85 | 90.17 | 0.32 |
| 442 | 70.74 | 70.55 | -0.20 | 89.87 | 89.91 | 0.04 |
| 443 | 70.65 | 70.15 | -0.50 | 89.96 | 89.61 | -0.35 |
| 444 | 70.41 | 70.37 | -0.05 | 89.67 | 89.94 | 0.27 |
| 445 | 70.28 | 70.50 | 0.22 | 89.89 | 89.98 | 0.09 |
| 446 | 70.65 | 70.17 | -0.48 | 89.84 | 89.61 | -0.22 |
| 447 | 70.48 | 70.53 | 0.05 | 90.10 | 90.08 | -0.01 |
| 448 | 70.02 | 69.21 | -0.80 | 89.79 | 88.92 | -0.87 |
| 449 | 69.29 | 69.15 | -0.14 | 88.96 | 89.04 | 0.09 |
| 450 | 68.65 | 68.91 | 0.25 | 88.55 | 88.86 | 0.31 |
| 451 | 69.28 | 68.84 | -0.44 | 89.46 | 89.09 | -0.37 |
| 452 | 68.85 | 68.79 | -0.06 | 89.07 | 88.78 | -0.29 |
| 453 | 69.42 | 69.35 | -0.07 | 89.37 | 89.12 | -0.24 |
| 454 | 69.48 | 69.64 | 0.15 | 89.25 | 89.29 | 0.04 |
| 455 | 69.58 | 69.54 | -0.04 | 89.19 | 89.11 | -0.08 |
| 456 | 69.14 | 69.36 | 0.22 | 88.75 | 89.10 | 0.35 |
| 457 | 69.81 | 69.77 | -0.04 | 89.61 | 89.49 | -0.12 |
| 458 | 69.54 | 69.06 | -0.48 | 89.45 | 89.11 | -0.34 |
| 459 | 68.84 | 68.89 | 0.05 | 88.87 | 89.37 | 0.51 |
| 460 | 69.17 | 68.52 | -0.65 | 89.68 | 89.36 | -0.32 |
| 461 | 68.65 | 68.44 | -0.20 | 89.27 | 88.73 | -0.53 |
| 462 | 68.66 | 68.47 | -0.20 | 88.92 | 88.53 | -0.38 |
| 463 | 68.57 | 67.97 | -0.59 | 88.64 | 88.00 | -0.64 |
| 464 | 67.86 | 67.47 | -0.39 | 87.83 | 87.57 | -0.26 |
| 465 | 67.56 | 67.31 | -0.25 | 87.78 | 87.33 | -0.45 |
| 466 | 67.25 | 67.61 | 0.36 | 87.30 | 87.16 | -0.14 |
| 467 | 68.66 | 69.22 | 0.57 | 88.33 | 89.06 | 0.74 |
| 468 | 69.05 | 69.51 | 0.46 | 88.93 | 89.37 | 0.43 |
| 469 | 69.12 | 70.10 | 0.98 | 89.02 | 90.79 | 1.76 |
| 470 | 70.48 | 70.21 | -0.26 | 91.34 | 91.88 | 0.53 |
| 471 | 70.02 | 70.27 | 0.25 | 91.68 | 92.15 | 0.46 |
| 472 | 70.43 | 70.44 | 0.01 | 92.31 | 92.22 | -0.09 |
| 473 | 70.60 | 71.09 | 0.49 | 92.19 | 92.40 | 0.21 |
| 474 | 70.91 | 70.92 | 0.01 | 92.14 | 92.09 | -0.05 |
| 475 | 71.00 | 71.19 | 0.19 | 92.08 | 92.41 | 0.33 |
| 476 | 71.19 | 71.05 | -0.14 | 92.47 | 92.19 | -0.28 |
| 477 | 71.31 | 71.53 | 0.22 | 92.35 | 92.45 | 0.10 |
| 478 | 71.77 | 71.88 | 0.11 | 92.65 | 92.71 | 0.06 |
| 479 | 71.46 | 71.84 | 0.38 | 92.63 | 92.98 | 0.35 |
| 480 | 71.93 | 72.08 | 0.16 | 93.10 | 93.27 | 0.17 |
| 481 | 71.94 | 71.76 | -0.17 | 93.01 | 93.02 | 0.01 |
| 482 | 71.70 | 71.84 | 0.14 | 93.08 | 93.16 | 0.08 |
| 483 | 72.03 | 71.59 | -0.44 | 93.29 | 93.03 | -0.27 |
| 484 | 71.69 | 71.16 | -0.53 | 93.16 | 93.20 | 0.04 |
| 485 | 71.16 | 71.33 | 0.17 | 93.02 | 93.07 | 0.04 |
| 486 | 71.74 | 71.81 | 0.07 | 93.55 | 93.50 | -0.05 |
| 487 | 71.88 | 71.99 | 0.11 | 93.66 | 93.68 | 0.03 |
| 488 | 71.88 | 72.87 | 0.99 | 93.59 | 95.03 | 1.44 |
| 489 | 72.83 | 73.26 | 0.43 | 95.04 | 95.30 | 0.26 |
| 490 | 73.52 | 73.61 | 0.09 | 95.34 | 95.95 | 0.60 |
| 491 | 73.51 | 73.43 | -0.08 | 95.84 | 96.11 | 0.27 |
| 492 | 73.68 | 73.75 | 0.07 | 96.41 | 96.73 | 0.32 |
| 493 | 73.64 | 73.04 | -0.60 | 96.57 | 96.25 | -0.33 |
| 494 | 73.07 | 73.46 | 0.39 | 96.41 | 96.53 | 0.12 |
| 495 | 73.69 | 73.28 | -0.41 | 96.72 | 96.38 | -0.34 |
| 496 | 73.34 | 73.35 | 0.01 | 96.43 | 96.50 | 0.06 |
| 497 | 73.52 | 73.69 | 0.17 | 96.74 | 96.95 | 0.21 |
| 498 | 73.68 | 73.46 | -0.22 | 96.85 | 96.77 | -0.08 |
| 499 | 73.38 | 73.21 | -0.16 | 96.74 | 96.62 | -0.12 |
| 500 | 73.19 | 73.44 | 0.25 | 96.59 | 96.72 | 0.14 |
| 501 | 73.62 | 73.75 | 0.14 | 96.79 | 96.78 | -0.01 |
| 502 | 73.84 | 72.90 | -0.94 | 96.87 | 96.19 | -0.68 |
| 503 | 72.87 | 72.92 | 0.05 | 96.22 | 96.12 | -0.10 |
| 504 | 73.03 | 72.62 | -0.41 | 96.24 | 95.82 | -0.42 |
| 505 | 73.07 | 73.13 | 0.06 | 96.50 | 96.57 | 0.07 |
| 506 | 73.37 | 73.81 | 0.44 | 96.75 | 97.07 | 0.32 |
| 507 | 73.71 | 73.63 | -0.08 | 96.94 | 96.88 | -0.05 |
| 508 | 73.74 | 74.09 | 0.35 | 97.10 | 97.38 | 0.28 |
| 509 | 74.01 | 73.81 | -0.19 | 97.24 | 97.13 | -0.11 |
| 510 | 73.99 | 74.09 | 0.10 | 97.05 | 97.06 | 0.01 |
| 511 | 74.09 | 74.27 | 0.18 | 97.22 | 97.51 | 0.29 |
| 512 | 74.10 | 74.19 | 0.08 | 97.22 | 97.15 | -0.08 |
| 513 | 74.24 | 74.34 | 0.10 | 97.25 | 97.19 | -0.06 |
| 514 | 74.19 | 73.96 | -0.23 | 96.93 | 96.77 | -0.17 |
| 515 | 74.08 | 74.22 | 0.14 | 96.82 | 96.78 | -0.04 |
| 516 | 74.18 | 73.85 | -0.33 | 96.81 | 96.40 | -0.41 |
| 517 | 74.14 | 74.06 | -0.08 | 96.79 | 96.87 | 0.09 |
| 518 | 73.94 | 74.06 | 0.12 | 96.68 | 96.72 | 0.05 |
| 519 | 74.23 | 74.79 | 0.56 | 96.73 | 97.25 | 0.52 |
| 520 | 75.10 | 75.43 | 0.33 | 97.77 | 98.10 | 0.32 |
| 521 | 75.41 | 75.29 | -0.12 | 98.17 | 98.25 | 0.09 |
| 522 | 75.29 | 75.20 | -0.09 | 98.40 | 98.51 | 0.11 |
| 523 | 74.92 | 74.56 | -0.36 | 98.22 | 97.96 | -0.26 |
| 524 | 74.36 | 74.58 | 0.22 | 97.53 | 97.50 | -0.03 |
| 525 | 74.78 | 74.68 | -0.09 | 97.73 | 97.62 | -0.11 |
| 526 | 74.42 | 74.66 | 0.24 | 97.40 | 97.56 | 0.16 |
| 527 | 75.17 | 75.50 | 0.33 | 98.30 | 98.70 | 0.41 |
| 528 | 75.36 | 75.32 | -0.04 | 98.37 | 98.51 | 0.14 |
| 529 | 75.46 | 75.24 | -0.22 | 98.87 | 98.77 | -0.10 |
| 530 | 75.10 | 75.41 | 0.32 | 98.57 | 98.70 | 0.13 |
| 531 | 75.46 | 75.84 | 0.38 | 98.68 | 99.28 | 0.60 |
| 532 | 76.04 | 76.20 | 0.16 | 99.47 | 99.75 | 0.28 |
| 533 | 76.43 | 76.49 | 0.06 | 99.95 | 100.41 | 0.46 |
| 534 | 76.31 | 76.67 | 0.36 | 100.24 | 100.90 | 0.66 |
| 535 | 76.61 | 77.08 | 0.46 | 100.86 | 101.53 | 0.68 |
| 536 | 77.13 | 77.14 | 0.01 | 101.56 | 101.66 | 0.10 |
| 537 | 76.94 | 77.30 | 0.36 | 101.26 | 101.78 | 0.52 |
| 538 | 77.35 | 77.79 | 0.44 | 101.93 | 102.32 | 0.39 |
| 539 | 77.61 | 77.68 | 0.07 | 102.12 | 102.57 | 0.45 |
| 540 | 77.85 | 77.41 | -0.44 | 102.76 | 102.74 | -0.02 |
| 541 | 77.15 | 77.69 | 0.54 | 102.34 | 102.85 | 0.51 |
| 542 | 77.62 | 77.95 | 0.32 | 102.67 | 102.87 | 0.20 |
| 543 | 77.78 | 77.63 | -0.15 | 102.71 | 102.72 | 0.01 |
| 544 | 78.25 | 78.79 | 0.54 | 103.65 | 104.27 | 0.62 |
| 545 | 78.71 | 78.19 | -0.52 | 104.26 | 103.69 | -0.57 |
| 546 | 78.16 | 78.28 | 0.12 | 103.67 | 103.77 | 0.09 |
| 547 | 77.92 | 77.95 | 0.03 | 103.37 | 103.53 | 0.16 |
| 548 | 77.79 | 77.73 | -0.06 | 103.34 | 103.38 | 0.03 |
| 549 | 77.75 | 77.54 | -0.22 | 103.48 | 103.23 | -0.26 |
| 550 | 77.50 | 77.49 | -0.01 | 103.28 | 103.21 | -0.07 |
| 551 | 77.84 | 77.80 | -0.03 | 103.66 | 103.52 | -0.14 |
| 552 | 77.83 | 77.89 | 0.06 | 103.54 | 103.43 | -0.10 |
| 553 | 77.64 | 77.54 | -0.09 | 103.17 | 103.25 | 0.09 |
| 554 | 77.78 | 78.36 | 0.58 | 103.41 | 103.76 | 0.35 |
| 555 | 78.30 | 77.95 | -0.36 | 103.98 | 103.64 | -0.34 |
| 556 | 78.06 | 77.97 | -0.09 | 103.40 | 103.13 | -0.27 |
| 557 | 78.00 | 77.82 | -0.17 | 103.19 | 103.06 | -0.13 |
| 558 | 78.06 | 76.76 | -1.31 | 103.38 | 101.78 | -1.60 |
| 559 | 76.79 | 77.02 | 0.23 | 101.66 | 101.73 | 0.07 |
| 560 | 76.89 | 76.95 | 0.07 | 101.65 | 101.68 | 0.04 |
| 561 | 77.17 | 76.82 | -0.35 | 101.86 | 101.38 | -0.48 |
| 562 | 76.18 | 76.65 | 0.47 | 100.62 | 101.17 | 0.56 |
| 563 | 76.58 | 77.12 | 0.54 | 101.08 | 101.82 | 0.73 |
| 564 | 76.99 | 77.19 | 0.20 | 101.60 | 101.50 | -0.10 |
| 565 | 77.20 | 77.37 | 0.17 | 101.50 | 101.84 | 0.34 |
| 566 | 77.24 | 77.41 | 0.17 | 101.68 | 101.59 | -0.09 |
| 567 | 77.50 | 77.24 | -0.26 | 101.66 | 101.48 | -0.18 |
| 568 | 77.08 | 77.15 | 0.07 | 101.40 | 101.61 | 0.21 |
| 569 | 77.42 | 76.87 | -0.55 | 101.93 | 101.42 | -0.51 |
| 570 | 76.89 | 77.24 | 0.34 | 101.44 | 101.46 | 0.03 |
| 571 | 77.13 | 77.16 | 0.03 | 101.38 | 101.47 | 0.10 |
| 572 | 77.25 | 77.24 | -0.01 | 101.54 | 101.45 | -0.09 |
| 573 | 77.12 | 77.26 | 0.15 | 101.36 | 101.47 | 0.11 |
| 574 | 77.21 | 76.73 | -0.48 | 101.49 | 101.12 | -0.37 |
| 575 | 76.63 | 76.24 | -0.39 | 100.92 | 100.51 | -0.42 |
| 576 | 76.41 | 76.99 | 0.59 | 100.69 | 101.46 | 0.78 |
| 577 | 76.65 | 76.75 | 0.10 | 101.06 | 100.87 | -0.19 |
| 578 | 77.00 | 76.93 | -0.07 | 100.90 | 100.38 | -0.52 |
| 579 | 77.21 | 77.53 | 0.31 | 100.55 | 101.21 | 0.66 |
| 580 | 77.46 | 77.31 | -0.14 | 101.40 | 101.08 | -0.32 |
| 581 | 78.14 | 78.21 | 0.07 | 102.09 | 102.24 | 0.15 |
| 582 | 78.55 | 78.90 | 0.35 | 103.01 | 103.37 | 0.37 |
| 583 | 78.86 | 78.78 | -0.08 | 103.42 | 103.30 | -0.12 |
| 584 | 78.85 | 78.84 | 0.00 | 103.30 | 103.29 | -0.01 |
| 585 | 79.15 | 78.83 | -0.33 | 103.37 | 103.09 | -0.28 |
| 586 | 78.98 | 78.99 | 0.01 | 103.17 | 102.88 | -0.30 |
| 587 | 79.24 | 79.08 | -0.16 | 103.05 | 103.09 | 0.04 |
| 588 | 78.91 | 78.88 | -0.03 | 102.95 | 103.02 | 0.07 |
| 589 | 78.95 | 78.96 | 0.02 | 103.26 | 103.09 | -0.16 |
| 590 | 79.44 | 79.66 | 0.23 | 103.05 | 103.26 | 0.20 |
| 591 | 79.57 | 79.44 | -0.14 | 103.16 | 103.08 | -0.08 |
| 592 | 79.51 | 79.36 | -0.15 | 103.15 | 102.98 | -0.17 |
| 593 | 79.43 | 79.69 | 0.26 | 102.69 | 102.74 | 0.05 |
| 594 | 79.46 | 79.46 | 0.00 | 102.57 | 102.60 | 0.02 |
| 595 | 79.34 | 79.27 | -0.07 | 102.45 | 102.49 | 0.04 |
| 596 | 79.42 | 79.82 | 0.40 | 102.58 | 102.93 | 0.35 |
| 597 | 79.94 | 79.67 | -0.27 | 103.04 | 102.93 | -0.12 |
| 598 | 79.39 | 78.15 | -1.24 | 102.74 | 101.12 | -1.62 |
| 599 | 78.02 | 78.36 | 0.34 | 100.94 | 101.39 | 0.44 |
| 600 | 78.60 | 78.81 | 0.21 | 101.71 | 101.94 | 0.24 |
| 601 | 79.03 | 79.31 | 0.28 | 102.15 | 102.31 | 0.16 |
| 602 | 79.47 | 79.53 | 0.06 | 102.37 | 102.52 | 0.15 |
| 603 | 79.75 | 79.93 | 0.18 | 102.69 | 102.98 | 0.30 |
| 604 | 80.20 | 80.32 | 0.12 | 103.31 | 103.51 | 0.19 |
| 605 | 80.29 | 80.32 | 0.03 | 103.40 | 103.49 | 0.09 |
| 606 | 80.17 | 80.25 | 0.08 | 103.26 | 103.24 | -0.02 |
| 607 | 80.40 | 80.33 | -0.07 | 103.38 | 103.20 | -0.18 |
| 608 | 80.53 | 81.07 | 0.54 | 103.35 | 103.88 | 0.53 |
| 609 | 81.26 | 81.59 | 0.33 | 103.96 | 104.36 | 0.39 |
| 610 | 81.55 | 81.50 | -0.04 | 104.34 | 104.35 | 0.00 |
| 611 | 81.28 | 81.24 | -0.04 | 104.07 | 104.01 | -0.05 |
| 612 | 81.36 | 81.43 | 0.07 | 104.21 | 104.30 | 0.10 |
| 613 | 81.46 | 81.61 | 0.15 | 104.31 | 104.41 | 0.10 |
| 614 | 81.74 | 81.28 | -0.46 | 104.56 | 104.73 | 0.17 |
| 615 | 81.04 | 81.03 | -0.01 | 104.70 | 104.55 | -0.15 |
| 616 | 81.31 | 81.58 | 0.28 | 104.73 | 105.04 | 0.31 |
| 617 | 81.70 | 81.38 | -0.32 | 105.13 | 105.41 | 0.28 |
| 618 | 80.70 | 81.17 | 0.46 | 104.80 | 105.27 | 0.47 |
| 619 | 81.12 | 81.20 | 0.08 | 105.18 | 105.28 | 0.10 |
| 620 | 81.63 | 82.05 | 0.42 | 105.67 | 106.09 | 0.42 |
| 621 | 81.94 | 81.58 | -0.36 | 106.07 | 105.86 | -0.21 |
| 622 | 81.70 | 81.59 | -0.12 | 106.04 | 105.81 | -0.22 |
| 623 | 81.60 | 81.62 | 0.02 | 105.85 | 105.85 | 0.00 |
| 624 | 81.67 | 81.83 | 0.16 | 105.75 | 105.73 | -0.02 |
| 625 | 82.02 | 81.75 | -0.27 | 105.97 | 105.91 | -0.07 |
| 626 | 81.59 | 80.82 | -0.77 | 105.90 | 105.33 | -0.57 |
| 627 | 81.24 | 81.59 | 0.35 | 105.82 | 106.09 | 0.27 |
| 628 | 81.59 | 80.66 | -0.93 | 106.31 | 105.22 | -1.09 |
| 629 | 80.99 | 80.82 | -0.17 | 105.73 | 105.53 | -0.20 |
| 630 | 81.19 | 80.98 | -0.21 | 105.86 | 106.08 | 0.23 |
| 631 | 80.93 | 81.02 | 0.09 | 106.20 | 106.25 | 0.05 |
| 632 | 80.66 | 80.27 | -0.39 | 105.89 | 105.46 | -0.42 |
| 633 | 80.50 | 80.94 | 0.44 | 105.73 | 105.93 | 0.20 |
| 634 | 80.86 | 81.02 | 0.15 | 105.82 | 105.96 | 0.14 |
| 635 | 81.06 | 80.99 | -0.07 | 106.03 | 105.94 | -0.09 |
| 636 | 81.48 | 81.77 | 0.28 | 106.37 | 106.60 | 0.24 |
| 637 | 81.90 | 81.88 | -0.02 | 106.68 | 106.72 | 0.04 |
| 638 | 82.05 | 82.36 | 0.31 | 106.70 | 107.18 | 0.47 |
| 639 | 82.35 | 82.47 | 0.12 | 107.17 | 107.13 | -0.04 |
| 640 | 82.31 | 82.37 | 0.06 | 106.85 | 106.88 | 0.02 |
| 641 | 82.54 | 82.95 | 0.41 | 106.91 | 107.23 | 0.32 |
| 642 | 83.06 | 82.84 | -0.22 | 107.23 | 107.12 | -0.11 |
| 643 | 82.68 | 82.90 | 0.22 | 106.87 | 107.05 | 0.18 |
| 644 | 82.84 | 82.84 | 0.01 | 107.02 | 106.78 | -0.24 |
| 645 | 82.97 | 82.72 | -0.26 | 107.46 | 107.32 | -0.15 |
| 646 | 82.79 | 82.66 | -0.13 | 107.56 | 107.68 | 0.12 |
| 647 | 82.66 | 82.11 | -0.55 | 107.90 | 107.96 | 0.06 |
| 648 | 81.83 | 81.98 | 0.14 | 107.95 | 108.20 | 0.25 |
| 649 | 82.14 | 81.76 | -0.38 | 108.39 | 108.45 | 0.07 |
| 650 | 82.02 | 81.90 | -0.12 | 108.89 | 108.76 | -0.13 |
| 651 | 82.17 | 82.12 | -0.05 | 108.69 | 108.80 | 0.11 |
| 652 | 81.99 | 81.91 | -0.08 | 108.72 | 108.91 | 0.19 |
| 653 | 82.06 | 81.99 | -0.06 | 109.12 | 109.21 | 0.09 |
| 654 | 82.04 | 82.23 | 0.19 | 109.24 | 109.39 | 0.15 |
| 655 | 82.12 | 81.88 | -0.24 | 109.18 | 109.15 | -0.03 |
| 656 | 81.65 | 81.84 | 0.20 | 108.71 | 108.94 | 0.22 |
| 657 | 81.47 | 80.61 | -0.85 | 108.51 | 107.84 | -0.67 |
| 658 | 80.52 | 80.69 | 0.18 | 108.01 | 107.93 | -0.08 |
| 659 | 81.23 | 81.62 | 0.39 | 108.54 | 108.76 | 0.22 |
| 660 | 81.69 | 81.50 | -0.19 | 108.96 | 108.72 | -0.24 |
| 661 | 81.71 | 81.74 | 0.03 | 108.95 | 108.99 | 0.04 |
| 662 | 81.53 | 80.37 | -1.15 | 108.73 | 107.61 | -1.12 |
| 663 | 80.25 | 80.19 | -0.06 | 107.40 | 107.18 | -0.22 |
| 664 | 80.24 | 80.31 | 0.06 | 107.19 | 107.46 | 0.27 |
| 665 | 80.56 | 81.25 | 0.70 | 107.74 | 108.47 | 0.73 |
| 666 | 80.88 | 80.98 | 0.10 | 108.07 | 107.92 | -0.14 |
| 667 | 81.19 | 80.91 | -0.28 | 108.20 | 107.91 | -0.29 |
| 668 | 81.19 | 80.96 | -0.23 | 108.22 | 108.01 | -0.21 |
| 669 | 81.19 | 81.08 | -0.11 | 108.24 | 108.01 | -0.23 |
| 670 | 80.56 | 81.03 | 0.47 | 107.43 | 108.19 | 0.76 |
| 671 | 81.03 | 81.68 | 0.65 | 108.16 | 108.40 | 0.24 |
| 672 | 81.90 | 82.46 | 0.56 | 108.68 | 108.87 | 0.19 |
| 673 | 82.63 | 82.68 | 0.05 | 109.08 | 109.11 | 0.03 |
| 674 | 82.39 | 82.07 | -0.32 | 108.74 | 108.05 | -0.69 |
| 675 | 82.34 | 82.20 | -0.14 | 108.46 | 108.28 | -0.18 |
| 676 | 82.33 | 82.53 | 0.19 | 108.34 | 108.29 | -0.05 |
| 677 | 82.41 | 82.47 | 0.06 | 108.17 | 108.49 | 0.31 |
| 678 | 82.98 | 83.45 | 0.47 | 109.22 | 109.95 | 0.73 |
| 679 | 83.64 | 83.74 | 0.10 | 110.21 | 110.36 | 0.15 |
| 680 | 83.62 | 83.58 | -0.05 | 110.27 | 110.42 | 0.14 |
| 681 | 83.38 | 83.57 | 0.19 | 110.27 | 110.50 | 0.23 |
| 682 | 83.56 | 83.68 | 0.12 | 110.83 | 110.76 | -0.07 |
| 683 | 83.86 | 83.92 | 0.06 | 111.01 | 111.05 | 0.03 |
| 684 | 84.07 | 83.87 | -0.20 | 111.16 | 111.16 | 0.00 |
| 685 | 83.87 | 83.87 | 0.00 | 111.18 | 111.49 | 0.31 |
| 686 | 83.75 | 83.55 | -0.20 | 111.51 | 111.30 | -0.21 |
| 687 | 83.41 | 83.67 | 0.27 | 111.14 | 111.24 | 0.10 |
| 688 | 83.56 | 83.45 | -0.10 | 111.18 | 110.90 | -0.28 |
| 689 | 83.71 | 83.58 | -0.13 | 111.08 | 110.72 | -0.36 |
| 690 | 83.89 | 83.93 | 0.04 | 111.07 | 110.85 | -0.23 |
| 691 | 83.78 | 84.12 | 0.34 | 110.70 | 111.12 | 0.42 |
| 692 | 84.12 | 84.42 | 0.30 | 111.03 | 111.32 | 0.29 |
| 693 | 84.58 | 84.84 | 0.25 | 111.52 | 112.13 | 0.61 |
| 694 | 84.90 | 85.01 | 0.11 | 112.25 | 112.56 | 0.31 |
| 695 | 84.96 | 85.19 | 0.23 | 112.61 | 112.75 | 0.14 |
| 696 | 85.38 | 85.63 | 0.25 | 112.82 | 113.18 | 0.36 |
| 697 | 85.39 | 85.69 | 0.29 | 113.04 | 113.24 | 0.20 |
| 698 | 85.74 | 85.53 | -0.21 | 113.32 | 113.11 | -0.21 |
| 699 | 85.74 | 85.63 | -0.11 | 113.36 | 113.39 | 0.02 |
| 700 | 85.62 | 85.95 | 0.34 | 113.36 | 113.51 | 0.15 |
| 701 | 85.86 | 86.14 | 0.29 | 113.39 | 113.33 | -0.06 |
| 702 | 86.36 | 86.26 | -0.10 | 113.46 | 113.49 | 0.03 |
| 703 | 86.36 | 86.27 | -0.10 | 113.62 | 113.77 | 0.15 |
| 704 | 86.34 | 86.29 | -0.05 | 113.83 | 114.05 | 0.22 |
| 705 | 86.43 | 86.42 | -0.01 | 114.56 | 114.96 | 0.41 |
| 706 | 86.17 | 86.48 | 0.31 | 114.70 | 115.02 | 0.32 |
| 707 | 86.85 | 86.92 | 0.07 | 115.45 | 115.84 | 0.39 |
| 708 | 87.04 | 86.53 | -0.51 | 116.01 | 115.48 | -0.53 |
| 709 | 86.50 | 86.58 | 0.07 | 116.23 | 116.34 | 0.11 |
| 710 | 86.38 | 86.06 | -0.32 | 116.29 | 115.78 | -0.51 |
| 711 | 86.31 | 86.31 | -0.01 | 115.97 | 116.09 | 0.12 |
| 712 | 86.58 | 86.99 | 0.41 | 116.15 | 116.30 | 0.15 |
| 713 | 86.83 | 86.63 | -0.20 | 115.92 | 115.66 | -0.27 |
| 714 | 86.70 | 86.82 | 0.12 | 115.73 | 115.77 | 0.04 |
| 715 | 87.31 | 87.06 | -0.25 | 116.19 | 116.11 | -0.08 |
| 716 | 87.11 | 87.01 | -0.11 | 116.11 | 116.38 | 0.28 |
| 717 | 86.83 | 87.44 | 0.61 | 116.36 | 116.43 | 0.07 |
| 718 | 87.54 | 87.41 | -0.14 | 116.39 | 116.28 | -0.11 |
| 719 | 87.59 | 87.42 | -0.17 | 116.50 | 116.45 | -0.05 |
| 720 | 87.34 | 87.55 | 0.22 | 116.36 | 116.56 | 0.20 |
| 721 | 87.00 | 87.07 | 0.07 | 116.01 | 116.01 | 0.00 |
| 722 | 86.90 | 86.98 | 0.08 | 115.93 | 115.89 | -0.04 |
| 723 | 86.73 | 87.22 | 0.49 | 115.55 | 116.06 | 0.51 |
| 724 | 86.89 | 87.04 | 0.15 | 115.75 | 115.91 | 0.16 |
| 725 | 86.67 | 86.40 | -0.27 | 115.38 | 115.29 | -0.08 |
| 726 | 86.69 | 87.41 | 0.72 | 115.92 | 116.39 | 0.47 |
| 727 | 87.24 | 87.22 | -0.02 | 116.14 | 115.95 | -0.19 |
| 728 | 87.30 | 87.46 | 0.16 | 116.10 | 116.32 | 0.21 |
| 729 | 87.72 | 87.96 | 0.23 | 116.79 | 117.12 | 0.33 |
| 730 | 87.99 | 87.76 | -0.22 | 117.09 | 116.64 | -0.44 |
| 731 | 87.95 | 88.07 | 0.13 | 116.82 | 116.81 | -0.01 |
| 732 | 88.14 | 88.22 | 0.08 | 116.81 | 116.96 | 0.15 |
| 733 | 88.41 | 88.77 | 0.36 | 117.24 | 118.29 | 1.05 |
| 734 | 88.76 | 88.67 | -0.08 | 118.61 | 118.82 | 0.21 |
| 735 | 88.97 | 89.46 | 0.48 | 119.24 | 120.45 | 1.21 |
| 736 | 89.35 | 88.96 | -0.39 | 120.61 | 120.25 | -0.36 |
| 737 | 89.54 | 88.37 | -1.17 | 121.52 | 120.45 | -1.07 |
| 738 | 88.30 | 88.02 | -0.29 | 120.60 | 119.95 | -0.65 |
| 739 | 87.83 | 88.02 | 0.19 | 119.88 | 119.77 | -0.11 |
| 740 | 88.18 | 88.64 | 0.45 | 119.72 | 120.04 | 0.32 |
| 741 | 89.05 | 89.03 | -0.02 | 120.45 | 120.62 | 0.17 |
| 742 | 89.10 | 89.10 | 0.01 | 120.73 | 120.83 | 0.10 |
| 743 | 89.04 | 88.94 | -0.10 | 121.24 | 121.43 | 0.19 |
| 744 | 89.06 | 89.00 | -0.06 | 121.54 | 121.89 | 0.35 |
| 745 | 89.13 | 88.42 | -0.71 | 122.20 | 121.39 | -0.81 |
| 746 | 88.93 | 89.38 | 0.45 | 122.12 | 122.08 | -0.04 |
| 747 | 89.81 | 90.01 | 0.20 | 122.72 | 122.70 | -0.02 |
| 748 | 90.12 | 89.70 | -0.42 | 123.01 | 122.56 | -0.46 |
| 749 | 90.10 | 89.73 | -0.36 | 123.09 | 122.38 | -0.71 |
| 750 | 89.80 | 89.56 | -0.23 | 122.68 | 122.43 | -0.25 |
| 751 | 89.64 | 89.52 | -0.12 | 122.46 | 122.24 | -0.22 |
| 752 | 89.41 | 89.46 | 0.06 | 122.14 | 122.27 | 0.13 |
| 753 | 89.55 | 89.54 | -0.01 | 122.44 | 122.42 | -0.02 |
| 754 | 89.70 | 89.66 | -0.04 | 122.71 | 122.68 | -0.04 |
| 755 | 89.79 | 89.24 | -0.55 | 122.85 | 122.09 | -0.76 |
| 756 | 89.68 | 90.17 | 0.48 | 122.73 | 122.58 | -0.15 |
| 757 | 90.27 | 90.83 | 0.56 | 122.62 | 123.03 | 0.41 |
| 758 | 91.10 | 91.18 | 0.08 | 123.42 | 123.87 | 0.46 |
| 759 | 91.53 | 91.86 | 0.32 | 124.24 | 125.03 | 0.79 |
| 760 | 91.83 | 91.97 | 0.14 | 124.93 | 124.91 | -0.01 |
| 761 | 92.18 | 92.31 | 0.12 | 125.11 | 125.57 | 0.46 |
| 762 | 91.97 | 91.94 | -0.03 | 125.30 | 125.45 | 0.14 |
| 763 | 92.18 | 92.53 | 0.35 | 125.71 | 126.30 | 0.59 |
| 764 | 92.71 | 93.19 | 0.48 | 126.75 | 127.47 | 0.72 |
| 765 | 93.64 | 92.75 | -0.89 | 128.38 | 127.53 | -0.86 |
| 766 | 93.27 | 93.65 | 0.38 | 128.40 | 129.14 | 0.74 |
| 767 | 93.57 | 93.42 | -0.15 | 129.31 | 128.72 | -0.59 |
| 768 | 93.72 | 94.17 | 0.44 | 128.90 | 129.08 | 0.18 |
| 769 | 94.14 | 94.78 | 0.65 | 128.78 | 129.92 | 1.14 |
| 770 | 94.86 | 94.89 | 0.04 | 129.90 | 129.95 | 0.06 |
| 771 | 95.16 | 94.77 | -0.40 | 130.49 | 130.17 | -0.32 |
| 772 | 95.29 | 95.04 | -0.25 | 130.72 | 130.93 | 0.21 |
| 773 | 95.27 | 96.03 | 0.75 | 131.30 | 132.30 | 1.01 |
| 774 | 96.02 | 95.48 | -0.54 | 132.16 | 131.60 | -0.56 |
| 775 | 94.58 | 94.38 | -0.21 | 130.38 | 129.65 | -0.73 |
| 776 | 94.93 | 94.31 | -0.62 | 130.92 | 129.87 | -1.05 |
| 777 | 93.84 | 93.88 | 0.04 | 129.21 | 129.88 | 0.68 |
| 778 | 92.99 | 91.80 | -1.19 | 129.01 | 127.12 | -1.89 |
| 779 | 91.17 | 88.12 | -3.05 | 125.86 | 121.24 | -4.61 |
| 780 | 86.54 | 89.52 | 2.97 | 118.93 | 123.93 | 4.99 |
| 781 | 89.34 | 88.99 | -0.36 | 123.45 | 123.99 | 0.54 |
| 782 | 89.12 | 85.66 | -3.46 | 123.98 | 118.70 | -5.28 |
| 783 | 86.73 | 87.06 | 0.33 | 119.89 | 120.55 | 0.66 |
| 784 | 87.74 | 88.10 | 0.36 | 121.64 | 122.50 | 0.86 |
| 785 | 87.68 | 88.28 | 0.60 | 121.86 | 122.69 | 0.82 |
| 786 | 87.87 | 89.40 | 1.53 | 121.91 | 124.06 | 2.15 |
| 787 | 90.01 | 90.53 | 0.51 | 125.16 | 125.75 | 0.59 |
| 788 | 90.31 | 90.53 | 0.22 | 125.53 | 125.88 | 0.35 |
| 789 | 90.20 | 90.13 | -0.07 | 125.12 | 124.83 | -0.29 |
| 790 | 90.31 | 89.70 | -0.61 | 124.91 | 123.99 | -0.92 |
| 791 | 90.08 | 89.77 | -0.31 | 124.38 | 124.51 | 0.13 |
| 792 | 90.13 | 91.07 | 0.94 | 125.17 | 126.31 | 1.14 |
| 793 | 91.37 | 91.75 | 0.38 | 126.93 | 128.17 | 1.24 |
| 794 | 91.76 | 90.57 | -1.19 | 128.27 | 126.63 | -1.65 |
| 795 | 90.86 | 89.46 | -1.40 | 127.10 | 124.63 | -2.46 |
| 796 | 89.46 | 88.18 | -1.28 | 124.81 | 122.74 | -2.07 |
| 797 | 87.47 | 88.59 | 1.12 | 121.38 | 122.53 | 1.15 |
| 798 | 88.11 | 89.38 | 1.27 | 121.80 | 124.28 | 2.49 |
| 799 | 89.72 | 89.94 | 0.22 | 124.75 | 124.45 | -0.30 |
| 800 | 89.20 | 90.07 | 0.87 | 123.05 | 124.12 | 1.07 |
| 801 | 90.18 | 90.15 | -0.03 | 124.55 | 124.59 | 0.03 |
| 802 | 90.71 | 91.79 | 1.09 | 125.48 | 126.75 | 1.27 |
| 803 | 91.95 | 91.74 | -0.22 | 126.90 | 125.84 | -1.06 |
| 804 | 92.14 | 91.24 | -0.91 | 126.38 | 125.09 | -1.30 |
| 805 | 91.61 | 90.83 | -0.78 | 125.69 | 124.00 | -1.69 |
| 806 | 91.01 | 90.83 | -0.19 | 124.36 | 124.49 | 0.12 |
| 807 | 91.01 | 91.07 | 0.05 | 124.55 | 124.80 | 0.25 |
| 808 | 90.60 | 89.63 | -0.97 | 124.26 | 123.03 | -1.23 |
| 809 | 89.84 | 89.89 | 0.05 | 123.33 | 123.60 | 0.27 |
| 810 | 89.77 | 89.69 | -0.09 | 123.47 | 123.27 | -0.21 |
| 811 | 88.88 | 87.41 | -1.48 | 122.01 | 119.51 | -2.50 |
| 812 | 87.54 | 85.49 | -2.04 | 119.86 | 117.12 | -2.74 |
| 813 | 86.80 | 87.77 | 0.96 | 119.15 | 120.47 | 1.32 |
| 814 | 88.12 | 86.21 | -1.91 | 121.06 | 118.53 | -2.53 |
| 815 | 86.24 | 85.99 | -0.25 | 118.77 | 118.55 | -0.22 |
| 816 | 86.44 | 87.23 | 0.79 | 119.21 | 119.79 | 0.58 |
| 817 | 87.03 | 85.42 | -1.61 | 119.54 | 117.45 | -2.09 |
| 818 | 85.86 | 86.45 | 0.59 | 118.09 | 119.33 | 1.24 |
| 819 | 85.05 | 87.36 | 2.32 | 116.85 | 120.68 | 3.83 |
| 820 | 87.91 | 87.72 | -0.19 | 121.29 | 121.75 | 0.45 |
| 821 | 87.08 | 85.72 | -1.36 | 120.57 | 118.86 | -1.71 |
| 822 | 86.18 | 86.00 | -0.18 | 119.79 | 119.11 | -0.69 |
| 823 | 87.13 | 87.59 | 0.45 | 120.89 | 121.28 | 0.39 |
| 824 | 87.00 | 87.14 | 0.14 | 120.23 | 120.11 | -0.13 |
| 825 | 87.62 | 87.87 | 0.24 | 120.95 | 121.62 | 0.67 |
| 826 | 88.45 | 87.75 | -0.69 | 122.38 | 120.88 | -1.50 |
| 827 | 88.36 | 88.58 | 0.22 | 121.79 | 121.86 | 0.07 |
| 828 | 89.22 | 89.54 | 0.31 | 123.08 | 123.16 | 0.08 |
| 829 | 89.73 | 89.88 | 0.14 | 123.14 | 122.93 | -0.21 |
| 830 | 89.56 | 89.21 | -0.34 | 122.68 | 122.52 | -0.16 |
| 831 | 89.15 | 88.41 | -0.74 | 122.64 | 121.76 | -0.89 |
| 832 | 88.62 | 88.35 | -0.27 | 122.01 | 121.62 | -0.39 |
| 833 | 88.42 | 87.07 | -1.36 | 122.05 | 119.35 | -2.70 |
| 834 | 87.09 | 87.15 | 0.06 | 119.61 | 119.71 | 0.10 |
| 835 | 87.47 | 87.93 | 0.46 | 120.17 | 120.87 | 0.71 |
| 836 | 88.10 | 88.07 | -0.03 | 120.96 | 120.95 | -0.01 |
| 837 | 88.30 | 87.19 | -1.11 | 121.58 | 120.12 | -1.46 |
| 838 | 86.92 | 87.44 | 0.53 | 119.79 | 119.70 | -0.08 |
| 839 | 87.28 | 86.85 | -0.43 | 119.49 | 118.61 | -0.88 |
| 840 | 86.58 | 86.75 | 0.17 | 118.15 | 118.61 | 0.46 |
| 841 | 86.44 | 87.67 | 1.23 | 118.04 | 120.14 | 2.11 |
| 842 | 87.95 | 87.86 | -0.09 | 120.51 | 120.61 | 0.10 |
| 843 | 87.82 | 87.90 | 0.09 | 120.50 | 120.57 | 0.07 |
| 844 | 88.16 | 88.74 | 0.58 | 120.76 | 121.40 | 0.64 |
| 845 | 89.03 | 89.62 | 0.59 | 121.61 | 122.36 | 0.75 |
| 846 | 89.49 | 89.67 | 0.17 | 122.38 | 122.92 | 0.53 |
| 847 | 89.89 | 89.76 | -0.13 | 123.28 | 123.18 | -0.10 |
| 848 | 89.21 | 88.88 | -0.33 | 122.58 | 122.19 | -0.39 |
| 849 | 88.90 | 89.19 | 0.30 | 122.16 | 122.54 | 0.37 |
| 850 | 89.08 | 89.25 | 0.17 | 122.36 | 122.23 | -0.13 |
| 851 | 89.08 | 89.14 | 0.06 | 122.30 | 122.43 | 0.13 |
| 852 | 89.67 | 89.80 | 0.13 | 123.42 | 123.77 | 0.36 |
| 853 | 90.06 | 89.43 | -0.64 | 123.99 | 122.99 | -1.00 |
| 854 | 88.98 | 89.69 | 0.71 | 122.39 | 123.34 | 0.95 |
| 855 | 89.52 | 89.51 | 0.00 | 123.25 | 123.05 | -0.19 |
| 856 | 89.35 | 89.29 | -0.06 | 122.84 | 122.93 | 0.10 |
| 857 | 88.79 | 88.36 | -0.43 | 121.94 | 120.92 | -1.02 |
| 858 | 88.89 | 89.55 | 0.66 | 121.80 | 122.45 | 0.65 |
| 859 | 89.51 | 89.02 | -0.49 | 122.23 | 121.18 | -1.05 |
| 860 | 89.64 | 90.13 | 0.49 | 122.06 | 122.42 | 0.36 |
| 861 | 90.47 | 90.81 | 0.34 | 122.97 | 123.48 | 0.51 |
| 862 | 90.83 | 90.91 | 0.08 | 123.37 | 123.31 | -0.06 |
| 863 | 91.07 | 91.69 | 0.62 | 123.82 | 125.11 | 1.29 |
| 864 | 91.78 | 91.50 | -0.28 | 125.34 | 125.34 | 0.00 |
| 865 | 91.31 | 91.75 | 0.43 | 125.18 | 125.80 | 0.62 |
| 866 | 91.79 | 92.05 | 0.26 | 125.95 | 125.84 | -0.12 |
| 867 | 92.19 | 92.43 | 0.24 | 126.01 | 125.96 | -0.05 |
| 868 | 92.55 | 92.02 | -0.53 | 126.06 | 125.40 | -0.66 |
| 869 | 92.36 | 92.38 | 0.02 | 125.88 | 125.39 | -0.49 |
| 870 | 92.15 | 92.20 | 0.05 | 124.80 | 125.07 | 0.27 |
| 871 | 91.56 | 92.06 | 0.50 | 124.00 | 124.48 | 0.48 |
| 872 | 91.16 | 91.47 | 0.32 | 123.01 | 123.18 | 0.17 |
| 873 | 91.73 | 91.64 | -0.09 | 123.64 | 122.90 | -0.74 |
| 874 | 91.67 | 91.04 | -0.63 | 122.72 | 121.99 | -0.73 |
| 875 | 91.49 | 91.16 | -0.33 | 122.52 | 122.30 | -0.22 |
| 876 | 90.73 | 89.82 | -0.90 | 121.65 | 120.81 | -0.84 |
| 877 | 90.01 | 89.96 | -0.05 | 121.13 | 120.90 | -0.22 |
| 878 | 90.13 | 89.06 | -1.06 | 121.17 | 119.88 | -1.29 |
| 879 | 88.95 | 89.61 | 0.66 | 119.94 | 120.63 | 0.69 |
| 880 | 89.93 | 89.81 | -0.11 | 121.30 | 120.95 | -0.36 |
| 881 | 89.27 | 89.93 | 0.67 | 120.22 | 121.32 | 1.10 |
| 882 | 90.39 | 89.66 | -0.73 | 121.80 | 120.64 | -1.16 |
| 883 | 90.13 | 90.67 | 0.53 | 121.40 | 121.61 | 0.21 |
| 884 | 91.00 | 91.69 | 0.69 | 121.60 | 122.21 | 0.61 |
| 885 | 92.07 | 92.44 | 0.38 | 122.78 | 123.82 | 1.03 |
| 886 | 91.84 | 91.98 | 0.13 | 124.06 | 124.59 | 0.52 |
| 887 | 91.29 | 91.29 | 0.00 | 123.75 | 123.64 | -0.11 |
| 888 | 91.51 | 91.94 | 0.44 | 124.59 | 124.81 | 0.22 |
| 889 | 91.95 | 92.03 | 0.09 | 124.76 | 125.18 | 0.42 |
| 890 | 92.03 | 91.54 | -0.49 | 125.38 | 125.41 | 0.03 |
| 891 | 91.20 | 92.11 | 0.91 | 125.11 | 125.68 | 0.58 |
| 892 | 92.06 | 92.39 | 0.32 | 125.83 | 126.09 | 0.26 |
| 893 | 92.13 | 92.40 | 0.28 | 125.64 | 125.34 | -0.30 |
| 894 | 92.22 | 92.19 | -0.03 | 125.04 | 125.43 | 0.39 |
| 895 | 92.05 | 92.18 | 0.13 | 125.34 | 125.43 | 0.09 |
| 896 | 92.87 | 92.52 | -0.35 | 125.91 | 126.13 | 0.22 |
| 897 | 92.45 | 93.44 | 0.99 | 125.78 | 127.09 | 1.31 |
| 898 | 93.12 | 93.58 | 0.46 | 127.38 | 127.66 | 0.27 |
| 899 | 93.63 | 92.42 | -1.21 | 127.93 | 127.19 | -0.74 |
| 900 | 92.34 | 91.52 | -0.81 | 127.21 | 126.10 | -1.10 |
| 901 | 92.06 | 92.65 | 0.59 | 126.64 | 126.91 | 0.27 |
| 902 | 92.63 | 92.36 | -0.27 | 126.94 | 126.21 | -0.73 |
| 903 | 91.78 | 92.86 | 1.07 | 125.45 | 126.20 | 0.75 |
| 904 | 93.05 | 93.24 | 0.19 | 126.36 | 126.86 | 0.50 |
| 905 | 93.16 | 93.44 | 0.29 | 126.66 | 127.05 | 0.39 |
| 906 | 93.81 | 93.84 | 0.03 | 127.47 | 127.89 | 0.42 |
| 907 | 93.82 | 93.61 | -0.22 | 127.82 | 127.54 | -0.28 |
| 908 | 93.72 | 93.40 | -0.33 | 127.52 | 127.14 | -0.38 |
| 909 | 92.96 | 92.71 | -0.25 | 126.44 | 126.17 | -0.27 |
| 910 | 92.82 | 92.26 | -0.56 | 126.26 | 125.54 | -0.72 |
| 911 | 92.50 | 92.89 | 0.39 | 125.80 | 126.16 | 0.37 |
| 912 | 92.38 | 92.20 | -0.18 | 125.49 | 125.54 | 0.05 |
| 913 | 92.70 | 92.81 | 0.11 | 126.64 | 127.46 | 0.82 |
| 914 | 92.73 | 92.95 | 0.23 | 127.37 | 127.88 | 0.51 |
| 915 | 93.14 | 93.26 | 0.12 | 128.23 | 128.39 | 0.15 |
| 916 | 93.42 | 93.53 | 0.11 | 128.55 | 128.73 | 0.18 |
| 917 | 93.50 | 93.67 | 0.16 | 128.77 | 128.34 | -0.43 |
| 918 | 93.62 | 93.49 | -0.13 | 128.24 | 128.09 | -0.16 |
| 919 | 93.69 | 94.16 | 0.46 | 128.33 | 128.82 | 0.50 |
| 920 | 94.56 | 94.85 | 0.29 | 129.60 | 130.11 | 0.52 |
| 921 | 95.07 | 94.98 | -0.10 | 130.47 | 130.27 | -0.20 |
| 922 | 95.12 | 95.46 | 0.34 | 130.31 | 130.64 | 0.33 |
| 923 | 95.30 | 95.04 | -0.26 | 130.27 | 129.85 | -0.41 |
| 924 | 94.84 | 94.99 | 0.15 | 129.54 | 129.73 | 0.18 |
| 925 | 94.78 | 94.55 | -0.23 | 129.34 | 129.58 | 0.24 |
| 926 | 94.40 | 94.41 | 0.01 | 129.38 | 129.57 | 0.20 |
| 927 | 94.37 | 94.02 | -0.35 | 129.61 | 129.94 | 0.33 |
| 928 | 93.65 | 93.85 | 0.21 | 129.52 | 129.60 | 0.09 |
| 929 | 94.34 | 94.29 | -0.05 | 130.04 | 129.58 | -0.45 |
| 930 | 93.99 | 94.39 | 0.40 | 129.20 | 129.89 | 0.68 |
| 931 | 94.33 | 94.29 | -0.04 | 129.90 | 130.11 | 0.21 |
| 932 | 94.68 | 95.01 | 0.34 | 130.65 | 130.93 | 0.27 |
| 933 | 95.16 | 95.16 | 0.00 | 131.09 | 130.77 | -0.31 |
| 934 | 95.23 | 94.63 | -0.60 | 130.75 | 130.37 | -0.37 |
| 935 | 94.66 | 94.88 | 0.21 | 130.47 | 131.27 | 0.80 |
| 936 | 95.04 | 94.95 | -0.08 | 131.55 | 131.88 | 0.34 |
| 937 | 95.36 | 95.84 | 0.48 | 132.62 | 133.18 | 0.56 |
| 938 | 96.08 | 95.77 | -0.30 | 133.70 | 133.60 | -0.10 |
| 939 | 95.51 | 95.47 | -0.05 | 133.23 | 132.68 | -0.55 |
| 940 | 95.66 | 95.26 | -0.39 | 133.03 | 132.25 | -0.78 |
| 941 | 95.34 | 95.00 | -0.35 | 132.50 | 131.80 | -0.70 |
| 942 | 95.18 | 95.18 | 0.00 | 132.09 | 132.01 | -0.08 |
| 943 | 95.04 | 95.43 | 0.39 | 131.77 | 132.05 | 0.28 |
| 944 | 95.88 | 95.65 | -0.23 | 132.84 | 132.97 | 0.13 |
| 945 | 95.58 | 95.52 | -0.06 | 132.84 | 133.38 | 0.54 |
| 946 | 95.86 | 95.55 | -0.31 | 134.00 | 133.58 | -0.42 |
| 947 | 95.29 | 94.37 | -0.92 | 133.30 | 132.45 | -0.85 |
| 948 | 94.31 | 93.62 | -0.69 | 132.51 | 131.70 | -0.81 |
| 949 | 93.32 | 93.24 | -0.07 | 131.31 | 131.69 | 0.38 |
| 950 | 93.05 | 92.78 | -0.27 | 131.46 | 131.22 | -0.23 |
| 951 | 92.44 | 89.56 | -2.88 | 131.09 | 127.01 | -4.07 |
| 952 | 89.25 | 87.85 | -1.40 | 126.55 | 124.37 | -2.17 |
| 953 | 89.45 | 89.08 | -0.38 | 126.45 | 126.00 | -0.46 |
| 954 | 88.92 | 88.63 | -0.29 | 125.83 | 125.43 | -0.40 |
| 955 | 89.46 | 90.93 | 1.47 | 126.69 | 128.45 | 1.75 |
| 956 | 90.89 | 90.83 | -0.07 | 127.82 | 127.98 | 0.17 |
| 957 | 90.57 | 89.35 | -1.22 | 127.64 | 126.26 | -1.38 |
| 958 | 89.56 | 88.98 | -0.59 | 126.48 | 126.26 | -0.22 |
| 959 | 89.28 | 88.64 | -0.64 | 126.68 | 125.61 | -1.07 |
| 960 | 87.15 | 87.87 | 0.72 | 123.44 | 124.82 | 1.38 |
| 961 | 87.71 | 84.64 | -3.07 | 125.09 | 121.74 | -3.35 |
| 962 | 85.21 | 86.26 | 1.05 | 122.53 | 123.75 | 1.23 |
| 963 | 84.71 | 84.91 | 0.20 | 122.41 | 122.08 | -0.33 |
| 964 | 86.01 | 84.28 | -1.73 | 123.18 | 120.98 | -2.20 |
| 965 | 84.35 | 85.89 | 1.55 | 121.08 | 123.02 | 1.94 |
| 966 | 86.75 | 86.79 | 0.04 | 124.09 | 124.33 | 0.24 |
| 967 | 87.19 | 88.20 | 1.01 | 124.96 | 125.55 | 0.60 |
| 968 | 88.44 | 87.89 | -0.55 | 126.49 | 124.98 | -1.52 |
| 969 | 88.07 | 88.21 | 0.14 | 125.25 | 126.04 | 0.79 |
| 970 | 88.02 | 88.80 | 0.78 | 125.95 | 126.86 | 0.91 |
| 971 | 89.52 | 90.79 | 1.27 | 127.96 | 129.77 | 1.80 |
| 972 | 90.51 | 90.52 | 0.01 | 129.51 | 129.88 | 0.37 |
| 973 | 90.16 | 89.64 | -0.51 | 129.66 | 128.69 | -0.98 |
| 974 | 89.30 | 87.65 | -1.65 | 128.50 | 125.72 | -2.77 |
| 975 | 87.95 | 87.62 | -0.34 | 125.54 | 125.44 | -0.10 |
| 976 | 88.20 | 87.13 | -1.07 | 126.32 | 124.44 | -1.88 |
| 977 | 86.72 | 88.34 | 1.62 | 123.94 | 125.44 | 1.50 |
| 978 | 87.79 | 88.45 | 0.66 | 124.83 | 125.97 | 1.14 |
| 979 | 88.27 | 86.45 | -1.82 | 125.88 | 123.78 | -2.11 |
| 980 | 85.34 | 85.52 | 0.17 | 121.72 | 121.45 | -0.27 |
| 981 | 86.11 | 86.16 | 0.06 | 122.12 | 121.39 | -0.72 |
| 982 | 85.47 | 85.92 | 0.45 | 120.64 | 120.55 | -0.09 |
| 983 | 86.77 | 87.33 | 0.56 | 121.64 | 122.42 | 0.78 |
| 984 | 86.94 | 87.36 | 0.42 | 121.91 | 123.18 | 1.26 |
| 985 | 87.75 | 89.55 | 1.80 | 124.24 | 126.59 | 2.35 |
| 986 | 89.17 | 89.42 | 0.25 | 126.28 | 126.52 | 0.24 |
| 987 | 89.30 | 90.09 | 0.79 | 126.25 | 127.83 | 1.58 |
| 988 | 91.35 | 91.03 | -0.32 | 129.81 | 128.90 | -0.91 |
| 989 | 90.80 | 87.92 | -2.87 | 128.46 | 124.83 | -3.63 |
| 990 | 86.62 | 87.81 | 1.19 | 122.58 | 124.63 | 2.05 |
| 991 | 87.70 | 85.57 | -2.14 | 124.31 | 121.55 | -2.76 |
| 992 | 85.48 | 85.71 | 0.23 | 121.40 | 121.85 | 0.45 |
| 993 | 86.84 | 85.82 | -1.02 | 123.63 | 121.59 | -2.04 |
| 994 | 86.96 | 86.49 | -0.47 | 123.18 | 122.53 | -0.65 |
| 995 | 86.75 | 86.33 | -0.43 | 123.01 | 122.89 | -0.12 |
| 996 | 85.51 | 84.80 | -0.70 | 121.61 | 120.37 | -1.24 |
| 997 | 84.42 | 82.89 | -1.53 | 119.52 | 117.79 | -1.73 |
| 998 | 83.49 | 82.88 | -0.60 | 118.92 | 118.35 | -0.57 |
| 999 | 82.95 | 81.49 | -1.45 | 118.54 | 116.81 | -1.73 |
| 1000 | 81.16 | 80.24 | -0.92 | 116.14 | 114.75 | -1.39 |
| 1001 | 80.26 | 78.63 | -1.63 | 114.53 | 112.66 | -1.88 |
| 1002 | 78.14 | 76.66 | -1.48 | 111.74 | 109.59 | -2.15 |
| 1003 | 77.16 | 80.45 | 3.28 | 110.18 | 115.12 | 4.94 |
| 1004 | 79.31 | 81.29 | 1.98 | 113.59 | 116.67 | 3.07 |
| 1005 | 81.69 | 81.05 | -0.64 | 117.31 | 116.32 | -0.99 |
| 1006 | 81.52 | 81.78 | 0.26 | 117.15 | 117.82 | 0.67 |
| 1007 | 80.53 | 81.44 | 0.91 | 115.96 | 117.63 | 1.67 |
| 1008 | 80.69 | 79.19 | -1.50 | 116.80 | 114.66 | -2.14 |
| 1009 | 80.30 | 82.02 | 1.73 | 116.40 | 118.58 | 2.18 |
| 1010 | 82.06 | 82.72 | 0.66 | 118.84 | 119.29 | 0.45 |
| 1011 | 83.31 | 83.53 | 0.22 | 120.54 | 120.59 | 0.05 |
| 1012 | 83.89 | 84.28 | 0.38 | 121.19 | 120.91 | -0.27 |
| 1013 | 83.83 | 84.91 | 1.08 | 120.34 | 121.72 | 1.39 |
| 1014 | 84.51 | 84.93 | 0.43 | 121.03 | 121.72 | 0.69 |
| 1015 | 84.20 | 84.34 | 0.13 | 120.69 | 121.23 | 0.54 |
| 1016 | 84.45 | 85.29 | 0.84 | 121.09 | 122.06 | 0.97 |
| 1017 | 85.47 | 85.52 | 0.05 | 122.44 | 122.76 | 0.32 |
| 1018 | 85.27 | 86.39 | 1.11 | 122.27 | 123.69 | 1.42 |
| 1019 | 87.04 | 87.68 | 0.64 | 124.78 | 125.45 | 0.66 |
| 1020 | 87.07 | 86.27 | -0.79 | 124.59 | 123.95 | -0.64 |
| 1021 | 86.51 | 86.17 | -0.34 | 124.85 | 124.70 | -0.15 |
| 1022 | 86.21 | 86.51 | 0.29 | 124.62 | 124.55 | -0.08 |
| 1023 | 87.19 | 87.39 | 0.20 | 125.57 | 125.41 | -0.16 |
| 1024 | 86.40 | 86.61 | 0.21 | 124.02 | 124.15 | 0.12 |
| 1025 | 86.64 | 86.72 | 0.08 | 124.14 | 124.30 | 0.16 |
| 1026 | 86.96 | 87.61 | 0.65 | 125.45 | 126.05 | 0.60 |
| 1027 | 87.53 | 88.44 | 0.91 | 125.32 | 125.98 | 0.65 |
| 1028 | 88.49 | 88.57 | 0.08 | 126.32 | 126.21 | -0.11 |
| 1029 | 88.60 | 89.33 | 0.72 | 126.16 | 127.13 | 0.97 |
| 1030 | 89.28 | 89.56 | 0.28 | 127.54 | 128.05 | 0.51 |
| 1031 | 89.38 | 89.41 | 0.03 | 127.96 | 127.98 | 0.02 |
| 1032 | 88.83 | 88.50 | -0.33 | 127.13 | 126.65 | -0.48 |
| 1033 | 88.20 | 88.84 | 0.64 | 125.88 | 126.47 | 0.59 |
| 1034 | 88.98 | 89.08 | 0.11 | 126.96 | 126.35 | -0.61 |
| 1035 | 89.68 | 90.50 | 0.82 | 127.22 | 128.29 | 1.06 |
| 1036 | 90.79 | 90.83 | 0.04 | 128.74 | 128.79 | 0.05 |
| 1037 | 90.38 | 90.56 | 0.18 | 128.06 | 128.14 | 0.08 |
| 1038 | 91.33 | 91.52 | 0.19 | 129.18 | 130.29 | 1.11 |
| 1039 | 91.24 | 91.64 | 0.40 | 130.00 | 130.25 | 0.25 |
| 1040 | 91.71 | 91.92 | 0.20 | 130.27 | 130.60 | 0.33 |
| 1041 | 91.70 | 91.47 | -0.24 | 130.32 | 130.19 | -0.14 |
| 1042 | 91.76 | 92.39 | 0.63 | 130.55 | 131.10 | 0.55 |
| 1043 | 92.81 | 92.46 | -0.35 | 131.88 | 131.46 | -0.42 |
| 1044 | 92.31 | 92.14 | -0.16 | 131.02 | 131.37 | 0.34 |
| 1045 | 91.93 | 92.23 | 0.30 | 131.02 | 131.03 | 0.01 |
| 1046 | 92.08 | 92.02 | -0.06 | 130.98 | 130.70 | -0.27 |
| 1047 | 92.65 | 92.95 | 0.30 | 131.69 | 131.38 | -0.31 |
| 1048 | 93.32 | 92.39 | -0.93 | 132.00 | 130.08 | -1.91 |
| 1049 | 92.40 | 92.25 | -0.15 | 130.08 | 129.91 | -0.17 |
| 1050 | 92.31 | 91.33 | -0.98 | 130.01 | 129.19 | -0.82 |
| 1051 | 91.11 | 90.51 | -0.61 | 128.94 | 128.21 | -0.73 |
| 1052 | 89.71 | 90.33 | 0.62 | 127.12 | 128.10 | 0.98 |
| 1053 | 90.55 | 91.77 | 1.22 | 126.94 | 129.03 | 2.09 |
| 1054 | 91.99 | 92.19 | 0.19 | 128.80 | 128.53 | -0.27 |
| 1055 | 92.56 | 92.76 | 0.20 | 129.03 | 129.33 | 0.30 |
| 1056 | 92.78 | 92.68 | -0.09 | 129.29 | 129.40 | 0.11 |
| 1057 | 92.85 | 93.06 | 0.20 | 129.56 | 130.16 | 0.60 |
| 1058 | 93.14 | 93.16 | 0.02 | 129.96 | 130.42 | 0.46 |
| 1059 | 93.52 | 93.41 | -0.11 | 130.91 | 130.40 | -0.51 |
| 1060 | 93.28 | 92.90 | -0.38 | 130.33 | 129.66 | -0.67 |
| 1061 | 91.99 | 93.53 | 1.54 | 129.16 | 130.68 | 1.51 |
| 1062 | 93.09 | 91.33 | -1.76 | 129.89 | 128.20 | -1.68 |
| 1063 | 91.14 | 91.17 | 0.03 | 128.09 | 128.34 | 0.25 |
| 1064 | 91.81 | 91.90 | 0.09 | 129.24 | 129.05 | -0.19 |
| 1065 | 91.95 | 91.38 | -0.57 | 129.15 | 128.66 | -0.48 |
| 1066 | 91.51 | 91.75 | 0.24 | 129.17 | 129.15 | -0.02 |
| 1067 | 92.28 | 92.44 | 0.16 | 129.89 | 130.31 | 0.41 |
| 1068 | 93.17 | 93.69 | 0.52 | 131.32 | 131.96 | 0.63 |
| 1069 | 93.83 | 93.67 | -0.17 | 131.87 | 131.70 | -0.16 |
| 1070 | 94.20 | 94.04 | -0.16 | 132.20 | 132.06 | -0.14 |
| 1071 | 94.08 | 94.24 | 0.16 | 132.11 | 132.60 | 0.50 |
| 1072 | 94.49 | 94.80 | 0.32 | 133.11 | 132.87 | -0.25 |
| 1073 | 94.64 | 94.82 | 0.18 | 132.16 | 132.31 | 0.16 |
| 1074 | 94.38 | 94.15 | -0.23 | 131.56 | 131.38 | -0.17 |
| 1075 | 94.36 | 94.72 | 0.37 | 131.66 | 131.57 | -0.09 |
| 1076 | 94.88 | 94.86 | -0.01 | 131.77 | 131.57 | -0.20 |
| 1077 | 95.37 | 95.50 | 0.13 | 132.92 | 133.08 | 0.16 |
| 1078 | 95.58 | 95.26 | -0.31 | 133.04 | 132.84 | -0.20 |
| 1079 | 95.58 | 94.91 | -0.67 | 133.48 | 133.00 | -0.48 |
| 1080 | 95.37 | 94.19 | -1.18 | 133.24 | 132.62 | -0.62 |
| 1081 | 94.39 | 94.53 | 0.14 | 132.96 | 133.26 | 0.29 |
| 1082 | 94.30 | 94.58 | 0.28 | 132.64 | 132.87 | 0.23 |
| 1083 | 94.68 | 95.37 | 0.69 | 132.97 | 133.75 | 0.78 |
| 1084 | 95.44 | 95.26 | -0.17 | 133.80 | 133.58 | -0.22 |
| 1085 | 94.94 | 94.74 | -0.20 | 132.71 | 133.09 | 0.38 |
| 1086 | 94.60 | 95.17 | 0.57 | 133.07 | 133.80 | 0.73 |
| 1087 | 95.21 | 95.27 | 0.06 | 133.85 | 133.76 | -0.09 |
| 1088 | 94.64 | 95.10 | 0.46 | 134.04 | 133.89 | -0.14 |
| 1089 | 95.13 | 93.93 | -1.20 | 133.86 | 132.59 | -1.27 |
| 1090 | 93.80 | 93.91 | 0.11 | 132.38 | 132.10 | -0.29 |
| 1091 | 94.52 | 95.06 | 0.54 | 132.63 | 133.07 | 0.44 |
| 1092 | 93.42 | 94.73 | 1.31 | 130.75 | 132.66 | 1.91 |
| 1093 | 93.93 | 93.08 | -0.84 | 131.46 | 130.15 | -1.31 |
| 1094 | 92.91 | 92.84 | -0.07 | 130.00 | 130.04 | 0.04 |
| 1095 | 92.00 | 92.52 | 0.52 | 128.80 | 129.22 | 0.42 |
| 1096 | 92.20 | 92.71 | 0.51 | 128.81 | 130.03 | 1.22 |
| 1097 | 90.94 | 90.33 | -0.61 | 127.54 | 126.93 | -0.61 |
| 1098 | 90.65 | 91.10 | 0.45 | 127.39 | 128.00 | 0.61 |
| 1099 | 90.52 | 91.81 | 1.30 | 127.14 | 128.41 | 1.27 |
| 1100 | 91.93 | 92.54 | 0.62 | 128.98 | 129.73 | 0.75 |
| 1101 | 91.72 | 91.63 | -0.08 | 128.59 | 129.27 | 0.67 |
| 1102 | 90.82 | 90.67 | -0.15 | 128.58 | 128.96 | 0.39 |
| 1103 | 91.29 | 91.64 | 0.34 | 129.69 | 129.86 | 0.17 |
| 1104 | 91.19 | 91.38 | 0.19 | 129.51 | 129.60 | 0.09 |
| 1105 | 90.52 | 90.03 | -0.49 | 128.49 | 128.38 | -0.11 |
| 1106 | 90.60 | 90.23 | -0.37 | 129.06 | 128.80 | -0.26 |
| 1107 | 90.40 | 89.41 | -0.99 | 129.00 | 127.62 | -1.39 |
| 1108 | 88.92 | 88.85 | -0.06 | 126.83 | 126.54 | -0.28 |
| 1109 | 89.04 | 89.03 | -0.01 | 126.75 | 126.99 | 0.24 |
| 1110 | 88.07 | 87.91 | -0.16 | 125.71 | 125.24 | -0.47 |
| 1111 | 87.83 | 87.87 | 0.03 | 125.34 | 125.55 | 0.21 |
| 1112 | 88.67 | 89.92 | 1.25 | 126.66 | 127.95 | 1.29 |
| 1113 | 90.48 | 90.60 | 0.12 | 128.79 | 129.19 | 0.40 |
| 1114 | 90.68 | 91.17 | 0.49 | 129.33 | 129.83 | 0.50 |
| 1115 | 91.64 | 92.19 | 0.55 | 130.31 | 131.14 | 0.83 |
| 1116 | 92.65 | 92.88 | 0.23 | 131.55 | 131.24 | -0.31 |
| 1117 | 93.64 | 92.66 | -0.98 | 132.11 | 131.19 | -0.91 |
| 1118 | 92.57 | 92.66 | 0.09 | 131.26 | 131.12 | -0.14 |
| 1119 | 93.00 | 93.13 | 0.14 | 131.47 | 131.64 | 0.18 |
| 1120 | 92.77 | 92.56 | -0.21 | 131.48 | 131.58 | 0.10 |
| 1121 | 92.68 | 92.79 | 0.10 | 131.73 | 131.76 | 0.03 |
| 1122 | 93.51 | 93.92 | 0.41 | 132.53 | 133.50 | 0.97 |
| 1123 | 94.09 | 94.47 | 0.38 | 133.65 | 133.84 | 0.19 |
| 1124 | 95.46 | 95.39 | -0.07 | 135.05 | 135.10 | 0.06 |
| 1125 | 95.25 | 95.26 | 0.01 | 135.02 | 134.97 | -0.04 |
| 1126 | 95.28 | 94.89 | -0.39 | 135.07 | 134.75 | -0.33 |
| 1127 | 94.95 | 94.01 | -0.94 | 134.83 | 133.81 | -1.01 |
| 1128 | 94.33 | 93.80 | -0.53 | 134.18 | 133.62 | -0.57 |
| 1129 | 94.13 | 94.42 | 0.29 | 133.66 | 133.57 | -0.09 |
| 1130 | 94.65 | 95.25 | 0.60 | 134.08 | 134.05 | -0.03 |
| 1131 | 96.59 | 96.12 | -0.48 | 135.44 | 134.71 | -0.73 |
| 1132 | 96.12 | 96.12 | 0.01 | 134.68 | 135.08 | 0.39 |
| 1133 | 96.36 | 97.00 | 0.64 | 135.36 | 136.01 | 0.66 |
| 1134 | 96.49 | 96.78 | 0.29 | 135.33 | 135.63 | 0.29 |
| 1135 | 96.36 | 96.07 | -0.29 | 134.95 | 134.95 | 0.00 |
| 1136 | 95.59 | 96.07 | 0.48 | 134.24 | 134.78 | 0.55 |
| 1137 | 96.50 | 96.33 | -0.17 | 135.17 | 135.05 | -0.12 |
| 1138 | 96.70 | 96.62 | -0.08 | 135.55 | 136.18 | 0.64 |
| 1139 | 96.31 | 96.80 | 0.48 | 136.52 | 137.27 | 0.74 |
| 1140 | 96.82 | 96.71 | -0.11 | 137.29 | 137.37 | 0.08 |
| 1141 | 96.66 | 96.64 | -0.02 | 137.33 | 137.26 | -0.07 |
| 1142 | 96.68 | 96.02 | -0.66 | 137.19 | 136.68 | -0.51 |
| 1143 | 95.82 | 96.41 | 0.59 | 136.45 | 136.84 | 0.40 |
| 1144 | 96.68 | 95.71 | -0.98 | 137.42 | 136.44 | -0.98 |
| 1145 | 95.95 | 96.05 | 0.10 | 136.59 | 136.40 | -0.19 |
| 1146 | 96.40 | 97.01 | 0.61 | 136.93 | 137.13 | 0.20 |
| 1147 | 96.62 | 97.43 | 0.81 | 136.55 | 136.83 | 0.28 |
| 1148 | 97.28 | 96.70 | -0.58 | 136.78 | 136.16 | -0.62 |
| 1149 | 97.46 | 97.66 | 0.20 | 136.34 | 136.59 | 0.25 |
| 1150 | 97.68 | 97.54 | -0.14 | 136.66 | 136.66 | 0.00 |
| 1151 | 96.85 | 97.41 | 0.56 | 136.22 | 136.67 | 0.45 |
| 1152 | 97.53 | 96.55 | -0.98 | 136.86 | 135.20 | -1.67 |
| 1153 | 96.39 | 95.54 | -0.85 | 135.38 | 133.91 | -1.47 |
| 1154 | 95.08 | 94.30 | -0.78 | 133.61 | 133.37 | -0.25 |
| 1155 | 92.71 | 91.28 | -1.43 | 131.44 | 129.55 | -1.89 |
| 1156 | 91.93 | 92.44 | 0.51 | 130.29 | 131.18 | 0.89 |
| 1157 | 91.44 | 92.71 | 1.27 | 129.58 | 130.92 | 1.34 |
| 1158 | 93.32 | 94.53 | 1.20 | 131.53 | 132.60 | 1.08 |
| 1159 | 94.14 | 93.71 | -0.43 | 132.34 | 132.60 | 0.27 |
| 1160 | 93.21 | 92.44 | -0.77 | 131.74 | 131.05 | -0.69 |
| 1161 | 92.33 | 93.76 | 1.43 | 130.97 | 132.86 | 1.90 |
| 1162 | 92.35 | 90.79 | -1.56 | 130.98 | 128.96 | -2.02 |
| 1163 | 91.15 | 90.84 | -0.30 | 129.39 | 129.59 | 0.21 |
| 1164 | 91.59 | 92.26 | 0.66 | 130.59 | 131.28 | 0.69 |
| 1165 | 93.34 | 93.40 | 0.06 | 132.76 | 132.35 | -0.41 |
| 1166 | 93.18 | 92.48 | -0.71 | 132.25 | 131.51 | -0.74 |
| 1167 | 93.33 | 93.44 | 0.10 | 132.60 | 132.66 | 0.06 |
| 1168 | 93.76 | 93.24 | -0.52 | 133.17 | 132.92 | -0.26 |
| 1169 | 92.97 | 90.73 | -2.23 | 132.72 | 130.13 | -2.59 |
| 1170 | 91.55 | 91.67 | 0.12 | 131.38 | 131.55 | 0.16 |
| 1171 | 92.22 | 91.21 | -1.01 | 132.21 | 131.06 | -1.15 |
| 1172 | 90.91 | 91.69 | 0.78 | 130.54 | 132.16 | 1.62 |
| 1173 | 92.65 | 93.03 | 0.38 | 133.38 | 133.90 | 0.52 |
| 1174 | 93.56 | 93.20 | -0.37 | 134.71 | 134.21 | -0.49 |
| 1175 | 92.51 | 92.10 | -0.41 | 133.12 | 132.70 | -0.42 |
| 1176 | 92.95 | 93.17 | 0.22 | 133.70 | 133.83 | 0.13 |
| 1177 | 94.00 | 94.64 | 0.63 | 135.23 | 135.64 | 0.41 |
| 1178 | 94.77 | 94.67 | -0.10 | 135.97 | 135.86 | -0.11 |
| 1179 | 94.98 | 94.62 | -0.36 | 135.87 | 135.57 | -0.30 |
| 1180 | 94.30 | 94.92 | 0.63 | 135.28 | 135.51 | 0.22 |
| 1181 | 94.99 | 95.85 | 0.86 | 135.58 | 136.56 | 0.98 |
| 1182 | 96.17 | 95.94 | -0.23 | 137.12 | 136.69 | -0.43 |
| 1183 | 96.06 | 95.94 | -0.12 | 137.06 | 136.94 | -0.12 |
| 1184 | 95.51 | 95.74 | 0.23 | 136.21 | 135.91 | -0.30 |
| 1185 | 95.60 | 95.81 | 0.21 | 135.59 | 136.24 | 0.65 |
| 1186 | 95.54 | 95.57 | 0.03 | 136.04 | 136.41 | 0.38 |
| 1187 | 95.74 | 95.63 | -0.11 | 136.65 | 136.20 | -0.46 |
| 1188 | 95.78 | 95.24 | -0.53 | 136.46 | 135.65 | -0.81 |
| 1189 | 94.86 | 95.35 | 0.50 | 135.05 | 135.67 | 0.62 |
| 1190 | 95.74 | 94.30 | -1.44 | 136.29 | 134.92 | -1.37 |
| 1191 | 94.16 | 94.97 | 0.81 | 135.23 | 135.64 | 0.41 |
| 1192 | 95.01 | 94.85 | -0.16 | 135.85 | 135.32 | -0.53 |
| 1193 | 95.11 | 94.12 | -0.99 | 135.82 | 134.93 | -0.89 |
| 1194 | 94.17 | 94.48 | 0.31 | 135.05 | 135.30 | 0.25 |
| 1195 | 94.76 | 93.00 | -1.75 | 135.61 | 133.54 | -2.07 |
| 1196 | 92.36 | 91.15 | -1.21 | 132.75 | 131.21 | -1.54 |
| 1197 | 91.09 | 91.90 | 0.81 | 131.00 | 131.93 | 0.93 |
| 1198 | 92.10 | 93.18 | 1.07 | 132.31 | 133.71 | 1.40 |
| 1199 | 92.89 | 92.80 | -0.10 | 133.25 | 133.33 | 0.08 |
| 1200 | 91.96 | 90.99 | -0.97 | 132.24 | 131.69 | -0.55 |
| 1201 | 91.79 | 91.99 | 0.21 | 132.68 | 132.51 | -0.17 |
| 1202 | 91.96 | 92.48 | 0.52 | 132.39 | 133.02 | 0.64 |
| 1203 | 93.58 | 93.78 | 0.20 | 134.39 | 134.56 | 0.17 |
| 1204 | 93.63 | 93.62 | 0.00 | 134.37 | 134.47 | 0.10 |
| 1205 | 93.92 | 94.73 | 0.81 | 135.11 | 135.85 | 0.74 |
| 1206 | 94.47 | 94.37 | -0.10 | 135.44 | 135.61 | 0.17 |
| 1207 | 94.73 | 94.80 | 0.07 | 135.86 | 135.70 | -0.16 |
| 1208 | 94.71 | 94.60 | -0.11 | 135.56 | 134.27 | -1.29 |
| 1209 | 95.09 | 95.24 | 0.14 | 134.42 | 134.51 | 0.08 |
| 1210 | 95.99 | 95.18 | -0.81 | 134.55 | 134.15 | -0.40 |
| 1211 | 95.00 | 95.48 | 0.47 | 134.36 | 134.42 | 0.06 |
| 1212 | 95.69 | 95.49 | -0.20 | 134.72 | 134.25 | -0.47 |
| 1213 | 95.26 | 96.06 | 0.80 | 134.13 | 134.95 | 0.82 |
| 1214 | 96.47 | 96.69 | 0.22 | 135.51 | 135.81 | 0.30 |
| 1215 | 96.33 | 96.77 | 0.43 | 135.63 | 136.01 | 0.38 |
| 1216 | 96.85 | 96.93 | 0.08 | 136.04 | 136.84 | 0.80 |
| 1217 | 96.91 | 96.56 | -0.35 | 136.68 | 136.03 | -0.66 |
| 1218 | 97.08 | 97.60 | 0.52 | 136.83 | 137.58 | 0.74 |
| 1219 | 98.26 | 98.36 | 0.10 | 138.17 | 137.72 | -0.45 |
| 1220 | 98.57 | 98.38 | -0.18 | 138.10 | 137.88 | -0.22 |
| 1221 | 98.44 | 98.33 | -0.11 | 137.98 | 138.05 | 0.06 |
| 1222 | 98.87 | 98.97 | 0.10 | 138.71 | 138.87 | 0.16 |
| 1223 | 98.47 | 99.21 | 0.74 | 139.06 | 139.16 | 0.11 |
| 1224 | 98.65 | 98.85 | 0.20 | 138.46 | 139.14 | 0.68 |
| 1225 | 98.96 | 98.98 | 0.02 | 139.30 | 139.29 | -0.01 |
| 1226 | 98.59 | 98.96 | 0.37 | 138.86 | 139.58 | 0.72 |
| 1227 | 98.77 | 99.04 | 0.27 | 139.38 | 139.55 | 0.17 |
| 1228 | 99.47 | 99.93 | 0.46 | 140.08 | 140.60 | 0.52 |
| 1229 | 99.77 | 99.67 | -0.10 | 140.49 | 140.74 | 0.25 |
| 1230 | 100.00 | 99.92 | -0.09 | 141.03 | 140.56 | -0.47 |
| 1231 | 99.71 | 99.52 | -0.20 | 140.25 | 140.04 | -0.21 |
| 1232 | 99.53 | 99.17 | -0.35 | 140.09 | 139.66 | -0.43 |
| 1233 | 99.41 | 99.39 | -0.02 | 139.92 | 140.30 | 0.39 |
| 1234 | 99.78 | 100.39 | 0.62 | 140.75 | 141.20 | 0.45 |
| 1235 | 100.43 | 100.81 | 0.38 | 141.30 | 141.66 | 0.36 |
| 1236 | 101.05 | 101.08 | 0.03 | 141.69 | 141.78 | 0.09 |
| 1237 | 100.76 | 100.49 | -0.27 | 141.45 | 141.34 | -0.11 |
| 1238 | 100.49 | 99.55 | -0.94 | 141.63 | 139.94 | -1.69 |
| 1239 | 98.51 | 98.93 | 0.42 | 138.55 | 138.64 | 0.09 |
| 1240 | 99.30 | 99.72 | 0.42 | 139.28 | 139.11 | -0.16 |
| 1241 | 99.94 | 99.98 | 0.04 | 139.43 | 139.21 | -0.22 |
| 1242 | 100.70 | 101.10 | 0.40 | 140.11 | 140.72 | 0.61 |
| 1243 | 100.98 | 100.69 | -0.29 | 140.58 | 140.24 | -0.34 |
| 1244 | 100.60 | 100.55 | -0.05 | 140.06 | 140.09 | 0.03 |
| 1245 | 100.70 | 100.86 | 0.17 | 139.96 | 140.28 | 0.32 |
| 1246 | 100.85 | 101.98 | 1.13 | 140.25 | 141.37 | 1.12 |
| 1247 | 101.93 | 101.88 | -0.06 | 141.34 | 141.49 | 0.15 |
| 1248 | 102.49 | 102.73 | 0.24 | 141.83 | 141.96 | 0.14 |
| 1249 | 102.92 | 102.66 | -0.27 | 141.96 | 142.15 | 0.19 |
| 1250 | 102.69 | 102.64 | -0.05 | 142.33 | 141.94 | -0.39 |
| 1251 | 102.67 | 102.93 | 0.26 | 142.18 | 142.73 | 0.54 |
| 1252 | 103.59 | 103.47 | -0.12 | 143.89 | 143.07 | -0.82 |
| 1253 | 103.76 | 103.57 | -0.18 | 143.62 | 143.37 | -0.25 |
| 1254 | 103.59 | 103.52 | -0.07 | 143.41 | 143.15 | -0.25 |
| 1255 | 103.64 | 103.87 | 0.23 | 143.28 | 143.51 | 0.23 |
| 1256 | 104.14 | 103.77 | -0.36 | 143.79 | 143.67 | -0.12 |
| 1257 | 103.77 | 103.17 | -0.60 | 143.72 | 142.58 | -1.14 |
| 1258 | 102.96 | 103.47 | 0.51 | 142.37 | 142.99 | 0.62 |
| 1259 | 104.03 | 104.03 | 0.00 | 143.60 | 144.59 | 0.99 |
| 1260 | 102.78 | 103.17 | 0.39 | 142.75 | 143.36 | 0.61 |
| 1261 | 102.53 | 103.73 | 1.19 | 142.36 | 143.88 | 1.51 |
| 1262 | 103.66 | 103.65 | 0.00 | 143.65 | 143.39 | -0.26 |
| 1263 | 103.73 | 104.22 | 0.50 | 143.38 | 144.33 | 0.96 |
| 1264 | 104.81 | 104.87 | 0.06 | 145.08 | 145.41 | 0.34 |
| 1265 | 105.20 | 104.76 | -0.44 | 145.54 | 144.79 | -0.75 |
| 1266 | 104.94 | 105.42 | 0.48 | 145.10 | 145.19 | 0.10 |
| 1267 | 105.35 | 105.37 | 0.01 | 145.09 | 145.49 | 0.40 |
| 1268 | 105.36 | 105.49 | 0.13 | 145.40 | 146.02 | 0.62 |
| 1269 | 106.06 | 106.43 | 0.38 | 146.69 | 147.29 | 0.60 |
| 1270 | 106.77 | 106.89 | 0.11 | 147.56 | 147.50 | -0.06 |
| 1271 | 106.53 | 106.62 | 0.09 | 147.06 | 146.84 | -0.22 |
| 1272 | 107.07 | 106.66 | -0.41 | 147.22 | 146.70 | -0.52 |
| 1273 | 106.47 | 106.72 | 0.25 | 146.19 | 146.52 | 0.33 |
| 1274 | 107.15 | 105.73 | -1.42 | 147.12 | 145.38 | -1.75 |
| 1275 | 103.83 | 103.81 | -0.02 | 142.93 | 143.18 | 0.24 |
| 1276 | 104.31 | 104.86 | 0.55 | 143.61 | 144.10 | 0.50 |
| 1277 | 105.26 | 104.58 | -0.69 | 144.91 | 144.07 | -0.85 |
| 1278 | 103.70 | 104.30 | 0.60 | 143.38 | 144.70 | 1.32 |
| 1279 | 103.91 | 102.11 | -1.80 | 143.84 | 141.79 | -2.05 |
| 1280 | 102.70 | 103.05 | 0.35 | 142.50 | 142.67 | 0.17 |
| 1281 | 104.02 | 104.29 | 0.27 | 144.59 | 144.73 | 0.13 |
| 1282 | 105.48 | 106.05 | 0.57 | 146.03 | 147.09 | 1.06 |
| 1283 | 106.37 | 106.14 | -0.24 | 147.69 | 147.48 | -0.21 |
| 1284 | 105.75 | 105.33 | -0.42 | 146.97 | 146.08 | -0.89 |
| 1285 | 105.06 | 105.98 | 0.92 | 145.73 | 147.04 | 1.31 |
| 1286 | 106.58 | 106.49 | -0.09 | 147.72 | 147.21 | -0.51 |
| 1287 | 106.96 | 107.19 | 0.23 | 147.87 | 148.35 | 0.48 |
| 1288 | 106.61 | 107.09 | 0.48 | 147.52 | 147.74 | 0.22 |
| 1289 | 107.32 | 107.35 | 0.03 | 147.85 | 147.76 | -0.09 |
| 1290 | 107.14 | 106.94 | -0.19 | 147.51 | 147.18 | -0.33 |
| 1291 | 107.37 | 107.66 | 0.29 | 147.67 | 147.79 | 0.12 |
| 1292 | 107.44 | 107.27 | -0.17 | 147.58 | 147.23 | -0.35 |
| 1293 | 106.68 | 106.20 | -0.48 | 146.63 | 146.14 | -0.50 |
| 1294 | 102.87 | 102.32 | -0.55 | 141.38 | 141.35 | -0.03 |
| 1295 | 102.97 | 99.20 | -3.76 | 142.01 | 136.98 | -5.03 |
| 1296 | 99.75 | 98.64 | -1.11 | 137.67 | 136.40 | -1.27 |
| 1297 | 96.66 | 94.69 | -1.97 | 133.96 | 130.52 | -3.44 |
| 1298 | 91.95 | 94.28 | 2.33 | 126.80 | 128.59 | 1.79 |
| 1299 | 95.06 | 98.23 | 3.17 | 129.70 | 134.82 | 5.12 |
| 1300 | 98.32 | 95.62 | -2.70 | 135.12 | 130.75 | -4.37 |
| 1301 | 97.60 | 99.88 | 2.27 | 133.84 | 136.68 | 2.83 |
| 1302 | 97.36 | 96.61 | -0.75 | 133.20 | 132.04 | -1.16 |
| 1303 | 93.61 | 94.73 | 1.11 | 128.17 | 130.61 | 2.45 |
| 1304 | 88.19 | 87.38 | -0.81 | 121.79 | 120.99 | -0.80 |
| 1305 | 90.31 | 91.51 | 1.20 | 125.02 | 127.07 | 2.05 |
| 1306 | 89.11 | 86.63 | -2.48 | 123.47 | 119.84 | -3.63 |
| 1307 | 80.73 | 78.67 | -2.06 | 111.19 | 107.72 | -3.47 |
| 1308 | 82.91 | 85.60 | 2.70 | 114.07 | 117.91 | 3.84 |
| 1309 | 76.22 | 75.43 | -0.78 | 104.56 | 103.06 | -1.50 |
| 1310 | 77.03 | 80.44 | 3.41 | 105.11 | 108.54 | 3.44 |
| 1311 | 75.71 | 75.46 | -0.25 | 101.51 | 102.14 | 0.62 |
| 1312 | 75.08 | 76.32 | 1.24 | 101.32 | 103.02 | 1.70 |
| 1313 | 77.13 | 72.65 | -4.47 | 103.90 | 98.36 | -5.54 |
| 1314 | 72.25 | 69.93 | -2.32 | 97.09 | 95.71 | -1.38 |
| 1315 | 73.56 | 76.85 | 3.29 | 101.17 | 106.46 | 5.29 |
| 1316 | 76.96 | 78.00 | 1.04 | 107.91 | 108.45 | 0.54 |
| 1317 | 78.87 | 82.84 | 3.96 | 109.71 | 115.03 | 5.31 |
| 1318 | 80.06 | 80.20 | 0.15 | 110.99 | 110.75 | -0.24 |
| 1319 | 80.88 | 82.75 | 1.87 | 111.21 | 114.30 | 3.09 |
| 1320 | 82.29 | 81.83 | -0.46 | 113.51 | 111.98 | -1.53 |
| 1321 | 78.78 | 77.79 | -0.99 | 107.71 | 107.10 | -0.61 |
| 1322 | 77.11 | 79.43 | 2.32 | 106.29 | 109.72 | 3.42 |
| 1323 | 78.92 | 77.76 | -1.17 | 108.97 | 107.73 | -1.25 |
| 1324 | 81.01 | 83.84 | 2.83 | 112.27 | 115.72 | 3.45 |
| 1325 | 86.67 | 84.16 | -2.52 | 119.92 | 115.50 | -4.42 |
| 1326 | 85.15 | 87.43 | 2.28 | 116.58 | 119.45 | 2.87 |
| 1327 | 88.31 | 88.74 | 0.43 | 120.68 | 121.02 | 0.33 |
| 1328 | 88.26 | 87.41 | -0.84 | 120.39 | 119.03 | -1.36 |
| 1329 | 89.25 | 90.00 | 0.75 | 121.43 | 121.82 | 0.40 |
| 1330 | 88.04 | 87.72 | -0.32 | 119.40 | 119.56 | 0.16 |
| 1331 | 88.36 | 88.52 | 0.15 | 119.86 | 120.12 | 0.26 |
| 1332 | 90.47 | 90.82 | 0.35 | 123.24 | 123.74 | 0.50 |
| 1333 | 89.59 | 89.33 | -0.26 | 121.86 | 121.30 | -0.56 |
| 1334 | 87.70 | 86.43 | -1.27 | 118.86 | 117.79 | -1.08 |
| 1335 | 88.10 | 88.42 | 0.32 | 119.86 | 119.77 | -0.09 |
| 1336 | 88.79 | 88.57 | -0.22 | 120.06 | 119.96 | -0.10 |
| 1337 | 89.03 | 89.73 | 0.70 | 120.75 | 121.24 | 0.49 |
| 1338 | 90.51 | 91.64 | 1.13 | 121.91 | 123.33 | 1.43 |
| 1339 | 93.13 | 90.98 | -2.15 | 125.28 | 123.13 | -2.15 |
| 1340 | 93.32 | 94.07 | 0.75 | 125.28 | 125.45 | 0.18 |
| 1341 | 92.98 | 92.38 | -0.60 | 124.14 | 124.17 | 0.03 |
| 1342 | 90.85 | 89.70 | -1.15 | 122.21 | 120.96 | -1.26 |
| 1343 | 89.11 | 90.07 | 0.96 | 120.03 | 121.02 | 0.99 |
| 1344 | 91.06 | 91.30 | 0.24 | 122.10 | 121.73 | -0.37 |
| 1345 | 91.77 | 90.53 | -1.24 | 122.42 | 120.72 | -1.69 |
| 1346 | 91.82 | 91.88 | 0.06 | 121.87 | 121.80 | -0.07 |
| 1347 | 92.99 | 93.23 | 0.24 | 123.49 | 124.09 | 0.60 |
| 1348 | 92.48 | 93.45 | 0.96 | 123.06 | 123.92 | 0.86 |
| 1349 | 93.83 | 91.38 | -2.45 | 124.54 | 121.32 | -3.22 |
| 1350 | 91.23 | 89.66 | -1.57 | 120.68 | 118.68 | -2.00 |
| 1351 | 88.58 | 90.53 | 1.95 | 117.46 | 120.52 | 3.06 |
| 1352 | 89.80 | 91.12 | 1.32 | 119.54 | 121.14 | 1.60 |
| 1353 | 93.29 | 94.02 | 0.74 | 124.47 | 125.21 | 0.73 |
| 1354 | 93.84 | 93.08 | -0.75 | 124.85 | 123.30 | -1.55 |
| 1355 | 94.24 | 94.66 | 0.43 | 124.94 | 125.04 | 0.10 |
| 1356 | 94.49 | 93.86 | -0.63 | 124.87 | 124.51 | -0.36 |
| 1357 | 93.89 | 94.27 | 0.38 | 124.50 | 124.65 | 0.15 |
| 1358 | 96.52 | 95.73 | -0.78 | 127.74 | 126.97 | -0.77 |
| 1359 | 96.56 | 97.11 | 0.56 | 128.67 | 129.74 | 1.07 |
| 1360 | 97.48 | 97.01 | -0.47 | 130.89 | 129.28 | -1.61 |
| 1361 | 96.82 | 97.50 | 0.68 | 128.49 | 129.13 | 0.64 |
| 1362 | 97.33 | 97.87 | 0.54 | 128.84 | 129.51 | 0.66 |
| 1363 | 98.27 | 98.91 | 0.64 | 130.12 | 130.60 | 0.48 |
| 1364 | 99.67 | 100.20 | 0.53 | 131.67 | 133.05 | 1.38 |
| 1365 | 99.67 | 99.93 | 0.26 | 132.56 | 133.16 | 0.60 |
| 1366 | 101.71 | 102.12 | 0.42 | 136.46 | 137.03 | 0.57 |
| 1367 | 102.10 | 103.33 | 1.23 | 137.35 | 139.14 | 1.79 |
| 1368 | 102.28 | 101.90 | -0.38 | 137.72 | 137.40 | -0.32 |
| 1369 | 102.11 | 101.19 | -0.91 | 137.38 | 136.24 | -1.14 |
| 1370 | 98.69 | 95.08 | -3.62 | 132.45 | 127.16 | -5.28 |
| 1371 | 97.79 | 96.47 | -1.32 | 130.50 | 129.31 | -1.19 |
| 1372 | 94.34 | 97.23 | 2.90 | 126.28 | 130.26 | 3.99 |
| 1373 | 100.00 | 99.13 | -0.87 | 134.36 | 132.92 | -1.45 |
| 1374 | 99.64 | 98.85 | -0.79 | 133.43 | 132.23 | -1.20 |
| 1375 | 98.14 | 98.56 | 0.42 | 131.37 | 132.37 | 1.00 |
| 1376 | 99.84 | 98.22 | -1.62 | 134.30 | 131.59 | -2.70 |
| 1377 | 97.94 | 98.76 | 0.82 | 131.08 | 132.12 | 1.04 |
| 1378 | 99.60 | 99.15 | -0.45 | 133.33 | 132.59 | -0.74 |
| 1379 | 98.42 | 96.52 | -1.90 | 131.39 | 129.15 | -2.24 |
| 1380 | 96.26 | 97.61 | 1.35 | 128.59 | 130.77 | 2.18 |
| 1381 | 97.31 | 95.57 | -1.74 | 129.91 | 127.19 | -2.72 |
| 1382 | 96.13 | 97.05 | 0.92 | 128.25 | 129.81 | 1.56 |
| 1383 | 97.03 | 98.74 | 1.71 | 129.53 | 131.13 | 1.59 |
| 1384 | 98.97 | 99.13 | 0.16 | 131.51 | 131.63 | 0.12 |
| 1385 | 100.26 | 100.01 | -0.25 | 133.15 | 132.17 | -0.98 |
| 1386 | 101.35 | 101.26 | -0.09 | 133.90 | 134.31 | 0.41 |
| 1387 | 100.58 | 100.21 | -0.37 | 133.29 | 132.34 | -0.94 |
| 1388 | 100.74 | 100.79 | 0.05 | 132.64 | 133.13 | 0.49 |
| 1389 | 100.97 | 100.49 | -0.48 | 133.12 | 131.54 | -1.59 |
| 1390 | 100.48 | 101.08 | 0.60 | 131.54 | 133.02 | 1.48 |
| 1391 | 101.86 | 100.21 | -1.66 | 133.99 | 132.79 | -1.20 |
| 1392 | 99.82 | 101.77 | 1.94 | 132.36 | 135.53 | 3.16 |
| 1393 | 102.85 | 102.81 | -0.03 | 137.24 | 136.55 | -0.69 |
| 1394 | 102.26 | 102.37 | 0.11 | 135.73 | 136.02 | 0.29 |
| 1395 | 102.88 | 103.10 | 0.22 | 136.48 | 136.02 | -0.46 |
| 1396 | 102.98 | 103.56 | 0.59 | 135.89 | 136.29 | 0.39 |
| 1397 | 104.18 | 103.65 | -0.52 | 137.12 | 136.69 | -0.44 |
| 1398 | 103.70 | 104.44 | 0.75 | 136.58 | 137.40 | 0.82 |
| 1399 | 104.46 | 103.67 | -0.79 | 137.32 | 135.91 | -1.41 |
| 1400 | 103.18 | 102.75 | -0.43 | 135.29 | 134.79 | -0.51 |
| 1401 | 102.94 | 104.18 | 1.24 | 134.44 | 135.44 | 1.00 |
| 1402 | 103.88 | 103.09 | -0.79 | 134.91 | 134.63 | -0.28 |
| 1403 | 103.49 | 104.44 | 0.95 | 134.51 | 135.25 | 0.75 |
| 1404 | 103.16 | 103.97 | 0.81 | 133.76 | 133.95 | 0.20 |
| 1405 | 103.81 | 103.93 | 0.12 | 133.83 | 133.66 | -0.17 |
| 1406 | 104.33 | 104.50 | 0.17 | 134.29 | 134.85 | 0.56 |
| 1407 | 104.33 | 104.81 | 0.48 | 134.61 | 135.25 | 0.65 |
| 1408 | 105.34 | 105.71 | 0.37 | 136.19 | 137.09 | 0.91 |
| 1409 | 105.53 | 105.87 | 0.35 | 136.85 | 137.87 | 1.03 |
| 1410 | 105.41 | 106.08 | 0.67 | 137.57 | 138.20 | 0.63 |
| 1411 | 106.26 | 106.45 | 0.19 | 138.46 | 139.47 | 1.01 |
| 1412 | 106.88 | 105.64 | -1.24 | 140.72 | 139.06 | -1.66 |
| 1413 | 106.44 | 107.16 | 0.72 | 140.41 | 140.42 | 0.01 |
| 1414 | 106.84 | 107.06 | 0.23 | 139.73 | 139.93 | 0.20 |
| 1415 | 106.75 | 106.88 | 0.13 | 139.40 | 140.00 | 0.60 |
| 1416 | 107.32 | 107.26 | -0.06 | 140.16 | 139.80 | -0.36 |
| 1417 | 107.51 | 107.39 | -0.12 | 140.20 | 139.65 | -0.55 |
| 1418 | 107.46 | 107.13 | -0.33 | 139.80 | 139.26 | -0.54 |
| 1419 | 106.44 | 107.23 | 0.79 | 138.47 | 139.42 | 0.95 |
| 1420 | 107.14 | 107.23 | 0.09 | 139.11 | 139.69 | 0.58 |
| 1421 | 108.00 | 108.10 | 0.10 | 140.46 | 141.27 | 0.80 |
| 1422 | 108.47 | 108.65 | 0.17 | 142.47 | 142.08 | -0.39 |
| 1423 | 109.12 | 109.85 | 0.73 | 143.24 | 144.48 | 1.24 |
| 1424 | 109.89 | 109.85 | -0.04 | 144.83 | 145.67 | 0.84 |
| 1425 | 110.16 | 110.62 | 0.46 | 146.13 | 146.36 | 0.23 |
| 1426 | 110.55 | 110.25 | -0.30 | 145.99 | 145.25 | -0.75 |
| 1427 | 110.14 | 111.02 | 0.88 | 144.76 | 146.42 | 1.67 |
| 1428 | 111.72 | 113.56 | 1.84 | 146.89 | 148.83 | 1.93 |
| 1429 | 113.00 | 109.37 | -3.63 | 148.72 | 144.58 | -4.13 |
| 1430 | 109.61 | 108.37 | -1.24 | 145.31 | 143.79 | -1.52 |
| 1431 | 106.33 | 105.62 | -0.71 | 141.97 | 140.55 | -1.42 |
| 1432 | 106.95 | 107.80 | 0.85 | 141.96 | 142.83 | 0.87 |
| 1433 | 108.20 | 106.04 | -2.16 | 143.42 | 140.80 | -2.62 |
| 1434 | 106.67 | 106.24 | -0.43 | 141.43 | 141.49 | 0.06 |
| 1435 | 107.53 | 107.82 | 0.29 | 142.46 | 143.24 | 0.77 |
| 1436 | 108.68 | 108.20 | -0.48 | 144.27 | 143.24 | -1.02 |
| 1437 | 108.95 | 107.77 | -1.18 | 143.84 | 143.41 | -0.42 |
| 1438 | 106.22 | 106.98 | 0.76 | 141.76 | 142.68 | 0.92 |
| 1439 | 106.95 | 105.77 | -1.18 | 142.31 | 141.39 | -0.92 |
| 1440 | 103.92 | 104.16 | 0.24 | 139.08 | 138.79 | -0.29 |
| 1441 | 104.56 | 105.05 | 0.50 | 138.87 | 139.54 | 0.67 |
| 1442 | 105.09 | 102.61 | -2.48 | 140.29 | 136.92 | -3.37 |
| 1443 | 102.36 | 103.18 | 0.82 | 136.67 | 137.20 | 0.54 |
| 1444 | 102.85 | 104.80 | 1.94 | 136.54 | 139.11 | 2.57 |
| 1445 | 106.20 | 106.34 | 0.14 | 141.05 | 141.17 | 0.12 |
| 1446 | 106.37 | 106.02 | -0.35 | 141.13 | 140.56 | -0.57 |
| 1447 | 106.26 | 106.85 | 0.59 | 140.95 | 142.26 | 1.31 |
| 1448 | 107.70 | 107.44 | -0.26 | 143.32 | 142.50 | -0.82 |
| 1449 | 105.74 | 106.62 | 0.88 | 140.52 | 141.75 | 1.22 |
| 1450 | 107.56 | 108.92 | 1.37 | 142.89 | 144.11 | 1.22 |
| 1451 | 109.21 | 107.97 | -1.24 | 144.57 | 142.19 | -2.38 |
| 1452 | 108.83 | 109.95 | 1.11 | 143.46 | 144.95 | 1.49 |
| 1453 | 110.54 | 110.77 | 0.24 | 145.60 | 145.55 | -0.05 |
| 1454 | 111.45 | 111.77 | 0.32 | 146.20 | 146.47 | 0.27 |
| 1455 | 112.60 | 113.01 | 0.41 | 147.08 | 147.74 | 0.66 |
| 1456 | 112.81 | 112.49 | -0.32 | 147.36 | 146.99 | -0.36 |
| 1457 | 112.74 | 111.88 | -0.86 | 147.11 | 146.14 | -0.98 |
| 1458 | 110.56 | 111.75 | 1.19 | 144.51 | 145.97 | 1.46 |
| 1459 | 112.18 | 111.92 | -0.26 | 146.63 | 146.59 | -0.04 |
| 1460 | 112.31 | 110.37 | -1.94 | 147.02 | 144.50 | -2.52 |
| 1461 | 110.92 | 110.92 | -0.01 | 145.17 | 145.08 | -0.09 |
| 1462 | 110.98 | 110.68 | -0.30 | 144.79 | 144.60 | -0.19 |
| 1463 | 110.76 | 111.30 | 0.54 | 144.56 | 145.34 | 0.78 |
| 1464 | 111.85 | 111.83 | -0.01 | 145.70 | 145.22 | -0.48 |
| 1465 | 110.69 | 109.51 | -1.18 | 143.62 | 141.89 | -1.73 |
| 1466 | 109.80 | 109.15 | -0.65 | 141.90 | 140.79 | -1.11 |
| 1467 | 106.93 | 104.97 | -1.96 | 137.98 | 136.00 | -1.98 |
| 1468 | 105.04 | 106.07 | 1.03 | 136.01 | 136.73 | 0.72 |
| 1469 | 106.27 | 105.65 | -0.62 | 135.93 | 135.85 | -0.08 |
| 1470 | 107.02 | 107.61 | 0.59 | 137.87 | 137.91 | 0.04 |
| 1471 | 108.79 | 109.55 | 0.76 | 139.64 | 140.78 | 1.15 |
| 1472 | 111.27 | 112.46 | 1.19 | 141.74 | 142.77 | 1.03 |
| 1473 | 114.26 | 114.59 | 0.34 | 144.82 | 145.54 | 0.72 |
| 1474 | 115.31 | 115.06 | -0.25 | 145.53 | 145.25 | -0.29 |
| 1475 | 118.10 | 115.39 | -2.72 | 153.12 | 149.21 | -3.91 |
| 1476 | 115.30 | 114.73 | -0.57 | 149.96 | 150.34 | 0.37 |
| 1477 | 115.66 | 115.34 | -0.32 | 151.19 | 150.26 | -0.93 |
| 1478 | 115.01 | 114.27 | -0.74 | 149.48 | 148.70 | -0.77 |
| 1479 | 115.04 | 116.00 | 0.96 | 149.84 | 150.69 | 0.85 |
| 1480 | 116.96 | 117.30 | 0.34 | 152.55 | 152.91 | 0.36 |
| 1481 | 116.56 | 117.18 | 0.62 | 151.80 | 152.22 | 0.42 |
| 1482 | 117.22 | 115.40 | -1.82 | 152.78 | 150.51 | -2.28 |
| 1483 | 115.00 | 115.89 | 0.89 | 150.10 | 150.70 | 0.60 |
| 1484 | 115.79 | 115.18 | -0.60 | 150.30 | 149.59 | -0.71 |
| 1485 | 115.78 | 115.94 | 0.16 | 150.43 | 151.12 | 0.70 |
| 1486 | 116.79 | 117.43 | 0.63 | 152.56 | 153.36 | 0.79 |
| 1487 | 117.48 | 116.84 | -0.64 | 153.27 | 152.56 | -0.71 |
| 1488 | 117.21 | 117.38 | 0.17 | 153.01 | 152.81 | -0.20 |
| 1489 | 117.05 | 116.69 | -0.36 | 151.96 | 151.60 | -0.36 |
| 1490 | 117.83 | 117.75 | -0.08 | 153.16 | 152.53 | -0.63 |
| 1491 | 117.43 | 117.81 | 0.38 | 151.68 | 152.75 | 1.07 |
| 1492 | 117.93 | 117.75 | -0.18 | 152.88 | 153.10 | 0.22 |
| 1493 | 118.10 | 119.27 | 1.18 | 153.39 | 154.28 | 0.89 |
| 1494 | 119.08 | 118.86 | -0.23 | 153.93 | 153.67 | -0.26 |
| 1495 | 118.43 | 119.40 | 0.96 | 153.18 | 154.20 | 1.03 |
| 1496 | 119.64 | 118.41 | -1.23 | 154.82 | 153.74 | -1.09 |
| 1497 | 117.84 | 118.05 | 0.20 | 153.04 | 153.25 | 0.21 |
| 1498 | 117.34 | 117.54 | 0.20 | 152.72 | 153.53 | 0.81 |
| 1499 | 118.24 | 117.04 | -1.20 | 154.64 | 152.67 | -1.96 |
| 1500 | 117.95 | 118.60 | 0.66 | 153.70 | 154.50 | 0.80 |
| 1501 | 118.84 | 118.38 | -0.47 | 154.41 | 154.34 | -0.08 |
| 1502 | 118.99 | 119.15 | 0.16 | 155.08 | 155.15 | 0.07 |
| 1503 | 119.25 | 118.82 | -0.43 | 155.46 | 154.54 | -0.91 |
| 1504 | 117.28 | 118.29 | 1.00 | 153.21 | 154.77 | 1.56 |
| 1505 | 118.24 | 118.11 | -0.13 | 154.64 | 153.83 | -0.81 |
| 1506 | 118.53 | 118.24 | -0.29 | 154.41 | 154.33 | -0.08 |
| 1507 | 118.43 | 118.81 | 0.39 | 154.53 | 154.72 | 0.19 |
| 1508 | 119.65 | 119.12 | -0.54 | 155.66 | 155.79 | 0.13 |
| 1509 | 119.77 | 118.67 | -1.10 | 156.60 | 155.46 | -1.14 |
| 1510 | 118.97 | 118.92 | -0.05 | 155.96 | 155.83 | -0.13 |
| 1511 | 118.95 | 119.67 | 0.73 | 155.85 | 156.90 | 1.05 |

Table AVG STOCK TICKERS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| DayNo | OPENING | CLOSING | CHANGE | DOPENING | DCLOSING | DCHANGE |
| 1.00 | 268785.75 | 268237.32 | -548.43 | 350477.91 | 348913.29 | -1564.62 |
| 2.00 | 266706.80 | 263455.79 | -3251.01 | 347146.23 | 342908.60 | -4237.63 |
| 3.00 | 264107.06 | 260871.40 | -3235.66 | 343822.95 | 339603.01 | -4219.94 |
| 4.00 | 263091.11 | 264654.02 | 1562.91 | 342611.80 | 344130.92 | 1519.12 |
| 5.00 | 266771.31 | 269186.11 | 2414.80 | 347216.85 | 350171.40 | 2954.55 |
| 6.00 | 269607.91 | 266833.22 | -2774.69 | 350595.81 | 346908.60 | -3687.21 |
| 7.00 | 267184.36 | 265232.34 | -1952.02 | 347749.45 | 345008.44 | -2741.01 |
| 8.00 | 267412.00 | 264793.29 | -2618.72 | 348164.12 | 344820.34 | -3343.78 |
| 9.00 | 262016.66 | 264181.67 | 2165.01 | 340244.17 | 341390.90 | 1146.72 |
| 10.00 | 265045.95 | 261731.86 | -3314.09 | 342387.42 | 338557.20 | -3830.22 |
| 11.00 | 261367.37 | 265770.16 | 4402.79 | 337836.50 | 342777.21 | 4940.71 |
| 12.00 | 266736.14 | 266309.46 | -426.68 | 343460.99 | 342196.21 | -1264.78 |
| 13.00 | 265742.73 | 267993.06 | 2250.32 | 340245.35 | 342755.47 | 2510.12 |
| 14.00 | 269302.02 | 271634.14 | 2332.13 | 343950.26 | 348276.96 | 4326.69 |
| 15.00 | 271228.87 | 270300.67 | -928.20 | 348167.85 | 346410.12 | -1757.74 |
| 16.00 | 270069.09 | 271513.04 | 1443.94 | 346024.28 | 346483.42 | 459.13 |
| 17.00 | 268657.56 | 269025.27 | 367.71 | 341404.98 | 340407.88 | -997.10 |
| 18.00 | 270832.26 | 265443.58 | -5388.68 | 342614.87 | 337431.29 | -5183.58 |
| 19.00 | 266120.52 | 267741.54 | 1621.02 | 338507.64 | 343208.16 | 4700.52 |
| 20.00 | 266798.82 | 265728.24 | -1070.57 | 340666.14 | 336600.70 | -4065.44 |
| 21.00 | 266263.95 | 268201.56 | 1937.61 | 337414.72 | 340103.41 | 2688.69 |
| 22.00 | 269176.18 | 271986.88 | 2810.71 | 341510.60 | 345325.06 | 3814.46 |
| 23.00 | 271217.27 | 270998.37 | -218.90 | 344260.26 | 345131.93 | 871.67 |
| 24.00 | 272140.14 | 274095.33 | 1955.20 | 346270.70 | 348789.27 | 2518.57 |
| 25.00 | 274783.77 | 272578.30 | -2205.47 | 349203.31 | 347786.14 | -1417.17 |
| 26.00 | 271789.22 | 271068.43 | -720.80 | 345690.80 | 345610.81 | -79.98 |
| 27.00 | 272267.87 | 273374.29 | 1106.42 | 347646.40 | 349257.43 | 1611.03 |
| 28.00 | 272888.54 | 272969.92 | 81.38 | 348707.31 | 349494.42 | 787.11 |
| 29.00 | 274127.65 | 275743.79 | 1616.14 | 350399.96 | 351350.26 | 950.30 |
| 30.00 | 275802.90 | 276786.36 | 983.46 | 351411.43 | 352372.50 | 961.07 |
| 31.00 | 276098.50 | 277345.89 | 1247.39 | 351488.46 | 352928.10 | 1439.64 |
| 32.00 | 276707.24 | 278041.19 | 1333.95 | 352596.70 | 353561.87 | 965.17 |
| 33.00 | 276952.40 | 277947.96 | 995.56 | 352623.99 | 353145.95 | 521.96 |
| 34.00 | 277870.57 | 279786.93 | 1916.35 | 352532.42 | 356120.80 | 3588.39 |
| 35.00 | 279528.58 | 279881.51 | 352.93 | 355636.59 | 355755.62 | 119.03 |
| 36.00 | 279701.08 | 280143.07 | 441.99 | 356222.72 | 357429.36 | 1206.64 |
| 37.00 | 280031.61 | 280232.38 | 200.77 | 357470.86 | 357620.67 | 149.80 |
| 38.00 | 280416.47 | 280476.23 | 59.75 | 358387.93 | 358703.23 | 315.30 |
| 39.00 | 280339.56 | 279784.35 | -555.22 | 358260.46 | 356906.36 | -1354.10 |
| 40.00 | 279790.45 | 282015.39 | 2224.94 | 356959.48 | 359736.75 | 2777.27 |
| 41.00 | 281385.78 | 281040.78 | -345.00 | 358806.37 | 358287.76 | -518.61 |
| 42.00 | 279947.43 | 279587.59 | -359.84 | 357158.90 | 356043.44 | -1115.46 |
| 43.00 | 280080.25 | 280401.83 | 321.58 | 356809.96 | 356897.93 | 87.97 |
| 44.00 | 278717.14 | 275713.84 | -3003.30 | 355113.37 | 350919.42 | -4193.94 |
| 45.00 | 275913.89 | 276789.01 | 875.13 | 351192.21 | 353676.52 | 2484.31 |
| 46.00 | 274521.15 | 272755.96 | -1765.19 | 350382.29 | 347107.54 | -3274.75 |
| 47.00 | 273128.22 | 272412.93 | -715.29 | 348016.07 | 346067.33 | -1948.74 |
| 48.00 | 273531.96 | 275884.57 | 2352.61 | 347328.98 | 351435.24 | 4106.26 |
| 49.00 | 275119.71 | 274321.42 | -798.29 | 350518.25 | 349020.14 | -1498.11 |
| 50.00 | 275623.58 | 278524.83 | 2901.25 | 351027.66 | 355162.24 | 4134.59 |
| 51.00 | 277107.65 | 277935.48 | 827.82 | 353416.70 | 353418.77 | 2.07 |
| 52.00 | 276933.90 | 281549.26 | 4615.36 | 352405.40 | 357917.72 | 5512.32 |
| 53.00 | 281114.08 | 281077.26 | -36.82 | 357191.27 | 356507.25 | -684.03 |
| 54.00 | 283539.81 | 284596.49 | 1056.69 | 358364.39 | 360040.20 | 1675.81 |
| 55.00 | 284327.04 | 283746.63 | -580.41 | 360003.14 | 359043.87 | -959.27 |
| 56.00 | 283682.90 | 282441.82 | -1241.08 | 358596.42 | 357315.21 | -1281.21 |
| 57.00 | 282739.77 | 277285.25 | -5454.52 | 357708.79 | 350601.04 | -7107.75 |
| 58.00 | 276222.91 | 276616.08 | 393.17 | 349058.17 | 349949.75 | 891.59 |
| 59.00 | 276709.71 | 277521.57 | 811.86 | 350193.86 | 351478.54 | 1284.68 |
| 60.00 | 279262.29 | 280955.28 | 1692.99 | 354575.94 | 356246.66 | 1670.72 |
| 61.00 | 279669.84 | 278884.49 | -785.35 | 354710.51 | 352189.81 | -2520.70 |
| 62.00 | 278536.62 | 277640.47 | -896.15 | 352009.23 | 350386.18 | -1623.05 |
| 63.00 | 277534.91 | 277631.11 | 96.20 | 350525.19 | 351373.03 | 847.84 |
| 64.00 | 276631.21 | 279637.89 | 3006.68 | 349337.77 | 353399.22 | 4061.45 |
| 65.00 | 280068.14 | 278647.84 | -1420.30 | 353832.74 | 353445.58 | -387.16 |
| 66.00 | 278876.28 | 279844.24 | 967.96 | 353527.13 | 354770.31 | 1243.18 |
| 67.00 | 279628.93 | 280142.89 | 513.96 | 354721.77 | 355892.80 | 1171.03 |
| 68.00 | 280670.51 | 280898.48 | 227.97 | 356392.57 | 357883.54 | 1490.97 |
| 69.00 | 280651.88 | 279649.32 | -1002.55 | 357473.62 | 356169.07 | -1304.55 |
| 70.00 | 279723.19 | 279849.02 | 125.83 | 356423.20 | 356972.75 | 549.56 |
| 71.00 | 280775.11 | 281363.32 | 588.21 | 358165.50 | 358829.07 | 663.57 |
| 72.00 | 281034.04 | 281138.94 | 104.90 | 358846.66 | 359110.92 | 264.26 |
| 73.00 | 279096.57 | 277510.49 | -1586.08 | 356122.46 | 353097.35 | -3025.11 |
| 74.00 | 278751.78 | 279975.04 | 1223.26 | 355564.78 | 357208.75 | 1643.97 |
| 75.00 | 281096.50 | 280108.79 | -987.72 | 358316.47 | 356009.21 | -2307.26 |
| 76.00 | 280603.09 | 280959.49 | 356.40 | 357337.10 | 357874.85 | 537.75 |
| 77.00 | 280286.06 | 281832.82 | 1546.76 | 356533.78 | 358464.18 | 1930.39 |
| 78.00 | 282208.73 | 281270.87 | -937.87 | 358816.48 | 358710.20 | -106.28 |
| 79.00 | 281937.45 | 279720.77 | -2216.68 | 360120.43 | 356578.79 | -3541.64 |
| 80.00 | 279142.84 | 279677.07 | 534.23 | 356724.44 | 358040.44 | 1316.00 |
| 81.00 | 278380.37 | 278392.31 | 11.94 | 356067.67 | 357446.33 | 1378.67 |
| 82.00 | 277424.70 | 274828.65 | -2596.05 | 356204.82 | 353448.76 | -2756.05 |
| 83.00 | 275970.63 | 278180.41 | 2209.78 | 355493.01 | 357256.58 | 1763.57 |
| 84.00 | 278633.41 | 278960.59 | 327.18 | 357844.15 | 358144.55 | 300.40 |
| 85.00 | 278470.19 | 275121.68 | -3348.50 | 357661.68 | 355577.20 | -2084.48 |
| 86.00 | 276121.75 | 274464.49 | -1657.26 | 356553.79 | 353932.29 | -2621.50 |
| 87.00 | 274518.08 | 276010.88 | 1492.81 | 353465.15 | 355359.82 | 1894.67 |
| 88.00 | 279280.87 | 279716.25 | 435.38 | 358676.10 | 360375.60 | 1699.51 |
| 89.00 | 279443.70 | 278650.70 | -793.00 | 360045.32 | 359003.02 | -1042.30 |
| 90.00 | 277160.01 | 277411.84 | 251.83 | 356922.77 | 357834.77 | 912.01 |
| 91.00 | 278152.64 | 277605.15 | -547.50 | 358951.43 | 358795.34 | -156.08 |
| 92.00 | 279161.78 | 280734.44 | 1572.67 | 360999.70 | 362952.37 | 1952.66 |
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| 94.00 | 280385.91 | 282221.92 | 1836.01 | 363249.43 | 364213.09 | 963.67 |
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| 96.00 | 281754.88 | 281726.84 | -28.04 | 364277.46 | 363554.10 | -723.36 |
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| 98.00 | 281867.79 | 282220.13 | 352.34 | 363424.36 | 362975.75 | -448.61 |
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| 298.00 | 258895.95 | 259110.30 | 214.34 | 342605.24 | 341732.14 | -873.10 |
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| 301.00 | 263540.09 | 263825.10 | 285.00 | 345867.93 | 346900.43 | 1032.51 |
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| 1503.00 | 487623.09 | 485867.95 | -1755.13 | 635660.31 | 631932.02 | -3728.28 |
| 1504.00 | 479565.35 | 483672.59 | 4107.24 | 626477.22 | 632844.43 | 6367.22 |
| 1505.00 | 483475.11 | 482956.21 | -518.90 | 632340.18 | 629009.81 | -3330.37 |
| 1506.00 | 484675.49 | 483478.34 | -1197.16 | 631374.68 | 631035.19 | -339.49 |
| 1507.00 | 484240.98 | 485820.65 | 1579.66 | 631876.82 | 632635.91 | 759.09 |
| 1508.00 | 489252.41 | 487063.66 | -2188.75 | 636476.27 | 637004.90 | 528.63 |
| 1509.00 | 489750.43 | 485253.74 | -4496.69 | 640347.16 | 635687.34 | -4659.82 |
| 1510.00 | 486473.45 | 486256.60 | -216.85 | 637719.01 | 637184.48 | -534.53 |
| 1511.00 | 486367.21 | 489346.68 | 2979.47 | 637271.57 | 641567.40 | 4295.82 |

Table SUM TICKER