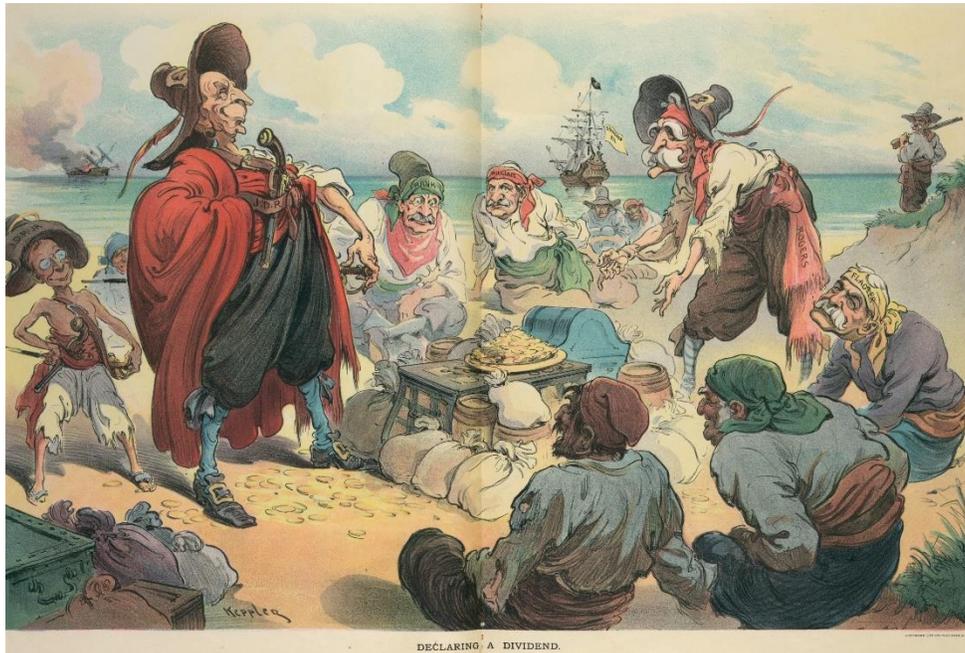


## Dividends: A 400-Year-Old Practice

May 2021



### INTRODUCTION

This week we announced a new suite of dividend focused strategies available on Canvas<sup>®</sup> ([Press Release](#)).

The history of dividends stretches back four centuries to the first issuance by Dutch East India Company (VOC) management. Since then, dividends have provided meaningful income for investors, but also played an important role in identifying responsible management teams. This post provides a *short* overview of dividend's *long* history.

### FIRST DIVIDENDS: THE DUTCH EAST INDIA COMPANY

The modern stock market began in 1602 on the Amsterdam Stock Exchange when shares of the Dutch East India Company first traded. Yet, despite the company's incredible monopoly on trade and incessant demands from shareholders, the VOC did not pay a dividend until 1610. Even still, this first dividend was paid in spices. Shareholders received "*mace at a value of 75% of the nominal capital*". It was not until 1612 that the company finally paid investors a *cash* dividend.<sup>1</sup>

The VOC issued these first dividends in response to incessant criticism from shareholders over management's poor allocation of capital and dividend policy. This shareholder movement stemmed from campaign of Isaac Le Maire, the world's first short seller. Beginning in 1609, Le Maire, published a pamphlet levying three primary criticisms against VOC management: Rising debt levels preventing dividend payouts, the board's unwillingness to hear investor complaints, and board directors "*enriching themselves to the detriment of shareholders*".<sup>2</sup>

While Le Maire had a controversial relationship with the VOC, the company's decision to issue dividends yielded a definitive victory for the short seller. Despite this temporarily satisfying shareholders, however, the pamphlets and petitions persisted. In 1622, a group of disgruntled shareholders criticized management for wasting capital:

<sup>1</sup> [Matthijs de Jongh, 'Shareholder Activism at the Dutch East India Company 1622-1625', \*Origins of Shareholder Advocacy\*, \(2010\)](#)

<sup>2</sup> [Oscar Gelderblom, Abe de Jong, Joost Jonker, \*An Admiralty for Asia: Isaac Le Maire and Conflicting Conceptions About the Corporate Governance of the VOC\* \(2010\)](#)

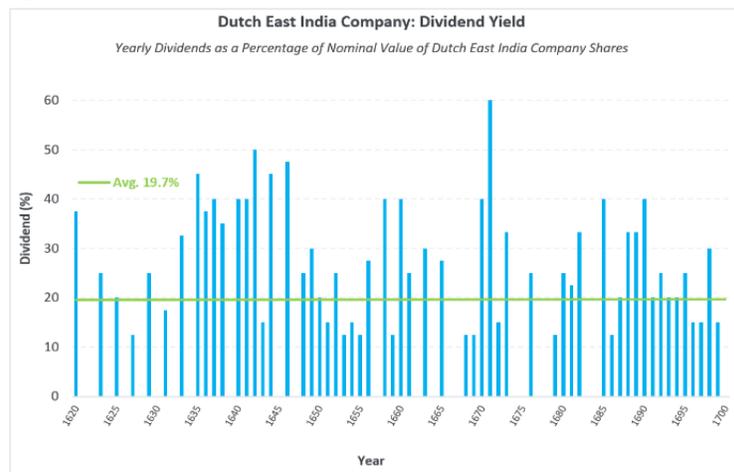
Past performance is no guarantee of future results.

Please see important information titled "General Legal Disclosures & Hypothetical and/or Backtested Results Disclaimer" at the end of this presentation.

*“That route, however, does not lead through the Strait of Magellan, where they wasted the capital of the company... Each of the directors sells something [to the company] in order to maximize his profits.... But why, my dearest Gentlemen, doesn't the company organize a public auction, why doesn't it purchase the goods from anybody who is willing to accept the lowest price? This may save one third of the construction costs of the ships.”*

– Dissenting Shareholders (1622)<sup>3</sup>

As a result, the company's new charter in 1623 ceded increased oversight, regular audits, and a more frequent dividend payout to satisfy investors.<sup>4</sup>



## DIVIDENDS & VALUATION

For financial historians, 1720 is an infamous year because of two wildly speculative manias that occurred in a matter of months: The South Sea Company & Mississippi Company Bubbles. We will not cover these episodes in detail here but suffice it to say that this period was not known for rational investment behavior. The following anecdote epitomizes this sentiment:<sup>5</sup>

*“Starting on Friday, December 18, 1719, the Daily Post carried for several days an ad for an ‘extraordinary scheme for a new insurance company to be proposed’... with ‘permits to subscribe’ offered for £0.05 each. No names of projectors, nor details of the scheme were cited.”*

Even though no crucial details on the company were provided (like what it did, who was involved, etc.), investors enthusiastically submitted their subscriptions:

*“The sale of the ‘permits’ took place on Thursday, December 24. Two days later, this same paper had an ad which offered refunds for the ‘several hundred’ of those permits that had been sold and explained that the whole thing was a hoax designed to show how easy it was to ‘impose upon a credulous multitude’.”*

<sup>3</sup> De Jongh, ‘Shareholder Activism’

<sup>4</sup> L. O. Petram, ‘The World’s First Stock Exchange: How the Amsterdam Market for Dutch East India Company Shares Became a Modern Securities Market’ (2011)

<sup>5</sup> Andrew Odlyzko, ‘An Undertaking of Great Advantage, But Nobody to Know What It Is’, MOAF (Winter 2020)

Past performance is no guarantee of future results.

Please see important information titled “General Legal Disclosures & Hypothetical and/or Backtested Results Disclaimer” at the end of this presentation.

Amidst all this speculative fervor, however, historical records reveal a few savvy and long-term oriented investors that recognized how dividend yields acted as a useful tool for equity valuation:<sup>6</sup>

---

*“The main principle on which the whole science of stock-jobbing is built, viz. **that the benefit of a dividend is always to be estimated according to the rate it bears to the price of the stock, because the purchaser is supposed to compare that rate with the profits he might make of money, if otherwise employed.**”*

- ‘Remarks on the Celebrated Calculations’ (1720)

---

### *The 19<sup>th</sup> and Early 20<sup>th</sup> Centuries*

Until the 1920s Wall Street boom, investors in both the United Kingdom and United States primarily focused on dividend payments to assess the merit of a given stock. One reason for this emphasis on dividends was due to the amount of information available on companies’ finances.

In this period, investors were not privy to the level of transparency and regular reporting schedule enjoyed today. Early equity analysts had to use dividends and other limited financial information to deduce the company’s overall financial state.<sup>7</sup>

---

*“By the late 19<sup>th</sup> and early 20<sup>th</sup> centuries, a number of benchmarks were used to analyze dividend yields. First, the dividend cover was of relevance. How protected was the dividend by earnings? For example: ‘James Book & Co (1915) offered preference shares covered five times by profits’.*

*Analysts adopted the same approach for equities and, quite early on, compared dividend yields with earnings yields...”*

---

## **CONCLUSION**

Since they were first issued in the early 1600s to now, dividends remain the same in two ways. First, they still provide a useful mechanism for returning capital to shareholders. Second, they continue to serve as important proxies for identifying strong management teams that allocate capital efficiently.

Over the last century there has been a proliferation of strategies that utilizing dividends as a key selection factor (dividend growth, dividend quality, etc.). While the types of strategies have evolved through time, the underlying notion that dividends provide investors with useful insights about companies has not changed over hundreds of years.

---

<sup>6</sup> Janette Rutterford, *From Dividend Yield to Discounted Cash Flow: A History of UK and US Equity Valuation Techniques* (2007)

<sup>7</sup> *Ibid.*

**Past performance is no guarantee of future results.**

Please see important information titled “General Legal Disclosures & Hypothetical and/or Backtested Results Disclaimer” at the end of this presentation.

#### OSAM CONTACT INFORMATION:

O'Shaughnessy Asset Management, LLC ■ Six Suburban Avenue ■ Stamford, CT 06901 ■ 203.975.3333 Tel ■ 203.975.3310 Fax

#### GENERAL LEGAL DISCLOSURES & HYPOTHETICAL AND/OR BACKTESTED RESULTS DISCLAIMER

The material contained herein is intended as a general market commentary. Opinions expressed herein are solely those of O'Shaughnessy Asset Management, LLC and may differ from those of your broker or investment firm.

Please remember that past performance may not be indicative of future results. Different types of investments involve varying degrees of risk, and there can be no assurance that the future performance of any specific investment, investment strategy, or product (including the investments and/or investment strategies recommended or undertaken by O'Shaughnessy Asset Management, LLC), or any non-investment related content, made reference to directly or indirectly in this piece will be profitable, equal any corresponding indicated historical performance level(s), be suitable for your portfolio or individual situation, or prove successful. Due to various factors, including changing market conditions and/or applicable laws, the content may no longer be reflective of current opinions or positions. Moreover, you should not assume that any discussion or information contained in this piece serves as the receipt of, or as a substitute for, personalized investment advice from O'Shaughnessy Asset Management, LLC. Any individual account performance information reflects the reinvestment of dividends (to the extent applicable), and is net of applicable transaction fees, O'Shaughnessy Asset Management, LLC's investment management fee (if debited directly from the account), and any other related account expenses. Account information has been compiled solely by O'Shaughnessy Asset Management, LLC, has not been independently verified, and does not reflect the impact of taxes on non-qualified accounts. In preparing this report, O'Shaughnessy Asset Management, LLC has relied upon information provided by the account custodian. Please defer to formal tax documents received from the account custodian for cost basis and tax reporting purposes. Please remember to contact O'Shaughnessy Asset Management, LLC, in writing, if there are any changes in your personal/financial situation or investment objectives for the purpose of reviewing/evaluating/revising our previous recommendations and/or services, or if you want to impose, add, or modify any reasonable restrictions to our investment advisory services. Please Note: Unless you advise, in writing, to the contrary, we will assume that there are no restrictions on our services, other than to manage the account in accordance with your designated investment objective. Please Also Note: Please compare this statement with account statements received from the account custodian. The account custodian does not verify the accuracy of the advisory fee calculation. Please advise us if you have not been receiving monthly statements from the account custodian. Historical performance results for investment indices and/or categories have been provided for general comparison purposes only, and generally do not reflect the deduction of transaction and/or custodial charges, the deduction of an investment management fee, nor the impact of taxes, the incurrence of which would have the effect of decreasing historical performance results. It should not be assumed that your account holdings correspond directly to any comparative indices. To the extent that a reader has any questions regarding the applicability of any specific issue discussed above to his/her individual situation, he/she is encouraged to consult with the professional advisor of his/her choosing. O'Shaughnessy Asset Management, LLC is neither a law firm nor a certified public accounting firm and no portion of the newsletter content should be construed as legal or accounting advice. A copy of the O'Shaughnessy Asset Management, LLC's current written disclosure statement discussing our advisory services and fees is available upon request.

Hypothetical performance results shown on the preceding pages are backtested and do not represent the performance of any account managed by OSAM, but were achieved by means of the retroactive application of each of the previously referenced models, certain aspects of which may have been designed with the benefit of hindsight.

The hypothetical backtested performance does not represent the results of actual trading using client assets nor decision-making during the period and does not and is not intended to indicate the past performance or future performance of any account or investment strategy managed by OSAM. If actual accounts had been managed throughout the period, ongoing research might have resulted in changes to the strategy which might have altered returns. The performance of any account or investment strategy managed by OSAM will differ from the hypothetical backtested performance results for each factor shown herein for a number of reasons, including without limitation the following:

- Although OSAM may consider from time to time one or more of the factors noted herein in managing any account, it may not consider all or any of such factors. OSAM may (and will) from time to time consider factors in addition to those noted herein in managing any account.
- OSAM may rebalance an account more frequently or less frequently than annually and at times other than presented herein.
- OSAM may from time to time manage an account by using non-quantitative, subjective investment management methodologies in conjunction with the application of factors.
- The hypothetical backtested performance results assume full investment, whereas an account managed by OSAM may have a positive cash position upon rebalance. Had the hypothetical backtested performance results included a positive cash position, the results would have been different and generally would have been lower.
- The hypothetical backtested performance results for each factor do not reflect any transaction costs of buying and selling securities, investment management fees (including without limitation management fees and performance fees), custody and other costs, or taxes – all of which would be incurred by an investor in any account managed by OSAM. If such costs and fees were reflected, the hypothetical backtested performance results would be lower.
- The hypothetical performance does not reflect the reinvestment of dividends and distributions therefrom, interest, capital gains and withholding taxes.
- Accounts managed by OSAM are subject to additions and redemptions of assets under management, which may positively or negatively affect performance depending generally upon the timing of such events in relation to the market's direction.
- Simulated returns may be dependent on the market and economic conditions that existed during the period. Future market or economic conditions can adversely affect the returns.
- Composite Performance Summary

Please Note: Socially Responsible Investing Limitations. Socially Responsible Investing involves the incorporation of Environmental, Social and Governance considerations into the investment due diligence process ("ESG"). There are potential limitations associated with allocating a portion of an investment portfolio in ESG securities (i.e., securities that have a mandate to avoid, when possible, investments in such products as alcohol, tobacco, firearms, oil drilling, gambling, etc.). The number of these securities may be limited when compared to those that do not maintain such a mandate. ESG securities could underperform broad market indices. Investors must accept these limitations, including potential for underperformance. Correspondingly, the number of ESG mutual funds and exchange traded funds are few when compared to those that do not maintain such a mandate. As with any type of investment (including any investment and/or investment strategies recommended and/or undertaken by OSAM), there can be no assurance that investment in ESG securities or funds will be profitable or prove successful.

For the full composite performance summary of this strategy, please follow this link: <http://www.osam.com>

5/13/21

**Past performance is no guarantee of future results.**

Please see important information titled "General Legal Disclosures & Hypothetical and/or Backtested Results Disclaimer" at the end of this presentation.

## O'Shaughnessy Asset Management, L.L.C. – Canvas<sup>®</sup> Disclosures

CANVAS<sup>®</sup> is an interactive web-based investment platform developed by O'Shaughnessy Asset Management, L.L.C. ("OSAM") that permits an investment professional (generally a registered investment advisor) to devise a desired investment strategy ("Strategy," including any combination of such Strategies) for the professional's client. At all times, the investment professional, and not OSAM, is responsible maintaining the initial and ongoing relationship with the underlying client and rendering individualized investment advice to the client. In addition, the investment professional and not OSAM, is responsible for (1) determining the initial and ongoing suitability of the Strategy for the client; (2) devising or determining the specific initial and ongoing desired Strategy; (3) monitoring performance of the Strategy; and (4) modifying and/or terminating the management of the client's account using the Strategy. The client may not look to OSAM for, and OSAM shall not have any responsibility for: (1) providing individualized investment advice or making any determination as to the initial or ongoing suitability of any Strategy for any specific investor, including the professional's client; (2) monitoring the Strategy; or (3) the performance of the Strategy. The use of the CANVAS<sup>®</sup> platform does not serve as the receipt of, or as a substitute for, personalized investment advice from the client's investment professional, for which the client must look solely to his or her investment professional. No guaranty of performance or suitability is made or may be inferred from materials at the CANVAS<sup>®</sup> web site or the use of the CANVAS<sup>®</sup> platform.

Past performance may not be indicative of future results. Different types of investments involve varying degrees of risk. It should not be assumed that future performance of any specific investment or investment strategy, including the investments and/or Strategy devised and/or managed by OSAM, and any investment or investment Strategy resulting from the use of CANVAS<sup>®</sup>, will be profitable, equal any historical performance level(s), be suitable for any specific investor or individual situation, or prove successful. Historical performance results for investment indices, benchmarks, and/or categories have been provided for general informational/comparison purposes only, and generally do not reflect the deduction of transaction and/or custodial charges, the deduction of an investment management fee, nor the impact of taxes, the incurrence of any or which would have the effect of decreasing historical performance results. When the securities to be purchased and held using the CANVAS<sup>®</sup> platform include exchange-traded funds, including fixed-income funds, the investor will be subject to additional expenses imposed at the fund level; the CANVAS<sup>®</sup> platform seeks to estimate these expenses but may not do so precisely. An investor's account holdings will generally not correspond directly to any comparative indices or categories.

The CANVAS<sup>®</sup> platform reports historical performance information for Strategies compiled by OSAM. These performance figures reflect hypothetical, back-tested results; thus, they represent the retroactive performance of simulated portfolios. As such, the corresponding results have inherent limitations, including that: (a) the results do not reflect actual trading using investor assets, but were achieved by means of the theoretical retroactive application of the devised Strategy, certain aspects of which may have been designed with the benefit of hindsight; (b) back-tested performance may not reflect the impact that any material market or economic factors might have had on the investment professional's use of the hypothetical portfolio if the portfolio had been used during the period to manage actual investor assets; and (c) the back-tested performance of any Strategy does not reflect trading costs, investment management fees or taxes (although, as noted above, the expenses of exchange-traded funds included in any Strategy are sought to be taken into account). Such simulated theoretical returns are provided for informational purposes only to indicate historical performance had the Strategy's portfolios been available over the relevant time period. OSAM did not offer the CANVAS<sup>®</sup> platform until April 2019. Prior to 2007, OSAM did not manage client assets.

If applicable, ESG/Socially/Biblically Responsible Investing Limitations. Certain investors desire to invest all, or a portion, of their investment portfolio in socially/biblically responsible securities (e.g. companies whose businesses do not, directly or indirectly, involve alcohol, tobacco, firearms, oil drilling, etc.). Depending upon the investor's directives, the number of such companies may be limited when compared to the broad market of publicly traded companies. As such, the diversification of the client's portfolio could correspondingly be adversely effected, as well as potential for portfolio underperformance. A client that desires such strategy must accept the above limitations. This report has been compiled purely for informational purposes only. You should not assume that any discussion or information contained in this report serves as the receipt of, or as a substitute for, individualized investment advice from OSAM. Account, and stock holdings information has been compiled solely by OSAM, has not been independently verified. Please also not, in preparing any applicable CANVAS<sup>®</sup> reports, OSAM generally relies upon information provided by the account custodian and/or third-party service providers. In preparing those type of reports as a courtesy to your Advisor, on a reasonable best efforts basis OSAM may have to manipulate account holdings and/or account statement information of which the Advisor/Client acknowledges may be imperfect or become stale, and should be reviewed by the Advisor for accuracy before relying upon such information for investment purposes. To the extent that a reader/user has any questions regarding the applicability of any specific issue discussed above to his/her individual situation, he/she is encouraged to consult with the professional advisor of his/her choosing.

A copy of OSAM's current written disclosure brochure is directly accessible via link at [www.osam.com/brochure](http://www.osam.com/brochure).

CANVAS<sup>®</sup> is intended for use only by investment professionals and by certain other investors with appropriate knowledge and experience who are able to bear the risks of loss associated with the use of the CANVAS<sup>®</sup> platform. Please remember that past performance may not be indicative of future results. Different types of investments involve varying degrees of risk, and there can be no assurance that the future performance of any specific investment, investment strategy, or product (including the investments and/or investment strategies recommended or undertaken by O'Shaughnessy Asset Management, LLC), or any non-investment related content, made reference to directly or indirectly in this piece will be profitable, equal any corresponding indicated historical performance level(s), be suitable for your portfolio or individual situation, or prove successful. Due to various factors, including changing market conditions and/or applicable laws, the content may no longer be reflective of current opinions or positions. Moreover, you should not assume that any discussion or information contained in this piece serves as the receipt of, or as a substitute for, personalized investment advice from O'Shaughnessy Asset Management, LLC. Any individual account performance information reflects the reinvestment of dividends (to the extent applicable), and is net of applicable transaction fees, O'Shaughnessy Asset Management, LLC's investment management fee (if debited directly from the account), and any other related account expenses. Account information has been compiled solely by O'Shaughnessy Asset Management, LLC, has not been independently verified, and does not reflect the impact of taxes on non-qualified accounts. In preparing this report, O'Shaughnessy Asset Management, LLC has relied upon information provided by the account custodian. Please defer to formal tax documents received from the account custodian for cost basis and tax reporting purposes. Please remember to contact O'Shaughnessy Asset Management, LLC, in writing, if there are any changes in your personal/financial situation or investment objectives for the purpose of reviewing/evaluating/reviving our previous recommendations and/or services, or if you want to impose, add, or modify any reasonable restrictions to our investment advisory services. Please Note: Unless you advise, in writing, to the contrary, we will assume that there are no restrictions on our services, other than to manage the account in accordance with your designated investment objective. Please Also Note: Please compare this statement with account statements received from the account custodian. The account custodian does not verify the accuracy of the advisory fee calculation. Please advise us if you have not been receiving monthly statements from the account custodian. Historical performance results for investment indices and/or categories have been provided for general comparison purposes only, and generally do not reflect the deduction of transaction and/or custodial charges, the deduction of an investment management fee, nor the impact of taxes, the incurrence of which would have the effect of decreasing historical performance results. It should not be assumed that your account holdings correspond directly to any comparative indices. To the extent that a reader has any questions regarding the applicability of any specific issue discussed above to his/her individual situation, he/she is encouraged to consult with the professional advisor of his/her choosing. O'Shaughnessy Asset Management, LLC is neither a law firm nor a certified public accounting firm and no portion of the newsletter content should be construed as legal or accounting advice. A copy of the O'Shaughnessy Asset Management, LLC's current written disclosure statement discussing our advisory services and fees is available upon request.

The risk-free rate used in the calculation of Sortino, Sharpe, and Treynor ratios is 5%, consistently applied across time.

The universe of All Stocks consists of all securities in the Chicago Research in Security Prices (CRSP) dataset or S&P Compustat Database (or other, as noted) with inflation-adjusted market capitalization greater than \$200 million as of most recent year-end. The universe of Large Stocks consists of all securities in the Chicago Research in Security Prices (CRSP) dataset or S&P Compustat Database (or other, as noted) with inflation-adjusted market capitalization greater than the universe average as of most recent year-end. The stocks are equally weighted and generally rebalanced annually.

Hypothetical performance results shown on the preceding pages are backtested and do not represent the performance of any account managed by OSAM, but were achieved by means of the retroactive application of each of the previously referenced models, certain aspects of which may have been designed with the benefit of hindsight.

The hypothetical backtested performance does not represent the results of actual trading using client assets nor decision-making during the period and does not and is not intended to indicate the past performance or future performance of any account or investment strategy managed by OSAM. If actual accounts had been managed throughout the period, ongoing research might have resulted in changes to the strategy which might have altered returns. The performance of any account or investment strategy managed by OSAM will differ from the hypothetical backtested performance results for each factor shown herein for a number of reasons, including without limitation the following:

- Although OSAM may consider from time to time one or more of the factors noted herein in managing any account, it may not consider all or any of such factors. OSAM may (and will) from time to time consider factors in addition to those noted herein in managing any account.
- OSAM may rebalance an account more frequently or less frequently than annually and at times other than presented herein.
- OSAM may from time to time manage an account by using non-quantitative, subjective investment management methodologies in conjunction with the application of factors.
- The hypothetical backtested performance results assume full investment, whereas an account managed by OSAM may have a positive cash position upon rebalance. Had the hypothetical backtested performance results included a positive cash position, the results would have been different and generally would have been lower.
- The hypothetical backtested performance results for each factor do not reflect any transaction costs of buying and selling securities, investment management fees (including without limitation management fees and performance fees), custody and other costs, or taxes – all of which would be incurred by an investor in any account managed by OSAM. If such costs and fees were reflected, the hypothetical backtested performance results would be lower. Therefore, it should be noted that on the previous pages of this presentation, any back-tested results may be reflected gross of fees. Had OSAM managed the back-tested Portfolio during the corresponding time period, the deduction of an OSAM fee would have decreased the reflected results. For example, the deduction of a 1.00% fee over a 10-year period would have reduced a 10% gross of fees gain to an 8.9% net of fees gain.
- The hypothetical performance does not reflect the reinvestment of dividends and distributions therefrom, interest, capital gains and withholding taxes.
- Accounts managed by OSAM are subject to additions and redemptions of assets under management, which may positively or negatively affect performance depending generally upon the timing of such events in relation to the market's direction.
- Simulated returns may be dependent on the market and economic conditions that existed during the period. Future market or economic conditions can adversely affect the returns.

**CONFIDENTIAL - FOR USE BY THE INVESTMENT PROFESSIONAL ONLY. NOT TO BE SHARED WITH AN UNDERLYING CLIENT UNLESS IN CONJUNCTION WITH A MEETING BETWEEN THE INVESTMENT PROFESSIONAL AND ITS CLIENT IN A ONE-ON-ONE SETTING.**

Past performance is no guarantee of future results.

Please see important information titled "General Legal Disclosures & Hypothetical and/or Backtested Results Disclaimer" at the end of this presentation.