

## A Fundamental Look at S&P 500<sup>®</sup> Dividend Aristocrats<sup>®</sup>

### Contributors

**Smita Chirputkar**  
Director  
Global Research & Design  
[smita.chirputkar@spglobal.com](mailto:smita.chirputkar@spglobal.com)

**Aye M. Soe, CFA**  
Managing Director  
Global Research & Design  
[aye.soe@spglobal.com](mailto:aye.soe@spglobal.com)

### EXECUTIVE SUMMARY

- Dividends play an important role in generating equity total return. Since 1926, dividends have contributed approximately one-third of total return for the [S&P 500](#), while capital appreciations have contributed two-thirds. Therefore, sustainable dividend income and capital appreciation potential are important factors for total return expectations.
- Companies use stable and increasing dividends as a signal of confidence in their firm's prospects, while market participants consider such track records as a sign of corporate maturity and balance sheet strength.
- The [S&P 500 Dividend Aristocrats](#) is designed to measure the performance of S&P 500 constituents that have followed a policy of increasing dividends every year for at least 25 consecutive years.
- The S&P 500 Dividend Aristocrats exhibits both capital growth and dividend income characteristics, as opposed to other strategies that are pure yield or pure capital-appreciation oriented.
- Across all of the time horizons measured, the S&P 500 Dividend Aristocrats exhibited higher returns with lower volatility compared with the S&P 500, resulting in higher Sharpe ratios.
- As of the December 2018 index rebalancing, S&P 500 Dividend Aristocrats constituents included 57 securities, diversified across 11 sectors (see Exhibit 13 in the Appendix).
  - The constituents have both growth and value characteristics.
  - The index has a significantly higher percentage of high-quality stocks (ranking 'A-' or higher) than the S&P 500.
- The composition of the S&P 500 Dividend Aristocrats contrasts with that of traditional dividend-oriented benchmarks that have a steep value bias and have high exposure to the financials and utilities sectors. At each rebalancing, a 30% sector cap is imposed to ensure sector diversification.
- The S&P 500 Dividend Aristocrats follows an equal weight methodology.
  - This treats each company as a distinct entity, regardless of size.
  - This also eliminates single stock concentration risk.

## INTRODUCTION

Dividends have interested market participants and theorists since the origins of modern financial theory. As such, many researchers have investigated the various topics related to dividends and dividend-paying firms. Previous studies by S&P Dow Jones Indices have shown that over a long-term investment horizon, dividend-paying constituents of the S&P 500 have outperformed the non-dividend payers and the overall broad market on a risk-adjusted basis.<sup>1</sup>

In recent years, the increasing amount of academic and practitioner research demonstrates that dividend yield is a compensated risk factor and has historically earned excess returns over a market-cap-weighted benchmark. When combined with other factors such as volatility, quality, momentum, value, and size, dividend yield strategies can potentially offer exposure to systematic sources of return.

In this paper, we show that dividend yield is an important component of total return. We also highlight pertinent characteristics of the S&P 500 Dividend Aristocrats, an index that seeks to measure the performance of the S&P 500 constituents that have increased their dividend payouts for 25 consecutive years. We show that the S&P 500 Dividend Aristocrats possesses desirable risk/return characteristics, offering higher risk-adjusted returns and downside protection than the broad-based benchmark. In addition, our analysis shows that the S&P 500 Dividend Aristocrats is sector diversified and displays growth and value characteristics.

*Dividend yield is a compensated risk factor and has historically earned excess returns over a market cap weighted benchmark.*

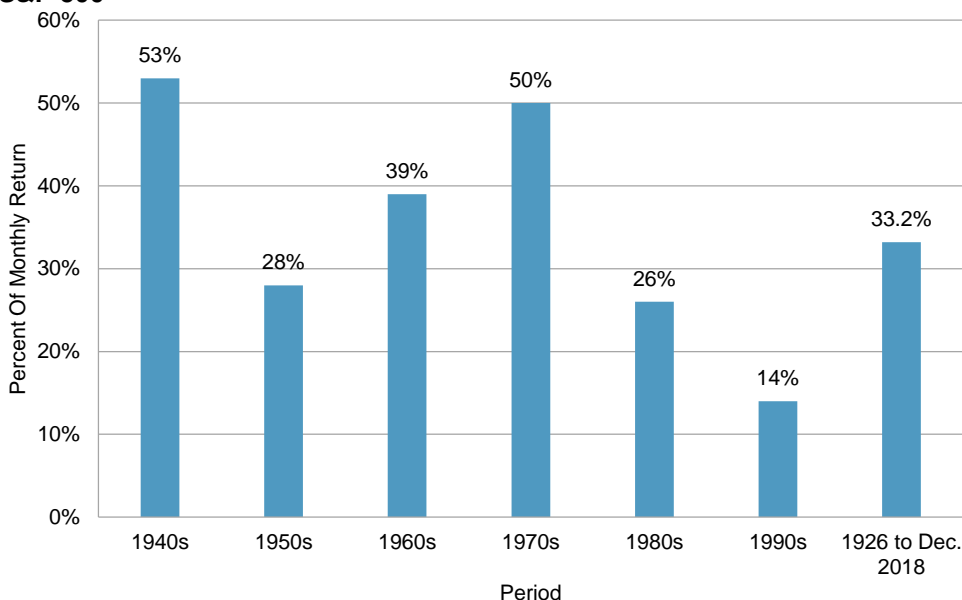
## IMPORTANCE OF DIVIDENDS

### **Dividends Contribute to More Than One-Third of Long-Term Total Return From Equity**

Historically, dividends have contributed approximately one-third of total return for the S&P 500. Exhibit 1 shows the contribution of dividends to the average monthly total return of the S&P 500 throughout several decades.<sup>1</sup> From 1926 to December 2018, dividend income constituted 33% of the monthly total return of the S&P 500, with the remaining portion coming from capital appreciation. In some decades, such as the 1940s and 1970s, dividend income accounted for more than one-half of total return, whereas during the 1990s, dividends accounted for as little as 14%. Exhibit 1 excludes dividend income during the 2000s, during which it comprised more than 100% of total return.

<sup>1</sup> Soe, Aye, "[Dividend Investing and a Look Inside the S&P Dow Jones Dividend Indices](#)," September 2013, S&P Dow Jones Indices.

**Exhibit 1: Dividend Income as a Percent of Monthly Total Return of the S&P 500<sup>2</sup>**



*In some decades, dividend income accounted for more than one-half of total return.*

Source: S&P Dow Jones Indices LLC. Data from April 1926 to December 2018. Past performance is no guarantee of future results. Chart is provided for illustrative purposes.

### Compounding Effect of Dividend Income

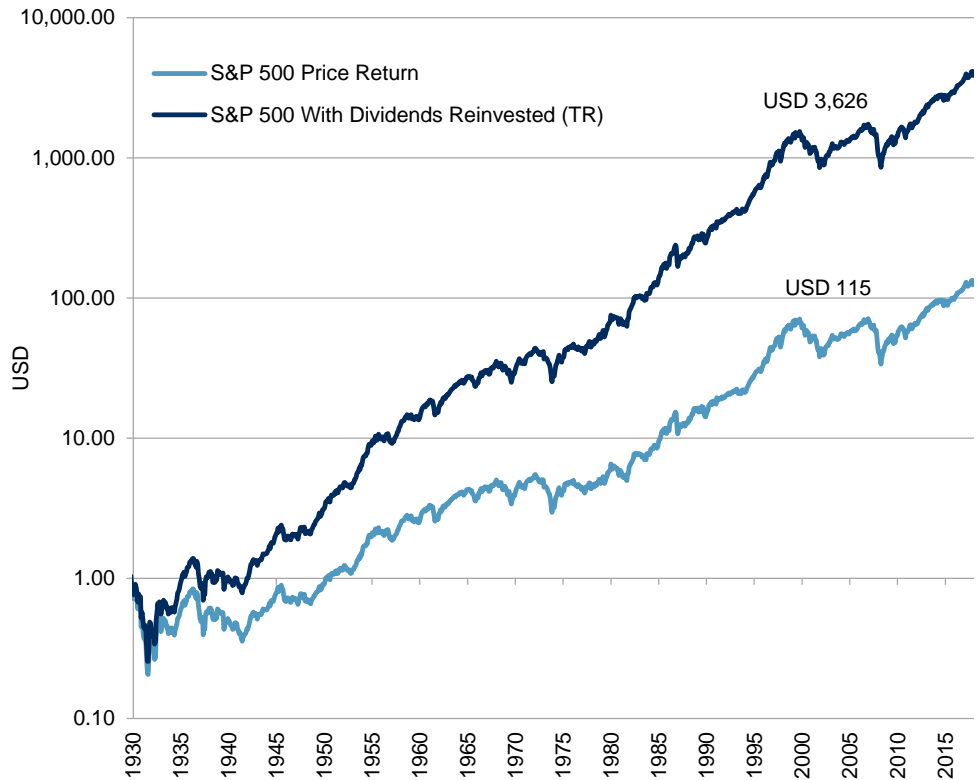
Another important aspect of dividends can be observed through the effect of compounding, as illustrated in Exhibits 2 and 3. Excluding dividends, a USD 1 investment made using the S&P 500 on Jan. 1, 1930, would have grown to USD 115 by the end of December 2018. During the same period, a USD 1 investment with dividends reinvested would have yielded USD 3,626.

*As the time horizon lengthens, the compounding effect increases.*

Exhibit 3 plots this compounding effect for the S&P 500 over several time horizons. The plotted figures are averages for every continuous horizon, based on monthly data for the 50-year period ending Dec. 31, 2018. It can be observed that the compounding effect increases as the time horizon lengthens, exhibiting a positive relationship between the two. For example, the annualized difference between the price return and the total return of the S&P 500 over every 10-year horizon, on average, amounts to nearly 77%.

<sup>2</sup> The S&P 500 did not actually have 500 stocks prior to 1957, and it was known as the S&P Composite Index. However, for simplicity's sake, we use the term "S&P 500" throughout this paper.

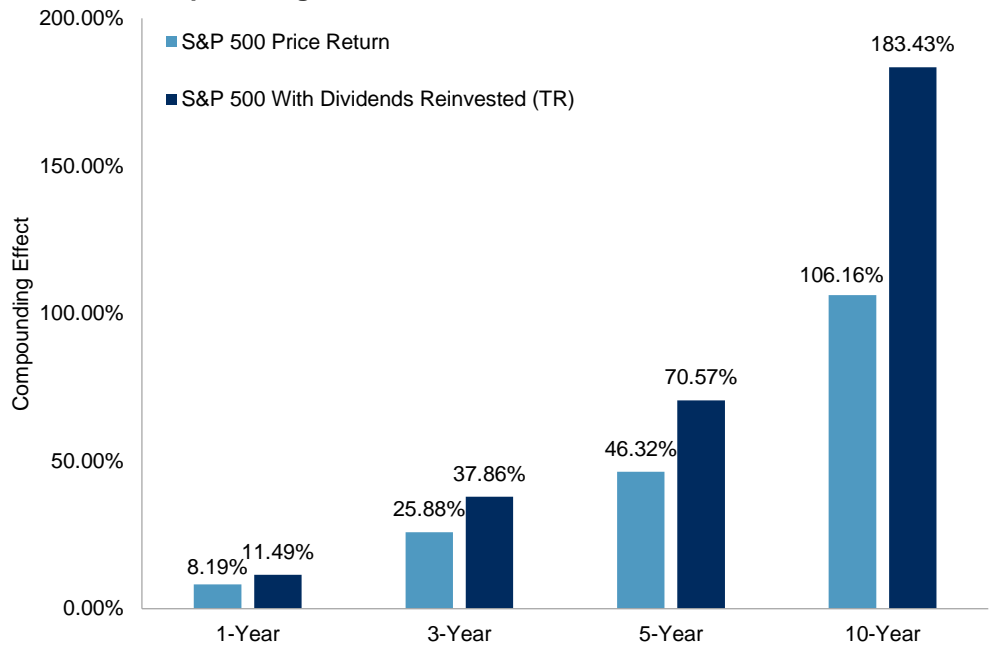
**Exhibit 2: S&P 500 Cumulative Growth of USD 1**



*A USD 1 investment with dividends reinvested would have yielded USD 3,626 by the end of December 2018.*

Source: S&P Dow Jones Indices LLC. Data from January 1930 to December 2018. Index performance based on price return and total return in USD. Past performance is no guarantee of future results. Chart is provided for illustrative purposes.

**Exhibit 3: Compounding Effect**



*The annualized difference between the price return and the total return of the S&P 500 over every 10-year horizon amounts to nearly 77%.*

Source: S&P Dow Jones Indices LLC. Data as of Dec. 31, 2018. Past performance is no guarantee of future results. Chart is provided for illustrative purposes.

## THE S&P 500 DIVIDEND ARISTOCRATS

Dividend growth has been intricately linked to equity valuation since John Burr Williams’ Dividend Discount Model of the late 1930s. As noted, managers use stable and increasing dividends as a signal of their confidence in a firm’s prospects. S&P Dow Jones Indices has been identifying stocks with a long history of consistent dividend increases (which it terms “Dividend Aristocrats”) since the early 1970s. The S&P 500 Dividend Aristocrats is designed to measure stocks with a long track record of dividend growth. To be eligible, securities must meet the following criteria.

*Dividend growth has been intricately linked to equity valuation since the late 1930s.*

1. Be members of the S&P 500.
2. Have increased dividends for at least 25 consecutive years.

*Managers use stable and increasing dividends as a signal of their confidence in a firm’s prospects.*

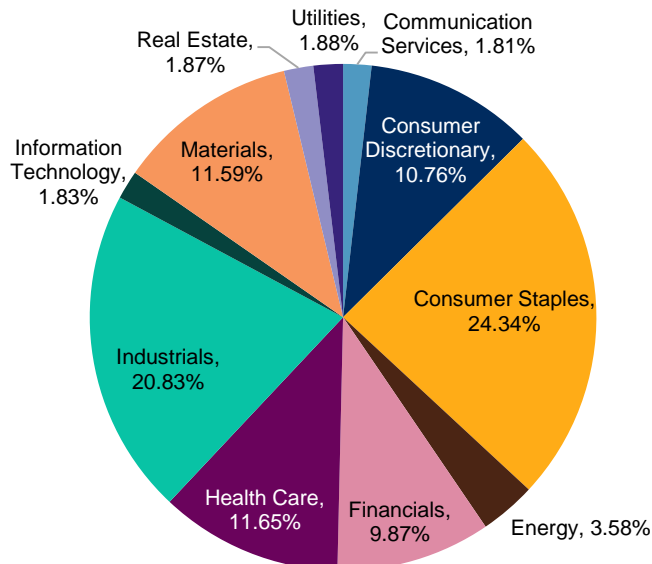
Constituents are equal weighted and re-weighted on a quarterly basis.

### Sector Diversification

As of 2018, the S&P 500 Dividend Aristocrats constituents consisted of 53 securities, diversified across 11 sectors. Unlike many dividend-yield strategies, which tend to be concentrated in the Financials and Utilities sectors to achieve high yield, the S&P 500 Dividend Aristocrats is well diversified without any sector weighing more than 30% at the time of rebalance.<sup>3</sup> Exhibit 4 illustrates the sector diversification of the S&P 500 Dividend Aristocrats as of the close of Dec. 31, 2018.

*The S&P 500 Dividend Aristocrats is well diversified without any sector weighing more than 30% at the time of rebalance.*

**Exhibit 4: Sector Diversification of the S&P 500 Dividend Aristocrats**



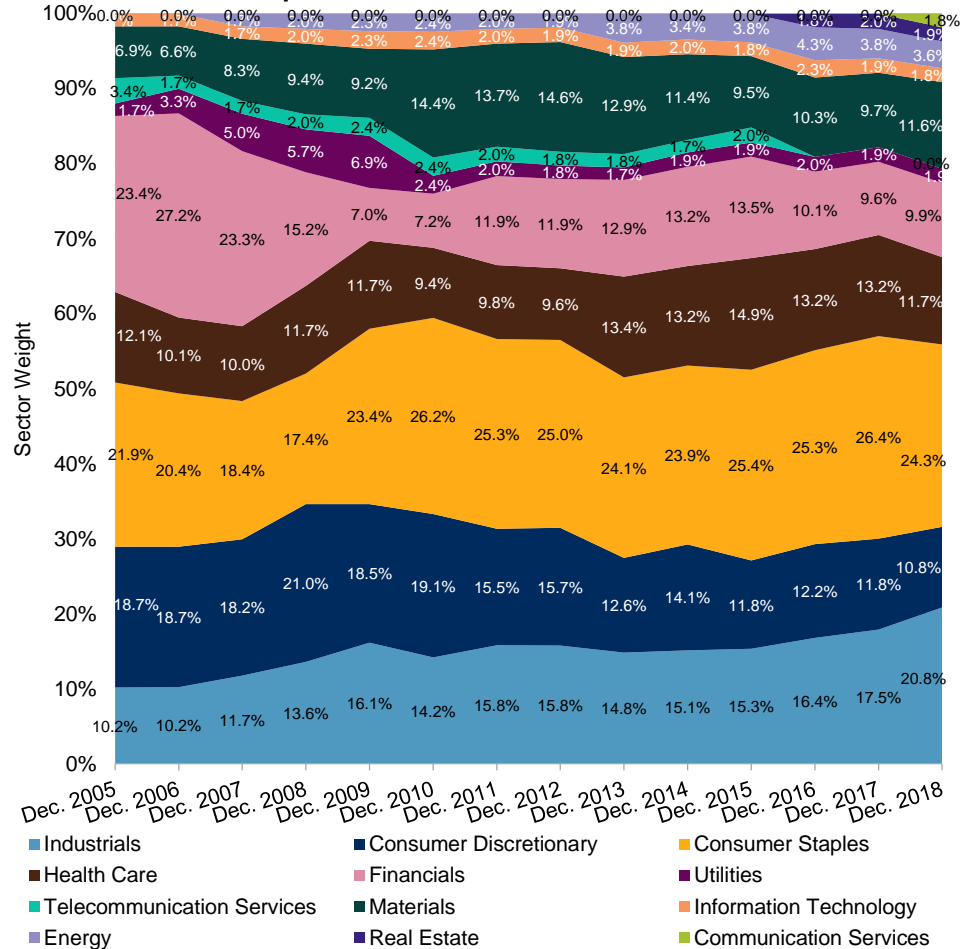
Source: S&P Dow Jones Indices LLC. Data as of the close of Dec. 31, 2018. Chart is provided for illustrative purposes.

<sup>3</sup> For further information about the rebalancing of the S&P Dividend Aristocrats, please see the [S&P 500 Dividend Aristocrats Methodology](#).

*The S&P 500 Dividend Aristocrats has drawn its constituents from a broad range of sectors throughout its history.*

As companies across sectors can exhibit a long track record of consistent dividend growth, the S&P 500 Dividend Aristocrats has drawn its constituents from a broad range of sectors throughout its history. Exhibit 5 charts the sector composition of the S&P 500 Dividend Aristocrats from year-end 2005 to December 2018.

**Exhibit 5: Sector Composition of S&P 500 Dividend Aristocrats**



Source: S&P Dow Jones Indices LLC. Data from December 2005 to December 2018. Chart is provided for illustrative purposes.

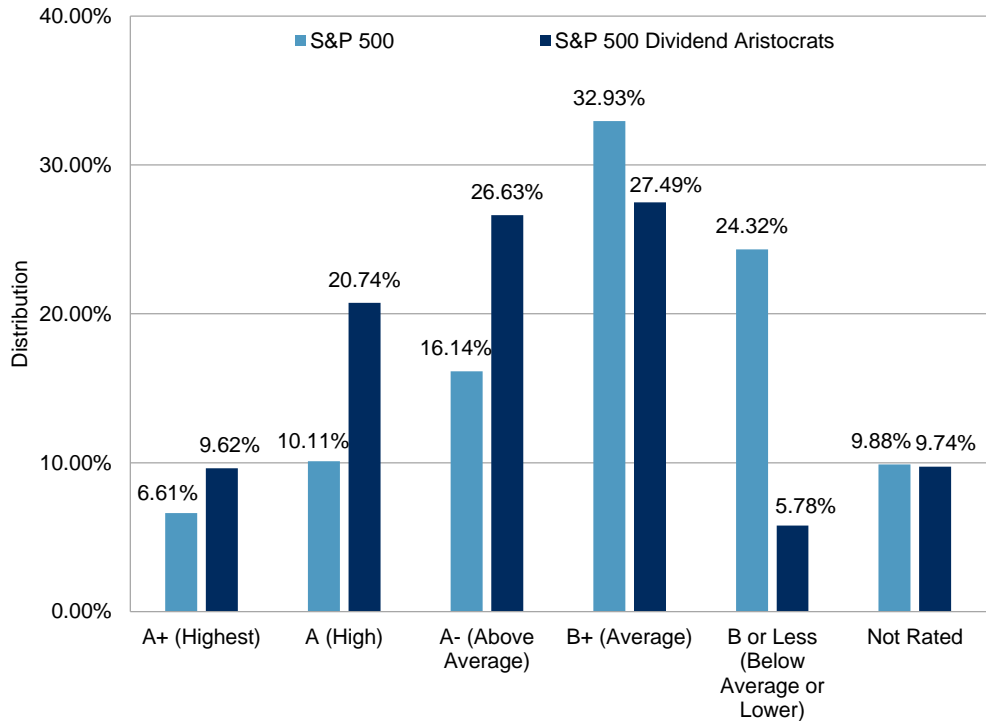
**Quality Rankings**

*The ability of management to maintain stable or increasing dividends indicates the quality of a firm's earnings and its growth prospects.*

The ability of management to maintain stable or increasing dividends indicates the quality of a firm's earnings and its growth prospects. For over 50 years, the S&P Quality Ranking Systems has ranked stocks in categories based on the growth and stability of earnings and dividends. Exhibit 6 plots the distribution of the quality rankings of the constituents of the S&P 500 Dividend Aristocrats against those of the S&P 500. Nearly 57% of the index constituents had rankings of 'A-' or higher, while the same was true for only 33% of constituents in the underlying benchmark, the S&P 500.

**Exhibit 6: Quality Rankings of the S&P 500 Dividend Aristocrats Versus the S&P 500**

*Nearly 57% of the S&P 500 Dividend Aristocrats had rankings of 'A-' or higher, while the same was true for only 33% of constituents in the S&P 500.*



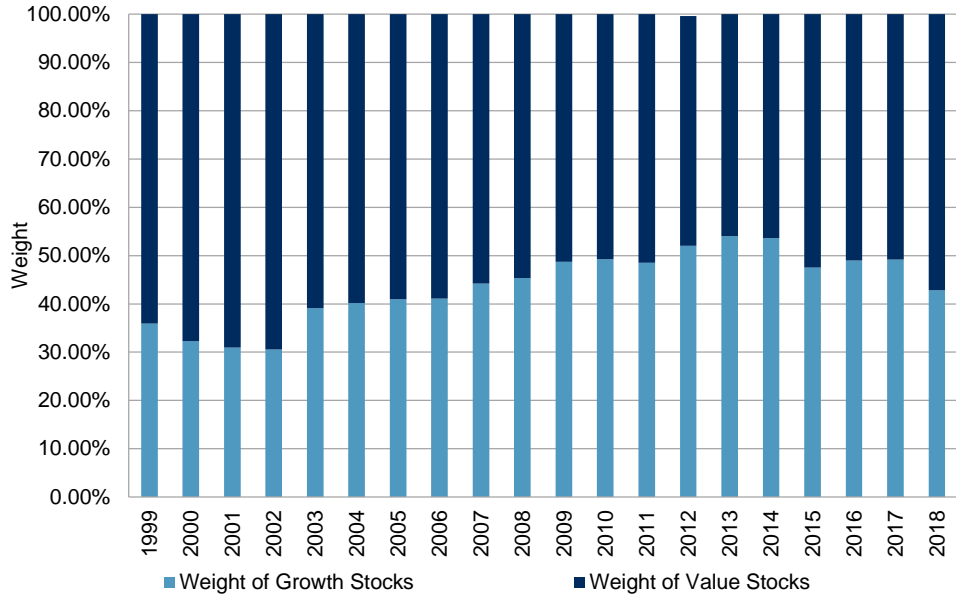
Source: S&P Dow Jones Indices LLC. Data as of December 2018. Chart is provided for illustrative purposes.

**The S&P 500 Dividend Aristocrats Has Growth and Value Characteristics**

*The S&P 500 Dividend Aristocrats exhibits both growth and value characteristics without any persistent heavy tilt toward a single style.*

Traditionally, income-seeking strategies tend to have heavy value characteristics, as market participants tend to seek securities with high dividend yield and lower price multiples. The S&P 500 Dividend Aristocrats, on the other hand, exhibits both growth and value characteristics without any persistent heavy tilt toward a single style. Exhibit 7 illustrates the style breakdown of the index composition since 1999. On average, the index has 56.22% exposure to value and 43.76% exposure to growth.

**Exhibit 7: The Growth<sup>4</sup> and Value<sup>5</sup> Characteristics of the S&P 500 Dividend Aristocrats From 1999 to 2018**



*On average, the S&P 500 Dividend Aristocrats has 56.22% exposure to value and 43.76% exposure to growth.*

Source: S&P Dow Jones Indices LLC. Growth and Value characteristics based on the style weights for the S&P Global BMI Americas from year-end 1999 to December 2018. Past performance is no guarantee of future results. Chart is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

**Current and Historical Yield**

The ability to increase dividends for 25 consecutive years does not come at the expense of lower yield. The S&P 500 Dividend Aristocrats has consistently delivered higher yields than its benchmark, the S&P 500, with yields in the range of 2.1%-2.9% over the 21-year period, as shown in Exhibit 8. The average yield of the index was 2.5%, while that of the S&P 500 was 1.8%.

*The index has consistently delivered higher yields than its benchmark.*

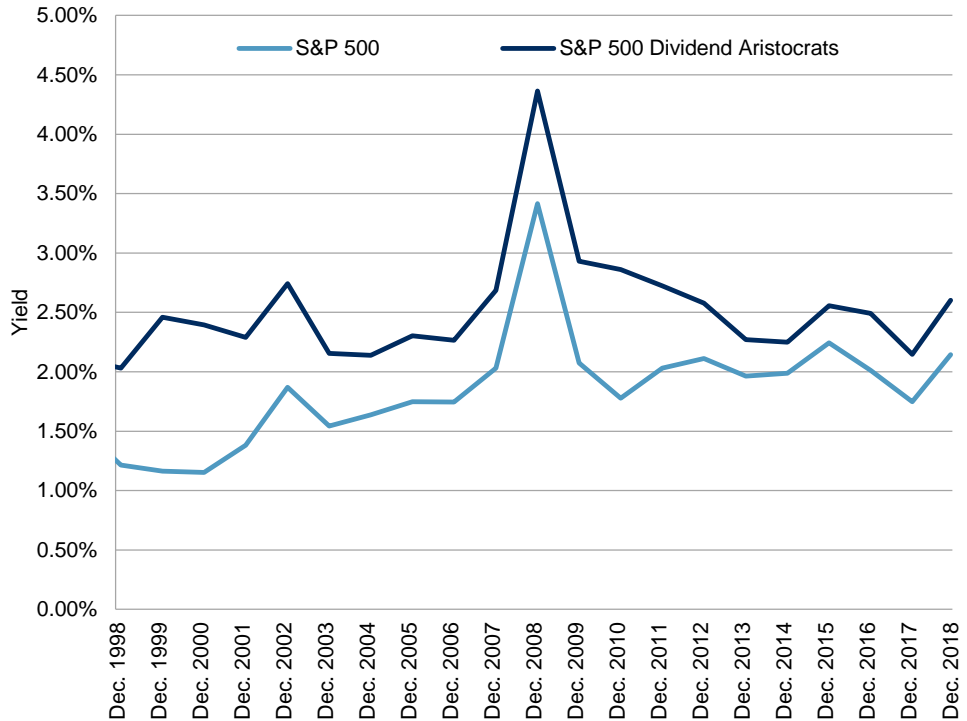
<sup>4</sup> The growth score is computed using the following three factors: 1) The three-year change in earnings per share over price per share; 2) The three-year sales per share growth rate; 3) Momentum (12 month % price change). The growth score for each company is computed as the average of the standardized values of the three growth factors.

<sup>5</sup> The value score is computed using the following three factors: 1) Price/book ratio; 2) Price/earnings ratio; 3) Price/sales ratio. The value score for each company is computed as the average of the standardized values of the three value factors.



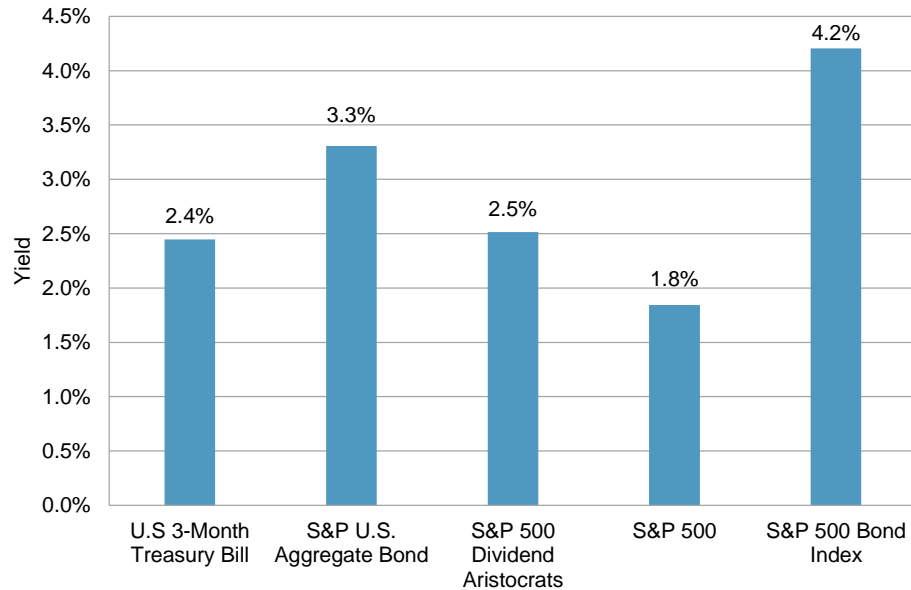
**Exhibit 8: Historical Yield of the S&P 500 Dividend Aristocrats Versus the S&P 500**

*The average yield of the S&P 500 Dividend Aristocrats was 2.5%, while that of the S&P 500 was 1.8%.*



Source: S&P Dow Jones Indices LLC. Data from January 1998 to December 2018. Past performance is no guarantee of future results. Chart is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

**Exhibit 9: Current Yields**



Source: S&P Dow Jones Indices LLC. Data as of Dec. 31, 2018. Past performance is no guarantee of future results. Chart is provided for illustrative purposes.

## Risk/Return Profile of the S&P 500 Dividend Aristocrats

Historically, the S&P 500 Dividend Aristocrats has outperformed the S&P 500 with lower volatility, as shown by higher Sharpe ratios, regardless of the time horizon being measured. Exhibit 10 compares the performance characteristics of the S&P 500 Dividend Aristocrats against those of the S&P 500. Exhibit 11 plots the historical annual performance of the S&P 500 Dividend Aristocrats against the S&P 500.

*The S&P 500 Dividend Aristocrats has outperformed the S&P 500 70.59% of the time in down months and 44.10% of the time in up months.*

The ability of the S&P 500 Dividend Aristocrats to provide downside protection can be seen in the upside and downside capture ratios. The S&P 500 Dividend Aristocrats has outperformed the S&P 500 70.59% of the time in down months and 44.10% of the time in up months. It should also be noted that the S&P 500 Dividend Aristocrats had a lower drawdown level as compared to the benchmark index.

**Exhibit 10a: Average Outperformance Over the S&P 500**

AVERAGE OUTPERFORMANCE HISTORY (USING MONTHLY RETURNS)	S&P 500 DIVIDEND ARISTOCRATS (%)
All Months	53.16
Up Months <sup>6</sup>	44.10
Down Months <sup>7</sup>	70.59

Source: S&P Dow Jones Indices LLC. Data from Jan. 31, 1990, to Dec. 31, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

Further, the S&P 500 Dividend Aristocrats provided an average excess return of 1.13% in down months over the broad-based benchmark. We have observed that the S&P 500 Dividend Aristocrats had a market beta of 0.8 in the analysis period from Jan. 31, 1990, to Dec. 31, 2018.

*The S&P 500 Dividend Aristocrats provided an average excess return of 1.13% in down months over the broad-based benchmark.*

**Exhibit 10b: Average Excess Return Over the S&P 500**

AVERAGE EXCESS MONTHLY RETURN HISTORY (%)	S&P 500 DIVIDEND ARISTOCRATS
All Months	0.16
Up Months	-0.34
Down Months	1.13

Source: S&P Dow Jones Indices LLC. Data from Jan. 31, 1990, to Dec. 31, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

<sup>6</sup> The up month is defined as a month when the return of the S&P 500 was positive for the month.

<sup>7</sup> The down month is defined as a month when the return of the S&P 500 was negative for the month.

<b>Exhibit 10c: Risk/Return Characteristics</b>		
<b>ANNUAL RETURN (%)</b>	<b>S&amp;P 500 DIVIDEND ARISTOCRATS</b>	<b>S&amp;P 500</b>
1-Year	-2.7	-4.4
3-Year	9.8	9.3
5-Year	9.1	8.5
10-Year	14.6	13.1
15-Year	10.1	7.8
20-Year	8.9	5.6
Since Inception	11.6	9.3
<b>ANNUAL VOLATILITY (%)</b>		
3-Year	10.6	11.0
5-Year	10.6	10.9
10-Year	13.3	13.6
15-Year	12.5	13.5
20-Year	13.1	14.5
Since Inception	13.3	14.2
<b>RISK-ADJUSTED RETURN</b>		
3-Year	0.9	0.8
5-Year	0.9	0.8
10-Year	1.1	1.0
15-Year	0.8	0.6
20-Year	0.7	0.4
Since Inception	0.9	0.7

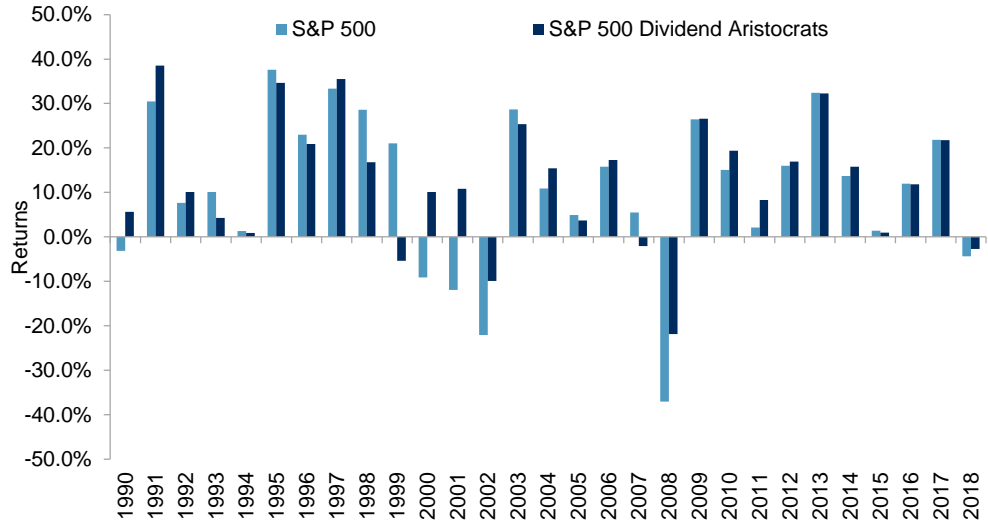
Source: S&P Dow Jones Indices LLC. Data from Jan. 31, 1990, to Dec. 31, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

<b>Exhibit 10d: Risk/Return Characteristics</b>		
<b>RISK STATISTICS SINCE INCEPTION</b>	<b>S&amp;P 500 DIVIDEND ARISTOCRATS</b>	<b>S&amp;P 500</b>
Maximum Drawdown (%)	-44.1	-50.9
Best Monthly Return (%)	14.4	11.4
Worst Monthly Return (%)	-13.2	-16.8
Average Monthly Return (%)	1.0	0.8
Minimum Rolling 12-Month Return (%)	-34.9	-43.3
Maximum Rolling 12-Month Return (%)	62.6	53.6
Beta With Benchmark	0.8	1.0
Correlation With Benchmark	0.9	1.0
Sharpe Ratio	0.7	0.4

Source: S&P Dow Jones Indices LLC. Data from Jan. 31, 1990, to Dec. 31, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

*We have observed that the S&P 500 Dividend Aristocrats had a market beta of 0.8 in the analysis period.*

**Exhibit 11: Historical Annual Performance**



Source: S&P Dow Jones Indices LLC. Data from Jan. 31, 1990, to Dec. 31, 2018. Past performance is no guarantee of future results. Chart is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

**Decomposition of Excess Returns**

*Performance attribution analysis shows that the majority of relative outperformance stems from security selection.*

Performance attribution attempts to explain the sources of a strategy’s performance relative to its benchmark over a specified period of time. An attribution analysis typically breaks down the sources of a strategy’s returns into three components: the allocation effect, the selection effect, and the interaction effect.<sup>8</sup>

In order to understand the return drivers behind the excess returns of the S&P 500 Dividend Aristocrats relative to its benchmark, we performed a holdings-based attribution analysis using the 15-year period from January 2004 to December 2018.<sup>9</sup>

Our analysis shows that the S&P 500 Dividend Aristocrats outperformed its benchmark, the S&P 500, by an average of 1.80% per year. The majority of the outperformance stems from the security selection plus the interaction effect, at 2.22%, and the remaining -0.41% comes from the allocation effect. The results confirm that the fundamental characteristics of the constituents have been the major driver behind the outperformance.

<sup>8</sup> The allocation effect is the portion of a strategy’s excess return attributable to the over or underweighting of securities in a particular grouping (country, sector, beta, etc.) relative to the benchmark. The selection effect is the portion of a strategy’s excess return attributable to selecting different securities within each group from the benchmark. The interaction effect is the portion of a strategy’s excess return attributable to combining the allocation effect with the selection effect.

<sup>9</sup> We used the Portfolio Analysis tool from FactSet for the attribution analysis. The holdings data in FactSet matched with that of the S&P Dow Jones Indices since 2004.

*The S&P 500 Dividend Aristocrats outperformed the S&P 500 by an average of 1.80% per year.*

*The S&P 500 Dividend Aristocrats has delivered higher returns than the benchmark, and it has done so with lower volatility.*

*A high percentage of the outperformance comes from security selection.*

**Exhibit 12: Attribution Analysis**

YEAR	ALLOCATION (%)	SELECTION PLUS INTERACTION (%)	TOTAL (%)
2004	0.02	4.57	4.58
2005	-1.74	0.55	-1.19
2006	0.67	0.94	1.61
2007	-4.99	-3.07	-8.06
2008	-0.95	16.63	15.67
2009	2.21	-2.22	-0.02
2010	2.60	1.64	4.24
2011	0.99	5.22	6.21
2012	1.15	-0.21	0.94
2013	0.65	-0.84	-0.19
2014	-0.22	2.52	2.30
2015	0.12	-0.55	-0.43
2016	-1.32	1.18	-0.14
2017	-1.99	1.89	-0.10
2018	-3.04	5.05	1.65
Average	-0.41	2.22	1.80

Source: S&P Dow Jones Indices LLC. Data from Jan. 1, 2004, to Dec. 31, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

## CONCLUSION

Dividends have been an important contributor to total return, in addition to providing a cushion during down markets. The S&P 500 Dividend Aristocrats, which is designed to measure the performance of blue-chip, high-quality companies that have increased their dividends for 25 consecutive years, has delivered higher returns than the broad-based, large-cap equity market, and it has done so with lower volatility. The decomposition of the index's excess returns over those of the benchmark also shows that a high percentage of the outperformance comes from security selection, highlighting that the fundamental characteristics of the index are the major return drivers.

## APPENDIX

Exhibit 13: S&P 500 Dividend Aristocrats Constituents				
NUMBER	TICKER	COMPANY	SECTOR	RANKING
1	MMM	3M Co	Industrials	A+
2	AFL	AFLAC Inc	Financials	A-
3	T	AT&T Inc	Communication Services	B
4	ABBV	AbbVie Inc.	Health Care	Not Rated
5	ABT	Abbott Laboratories	Health Care	B
6	APD	Air Products & Chemicals Inc	Materials	A-
7	ADM	Archer-Daniels-Midland Co	Consumer Staples	B+
8	ADP	Automatic Data Processing	Information Technology	A
9	BDX	Becton Dickinson & Co	Health Care	B+
10	BF.B	Brown-Forman Corp B	Consumer Staples	A-
11	CAH	Cardinal Health Inc	Health Care	B+
12	CAT	Caterpillar Inc	Industrials	B+
13	CVX	Chevron Corp	Energy	B
14	CB	Chubb Limited	Financial	Not Rated
15	CINF	Cincinnati Financial Corp	Financials	B+
16	CTAS	Cintas Corp	Industrials	A-
17	CLX	Clorox Co	Consumer Staples	A
18	KO	Coca-Cola Co	Consumer Staples	B+
19	CL	Colgate-Palmolive Co	Consumer Staples	A-
20	ED	Consolidated Edison Inc	Utilities	B+
21	DOV	Dover Corp	Industrials	B+
22	ECL	Ecolab Inc	Materials	A
23	EMR	Emerson Electric Co	Industrials	A
24	XOM	Exxon Mobil Corp	Energy	B+
25	FRT	Federal Realty Invst Trust	Real Estate	A-
26	BEN	Franklin Resources Inc	Financials	B+
27	GD	General Dynamics	Industrials	A
28	GPC	Genuine Parts Co	Consumer Discretionary	A
29	GWW	Grainger W.W. Inc	Industrials	A
30	HRL	Hormel Foods Corp	Consumer Staples	A+
31	ITW	Illinois Tool Works Inc	Industrials	A-
32	JNJ	Johnson & Johnson	Health Care	A-
33	KMB	Kimberly-Clark	Consumer Staples	B+
34	LEG	Leggett & Platt	Consumer Discretionary	B+
35	LIN	Linde plc	Materials	Not Rated
36	LOW	Lowe's Cos Inc	Consumer Discretionary	A+
37	MKC	McCormick & Co	Consumer Staples	A+

Source: S&P Dow Jones Indices LLC. Data as of Feb. 1, 2019. Table is provided for illustrative purposes.

<b>Exhibit 13: S&amp;P 500 Dividend Aristocrats Constituents (cont.)</b>				
<b>NUMBER</b>	<b>TICKER</b>	<b>COMPANY</b>	<b>SECTOR</b>	<b>RANKING</b>
38	MCD	McDonald's Corp	Consumer Discretionary	A
39	MDT	Medtronic plc	Health Care	Not Rated
40	NUE	Nucor Corp	Materials	B+
41	PPG	PPG Industries Inc	Materials	B+
42	PNR	Pentair PLC	Industrials	Not Rated
43	PBCT	People's United Financial Inc	Financials	A
44*	PEP	PepsiCo Inc	Consumer Staples	A-
45	PG	Procter & Gamble	Consumer Staples	A
46	ROP	Roper Technologies, Inc	Industrials	A
47	SPGI	S&P Global Inc	Financials	Not Rated
48	SHW	Sherwin-Williams Co	Materials	A+
49	AOS	Smith A.O. Corp	Industrials	A-
50	SWK	Stanley Black & Decker	Industrials	A-
51	SY Y	Sysco Corp	Consumer Staples	B+
52	TROW	T Rowe Price Group Inc	Financials	A
53	TGT	Target Corp	Consumer Discretionary	B+
54	UTX	United Technologies Corp	Industrials	A
55	VFC	VF Corp	Consumer Discretionary	A-
56	WBA	Walgreens Boots Alliance Inc	Consumer Staples	A-
57	WMT	Walmart Inc.	Consumer Staples	A-

Source: S&P Dow Jones Indices LLC. Data as of Feb. 1, 2019. Table is provided for illustrative purposes.

<b>S&amp;P DJI RESEARCH CONTRIBUTORS</b>		
Sunjiv Mainie, CFA, CQF	Global Head	<a href="mailto:sunjiv.mainie@spglobal.com">sunjiv.mainie@spglobal.com</a>
Jake Vukelic	Business Manager	<a href="mailto:jake.vukelic@spglobal.com">jake.vukelic@spglobal.com</a>
<b>GLOBAL RESEARCH &amp; DESIGN</b>		
<b>AMERICAS</b>		
Aye M. Soe, CFA	Americas Head	<a href="mailto:aye.soe@spglobal.com">aye.soe@spglobal.com</a>
Phillip Brzenk, CFA	Director	<a href="mailto:phillip.brzenk@spglobal.com">phillip.brzenk@spglobal.com</a>
Smita Chirputkar	Director	<a href="mailto:smita.chirputkar@spglobal.com">smita.chirputkar@spglobal.com</a>
Rachel Du	Senior Analyst	<a href="mailto:rachel.du@spglobal.com">rachel.du@spglobal.com</a>
Bill Hao	Director	<a href="mailto:wenli.hao@spglobal.com">wenli.hao@spglobal.com</a>
Qing Li	Director	<a href="mailto:qing.li@spglobal.com">qing.li@spglobal.com</a>
Berlinda Liu, CFA	Director	<a href="mailto:berlinda.liu@spglobal.com">berlinda.liu@spglobal.com</a>
Hamish Preston	Associate Director	<a href="mailto:hamish.preston@spglobal.com">hamish.preston@spglobal.com</a>
Maria Sanchez	Associate Director	<a href="mailto:maria.sanchez@spglobal.com">maria.sanchez@spglobal.com</a>
Kelly Tang, CFA	Director	<a href="mailto:kelly.tang@spglobal.com">kelly.tang@spglobal.com</a>
Hong Xie, CFA	Senior Director	<a href="mailto:hong.xie@spglobal.com">hong.xie@spglobal.com</a>
<b>APAC</b>		
Priscilla Luk	APAC Head	<a href="mailto:priscilla.luk@spglobal.com">priscilla.luk@spglobal.com</a>
Arpit Gupta	Senior Analyst	<a href="mailto:arpit.gupta1@spglobal.com">arpit.gupta1@spglobal.com</a>
Akash Jain	Associate Director	<a href="mailto:akash.jain@spglobal.com">akash.jain@spglobal.com</a>
Liyu Zeng, CFA	Director	<a href="mailto:liyu.zeng@spglobal.com">liyu.zeng@spglobal.com</a>
<b>EMEA</b>		
Sunjiv Mainie, CFA, CQF	EMEA Head	<a href="mailto:sunjiv.mainie@spglobal.com">sunjiv.mainie@spglobal.com</a>
Leonardo Cabrer, PhD	Senior Analyst	<a href="mailto:leonardo.cabrer@spglobal.com">leonardo.cabrer@spglobal.com</a>
Andrew Cairns	Senior Analyst	<a href="mailto:andrew.cairns@spglobal.com">andrew.cairns@spglobal.com</a>
Andrew Innes	Associate Director	<a href="mailto:andrew.innes@spglobal.com">andrew.innes@spglobal.com</a>
<b>INDEX INVESTMENT STRATEGY</b>		
Craig J. Lazzara, CFA	Global Head	<a href="mailto:craig.lazzara@spglobal.com">craig.lazzara@spglobal.com</a>
Chris Bennett, CFA	Director	<a href="mailto:chris.bennett@spglobal.com">chris.bennett@spglobal.com</a>
Fei Mei Chan	Director	<a href="mailto:feimei.chan@spglobal.com">feimei.chan@spglobal.com</a>
Tim Edwards, PhD	Managing Director	<a href="mailto:tim.edwards@spglobal.com">tim.edwards@spglobal.com</a>
Anu R. Ganti, CFA	Director	<a href="mailto:anu.ganti@spglobal.com">anu.ganti@spglobal.com</a>
Howard Silverblatt	Senior Index Analyst	<a href="mailto:howard.silverblatt@spglobal.com">howard.silverblatt@spglobal.com</a>



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