

Janus Henderson VIT Global Research Portfolio

Janus Aspen Series

HIGHLIGHTS

- Portfolio management perspective
- Investment strategy behind your portfolio
- Portfolio performance, characteristics and holdings

Janus Henderson
— INVESTORS —

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Janus Henderson VIT Global Research Portfolio

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Janus Henderson VIT Global Research Portfolio (unaudited)

PORTFOLIO SNAPSHOT

We believe that the best way to generate consistent excess returns is stock picking based on independent research. We focus the risks of the Portfolio on what we feel are our strengths – research and stock selection – and seek to avoid unnecessary risks, specifically macro risks and other portfolio biases. Therefore, we let sector experts drive the process and pick their best ideas and use a portfolio oversight team to monitor the risk of the Portfolio and keep it focused on stock selection.

Team-Based Approach
Led by Matthew Peron,
Director of Research

PERFORMANCE SUMMARY

Janus Henderson Global Research Portfolio's Institutional Shares and Service Shares returned 20.06% and 19.76%, respectively, over the 12-month period ending December 31, 2020, while its primary benchmark, the MSCI World IndexSM, returned 15.90%. The Portfolio's secondary benchmark, the MSCI All Country World IndexSM, returned 16.25%.

MARKET ENVIRONMENT

Global equities generated solid gains for the year, recovering from a sharp downturn in March sparked by the worldwide spread of COVID-19 and ensuing fears of a global economic recession. Unprecedented monetary and fiscal stimulus by governments and central banks around the world, along with the development and approval of COVID-19 vaccines, supported the recovery in equities. A favorable earnings backdrop also contributed to the market's resilience. Although the rebound in the markets was led primarily by large-cap technology and health care stocks, toward the end of the period, market leadership showed signs of expanding to more cyclical and value-oriented businesses in areas of the market that historically have performed well during an economic recovery.

PERFORMANCE DISCUSSION

Our seven global sector teams employ a bottom-up, fundamental approach to identify what we consider the best global opportunities. Our analysts take a long-term view of companies with a focus on value creation and duration of growth, which may lead to high returns on invested capital. The Portfolio directly captures the insights of our teams through their highest-conviction ideas. In building a diversified portfolio, we seek to minimize macroeconomic risks while generating superior performance over longer periods.

Contributing most to relative performance were the Portfolio's selection of financials and communications

stocks. Conversely, weak security selection within the energy and health care sectors limited relative gains.

On an individual stock basis, top relative contributors included technology holdings Taiwan Semiconductor Manufacturing Company (TSMC), ASML Holding and Adobe. Rising demand for 5G technology, high-performance computing applications and the Internet of Things continued to support a positive outlook for the semiconductor industry. Companies such as TSMC, a semiconductor foundry company, and ASML, a manufacturer of chip-making equipment, subsequently benefited. Adobe continued to benefit from robust growth in digital media across creative and document clouds. The software maker saw increased demand for its products due to an acceleration in these trends as more people worked from home during quarantines.

Key contributors to the Portfolio's performance also included companies affected by changes in consumer behaviors due to the pandemic. For example, an acceleration in online commerce lifted the stock of Amazon.com. Its Amazon Web Services (AWS) cloud computing platform also saw continued strength, driven in part by an increase in the number of people working from home.

On an individual stock basis, notable relative detractors included a strong-performing technology-related stock that does not meet our investment criteria and, consequently, is not held in the Portfolio. However, among stocks that are held in the Portfolio, technology hardware and services company Apple was a top detractor. The Portfolio held a notably smaller position in the stock than the index. Given the large share of the index that Apple commands, this prevented us from benefiting from the stock's strong gains to the same degree as our benchmark. Shares advanced on enthusiasm surrounding the 5G product cycle.

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Decreased demand for oil during the pandemic and Saudi Arabia's decision to bring incremental supply into a weak market caused oil prices to plummet during the period. Our holdings in integrated energy company Suncor Energy and shale oil and gas producer EOG Resources subsequently detracted from the Portfolio's relative results. We are optimistic about steps Suncor is taking to navigate the current challenging environment, including reducing operating expenses and cutting its shareholder dividend to help preserve balance sheet strength. Furthermore, Suncor runs a significant percentage of oil it produces through its own refineries, providing it with a deep understanding of how to take advantage of dislocations in the value chain. We are less optimistic about EOG Resources and liquidated our position in the stock as a means of reducing our upstream exposure to exploration companies.

Other notable detractors included companies that experienced a significant disruption as a result of the global pandemic. For example, the impact of the pandemic on travel demand weighed on Norwegian Cruise Line Holdings. The cruise ship operator suffered from a significant increase in cancellations and decrease in bookings. Given the severity of the stock's decline, we sold our position.

OUTLOOK

Our outlook for equities in 2021 is positive, supported by expectations of strong earnings growth and the notion that the global economy may be healing more rapidly than anticipated. While we recognize that businesses and households could again shut their wallets in the event of an extended and uncontrolled increase in COVID-19 infections, many countries have coalesced around the idea that certain economic activity remains essential and many companies have learned to adapt their business models to accommodate changes in client behavior. Still other companies have benefited from helping businesses and households navigate the health crisis, such as those providing remote working and e-commerce solutions and innovative pharmaceutical and biotechnology firms developing COVID-19 therapies and vaccines.

The value these sectors added to the economy in 2020 enabled them to generate some of the year's highest market returns and, as evidence builds that a V-shaped recovery is emerging, we believe they have the potential to be joined by other sectors. Improving economic conditions are already being reflected in corporate earnings and upwardly revised estimates for the coming

quarters. Notably, leading the expected earnings gains for 2021 are industrials, consumer discretionary and materials – three sectors typically dependent upon broad economic growth.

While a broadening recovery in equities, in our view, is grounded in favorable fundamentals, certain risks remain. Among them are the unknown duration of the pandemic and, in the U.S., potential changes in the regulatory environment and a possible inflationary surprise. Although we remain cognizant of these risks, we view fundamentals, forward-looking management teams and low interest rates as strong catalysts capable of helping equity markets overcome adversity and therefore look forward to 2021 with optimism.

Thank you for your investment in Janus Henderson VIT Global Research Portfolio.

Janus Henderson VIT Global Research Portfolio (unaudited)
Portfolio At A Glance
December 31, 2020

5 Top Contributors - Holdings

	Average Weight	Relative Contribution
Taiwan Semiconductor Manufacturing Co Ltd	1.51%	0.74%
ASML Holding NV	2.00%	0.71%
Amazon.com Inc	3.71%	0.59%
Hexagon AB	1.37%	0.58%
Adobe Inc	2.20%	0.52%

5 Top Detractors - Holdings

	Average Weight	Relative Contribution
Apple Inc	1.57%	-1.35%
Suncor Energy Inc	0.60%	-0.60%
Norwegian Cruise Line Holdings Ltd	0.13%	-0.59%
Microsoft Corp	2.60%	-0.50%
EOG Resources Inc	0.15%	-0.41%

4 Top Contributors - Sectors*

	Relative Contribution	Portfolio Average Weight	MSCI World Index Average Weight
Financials	3.12%	18.53%	18.36%
Communications	2.05%	10.62%	10.53%
Consumer	0.56%	17.16%	17.28%
Industrials	0.54%	16.34%	16.40%

4 Top Detractors - Sectors*

	Relative Contribution	Portfolio Average Weight	MSCI World Index Average Weight
Energy	-0.71%	6.70%	6.71%
Healthcare	-0.52%	13.67%	13.84%
Other**	-0.34%	0.41%	0.09%
Technology	-0.10%	16.57%	16.79%

Relative contribution reflects how the portfolio's holdings impacted return relative to the benchmark. Cash and securities not held in the portfolio are not shown. For equity portfolios, relative contribution compares the performance of a security in the portfolio to the benchmark's total return, factoring in the difference in weight of that security in the benchmark. Returns are calculated using daily returns and previous day ending weights rolled up by ticker, excluding fixed income securities, gross of advisory fees, may exclude certain derivatives and will differ from actual performance. Performance attribution reflects returns gross of advisory fees and may differ from actual returns as they are based on end of day holdings. Attribution is calculated by geometrically linking daily returns for the portfolio and index.

* The sectors listed above reflect those covered by the six analyst teams who comprise the Janus Henderson Research Team.

** Not a GICS classified sector.

Janus Henderson VIT Global Research Portfolio (unaudited)

Portfolio At A Glance

December 31, 2020

5 Largest Equity Holdings - (% of Net Assets)

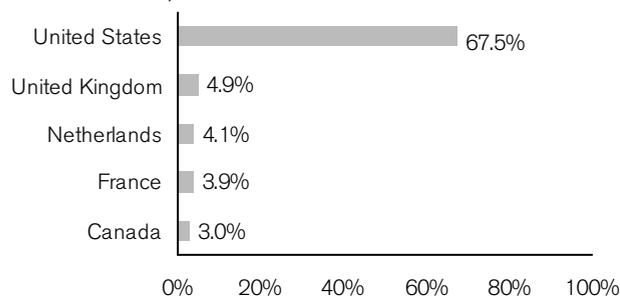
Microsoft Corp	
Software	4.2%
Amazon.com Inc	
Internet & Direct Marketing Retail	3.4%
Apple Inc	
Technology Hardware, Storage & Peripherals	3.2%
Alphabet Inc - Class C	
Interactive Media & Services	2.7%
ASML Holding NV	
Semiconductor & Semiconductor Equipment	2.3%
	15.8%

Asset Allocation - (% of Net Assets)

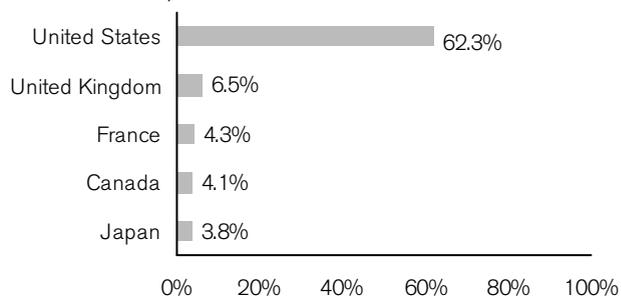
Common Stocks	99.6%
Investment Companies	0.4%
Investments Purchased with Cash	
Collateral from Securities Lending	0.3%
Other	(0.3)%
	100.0%

Top Country Allocations - Long Positions - (% of Investment Securities)

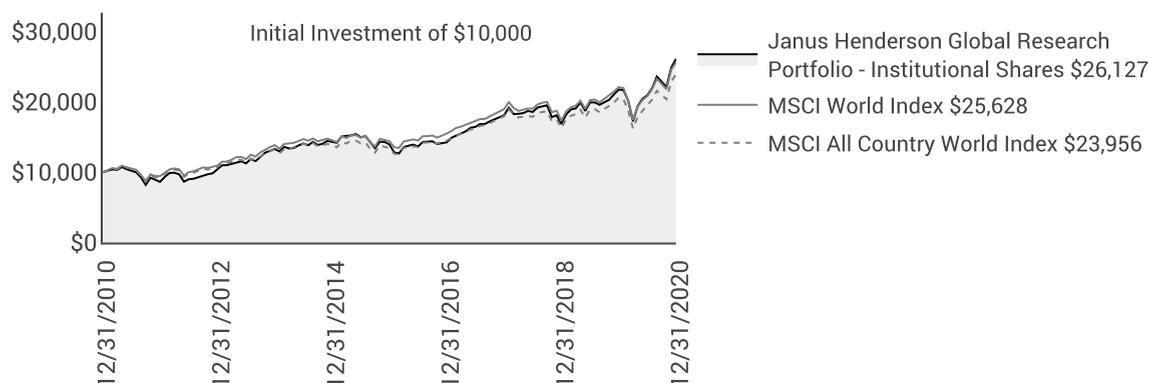
As of December 31, 2020



As of December 31, 2019



Janus Henderson VIT Global Research Portfolio (unaudited) Performance



Average Annual Total Return - for the periods ended December 31, 2020	Expense Ratios				
	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	20.06%	13.35%	10.08%	8.92%	0.79%
Service Shares	19.76%	13.06%	9.81%	8.64%	1.04%
MSCI World Index	15.90%	12.19%	9.87%	7.54%	
MSCI All Country World Index	16.25%	12.26%	9.13%	N/A**	
Morningstar Quartile - Institutional Shares	2nd	2nd	2nd	2nd	
Morningstar Ranking - based on total returns for World Large Stock Funds	327/894	247/739	201/538	87/167	

Returns quoted are past performance and do not guarantee future results; current performance may be lower or higher. Investment returns and principal value will vary; there may be a gain or loss when shares are sold. For the most recent month-end performance call 800.668.0434 or visit janushenderson.com/VITperformance.

This Portfolio has a performance-based management fee that may adjust up or down based on the Portfolio's performance.

Performance may be affected by risks that include those associated with foreign and emerging markets, fixed income securities, high-yield and high-risk securities, undervalued, overlooked and smaller capitalization companies, real estate related securities including Real Estate Investment Trusts (REITs), non-diversification, portfolio turnover, derivatives, short sales, initial public offerings (IPOs) and potential conflicts of interest. Each product has different risks. Please see the prospectus for more information about risks, holdings and other details.

Returns do not reflect the deduction of fees, charges or expenses of any insurance product or qualified plan. If applied, returns would have been lower.

Returns include reinvestment of all dividends and distributions and do not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares. The returns do not include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes.

Performance for Service Shares prior to December 31, 1999 reflects the performance of Institutional Shares adjusted to reflect the expenses of Service Shares.

Ranking is for the share class shown only; other classes may have different performance characteristics.

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There is no assurance that the investment process will consistently lead to successful investing.

See Notes to Schedule of Investments and Other Information for index definitions.

Index performance does not reflect the expenses of managing a portfolio as an index is unmanaged and not available for direct investment.

See important disclosures on the next page.

Janus Henderson VIT Global Research Portfolio (unaudited) Performance

See "Useful Information About Your Portfolio Report."

Effective April 13, 2020, Matthew Peron is the Portfolio Manager of the Portfolio and provides general oversight of the Research Team.

*The Portfolio's inception date – September 13, 1993

‡ As stated in the prospectus. See Financial Highlights for actual expense ratios during the reporting period.

**Since inception return is not shown for the index because the index's inception date differs significantly from the Portfolio's inception date.

Janus Henderson VIT Global Research Portfolio (unaudited)

Expense Examples

As a shareholder of the Portfolio, you incur two types of costs: (1) transaction costs and (2) ongoing costs, including management fees; 12b-1 distribution and shareholder servicing fees (applicable to Service Shares only); transfer agent fees and expenses payable pursuant to the Transfer Agency Agreement; and other Portfolio expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. The example is based upon an investment of \$1,000 invested at the beginning of the period and held for the six-months indicated, unless noted otherwise in the table and footnotes below.

Actual Expenses

The information in the table under the heading "Actual" provides information about actual account values and actual expenses. You may use the information in these columns, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the appropriate column for your share class under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during the period.

Hypothetical Example for Comparison Purposes

The information in the table under the heading "Hypothetical (5% return before expenses)" provides information about hypothetical account values and hypothetical expenses based upon the Portfolio's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Portfolio's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Portfolio and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. Additionally, for an analysis of the fees associated with an investment in either share class or other similar funds, please visit www.finra.org/fundanalyzer.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transaction costs, such as any charges at the separate account level or contract level. These fees are fully described in the Portfolio's prospectuses. Therefore, the hypothetical examples are useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transaction costs were included, your costs would have been higher.

	Actual			Hypothetical (5% return before expenses)			Net Annualized Expense Ratio
	Beginning Account Value (7/1/20)	Ending Account Value (12/31/20)	Expenses Paid During Period (7/1/20 - 12/31/20)†	Beginning Account Value (7/1/20)	Ending Account Value (12/31/20)	Expenses Paid During Period (7/1/20 - 12/31/20)†	
Institutional							
Shares	\$1,000.00	\$1,246.70	\$4.69	\$1,000.00	\$1,020.96	\$4.22	0.83%
Service Shares	\$1,000.00	\$1,245.20	\$6.15	\$1,000.00	\$1,019.66	\$5.53	1.09%

† Expenses Paid During Period are equal to the Net Annualized Expense Ratio multiplied by the average account value over the period, multiplied by 184/366 (to reflect the one-half year period). Expenses in the examples include the effect of applicable fee waivers and/or expense reimbursements, if any. Had such waivers and/or reimbursements not been in effect, your expenses would have been higher. Please refer to the Notes to Financial Statements or the Portfolio's prospectuses for more information regarding waivers and/or reimbursements.

Janus Henderson VIT Global Research Portfolio

Schedule of Investments

December 31, 2020

	<i>Shares or Principal Amounts</i>	<i>Value</i>
Common Stocks– 99.6%		
Aerospace & Defense – 3.1%		
CAE Inc	262,601	\$7,277,392
L3Harris Technologies Inc	45,055	8,516,296
Safran SA*	74,126	10,511,234
		26,304,922
Air Freight & Logistics – 1.0%		
United Parcel Service Inc	49,010	8,253,284
Airlines – 0.8%		
Ryanair Holdings PLC (ADR)*	57,869	6,364,433
Auto Components – 1.0%		
Aptiv PLC	61,339	7,991,858
Automobiles – 0.3%		
Maruti Suzuki India Ltd	27,481	2,883,750
Banks – 3.9%		
BNP Paribas SA*	90,207	4,757,288
Citigroup Inc	134,440	8,289,570
HDFC Bank Ltd*	229,255	4,516,164
JPMorgan Chase & Co	116,644	14,821,953
		32,384,975
Beverages – 3.4%		
Constellation Brands Inc	73,933	16,195,024
Pernod Ricard SA	66,041	12,657,660
		28,852,684
Biotechnology – 3.1%		
AbbVie Inc	74,211	7,951,709
Alexion Pharmaceuticals Inc*	19,894	3,108,239
Ascendis Pharma A/S (ADR)*	16,788	2,799,903
Global Blood Therapeutics Inc*	29,556	1,280,070
Neurocrine Biosciences Inc*	33,071	3,169,855
Sarepta Therapeutics Inc*	19,985	3,407,243
Vertex Pharmaceuticals Inc*	16,814	3,973,821
		25,690,840
Building Products – 1.2%		
Daikin Industries Ltd	45,800	10,201,911
Capital Markets – 2.5%		
Blackstone Group Inc	118,228	7,662,357
London Stock Exchange Group PLC	51,336	6,326,984
Morgan Stanley	106,161	7,275,213
		21,264,554
Chemicals – 1.8%		
Air Products & Chemicals Inc	28,550	7,800,431
Sherwin-Williams Co	10,423	7,659,967
		15,460,398
Consumer Finance – 1.6%		
Nexi SpA (144A)*	368,229	7,313,926
Synchrony Financial	164,461	5,708,441
		13,022,367
Electronic Equipment, Instruments & Components – 2.6%		
Hexagon AB	150,541	13,715,122
Keyence Corp	14,500	8,161,529
		21,876,651
Entertainment – 2.4%		
Liberty Media Corp-Liberty Formula One*	193,189	8,229,851
Netflix Inc*	22,511	12,172,373
		20,402,224
Equity Real Estate Investment Trusts (REITs) – 1.1%		
American Tower Corp	13,320	2,989,807
Crown Castle International Corp	19,644	3,127,128

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Schedule of Investments

December 31, 2020

	<i>Shares or Principal Amounts</i>	<i>Value</i>
Common Stocks– (continued)		
Equity Real Estate Investment Trusts (REITs)– (continued)		
Equinix Inc	4,273	\$3,051,691
		9,168,626
Health Care Equipment & Supplies – 2.3%		
Abbott Laboratories	54,071	5,920,234
Boston Scientific Corp*	181,044	6,508,532
Dentsply Sirona Inc	53,134	2,782,096
Edwards Lifesciences Corp*	41,659	3,800,551
		19,011,413
Health Care Providers & Services – 1.2%		
Centene Corp*	62,624	3,759,319
Humana Inc	14,310	5,870,964
		9,630,283
Hotels, Restaurants & Leisure – 2.9%		
GVC Holdings PLC*	634,052	9,840,660
McDonald's Corp	32,829	7,044,447
Sands China Ltd	1,672,800	7,353,224
		24,238,331
Household Durables – 0.7%		
Roku Inc*	17,900	5,943,158
Independent Power and Renewable Electricity Producers – 1.7%		
NRG Energy Inc	227,463	8,541,236
Vistra Energy Corp	297,676	5,852,310
		14,393,546
Industrial Conglomerates – 1.1%		
Honeywell International Inc	41,509	8,828,964
Information Technology Services – 4.2%		
Fidelity National Information Services Inc	54,016	7,641,103
Mastercard Inc	39,242	14,007,039
Visa Inc	62,128	13,589,257
		35,237,399
Insurance – 5.0%		
AIA Group Ltd	897,200	11,051,768
Aon PLC	33,803	7,141,560
Beazley PLC	755,020	3,743,235
Intact Financial Corp	39,773	4,710,133
Progressive Corp	78,969	7,808,455
Prudential PLC	378,060	6,977,281
		41,432,432
Interactive Media & Services – 5.3%		
Alphabet Inc - Class C*	12,678	22,210,335
Facebook Inc*	52,018	14,209,237
Tencent Holdings Ltd	103,000	7,526,167
		43,945,739
Internet & Direct Marketing Retail – 5.9%		
Amazon.com Inc*	8,835	28,774,977
Booking Holdings Inc*	4,098	9,127,352
DoorDash Inc - Class A*#	19,686	2,810,177
MercadoLibre Inc*	5,286	8,855,213
		49,567,719
Life Sciences Tools & Services – 0.7%		
Thermo Fisher Scientific Inc	13,312	6,200,463
Machinery – 1.2%		
Parker-Hannifin Corp	37,454	10,202,844
Metals & Mining – 1.6%		
Rio Tinto PLC	108,007	8,080,302
Teck Resources Ltd	299,034	5,427,583
		13,507,885

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Schedule of Investments

December 31, 2020

	<i>Shares or Principal Amounts</i>	<i>Value</i>
Common Stocks– (continued)		
Multi-Utilities – 1.0%		
RWE AG	206,492	\$8,720,223
Oil, Gas & Consumable Fuels – 3.1%		
Canadian Natural Resources Ltd	174,806	4,201,552
Cheniere Energy Inc*	57,758	3,467,213
ConocoPhillips	101,490	4,058,585
Enterprise Products Partners LP	126,307	2,474,354
Marathon Petroleum Corp	91,244	3,773,852
Suncor Energy Inc	202,907	3,403,838
Total SE	107,793	4,649,388
		26,028,782
Personal Products – 1.8%		
Unilever PLC	247,694	14,996,217
Pharmaceuticals – 5.5%		
AstraZeneca PLC	65,185	6,511,596
Bristol-Myers Squibb Co	77,189	4,788,034
Catalent Inc*	51,799	5,390,722
Elanco Animal Health Inc*	142,935	4,383,816
Merck & Co Inc	112,108	9,170,434
Novartis AG	87,725	8,288,505
Roche Holding AG	20,878	7,286,968
		45,820,075
Road & Rail – 1.3%		
Uber Technologies Inc*	211,712	10,797,312
Semiconductor & Semiconductor Equipment – 6.6%		
ASML Holding NV	40,156	19,403,379
Microchip Technology Inc	60,171	8,310,217
Taiwan Semiconductor Manufacturing Co Ltd	807,000	15,157,195
Texas Instruments Inc	75,794	12,440,069
		55,310,860
Software – 9.2%		
Adobe Inc*	35,869	17,938,804
Autodesk Inc*	30,821	9,410,884
Microsoft Corp	159,215	35,412,600
SS&C Technologies Holdings Inc	88,367	6,428,699
Workday Inc*	32,688	7,832,372
		77,023,359
Technology Hardware, Storage & Peripherals – 3.2%		
Apple Inc	203,379	26,986,360
Textiles, Apparel & Luxury Goods – 2.1%		
adidas AG*	24,123	8,780,378
NIKE Inc	63,449	8,976,130
		17,756,508
Trading Companies & Distributors – 1.7%		
Ferguson PLC	114,297	13,897,700
Wireless Telecommunication Services – 0.5%		
T-Mobile US Inc*	27,980	3,773,103
Total Common Stocks (cost \$521,713,082)		833,374,152
Investment Companies– 0.4%		
Money Markets – 0.4%		
Janus Henderson Cash Liquidity Fund LLC, 0.1108% ^{0.0} (cost \$3,707,498)	3,707,127	3,707,498
Investments Purchased with Cash Collateral from Securities Lending– 0.3%		
Investment Companies – 0.2%		
Janus Henderson Cash Collateral Fund LLC, 0.0264% ^{0.0}	1,691,642	1,691,642

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio
Schedule of Investments
December 31, 2020

	<i>Shares or Principal Amounts</i>	<i>Value</i>
Investments Purchased with Cash Collateral from Securities Lending– (continued)		
Time Deposits – 0.1%		
Canadian Imperial Bank of Commerce, 0.0800%, 1/4/21	\$422,910	\$422,910
Total Investments Purchased with Cash Collateral from Securities Lending (cost \$2,114,552)		2,114,552
Total Investments (total cost \$527,535,132) – 100.3%		839,196,202
Liabilities, net of Cash, Receivables and Other Assets – (0.3)%		(2,541,287)
Net Assets – 100%		\$836,654,915

Summary of Investments by Country - (Long Positions) (unaudited)

<i>Country</i>	<i>Value</i>	<i>% of Investment Securities</i>
United States	\$566,744,101	67.5 %
United Kingdom	41,480,058	4.9
Netherlands	34,399,596	4.1
France	32,575,570	3.9
Canada	25,020,498	3.0
Hong Kong	18,404,992	2.2
Japan	18,363,440	2.2
Germany	17,500,601	2.1
Switzerland	15,575,473	1.9
Taiwan	15,157,195	1.8
Sweden	13,715,122	1.6
Argentina	8,855,213	1.0
China	7,526,167	0.9
India	7,399,914	0.9
Italy	7,313,926	0.9
Ireland	6,364,433	0.8
Denmark	2,799,903	0.3
Total	\$839,196,202	100.0 %

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Schedule of Investments

December 31, 2020

Schedules of Affiliated Investments – (% of Net Assets)

	<i>Dividend Income</i>		<i>Realized Gain/(Loss)</i>		<i>Change in Unrealized Appreciation/ Depreciation</i>		<i>Value at 12/31/20</i>
Investment Companies - 0.4%							
Money Markets - 0.4%							
Janus Henderson Cash Liquidity Fund LLC, 0.1108%	\$ 9,896	\$	300	\$	-	\$	3,707,498
Investments Purchased with Cash Collateral from Securities Lending - 0.2%							
Investment Companies - 0.2%							
Janus Henderson Cash Collateral Fund LLC, 0.0264%	5,784 ^A		-		-		1,691,642
Total Affiliated Investments - 0.6%	\$ 15,680	\$	300	\$	-	\$	5,399,140

	<i>Value at 12/31/19</i>	<i>Purchases</i>	<i>Sales Proceeds</i>	<i>Value at 12/31/20</i>
Investment Companies - 0.4%				
Money Markets - 0.4%				
Janus Henderson Cash Liquidity Fund LLC, 0.1108%	-	65,345,289	(61,638,091)	3,707,498
Investments Purchased with Cash Collateral from Securities Lending - 0.2%				
Investment Companies - 0.2%				
Janus Henderson Cash Collateral Fund LLC, 0.0264%	-	10,603,701	(8,912,059)	1,691,642

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Notes to Schedule of Investments and Other Information

MSCI All Country World IndexSM MSCI All Country World IndexSM reflects the equity market performance of global developed and emerging markets.

MSCI World IndexSM MSCI World IndexSM reflects the equity market performance of global developed markets.

ADR American Depositary Receipt

LLC Limited Liability Company

LP Limited Partnership

PLC Public Limited Company

144A Securities sold under Rule 144A of the Securities Act of 1933, as amended, are subject to legal and/or contractual restrictions on resale and may not be publicly sold without registration under the 1933 Act. Unless otherwise noted, these securities have been determined to be liquid under guidelines established by the Board of Trustees. The total value of 144A securities as of the year ended December 31, 2020 is \$7,313,926, which represents 0.9% of net assets.

* Non-income producing security.

°° Rate shown is the 7-day yield as of December 31, 2020.

Loaned security; a portion of the security is on loan at December 31, 2020.

£ The Portfolio may invest in certain securities that are considered affiliated companies. As defined by the Investment Company Act of 1940, as amended, an affiliated company is one in which the Portfolio owns 5% or more of the outstanding voting securities, or a company which is under common ownership or control.

Δ Net of income paid to the securities lending agent and rebates paid to the borrowing counterparties.

Janus Henderson VIT Global Research Portfolio

Notes to Schedule of Investments and Other Information

The following is a summary of the inputs that were used to value the Portfolio's investments in securities and other financial instruments as of December 31, 2020. See Notes to Financial Statements for more information.

Valuation Inputs Summary

	<i>Level 1 - Quoted Prices</i>	<i>Level 2 - Other Significant Observable Inputs</i>	<i>Level 3 - Significant Unobservable Inputs</i>
Assets			
Investments In Securities:			
<i>Common Stocks</i>			
Aerospace & Defense	\$ 15,793,688	\$ 10,511,234	\$ -
Automobiles	-	2,883,750	-
Banks	23,111,523	9,273,452	-
Beverages	16,195,024	12,657,660	-
Building Products	-	10,201,911	-
Capital Markets	14,937,570	6,326,984	-
Consumer Finance	5,708,441	7,313,926	-
Electronic Equipment, Instruments & Components	-	21,876,651	-
Hotels, Restaurants & Leisure	7,044,447	17,193,884	-
Insurance	19,660,148	21,772,284	-
Interactive Media & Services	36,419,572	7,526,167	-
Metals & Mining	5,427,583	8,080,302	-
Multi-Utilities	-	8,720,223	-
Oil, Gas & Consumable Fuels	21,379,394	4,649,388	-
Pharmaceuticals	23,733,006	22,087,069	-
Semiconductor & Semiconductor Equipment	20,750,286	34,560,574	-
Textiles, Apparel & Luxury Goods	8,976,130	8,780,378	-
Trading Companies & Distributors	-	13,897,700	-
All Other	385,923,803	-	-
<i>Investment Companies</i>	-	3,707,498	-
<i>Investments Purchased with Cash Collateral from Securities</i>			
<i>Lending</i>	-	2,114,552	-
Total Assets	\$ 605,060,615	\$ 234,135,587	\$ -

Janus Henderson VIT Global Research Portfolio

Statement of Assets and Liabilities

December 31, 2020

Assets:	
Unaffiliated investments, at value ⁽¹⁾⁽²⁾	\$ 833,797,062
Affiliated investments, at value ⁽³⁾	5,399,140
Non-interested Trustees' deferred compensation	19,261
Receivables:	
Dividends	343,992
Foreign tax reclaims	218,980
Portfolio shares sold	170,607
Dividends from affiliates	478
Other assets	23,200
Total Assets	839,972,720
Liabilities:	
Due to custodian	4
Foreign cash due to custodian	19
Collateral for securities loaned (Note 2)	2,114,552
Payables:	
Advisory fees	548,148
Portfolio shares repurchased	362,701
Foreign tax liability	68,646
12b-1 Distribution and shareholder servicing fees	53,847
Transfer agent fees and expenses	42,094
Professional fees	41,875
Non-interested Trustees' deferred compensation fees	19,261
Custodian fees	4,012
Affiliated portfolio administration fees payable	1,908
Non-interested Trustees' fees and expenses	1,012
Accrued expenses and other payables	59,726
Total Liabilities	3,317,805
Net Assets	\$ 836,654,915
Net Assets Consist of:	
Capital (par value and paid-in surplus)	\$ 481,695,630
Total distributable earnings (loss) ⁽⁴⁾	354,959,285
Total Net Assets	\$ 836,654,915
Net Assets - Institutional Shares	\$ 600,867,664
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	9,444,118
Net Asset Value Per Share	\$ 63.62
Net Assets - Service Shares	\$ 235,787,251
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	3,803,031
Net Asset Value Per Share	\$ 62.00

(1) Includes cost of \$522,135,992.

(2) Includes \$2,069,912 of securities on loan. See Note 2 in Notes to Financial Statements.

(3) Includes cost of \$5,399,140.

(4) Includes \$68,646 of foreign capital gains tax on investments.

See Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio
Statement of Operations
For the year ended December 31, 2020

Investment Income:		
Dividends	\$	11,675,115
Dividends from affiliates		9,896
Affiliated securities lending income, net		5,784
Unaffiliated securities lending income, net		105
Other income		9,245
Foreign tax withheld		(474,968)
Total Investment Income		11,225,177
Expenses:		
Advisory fees		5,385,071
12b-1 Distribution and shareholder servicing fees:		
Service Shares		518,699
Transfer agent administrative fees and expenses:		
Institutional Shares		259,962
Service Shares		103,740
Other transfer agent fees and expenses:		
Institutional Shares		25,997
Service Shares		4,940
Professional fees		57,856
Shareholder reports expense		48,801
Custodian fees		30,625
Registration fees		24,211
Affiliated portfolio administration fees		18,185
Non-interested Trustees' fees and expenses		13,650
Other expenses		79,911
Total Expenses		6,571,648
Net Investment Income/(Loss)		4,653,529
Net Realized Gain/(Loss) on Investments:		
Investments and foreign currency transactions		40,035,936
Investments in affiliates		300
Total Net Realized Gain/(Loss) on Investments		40,036,236
Change in Unrealized Net Appreciation/Depreciation:		
Investments, foreign currency translations and non-interested Trustees' deferred compensation ⁽¹⁾		94,175,782
Total Change in Unrealized Net Appreciation/Depreciation		94,175,782
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$	138,865,547

(1) Includes change in unrealized appreciation/depreciation of \$(68,069) due to foreign capital gains tax on investments.

See Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Statements of Changes in Net Assets

	<i>Year ended</i> <i>December 31, 2020</i>	<i>Year ended</i> <i>December 31, 2019</i>
Operations:		
Net investment income/(loss)	\$ 4,653,529	\$ 7,549,236
Net realized gain/(loss) on investments	40,036,236	39,064,185
Change in unrealized net appreciation/depreciation	94,175,782	132,017,612
Net Increase/(Decrease) in Net Assets Resulting from Operations	138,865,547	178,631,033
Dividends and Distributions to Shareholders:		
Institutional Shares	(31,186,676)	(35,853,466)
Service Shares	(12,545,127)	(13,833,812)
Net Decrease from Dividends and Distributions to Shareholders	(43,731,803)	(49,687,278)
Capital Share Transactions:		
Institutional Shares	(7,319,597)	(16,577,616)
Service Shares	(5,498,429)	(1,596,518)
Net Increase/(Decrease) from Capital Share Transactions	(12,818,026)	(18,174,134)
Net Increase/(Decrease) in Net Assets	82,315,718	110,769,621
Net Assets:		
Beginning of period	754,339,197	643,569,576
End of period	\$ 836,654,915	\$ 754,339,197

See Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Financial Highlights

Institutional Shares

For a share outstanding during the year ended December 31	2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$56.59	\$47.13	\$51.20	\$40.63	\$40.24
Income/(Loss) from Investment Operations:					
Net investment income/(loss) ⁽¹⁾	0.39	0.60	0.62	0.51	0.45
Net realized and unrealized gain/(loss)	10.04	12.67	(4.09)	10.45	0.37
Total from Investment Operations	10.43	13.27	(3.47)	10.96	0.82
Less Dividends and Distributions:					
Dividends (from net investment income)	(0.41)	(0.54)	(0.60)	(0.39)	(0.43)
Distributions (from capital gains)	(2.99)	(3.27)	—	—	—
Total Dividends and Distributions	(3.40)	(3.81)	(0.60)	(0.39)	(0.43)
Net Asset Value, End of Period	\$63.62	\$56.59	\$47.13	\$51.20	\$40.63
Total Return*	20.06%	29.04%	(6.87)%	27.03%	2.07%
Net Assets, End of Period (in thousands)	\$600,868	\$539,915	\$463,402	\$540,594	\$469,321
Average Net Assets for the Period (in thousands)	\$516,468	\$511,859	\$533,418	\$512,287	\$478,402
Ratios to Average Net Assets**:					
Ratio of Gross Expenses	0.84%	0.79%	0.60%	0.64%	0.65%
Ratio of Net Expenses (After Waivers and Expense Offsets)	0.84%	0.79%	0.60%	0.64%	0.65%
Ratio of Net Investment Income/(Loss)	0.72%	1.13%	1.19%	1.05%	1.15%
Portfolio Turnover Rate	33%	36%	36%	41%	45%

Service Shares

For a share outstanding during the year ended December 31	2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$55.27	\$46.15	\$50.17	\$39.87	\$39.53
Income/(Loss) from Investment Operations:					
Net investment income/(loss) ⁽¹⁾	0.25	0.45	0.48	0.38	0.35
Net realized and unrealized gain/(loss)	9.77	12.39	(4.00)	10.24	0.36
Total from Investment Operations	10.02	12.84	(3.52)	10.62	0.71
Less Dividends and Distributions:					
Dividends (from net investment income)	(0.30)	(0.45)	(0.50)	(0.32)	(0.37)
Distributions (from capital gains)	(2.99)	(3.27)	—	—	—
Total Dividends and Distributions	(3.29)	(3.72)	(0.50)	(0.32)	(0.37)
Net Asset Value, End of Period	\$62.00	\$55.27	\$46.15	\$50.17	\$39.87
Total Return*	19.76%	28.71%	(7.08)%	26.68%	1.82%
Net Assets, End of Period (in thousands)	\$235,787	\$214,425	\$180,168	\$210,318	\$179,125
Average Net Assets for the Period (in thousands)	\$206,127	\$198,883	\$206,497	\$197,483	\$186,563
Ratios to Average Net Assets**:					
Ratio of Gross Expenses	1.09%	1.04%	0.85%	0.89%	0.90%
Ratio of Net Expenses (After Waivers and Expense Offsets)	1.09%	1.04%	0.85%	0.89%	0.90%
Ratio of Net Investment Income/(Loss)	0.47%	0.88%	0.94%	0.81%	0.91%
Portfolio Turnover Rate	33%	36%	36%	41%	45%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

See Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

1. Organization and Significant Accounting Policies

Janus Henderson VIT Global Research Portfolio (the "Portfolio") is a series of Janus Aspen Series (the "Trust"), which is organized as a Delaware statutory trust and is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company, and therefore has applied the specialized accounting and reporting guidance in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 946. The Trust offers 11 portfolios, each of which offers multiple share classes, with differing investment objectives and policies. The Portfolio seeks long-term growth of capital. The Portfolio is classified as diversified, as defined in the 1940 Act.

The Portfolio currently offers two classes of shares: Institutional Shares and Service Shares. Each class represents an interest in the same portfolio of investments. Institutional Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans that require a fee from Portfolio assets to procure distribution and administrative services to contract owners and plan participants.

Shareholders, including other portfolios, participating insurance companies, as well as accounts, may from time to time own (beneficially or of record) a significant percentage of the Portfolio's Shares and can be considered to "control" the Portfolio when that ownership exceeds 25% of the Portfolio's assets (and which may differ from control as determined in accordance with United States of America generally accepted accounting principles ("US GAAP")).

The following accounting policies have been followed by the Portfolio and are in conformity with US GAAP.

Investment Valuation

Securities held by the Portfolio are valued in accordance with policies and procedures established by and under the supervision of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at the closing prices on the primary market or exchange on which they trade. If such price is lacking for the trading period immediately preceding the time of determination, such securities are valued at their current bid price. Equity securities that are traded on a foreign exchange are generally valued at the closing prices on such markets. In the event that there is no current trading volume on a particular security in such foreign exchange, the bid price from the primary exchange is generally used to value the security. Securities that are traded on the over-the-counter ("OTC") markets are generally valued at their closing or latest bid prices as available. Foreign securities and currencies are converted to U.S. dollars using the applicable exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Portfolio will determine the market value of individual securities held by it by using prices provided by one or more approved professional pricing services or, as needed, by obtaining market quotations from independent broker-dealers. Most debt securities are valued in accordance with the evaluated bid price supplied by the pricing service that is intended to reflect market value. The evaluated bid price supplied by the pricing service is an evaluation that may consider factors such as security prices, yields, maturities and ratings. Certain short-term securities maturing within 60 days or less may be evaluated and valued on an amortized cost basis provided that the amortized cost determined approximates market value. Securities for which market quotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith under the Valuation Procedures. Circumstances in which fair value pricing may be utilized include, but are not limited to: (i) a significant event that may affect the securities of a single issuer, such as a merger, bankruptcy, or significant issuer-specific development; (ii) an event that may affect an entire market, such as a natural disaster or significant governmental action; (iii) a nonsignificant event such as a market closing early or not opening, or a security trading halt; and (iv) pricing of a nonvalued security and a restricted or nonpublic security. Special valuation considerations may apply with respect to "odd-lot" fixed-income transactions which, due to their small size, may receive evaluated prices by pricing services which reflect a large block trade and not what actually could be obtained for the odd-lot position. The Portfolio uses systematic fair valuation models provided by independent third parties to value international equity securities in order to adjust for stale pricing, which may occur between the close of certain foreign exchanges and the close of the NYSE.

Valuation Inputs Summary

FASB ASC 820, Fair Value Measurements and Disclosures ("ASC 820"), defines fair value, establishes a framework for measuring fair value, and expands disclosure requirements regarding fair value measurements. This standard emphasizes that fair value is a market-based measurement that should be determined based on the assumptions that

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

market participants would use in pricing an asset or liability and establishes a hierarchy that prioritizes inputs to valuation techniques used to measure fair value. These inputs are summarized into three broad levels:

Level 1 – Unadjusted quoted prices in active markets the Portfolio has the ability to access for identical assets or liabilities.

Level 2 – Observable inputs other than unadjusted quoted prices included in Level 1 that are observable for the asset or liability either directly or indirectly. These inputs may include quoted prices for the identical instrument on an inactive market, prices for similar instruments, interest rates, prepayment speeds, credit risk, yield curves, default rates and similar data.

Assets or liabilities categorized as Level 2 in the hierarchy generally include: debt securities fair valued in accordance with the evaluated bid or ask prices supplied by a pricing service; securities traded on OTC markets and listed securities for which no sales are reported that are fair valued at the latest bid price (or yield equivalent thereof) obtained from one or more dealers transacting in a market for such securities or by a pricing service approved by the Portfolio's Trustees; certain short-term debt securities with maturities of 60 days or less that are fair valued at amortized cost; and equity securities of foreign issuers whose fair value is determined by using systematic fair valuation models provided by independent third parties in order to adjust for stale pricing which may occur between the close of certain foreign exchanges and the close of the NYSE. Other securities that may be categorized as Level 2 in the hierarchy include, but are not limited to, preferred stocks, bank loans, swaps, investments in unregistered investment companies, options, and forward contracts.

Level 3 – Unobservable inputs for the asset or liability to the extent that relevant observable inputs are not available, representing the Portfolio's own assumptions about the assumptions that a market participant would use in valuing the asset or liability, and that would be based on the best information available.

There have been no significant changes in valuation techniques used in valuing any such positions held by the Portfolio since the beginning of the fiscal year.

The inputs or methodology used for fair valuing securities are not necessarily an indication of the risk associated with investing in those securities. The summary of inputs used as of December 31, 2020 to fair value the Portfolio's investments in securities and other financial instruments is included in the "Valuation Inputs Summary" in the Notes to Schedule of Investments and Other Information.

Investment Transactions and Investment Income

Investment transactions are accounted for as of the date purchased or sold (trade date). Dividend income is recorded on the ex-dividend date. Certain dividends from foreign securities will be recorded as soon as the Portfolio is informed of the dividend, if such information is obtained subsequent to the ex-dividend date. Dividends from foreign securities may be subject to withholding taxes in foreign jurisdictions. Interest income is recorded daily on the accrual basis and includes amortization of premiums and accretion of discounts. The Portfolio classifies gains and losses on prepayments received as an adjustment to interest income. Debt securities may be placed in non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivables when collection of all or a portion of interest has become doubtful. Gains and losses are determined on the identified cost basis, which is the same basis used for federal income tax purposes. Income, as well as gains and losses, both realized and unrealized, are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets.

Expenses

The Portfolio bears expenses incurred specifically on its behalf. Each class of shares bears a portion of general expenses, which are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets. Expenses directly attributable to a specific class of shares are charged against the operations of such class.

Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

Indemnifications

In the normal course of business, the Portfolio may enter into contracts that contain provisions for indemnification of other parties against certain potential liabilities. The Portfolio's maximum exposure under these arrangements is unknown, and would involve future claims that may be made against the Portfolio that have not yet occurred. Currently, the risk of material loss from such claims is considered remote.

Foreign Currency Translations

The Portfolio does not isolate that portion of the results of operations resulting from the effect of changes in foreign exchange rates on investments from the fluctuations arising from changes in market prices of securities held at the date of the financial statements. Net unrealized appreciation or depreciation of investments and foreign currency translations arise from changes in the value of assets and liabilities, including investments in securities held at the date of the financial statements, resulting from changes in the exchange rates and changes in market prices of securities held.

Currency gains and losses are also calculated on payables and receivables that are denominated in foreign currencies. The payables and receivables are generally related to foreign security transactions and income translations.

Foreign currency-denominated assets and forward currency contracts may involve more risks than domestic transactions, including currency risk, counterparty risk, political and economic risk, regulatory risk and equity risk. Risks may arise from unanticipated movements in the value of foreign currencies relative to the U.S. dollar.

Dividends and Distributions

The Portfolio may make semiannual distributions of substantially all of its investment income and an annual distribution of its net realized capital gains (if any).

The Portfolio may make certain investments in real estate investment trusts ("REITs") which pay dividends to their shareholders based upon funds available from operations. It is quite common for these dividends to exceed the REITs' taxable earnings and profits, resulting in the excess portion of such dividends being designated as a return of capital. If the Portfolio distributes such amounts, such distributions could constitute a return of capital to shareholders for federal income tax purposes.

Federal Income Taxes

The Portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income in accordance with the requirements of Subchapter M of the Internal Revenue Code. Management has analyzed the Portfolio's tax positions taken for all open federal income tax years, generally a three-year period, and has concluded that no provision for federal income tax is required in the Portfolio's financial statements. The Portfolio is not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

2. Other Investments and Strategies

Additional Investment Risk

In the aftermath of the 2007-2008 financial crisis, the financial sector experienced reduced liquidity in credit and other fixed-income markets, and an unusually high degree of volatility, both domestically and internationally. In response to the crisis, the United States and certain foreign governments, along with the U.S. Federal Reserve and certain foreign central banks, took a number of unprecedented steps designed to support the financial markets. For example, the enactment of the Dodd-Frank Act in 2010 provided for widespread regulation of financial institutions, consumer financial products and services, broker-dealers, over-the-counter derivatives, investment advisers, credit rating agencies, and mortgage lending, which expanded federal oversight in the financial sector, including the investment management industry. More recently, in response to the COVID-19 pandemic, the U.S. government and the Federal Reserve, as well as certain foreign governments and central banks, have taken extraordinary actions to support local and global economies and the financial markets, including reducing interest rates to record-low levels. Extremely low or negative interest rates may become more prevalent or may not work as intended. As there is little precedent for this situation, the impact on various markets that interest rate or other significant policy changes may have is unknown. The withdrawal of this support, a failure of measures put in place in response to such economic uncertainty, or investor perception that such efforts were not sufficient could each negatively affect financial markets generally, and the value and liquidity of specific securities. In addition, policy and legislative changes in the United States and in other countries continue to impact many aspects of financial regulation.

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

Widespread disease, including pandemics and epidemics, and natural or environmental disasters, such as earthquakes, fires, floods, hurricanes, tsunamis and weather-related phenomena generally, have been and can be highly disruptive to economies and markets, adversely impacting individual companies, sectors, industries, markets, currencies, interest and inflation rates, credit ratings, investor sentiment, and other factors affecting the value of a Fund's investments.

Economies and financial markets throughout the world have become increasingly interconnected, which increases the likelihood that events or conditions in one region or country will adversely affect markets or issuers in other regions or countries, including the United States. These disruptions could prevent a Fund from executing advantageous investment decisions in a timely manner and negatively impact a Fund's ability to achieve its investment objective(s). Any such event(s) could have a significant adverse impact on the value of a Fund. In addition, these disruptions could also impair the information technology and other operational systems upon which the Fund's service providers, including Janus Capital Management LLC ("Janus Capital") or the subadviser (as applicable), rely, and could otherwise disrupt the ability of employees of the Fund's service providers to perform essential tasks on behalf of the Fund. Adverse weather conditions may also have a particularly significant negative effect on issuers in the agricultural sector and on insurance and reinsurance companies that insure or reinsure against the impact of natural disasters.

A number of countries in the European Union (the "EU") have experienced, and may continue to experience, severe economic and financial difficulties. In particular, many EU nations are susceptible to economic risks associated with high levels of debt. Many non-governmental issuers, and even certain governments, have defaulted on, or been forced to restructure, their debts. Many other issuers have faced difficulties obtaining credit or refinancing existing obligations. Financial institutions have in many cases required government or central bank support, have needed to raise capital, and/or have been impaired in their ability to extend credit. As a result, financial markets in the EU have experienced extreme volatility and declines in asset values and liquidity. These difficulties may continue, worsen, or spread further within the EU. Responses to these financial problems by European governments, central banks, and others, including austerity measures and reforms, may not work, may result in social unrest, and may limit future growth and economic recovery or have other unintended consequences. The risk of investing in securities in the European markets may also be heightened due to the referendum in which the United Kingdom voted to exit the EU, commonly known as "Brexit," which immediately led to significant market volatility around the world, as well as political, economic and legal uncertainty. The United Kingdom formally left the EU on January 31, 2020 and entered into an eleven-month transition period, which expired on December 31, 2020. The negative impact on not only the United Kingdom and European economies could be significant, potentially resulting in increased volatility and illiquidity and lower economic growth for companies that rely significantly on the United Kingdom and/or Europe for their business activities and revenues. Any further exits from the EU, or an increase in the belief that such exits are likely or possible, would likely cause additional market disruption globally and introduce new legal and regulatory uncertainties.

Counterparties

Portfolio transactions involving a counterparty are subject to the risk that the counterparty or a third party will not fulfill its obligation to the Portfolio ("counterparty risk"). Counterparty risk may arise because of the counterparty's financial condition (i.e., financial difficulties, bankruptcy, or insolvency), market activities and developments, or other reasons, whether foreseen or not. A counterparty's inability to fulfill its obligation may result in significant financial loss to the Portfolio. The Portfolio may be unable to recover its investment from the counterparty or may obtain a limited recovery, and/or recovery may be delayed. The extent of the Portfolio's exposure to counterparty risk with respect to financial assets and liabilities approximates its carrying value.

The Portfolio may be exposed to counterparty risk through participation in various programs, including, but not limited to, lending its securities to third parties, cash sweep arrangements whereby the Portfolio's cash balance is invested in one or more types of cash management vehicles, as well as investments in, but not limited to, repurchase agreements, debt securities, and derivatives, including various types of swaps, futures and options. The Portfolio intends to enter into financial transactions with counterparties that Janus Capital Management LLC ("Janus Capital") believes to be creditworthy at the time of the transaction. There is always the risk that Janus Capital's analysis of a counterparty's creditworthiness is incorrect or may change due to market conditions. To the extent that the Portfolio focuses its transactions with a limited number of counterparties, it will have greater exposure to the risks associated with one or more counterparties.

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

Offsetting Assets and Liabilities

The Portfolio presents gross and net information about transactions that are either offset in the financial statements or subject to an enforceable master netting arrangement or similar agreement with a designated counterparty, regardless of whether the transactions are actually offset in the Statement of Assets and Liabilities.

The following table presents gross amounts of recognized assets and/or liabilities and the net amounts after deducting collateral that has been pledged by counterparties or has been pledged to counterparties (if applicable). For corresponding information grouped by type of instrument, see the Portfolio's Schedule of Investments.

Offsetting of Financial Assets and Derivative Assets

<i>Counterparty</i>	<i>Gross Amounts of Recognized Assets</i>	<i>Offsetting Asset or Liability^(a)</i>	<i>Collateral Pledged^(b)</i>	<i>Net Amount</i>
JPMorgan Chase Bank, National Association	\$ 2,069,912	—	\$ (2,069,912)	—

(a) Represents the amount of assets or liabilities that could be offset with the same counterparty under master netting or similar agreements that management elects not to offset on the Statement of Assets and Liabilities.

(b) Collateral pledged is limited to the net outstanding amount due to/from an individual counterparty. The actual collateral amounts pledged may exceed these amounts and may fluctuate in value.

JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. For financial reporting purposes, the Portfolio does not offset financial instruments' payables and receivables and related collateral on the Statement of Assets and Liabilities. Securities on loan will be continuously secured by collateral which may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit, time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the Securities and Exchange Commission (the "SEC"). See "Securities Lending" in the "Notes to Financial Statements" for additional information.

Real Estate Investing

The Portfolio may invest in equity and debt securities of real estate-related companies. Such companies may include those in the real estate industry or real estate-related industries. These securities may include common stocks, corporate bonds, preferred stocks, and other equity securities, including, but not limited to, mortgage-backed securities, real estate-backed securities, securities of REITs and similar REIT-like entities. A REIT is a trust that invests in real estate-related projects, such as properties, mortgage loans, and construction loans. REITs are generally categorized as equity, mortgage, or hybrid REITs. A REIT may be listed on an exchange or traded OTC.

Securities Lending

Under procedures adopted by the Trustees, the Portfolio may seek to earn additional income by lending securities to certain qualified broker-dealers and institutions. JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. The Portfolio may lend portfolio securities in an amount equal to up to 1/3 of its total assets as determined at the time of the loan origination. There is the risk of delay in recovering a loaned security or the risk of loss in collateral rights if the borrower fails financially. In addition, Janus Capital makes efforts to balance the benefits and risks from granting such loans. All loans will be continuously secured by collateral which may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit, time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the SEC. If the Portfolio is unable to recover a security on loan, the Portfolio may use the collateral to purchase replacement securities in the market. There is a risk that the value of the collateral could decrease below the cost of the replacement security by the time the replacement investment is made, resulting in a loss to the Portfolio. In certain circumstances individual loan transactions could yield negative returns.

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

Upon receipt of cash collateral, Janus Capital may invest it in affiliated or non-affiliated cash management vehicles, whether registered or unregistered entities, as permitted by the 1940 Act and rules promulgated thereunder. Janus Capital currently intends to primarily invest the cash collateral in a cash management vehicle for which Janus Capital serves as investment adviser, Janus Henderson Cash Collateral Fund LLC, or in time deposits. An investment in Janus Henderson Cash Collateral Fund LLC is generally subject to the same risks that shareholders experience when investing in similarly structured vehicles, such as the potential for significant fluctuations in assets as a result of the purchase and redemption activity of the securities lending program, a decline in the value of the collateral, and possible liquidity issues. Such risks may delay the return of the cash collateral and cause the Portfolio to violate its agreement to return the cash collateral to a borrower in a timely manner. As adviser to the Portfolio and Janus Henderson Cash Collateral Fund LLC, Janus Capital has an inherent conflict of interest as a result of its fiduciary duties to both the Portfolio and Janus Henderson Cash Collateral Fund LLC. Additionally, Janus Capital receives an investment advisory fee of 0.05% for managing Janus Henderson Cash Collateral Fund LLC, but it may not receive a fee for managing certain other affiliated cash management vehicles in which the Portfolio may invest, and therefore may have an incentive to allocate preferred investment opportunities to investment vehicles for which it is receiving a fee.

The value of the collateral must be at least 102% of the market value of the loaned securities that are denominated in U.S. dollars and 105% of the market value of the loaned securities that are not denominated in U.S. dollars. Loaned securities and related collateral are marked-to-market each business day based upon the market value of the loaned securities at the close of business, employing the most recent available pricing information. Collateral levels are then adjusted based on this mark-to-market evaluation.

The cash collateral invested by Janus Capital is disclosed in the Schedule of Investments (if applicable).

Income earned from the investment of the cash collateral, net of rebates paid to, or fees paid by, borrowers and less the fees paid to the lending agent are included as "Affiliated securities lending income, net" on the Statement of Operations. As of December 31, 2020, securities lending transactions accounted for as secured borrowings with an overnight and continuous contractual maturity are \$2,069,912. Gross amounts of recognized liabilities for securities lending (collateral received) as of December 31, 2020 is \$2,114,552, resulting in the net amount due to the counterparty of \$44,640.

3. Investment Advisory Agreements and Other Transactions with Affiliates

The Portfolio pays Janus Capital an investment advisory fee which is calculated daily and paid monthly. The Portfolio's "base" fee rate prior to any performance adjustment (expressed as an annual rate) is 0.60%.

The investment advisory fee rate is determined by calculating a base fee and applying a performance adjustment. The base fee rate is the same as the contractual investment advisory fee rate. The performance adjustment either increases or decreases the base fee depending on how well the Portfolio has performed relative to its benchmark index. The Portfolio's benchmark index used in the calculation is the MSCI World IndexSM.

The calculation of the performance adjustment applies as follows:

Investment Advisory Fee = Base Fee Rate +/- Performance Adjustment

The investment advisory fee rate paid to Janus Capital by the Portfolio consists of two components: (1) a base fee calculated by applying the contractual fixed rate of the advisory fee to the Portfolio's average daily net assets during the previous month ("Base Fee Rate"), plus or minus (2) a performance-fee adjustment ("Performance Adjustment") calculated by applying a variable rate of up to 0.15% (positive or negative) to the Portfolio's average daily net assets based on the Portfolio's relative performance compared to the cumulative investment record of its benchmark index over a 36-month performance measurement period or shorter time period, as applicable. The investment performance of a Portfolio's Service Shares, for the performance measurement period is used to calculate the Performance Adjustment. No Performance Adjustment is applied unless the difference between the Portfolio's investment performance and the cumulative investment record of the Portfolio's benchmark index is 0.50% or greater (positive or negative) during the applicable performance measurement period.

The Portfolio's prospectuses and statement(s) of additional information contain additional information about performance-based fees. The amount shown as advisory fees on the Statement of Operations reflects the Base Fee Rate plus/minus any Performance Adjustment. For the year ended December 31, 2020, the performance adjusted investment advisory fee rate before any waivers and/or reimbursements of expenses is 0.74%.

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

Janus Services LLC (“Janus Services”), a wholly-owned subsidiary of Janus Capital, is the Portfolio’s transfer agent. Janus Services receives an administrative services fee at an annual rate of 0.05% of the average daily net assets of the Portfolio for arranging for the provision by participating insurance companies and qualified plan service providers of administrative services, including recordkeeping, subaccounting, order processing, or other shareholder services provided on behalf of contract holders or plan participants investing in the Portfolio. Other shareholder services may include the provision of order confirmations, periodic account statements, forwarding prospectuses, shareholder reports, and other materials to existing investors, and answering inquiries regarding accounts. Janus Services expects to use this entire fee to compensate insurance companies and qualified plan service providers for providing these services to their customers who invest in the Portfolio. Any unused portion will be reimbursed to the applicable share class at least annually.

In addition, Janus Services provides or arranges for the provision of certain other internal administrative, recordkeeping, and shareholder relations services for the Portfolio. Janus Services is not compensated for these internal services related to the shares, except for out-of-pocket costs. These amounts are disclosed as “Other transfer agent fees and expenses” on the Statement of Operations.

Under a distribution and shareholder servicing plan (the “Plan”) adopted in accordance with Rule 12b-1 under the 1940 Act, the Service Shares may pay the Trust’s distributor, Janus Distributors LLC (“Janus Distributors”), a wholly-owned subsidiary of Janus Capital, a fee for the sale and distribution and/or shareholder servicing of the Service Shares at an annual rate of up to 0.25% of the average daily net assets of the Service Shares. Under the terms of the Plan, the Trust is authorized to make payments to Janus Distributors for remittance to insurance companies and qualified plan service providers as compensation for distribution and/or shareholder services performed by such entities. These amounts are disclosed as “12b-1 Distribution and shareholder servicing fees” on the Statement of Operations. Payments under the Plan are not tied exclusively to actual 12b-1 distribution and servicing fees, and the payments may exceed 12b-1 distribution and servicing fees actually incurred. If any of the Portfolio’s actual 12b-1 distribution and servicing fees incurred during a calendar year are less than the payments made during a calendar year, the Portfolio will be refunded the difference. Refunds, if any, are included in “12b-1 Distribution and shareholder servicing fees” in the Statement of Operations.

Janus Capital serves as administrator to the Portfolio pursuant to an administration agreement between Janus Capital and the Trust. Under the administration agreement, Janus Capital is obligated to provide or arrange for the provision of certain administration, compliance, and accounting services to the Portfolio, including providing office space for the Portfolio, and is reimbursed by the Portfolio for certain of its costs in providing these services (to the extent Janus Capital seeks reimbursement and such costs are not otherwise waived). In addition, employees of Janus Capital and/or its affiliates may serve as officers of the Trust. The Portfolio pays for some or all of the salaries, fees, and expenses of Janus Capital employees and Portfolio officers, with respect to certain specified administration functions they perform on behalf of the Portfolio. The Portfolio pays these costs based on out-of-pocket expenses incurred by Janus Capital, and these costs are separate and apart from advisory fees and other expenses paid in connection with the investment advisory services Janus Capital (or any subadvisor, as applicable) provides to the Portfolio. These amounts are disclosed as “Affiliated portfolio administration fees” on the Statement of Operations. In addition, some expenses related to compensation payable to the Portfolio’s Chief Compliance Officer and certain compliance staff, all of whom are employees of Janus Capital and/or its affiliates, are shared with the Portfolio. Total compensation of \$34,973 was paid to the Chief Compliance Officer and certain compliance staff by the Trust during the year ended December 31, 2020. The Portfolio’s portion is reported as part of “Other expenses” on the Statement of Operations.

The Board of Trustees has adopted a deferred compensation plan (the “Deferred Plan”) for independent Trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from the Portfolio. All deferred fees are credited to an account established in the name of the Trustees. The amounts credited to the account then increase or decrease, as the case may be, in accordance with the performance of one or more of the Janus Henderson funds that are selected by the Trustees. The account balance continues to fluctuate in accordance with the performance of the selected fund or funds until final payment of all amounts are credited to the account. The fluctuation of the account balance is recorded by the Portfolio as unrealized appreciation/(depreciation) and is included as of December 31, 2020 on the Statement of Assets and Liabilities in the asset, “Non-interested Trustees’ deferred compensation,” and liability, “Non-interested Trustees’ deferred compensation fees.” Additionally, the recorded unrealized appreciation/(depreciation) is included in “Total distributable earnings (loss)” on the Statement of Assets and Liabilities. Deferred compensation expenses for the year ended December 31, 2020 are included in “Non-interested

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

Trustees' fees and expenses" on the Statement of Operations. Trustees are allowed to change their designation of mutual funds from time to time. Amounts will be deferred until distributed in accordance with the Deferred Plan. Deferred fees of \$471,450 were paid by the Trust to the Trustees under the Deferred Plan during the year ended December 31, 2020.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or non-affiliated cash sweep program. In the cash sweep program, uninvested cash balances of the Portfolio may be used to purchase shares of affiliated or non-affiliated money market funds or cash management pooled investment vehicles that operate as money market funds. The Portfolio is eligible to participate in the cash sweep program (the "Investing Funds"). As adviser, Janus Capital has an inherent conflict of interest because of its fiduciary duties to the affiliated money market funds or cash management pooled investment vehicles and the Investing Funds. Janus Henderson Cash Liquidity Fund LLC (the "Sweep Vehicle") is an affiliated unregistered cash management pooled investment vehicle that invests primarily in highly-rated short-term fixed-income securities. The Sweep Vehicle operates pursuant to the provisions of the 1940 Act that govern the operation of money market funds and prices its shares at NAV reflecting market-based values of its portfolio securities (i.e., a "floating" NAV) rounded to the fourth decimal place (e.g., \$1.0000). The Sweep Vehicle is permitted to impose a liquidity fee (of up to 2%) on redemptions from the Sweep Vehicle or a redemption gate that temporarily suspends redemptions from the Sweep Vehicle for up to 10 business days during a 90 day period. There are no restrictions on the Portfolio's ability to withdraw investments from the Sweep Vehicle at will, and there are no unfunded capital commitments due from the Portfolio to the Sweep Vehicle. The Sweep Vehicle does not charge any management fee, sales charge or service fee.

Any purchases and sales, realized gains/losses and recorded dividends from affiliated investments during the year ended December 31, 2020 can be found in the "Schedules of Affiliated Investments" located in the Schedule of Investments.

The Portfolio is permitted to purchase or sell securities ("cross-trade") between itself and other funds or accounts managed by Janus Capital in accordance with Rule 17a-7 under the Investment Company Act of 1940 ("Rule 17a-7"), when the transaction is consistent with the investment objectives and policies of the Portfolio and in accordance with the Internal Cross Trade Procedures adopted by the Trust's Board of Trustees. These procedures have been designed to ensure that any cross-trade of securities by the Portfolio from or to another fund or account that is or could be considered an affiliate of the Portfolio under certain limited circumstances by virtue of having a common investment adviser, common Officer, or common Trustee complies with Rule 17a-7. Under these procedures, each cross-trade is effected at the current market price to save costs where allowed. During the year ended December 31, 2020, the Portfolio engaged in cross trades amounting to \$1,321,672 in purchases.

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

4. Federal Income Tax

The tax components of capital shown in the table below represent: (1) distribution requirements the Portfolio must satisfy under the income tax regulations; (2) losses or deductions the Portfolio may be able to offset against income and gains realized in future years; and (3) unrealized appreciation or depreciation of investments for federal income tax purposes (reduced by foreign tax liability).

Other book to tax differences primarily consist of deferred compensation and foreign currency contract adjustments. The Portfolio has elected to treat gains and losses on forward foreign currency contracts as capital gains and losses, if applicable. Other foreign currency gains and losses on debt instruments are treated as ordinary income for federal income tax purposes pursuant to Section 988 of the Internal Revenue Code.

<i>Undistributed Ordinary Income</i>	<i>Undistributed Long-Term Gains</i>	<i>Accumulated Capital Losses</i>	<i>Loss Deferrals</i>		<i>Other Book to Tax Differences</i>	<i>Net Tax Appreciation/ (Depreciation)</i>
			<i>Late-Year Ordinary Loss</i>	<i>Post-October Capital Loss</i>		
\$ 777,914	\$ 41,156,426	\$ -	\$ -	\$ -	\$ (3,086)	\$313,028,031

The aggregate cost of investments and the composition of unrealized appreciation and depreciation of investment securities for federal income tax purposes as of December 31, 2020 are noted below. The primary differences between book and tax appreciation or depreciation of investments are wash sale loss deferrals and investments in partnerships.

<i>Federal Tax Cost</i>	<i>Unrealized Appreciation</i>	<i>Unrealized (Depreciation)</i>	<i>Net Tax Appreciation/ (Depreciation)</i>
\$ 526,099,525	\$321,360,267	\$ (8,263,590)	\$ 313,096,677

Income and capital gains distributions are determined in accordance with income tax regulations that may differ from US GAAP. These differences are due to differing treatments for items such as net short-term gains, deferral of wash sale losses, foreign currency transactions, and capital loss carryovers. Certain permanent differences such as tax returns of capital and net investment losses noted below have been reclassified to capital.

For the year ended December 31, 2020

<i>Distributions</i>			
<i>From Ordinary Income</i>	<i>From Long-Term Capital Gains</i>	<i>Tax Return of Capital</i>	<i>Net Investment Loss</i>
\$ 5,557,134	\$ 38,174,669	\$ -	\$ -

For the year ended December 31, 2019

<i>Distributions</i>			
<i>From Ordinary Income</i>	<i>From Long-Term Capital Gains</i>	<i>Tax Return of Capital</i>	<i>Net Investment Loss</i>
\$ 6,805,744	\$ 42,881,534	\$ -	\$ -

Permanent book to tax basis differences may result in reclassifications between the components of net assets. These differences have no impact on the results of operations or net assets. The following reclassifications have been made to the Portfolio:

<i>Increase/(Decrease) to Capital</i>	<i>Increase/(Decrease) to Undistributed Net Investment Income/Loss</i>	<i>Increase/(Decrease) to Undistributed Net Realized Gain/Loss</i>
\$ 2	\$ (599,906)	\$ 599,904

Janus Henderson VIT Global Research Portfolio

Notes to Financial Statements

5. Capital Share Transactions

	Year ended December 31, 2020		Year ended December 31, 2019	
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	332,367	\$18,355,000	211,898	\$ 11,104,330
Reinvested dividends and distributions	621,750	31,186,676	700,470	35,853,466
Shares repurchased	(1,050,167)	(56,861,273)	(1,204,072)	(63,535,412)
Net Increase/(Decrease)	(96,050)	\$ (7,319,597)	(291,704)	\$(16,577,616)
Service Shares:				
Shares sold	240,326	\$12,343,506	230,603	\$ 11,845,436
Reinvested dividends and distributions	257,316	12,545,127	276,671	13,833,812
Shares repurchased	(574,118)	(30,387,062)	(531,967)	(27,275,766)
Net Increase/(Decrease)	(76,476)	\$ (5,498,429)	(24,693)	\$ (1,596,518)

6. Purchases and Sales of Investment Securities

For the year ended December 31, 2020, the aggregate cost of purchases and proceeds from sales of investment securities (excluding any short-term securities, short-term options contracts, TBAs, and in-kind transactions, as applicable) was as follows:

<i>Purchases of Securities</i>	<i>Proceeds from Sales of Securities</i>	<i>Purchases of Long-Term U.S. Government Obligations</i>	<i>Proceeds from Sales of Long-Term U.S. Government Obligations</i>
\$238,219,634	\$ 292,731,772	\$ -	\$ -

7. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to December 31, 2020 and through the date of issuance of the Portfolio's financial statements and determined that there were no material events or transactions that would require recognition or disclosure in the Portfolio's financial statements.

Janus Henderson VIT Global Research Portfolio

Report of Independent Registered Public Accounting Firm

To the Board of Trustees of Janus Aspen Series and Shareholders of Janus Henderson VIT Global Research Portfolio

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities, including the schedule of investments, of Janus Henderson VIT Global Research Portfolio (one of the portfolios constituting Janus Aspen Series, referred to hereafter as the "Portfolio") as of December 31, 2020, the related statement of operations for the year ended December 31, 2020, the statements of changes in net assets for each of the two years in the period ended December 31, 2020, including the related notes, and the financial highlights for each of the five years in the period ended December 31, 2020 (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Portfolio as of December 31, 2020, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period ended December 31, 2020 and the financial highlights for each of the five years in the period ended December 31, 2020 in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Portfolio's management. Our responsibility is to express an opinion on the Portfolio's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Portfolio in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits of these financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. Our procedures included confirmation of securities owned as of December 31, 2020 by correspondence with the custodian and transfer agent. We believe that our audits provide a reasonable basis for our opinion.



Denver, Colorado
February 16, 2021

We have served as the auditor of one or more investment companies in Janus Henderson Funds since 1990.

Janus Henderson VIT Global Research Portfolio

Additional Information (unaudited)

Proxy Voting Policies and Voting Record

A description of the policies and procedures that the Portfolio uses to determine how to vote proxies relating to its portfolio securities is available without charge: (i) upon request, by calling 1-800-525-1093; (ii) on the Portfolio's website at janushenderson.com/proxyvoting; and (iii) on the SEC's website at <http://www.sec.gov>. Additionally, information regarding the Portfolio's proxy voting record for the most recent twelve-month period ended June 30 is also available, free of charge, through janushenderson.com/proxyvoting and from the SEC's website at <http://www.sec.gov>.

Full Holdings

The Portfolio files its complete portfolio holdings (schedule of investments) with the SEC as an exhibit to Form N-PORT within 60 days of the end of the first and third fiscal quarters, and in the annual report and semiannual report to shareholders. The Portfolio's Form N-PORT filings and annual and semiannual reports: (i) are available on the SEC's website at <http://www.sec.gov>; (ii) may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. (information on the Public Reference Room may be obtained by calling 1-800-SEC-0330); and (iii) are available without charge, upon request, by calling a Janus Henderson representative at 1-877-335-2687 (toll free). Portfolio holdings consisting of at least the names of the holdings are generally available on a monthly basis with a 30-day lag under Full Holdings for the Portfolio at janushenderson.com/vit.

APPROVAL OF ADVISORY AGREEMENTS DURING THE PERIOD

The Trustees of Janus Aspen Series, each of whom serves as an "independent" Trustee (the "Trustees"), oversee the management of each Portfolio of Janus Aspen Series (each, a "VIT Portfolio," and collectively, the "VIT Portfolios"), as well as each Fund of Janus Investment Fund (together with the VIT Portfolios, the "Janus Henderson Funds," and each, a "Janus Henderson Fund"). As required by law, the Trustees determine annually whether to continue the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreements for the Janus Henderson Funds that utilize subadvisers.

In connection with their most recent consideration of those agreements for each Janus Henderson Fund, the Trustees received, and reviewed information provided by Janus Capital and the respective subadvisers in response to requests of the Trustees and their independent legal counsel. They also received and reviewed information and analysis provided by, and in response to requests of, their independent fee consultant. Throughout their consideration of the agreements, the Trustees were advised by their independent legal counsel. The Trustees met with management to consider the agreements, and also met separately in executive session with their independent legal counsel and their independent fee consultant.

At a meeting held on December 9, 2020, based on the Trustees' evaluation of the information provided by Janus Capital, the subadvisers, and the independent fee consultant, as well as other information, the Trustees determined that the overall arrangements between each Janus Henderson Fund and Janus Capital and each subadviser, as applicable, were fair and reasonable in light of the nature, extent and quality of the services provided by Janus Capital, its affiliates and the subadvisers, the fees charged for those services, and other matters that the Trustees considered relevant in the exercise of their business judgment. At that meeting, the Trustees unanimously approved the continuation of the investment advisory agreement for each Janus Henderson Fund, and the subadvisory agreement for each subadvised Janus Henderson Fund, for the period from February 1, 2021 through February 1, 2022, subject to earlier termination as provided for in each agreement.

In considering the continuation of those agreements, the Trustees reviewed and analyzed various factors that they determined were relevant, including the factors described below, none of which by itself was considered dispositive. However, the material factors and conclusions that formed the basis for the Trustees' determination to approve the continuation of the agreements are discussed separately below. Also included is a summary of the independent fee consultant's conclusions and opinions that arose during, and were included as part of, the Trustees' consideration of the agreements. "Management fees," as used herein, reflect actual annual advisory fees and, for the purpose of peer comparisons any administration fees (excluding out of pocket costs), net of any waivers, paid by a fund as a percentage of average net assets.

Nature, Extent and Quality of Services

The Trustees reviewed the nature, extent and quality of the services provided by Janus Capital and the subadvisers to the Janus Henderson Funds, taking into account the investment objective, strategies and policies of each Janus Henderson Fund, and the knowledge the Trustees gained from their regular meetings with management on at least a

Janus Henderson VIT Global Research Portfolio

Additional Information (unaudited)

quarterly basis and their ongoing review of information related to the Janus Henderson Funds. In addition, the Trustees reviewed the resources and key personnel of Janus Capital and each subadviser, particularly noting those employees who provide investment and risk management services to the Janus Henderson Funds. The Trustees also considered other services provided to the Janus Henderson Funds by Janus Capital or the subadvisers, such as managing the execution of portfolio transactions and the selection of broker-dealers for those transactions. The Trustees considered Janus Capital's role as administrator to the Janus Henderson Funds, noting that Janus Capital generally does not receive a fee for its services but is reimbursed for its out-of-pocket costs. The Trustees considered the role of Janus Capital in monitoring adherence to the Janus Henderson Funds' investment restrictions, providing support services for the Trustees and Trustee committees, and overseeing communications with shareholders and the activities of other service providers, including monitoring compliance with various policies and procedures of the Janus Henderson Funds and with applicable securities laws and regulations.

In this regard, the independent fee consultant noted that Janus Capital provides a number of different services for the Janus Henderson Funds and fund shareholders, ranging from investment management services to various other servicing functions, and that, in its view, Janus Capital is a capable provider of those services. The independent fee consultant also provided its belief that Janus Capital has developed a number of institutional competitive advantages that should enable it to provide superior investment and service performance over the long term.

The Trustees concluded that the nature, extent and quality of the services provided by Janus Capital or the subadviser to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory and subadvisory agreements, and that, taking into account steps taken to address those Janus Henderson Funds whose performance lagged that of their peers for certain periods, the Janus Henderson Funds were likely to benefit from the continued provision of those services. They also concluded that Janus Capital and each subadviser had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and had demonstrated its ability to attract well-qualified personnel.

Performance of the Funds

The Trustees considered the performance results of each Janus Henderson Fund over various time periods. They noted that they considered Janus Henderson Fund performance data throughout the year, including periodic meetings with each Janus Henderson Fund's portfolio manager(s), and also reviewed information comparing each Janus Henderson Fund's performance with the performance of comparable funds and peer groups identified by Broadridge Financial Solutions, Inc. ("Broadridge"), an independent data provider, and with the Janus Henderson Fund's benchmark index. In this regard, the independent fee consultant found that the overall Janus Henderson Funds' performance has been reasonable: for the 36 months ended September 30, 2020, approximately 75% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers, and for the 12 months ended September 30, 2020, approximately 62% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers.

The Trustees considered the performance of each Janus Henderson Fund, noting that performance may vary by share class, and noted the following with respect to the VIT Portfolios:

- For Janus Henderson Balanced Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2020 and the first Broadridge quartile for the 12 months ended May 31, 2020.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2020 and the bottom Broadridge quartile for the 12 months ended May 31, 2020. The Trustees noted the reasons for the Fund's underperformance and the steps Janus Capital had taken or was taking to improve performance.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2020 and the first Broadridge quartile for the 12 months ended May 31, 2020. The Trustees noted the reasons for the Fund's underperformance and the steps Janus Capital had taken or was taking to improve performance, and that the performance trend was improving.

Janus Henderson VIT Global Research Portfolio

Additional Information (unaudited)

- For Janus Henderson Forty Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2020 and the second Broadridge quartile for the 12 months ended May 31, 2020.
- For Janus Henderson Global Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2020 and the bottom Broadridge quartile-for the 12 months ended May 31, 2020. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps Janus Capital had taken or was taking to improve performance.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2020 and the second Broadridge quartile for the 12 months ended May 31, 2020.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2020 and the third Broadridge quartile for the 12 months ended May 31, 2020. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps Janus Capital and Perkins had taken or were taking to improve performance.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2020 and the third Broadridge quartile for the 12 months ended May 31, 2020. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance and the steps Janus Capital had taken or was taking to improve performance.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2020 and the third Broadridge quartile for the 12 months ended May 31, 2020. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps Janus Capital had taken or was taking to improve performance.
- For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2020 and the third Broadridge quartile for the 12 months ended May 31, 2020.

In consideration of each Janus Henderson Fund's performance, the Trustees concluded that, taking into account the factors relevant to performance, as well as other considerations, including steps taken to improve performance, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory and subadvisory agreement(s).

Costs of Services Provided

The Trustees examined information regarding the fees and expenses of each Janus Henderson Fund in comparison to similar information for other comparable funds as provided by Broadridge, an independent data provider. They also reviewed an analysis of that information provided by their independent fee consultant and noted that the rate of management fees (investment advisory fees and any administration fees but excluding out-of-pocket costs) for many of the Janus Henderson Funds, after applicable waivers, was below the average management fee rate of the respective peer group of funds selected by an independent data provider. The Trustees also examined information regarding the subadvisory fees charged for subadvisory services, as applicable, noting that all such fees were paid by Janus Capital out of its management fees collected from such Janus Henderson Fund.

The independent fee consultant provided its belief that the management fees charged by Janus Capital to each of the Janus Henderson Funds under the current investment advisory and administration agreements are reasonable in relation to the services provided by Janus Capital. The independent fee consultant found: (1) the total expenses and management fees of the Janus Henderson Funds to be reasonable relative to other comparable mutual funds; (2) the total expenses, on average, were 10% under the average total expenses of the respective Broadridge Expense Group peers; and (3) and the management fees for the Janus Henderson Funds, on average, were 9% under the average management fees for the respective Broadridge Expense Group. The Trustees also considered the total expenses for

Janus Henderson VIT Global Research Portfolio

Additional Information (unaudited)

each share class of each Janus Henderson Fund compared to the average total expenses for its Broadridge Expense Group and to average total expenses for its Broadridge Expense Universe.

For certain Janus Henderson Funds, the independent fee consultant also performed a systematic “focus list” analysis of expenses which assessed fund fees in the context of fund performance being delivered. Based on this analysis, the independent fee consultant found that the combination of service quality/performance and expenses on these individual Janus Henderson Funds was reasonable in light of performance trends, performance histories, and existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

The Trustees considered the methodology used by Janus Capital and each subadviser in determining compensation payable to portfolio managers, the competitive environment for investment management talent, and the competitive market for mutual funds in different distribution channels.

The Trustees also reviewed management fees charged by Janus Capital and each subadviser to comparable separate account clients and to comparable non-affiliated funds subadvised by Janus Capital or by a subadviser (for which Janus Capital or the subadviser provides only or primarily portfolio management services). Although in most instances subadvisory and separate account fee rates for various investment strategies were lower than management fee rates for Janus Henderson Funds having a similar strategy, the Trustees considered that Janus Capital noted that, under the terms of the management agreements with the Janus Henderson Funds, Janus Capital performs significant additional services for the Janus Henderson Funds that it does not provide to those other clients, including administration services, oversight of the Janus Henderson Funds' other service providers, trustee support, regulatory compliance and numerous other services, and that, in serving the Janus Henderson Funds, Janus Capital assumes many legal risks and other costs that it does not assume in servicing its other clients. Moreover, they noted that the independent fee consultant found that: (1) the management fees Janus Capital charges to the Janus Henderson Funds are reasonable in relation to the management fees Janus Capital charges to funds subadvised by Janus Capital and to the fees Janus Capital charges to its institutional separate account clients; (2) these subadvised and institutional separate accounts have different service and infrastructure needs and operate in markets very distinct relative to retail funds; and (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged to Janus Henderson subadvised fund and separate account investors; (4) 9 of 10 Janus Henderson Funds have lower management fees than similar funds subadvised by Janus Capital; and (5) 5 of 8 Janus Henderson Funds have lower management fees than similar separate accounts managed by Janus Capital.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2019, including the VIT Portfolios, and noted the following with regard to each VIT Portfolio's total expenses, net of applicable fee waivers (the VIT Portfolio's “total expenses”):

- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that Janus Capital has contractually agreed to limit the Fund's expenses, although this limit did not apply because the Fund's total expenses were already below the applicable fee limit.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that Janus Capital has contractually agreed to limit the Fund's expenses, although this limit did not apply because the Fund's total expenses were already below the applicable fee limit.

Janus Henderson VIT Global Research Portfolio

Additional Information (unaudited)

- For Janus Henderson Overseas Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for both share classes.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's total expenses were below the peer group average for both share classes.
- For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for its sole share class.

The Trustees reviewed information on the overall profitability to Janus Capital and its affiliates of their relationship with the Janus Henderson Funds, and considered profitability data of other publicly traded mutual fund advisers. The Trustees recognized that profitability comparisons among fund managers are difficult because of the variation in the type of comparative information that is publicly available, and the profitability of any fund manager is affected by numerous factors, including the organizational structure of the particular fund manager, differences in complex size, difference in product mix, difference in types of business (mutual fund, institutional and other), differences in the types of funds and other accounts it manages, possible other lines of business, the methodology for allocating expenses, and the fund manager's capital structure and cost of capital.

Additionally, the Trustees considered the estimated profitability to Janus Capital from the investment management services it provided to each Janus Henderson Fund. In their review, the Trustees considered whether Janus Capital and each subadviser receive adequate incentives and resources to manage the Janus Henderson Funds effectively. In reviewing profitability, the Trustees noted that the estimated profitability for an individual Janus Henderson Fund is necessarily a product of the allocation methodology utilized by Janus Capital to allocate its expenses as part of the estimated profitability calculation. In this regard, the Trustees noted that the independent fee consultant found that (1) the expense allocation methodology and rationales utilized by Janus Capital were reasonable and (2) no clear correlation exists between expense allocations and operating margins. The Trustees also considered that the estimated profitability for an individual Janus Henderson Fund was influenced by a number of factors, including not only the allocation methodology selected, but also the presence of fee waivers and expense caps, and whether the Janus Henderson Fund's investment management agreement contained breakpoints or a performance fee component. The Trustees determined, after taking into account these factors, among others, that Janus Capital's estimated profitability with respect to each Janus Henderson Fund was not unreasonable in relation to the services provided, and that the variation in the range of such estimated profitability among the Janus Henderson Funds was not a material factor in the Board's approval of the reasonableness of any Janus Henderson Fund's investment management fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to Janus Capital and its affiliates, as well as the fees paid by Janus Capital to the subadvisers of subadvised Janus Henderson Funds, were reasonable in relation to the nature, extent, and quality of the services provided, taking into account the fees charged by other advisers for managing comparable mutual funds with similar strategies, the fees Janus Capital and the subadvisers charge to other clients, and, as applicable, the impact of fund performance on management fees payable by the Janus Henderson Funds. The Trustees also concluded that each Janus Henderson Fund's total expenses were reasonable, taking into account the size of the Janus Henderson Fund, the quality of services provided by Janus Capital and any subadviser, the investment performance of the Janus Henderson Fund, and any expense limitations agreed to or provided by Janus Capital.

Economies of Scale

The Trustees considered information about the potential for Janus Capital to realize economies of scale as the assets of the Janus Henderson Funds increase. They noted that their independent fee consultant published a report to the Trustees in November 2019 which provided its research and analysis into economies of scale. They also noted that, although many Janus Henderson Funds pay advisory fees at a fixed base rate as a percentage of net assets, without any breakpoints or performance fees, their independent fee consultant concluded that 73% of these Janus Henderson Funds' have contractual management fees (gross of waivers) below their Broadridge Expense Group averages. They also noted the following: (1) that for those Janus Henderson Funds whose expenses are being reduced by the contractual expense limitations of Janus Capital, Janus Capital is subsidizing certain of these Janus Henderson Funds because they have not reached adequate scale; (2) as the assets of some of the Janus Henderson Funds have declined in the past few years, certain of those Janus Henderson Funds have benefited from having advisory fee rates that have remained constant rather than increasing as assets declined; (3) performance fee structures have been implemented for various Janus Henderson Funds that have caused the effective rate of advisory fees payable by such

Janus Henderson VIT Global Research Portfolio

Additional Information (unaudited)

Janus Henderson Fund to vary depending on the investment performance of the Janus Henderson Fund relative to its benchmark index over the measurement period; and (4) a few Janus Henderson Funds have fee schedules with breakpoints and reduced fee rates above certain asset levels. The Trustees also noted that the Janus Henderson Funds share directly in economies of scale through the significant investments made by Janus Capital and its affiliates related to services provided to the Funds and the lower charges of third-party service providers that are based in part on the combined scale of all of the Janus Henderson Funds.

The Trustees also considered the independent fee consultant's conclusion that, given the limitations of various analytical approaches to economies of scale and their conflicting results, it is difficult to analytically confirm or deny the existence of economies of scale in the Janus Henderson complex. In this regard, the independent consultant concluded that (1) to the extent there were economies of scale at Janus Capital, Janus Capital's general strategy of setting fixed management fees below peers appeared to share any such economies with investors even on smaller Janus Henderson Funds which have not yet achieved those economies and (2) by setting lower fixed fees from the start on these Janus Henderson Funds, Janus Capital appeared to be investing to increase the likelihood that these Janus Henderson Funds will grow to a level to achieve any economies of scale that may exist. Further, the independent fee consultant provided its belief that Janus Henderson Fund investors are well-served by the fee levels and performance fee structures in place on the Janus Henderson Funds in light of any economies of scale that may be present at Janus Capital.

Based on all of the information reviewed, including the recent and past research and analysis conducted by the Trustees' independent fee consultant, the Trustees concluded that the current fee structure of each Janus Henderson Fund was reasonable and that the current rates of fees do reflect a sharing between Janus Capital and the Janus Henderson Fund of any economies of scale that may be present at the current asset level of the Janus Henderson Fund.

Other Benefits to Janus Capital

The Trustees also considered benefits that accrue to Janus Capital and its affiliates and subadvisers to the Janus Henderson Funds from their relationships with the Janus Henderson Funds. They recognized that two affiliates of Janus Capital separately serve the Janus Henderson Funds as transfer agent and distributor, respectively, and the transfer agent receives compensation directly from the non-money market funds for services provided, and that such compensation contributes to the overall profitability of Janus Capital and its affiliates that results from their relationship with the Janus Henderson Funds. The Trustees also considered Janus Capital's past and proposed use of commissions paid by the Janus Henderson Funds on portfolio brokerage transactions to obtain proprietary and third-party research products and services benefiting the Janus Henderson Fund and/or other clients of Janus Capital and Janus Capital, and/or a subadviser to a Janus Henderson Fund. The Trustees concluded that Janus Capital's and the subadvisers' use of these types of client commission arrangements to obtain proprietary and third-party research products and services was consistent with regulatory requirements and guidelines and was likely to benefit each Janus Henderson Fund. The Trustees also concluded that, other than the services provided by Janus Capital and its affiliates and subadvisers pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and Janus Capital and the subadvisers may potentially benefit from their relationship with each other in other ways. They concluded that Janus Capital and its affiliates share directly in economies of scale through the lower charges of third-party service providers that are based in part on the combined scale of the Janus Henderson Funds and other clients serviced by Janus Capital and its affiliates. They also concluded that Janus Capital and/or the subadvisers benefit from the receipt of research products and services acquired through commissions paid on portfolio transactions of the Janus Henderson Funds and that the Janus Henderson Funds benefit from Janus Capital's and/or the subadvisers' receipt of those products and services as well as research products and services acquired through commissions paid by other clients of Janus Capital and/or other clients of the subadvisers. They further concluded that the success of any Janus Henderson Fund could attract other business to Janus Capital, the subadvisers or other Janus Henderson funds, and that the success of Janus Capital and the subadvisers could enhance Janus Capital's and the subadvisers' ability to serve the Janus Henderson Funds.

Janus Henderson VIT Global Research Portfolio

Useful Information About Your Portfolio Report (unaudited)

Management Commentary

The Management Commentary in this report includes valuable insight as well as statistical information to help you understand how your Portfolio's performance and characteristics stack up against those of comparable indices.

If the Portfolio invests in foreign securities, this report may include information about country exposure. Country exposure is based primarily on the country of risk. A company may be allocated to a country based on other factors such as location of the company's principal office, the location of the principal trading market for the company's securities, or the country where a majority of the company's revenues are derived.

Please keep in mind that the opinions expressed in the Management Commentary are just that: opinions. They are a reflection based on best judgment at the time this report was compiled, which was December 31, 2020. As the investing environment changes, so could opinions. These views are unique and are not necessarily shared by fellow employees or by Janus Henderson in general.

Performance Overviews

Performance overview graphs compare the performance of a hypothetical \$10,000 investment in the Portfolio with one or more widely used market indices. When comparing the performance of the Portfolio with an index, keep in mind that market indices are not available for investment and do not reflect deduction of expenses.

Average annual total returns are quoted for a Portfolio with more than one year of performance history. Average annual total return is calculated by taking the growth or decline in value of an investment over a period of time, including reinvestment of dividends and distributions, then calculating the annual compounded percentage rate that would have produced the same result had the rate of growth been constant throughout the period. Average annual total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Cumulative total returns are quoted for a Portfolio with less than one year of performance history. Cumulative total return is the growth or decline in value of an investment over time, independent of the period of time involved. Cumulative total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Pursuant to federal securities rules, expense ratios shown in the performance chart reflect subsidized (if applicable) and unsubsidized ratios. The total annual fund operating expenses ratio is gross of any fee waivers, reflecting the Portfolio's unsubsidized expense ratio. The net annual fund operating expenses ratio (if applicable) includes contractual waivers of Janus Capital and reflects the Portfolio's subsidized expense ratio. Ratios may be higher or lower than those shown in the "Financial Highlights" in this report.

Schedule of Investments

Following the performance overview section is the Portfolio's Schedule of Investments. This schedule reports the types of securities held in the Portfolio on the last day of the reporting period. Securities are usually listed by type (common stock, corporate bonds, U.S. Government obligations, etc.) and by industry classification (banking, communications, insurance, etc.). Holdings are subject to change without notice.

The value of each security is quoted as of the last day of the reporting period. The value of securities denominated in foreign currencies is converted into U.S. dollars.

If the Portfolio invests in foreign securities, it will also provide a summary of investments by country. This summary reports the Portfolio exposure to different countries by providing the percentage of securities invested in each country. The country of each security represents the country of risk. The Portfolio's Schedule of Investments relies upon the industry group and country classifications published by Barclays and/or MSCI Inc.

Tables listing details of individual forward currency contracts, futures, written options, swaptions, and swaps follow the Portfolio's Schedule of Investments (if applicable).

Statement of Assets and Liabilities

This statement is often referred to as the "balance sheet." It lists the assets and liabilities of the Portfolio on the last day of the reporting period.

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Useful Information About Your Portfolio Report (unaudited)

The Portfolio's assets are calculated by adding the value of the securities owned, the receivable for securities sold but not yet settled, the receivable for dividends declared but not yet received on securities owned, and the receivable for Portfolio shares sold to investors but not yet settled. The Portfolio's liabilities include payables for securities purchased but not yet settled, Portfolio shares redeemed but not yet paid, and expenses owed but not yet paid. Additionally, there may be other assets and liabilities such as unrealized gain or loss on forward currency contracts.

The section entitled "Net Assets Consist of" breaks down the components of the Portfolio's net assets. Because the Portfolio must distribute substantially all earnings, you will notice that a significant portion of net assets is shareholder capital.

The last section of this statement reports the net asset value ("NAV") per share on the last day of the reporting period. The NAV is calculated by dividing the Portfolio's net assets for each share class (assets minus liabilities) by the number of shares outstanding.

Statement of Operations

This statement details the Portfolio's income, expenses, realized gains and losses on securities and currency transactions, and changes in unrealized appreciation or depreciation of Portfolio holdings.

The first section in this statement, entitled "Investment Income," reports the dividends earned from securities and interest earned from interest-bearing securities in the Portfolio.

The next section reports the expenses incurred by the Portfolio, including the advisory fee paid to the investment adviser, transfer agent fees and expenses, and printing and postage for mailing statements, financial reports and prospectuses. Expense offsets and expense reimbursements, if any, are also shown.

The last section lists the amounts of realized gains or losses from investment and foreign currency transactions, and changes in unrealized appreciation or depreciation of investments and foreign currency-denominated assets and liabilities. The Portfolio will realize a gain (or loss) when it sells its position in a particular security. A change in unrealized gain (or loss) refers to the change in net appreciation or depreciation of the Portfolio during the reporting period. "Net Realized and Unrealized Gain/(Loss) on Investments" is affected both by changes in the market value of Portfolio holdings and by gains (or losses) realized during the reporting period.

Statements of Changes in Net Assets

These statements report the increase or decrease in the Portfolio's net assets during the reporting period. Changes in the Portfolio's net assets are attributable to investment operations, dividends and distributions to investors, and capital share transactions. This is important to investors because it shows exactly what caused the Portfolio's net asset size to change during the period.

The first section summarizes the information from the Statement of Operations regarding changes in net assets due to the Portfolio's investment operations. The Portfolio's net assets may also change as a result of dividend and capital gains distributions to investors. If investors receive their dividends and/or distributions in cash, money is taken out of the Portfolio to pay the dividend and/or distribution. If investors reinvest their dividends and/or distributions, the Portfolio's net assets will not be affected. If you compare the Portfolio's "Net Decrease from Dividends and Distributions" to "Reinvested Dividends and Distributions," you will notice that dividends and distributions have little effect on the Portfolio's net assets. This is because the majority of the Portfolio's investors reinvest their dividends and/or distributions.

The reinvestment of dividends and distributions is included under "Capital Share Transactions." "Capital Shares" refers to the money investors contribute to the Portfolio through purchases or withdrawals via redemptions. The Portfolio's net assets will increase and decrease in value as investors purchase and redeem shares from the Portfolio.

Financial Highlights

This schedule provides a per-share breakdown of the components that affect the Portfolio's NAV for current and past reporting periods as well as total return, asset size, ratios, and portfolio turnover rate.

The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then subtracted to arrive at the NAV per share at the end of the period. The next line reflects the total return for the period. The total return may include adjustments in accordance with

Janus Henderson VIT Global Research Portfolio

Useful Information About Your Portfolio Report (unaudited)

generally accepted accounting principles required at the period end for financial reporting purposes. As a result, the total return may differ from the total return reflected for individual shareholder transactions. Also included are ratios of expenses and net investment income to average net assets.

The Portfolio's expenses may be reduced through expense offsets and expense reimbursements. The ratios shown reflect expenses before and after any such offsets and reimbursements.

The ratio of net investment income/(loss) summarizes the income earned less expenses, divided by the average net assets of the Portfolio during the reporting period. Do not confuse this ratio with the Portfolio's yield. The net investment income ratio is not a true measure of the Portfolio's yield because it does not take into account the dividends distributed to the Portfolio's investors.

The next figure is the portfolio turnover rate, which measures the buying and selling activity in the Portfolio. Portfolio turnover is affected by market conditions, changes in the asset size of the Portfolio, fluctuating volume of shareholder purchase and redemption orders, the nature of the Portfolio's investments, and the investment style and/or outlook of the portfolio manager(s) and/or investment personnel. A 100% rate implies that an amount equal to the value of the entire portfolio was replaced once during the fiscal year; a 50% rate means that an amount equal to the value of half the portfolio is traded in a year; and a 200% rate means that an amount equal to the value of the entire portfolio is traded every six months.

Janus Henderson VIT Global Research Portfolio Designation Requirements (unaudited)

For federal income tax purposes, the Portfolio designated the following for the year ended December 31, 2020:

Capital Gain Distributions	\$38,174,669
Dividends Received Deduction Percentage	100%

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

The following are the Trustees and officers of the Trust, together with a brief description of their principal occupations during the last five years (principal occupations for certain Trustees may include periods over five years). The Portfolio's Statement of Additional Information includes additional information about the Trustees and officers and is available, without charge, by calling 1-877-335-2687.

Each Trustee has served in that capacity since he or she was originally elected or appointed. The Trustees do not serve a specified term of office. Each Trustee will hold office until the termination of the Trust or his or her earlier death, resignation, retirement, incapacity, or removal. Under the Portfolio's Governance Procedures and Guidelines, the policy is for Trustees to retire no later than the end of the calendar year in which the Trustee turns 75. The Trustees review the Portfolio's Governance Procedures and Guidelines from time to time and may make changes they deem appropriate. The Portfolio's Nominating and Governance Committee will consider nominees for the position of Trustee recommended by shareholders. Shareholders may submit the name of a candidate for consideration by the Committee by submitting their recommendations to the Trust's Secretary. Each Trustee is currently a Trustee of one other registered investment company advised by Janus Capital: Janus Investment Fund. Collectively, these two registered investment companies consist of 56 series or funds referred to herein as the Fund Complex.

The Trust's officers are elected annually by the Trustees for a one-year term. Certain officers also serve as officers of Janus Investment Fund. Certain officers of the Portfolio may also be officers and/or directors of Janus Capital. Except as otherwise disclosed, Portfolio officers receive no compensation from the Portfolio, except for the Portfolio's Chief Compliance Officer, as authorized by the Trustees.

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

TRUSTEES

Name, Address, and Age	Positions Held with the Trust	Length of Time Served	Principal Occupations During the Past Five Years	Number of Portfolios/Funds in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee During the Past Five Years
Independent Trustees					
William F. McCalpin 151 Detroit Street Denver, CO 80206 DOB: 1957	Chairman Trustee	1/08- Present 6/02- Present	Independent Consultant (since 2019) and Chief Operating Officer, muun chi LLC (organic food business) (since 2020). Formerly, Managing Partner, Impact Investments, Athena Capital Advisors LLC (independent registered investment advisor) (2016-2019), Managing Director, Holos Consulting LLC (provides consulting services to foundations and other nonprofit organizations) (2009-2016), Chief Executive Officer, Imprint Capital Advisors (impact investment firm) (2013-2015), and Executive Vice President and Chief Operating Officer of The Rockefeller Brothers Fund (a private family foundation) (1998-2006).	56	Director of Mutual Fund Directors Forum (a non-profit organization serving independent directors of U.S. mutual funds) (since 2016), Chairman of the Board and Trustee of The Investment Fund for Foundations Investment Program (TIP) (consisting of 2 funds) (since 2008), and Director of the F.B. Heron Foundation (a private grantmaking foundation) (since 2006).

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

TRUSTEES

Name, Address, and Age	Positions Held with the Trust	Length of Time Served	Principal Occupations During the Past Five Years	Number of Portfolios/Funds in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee During the Past Five Years
Independent Trustees					
Alan A. Brown 151 Detroit Street Denver, CO 80206 DOB: 1962	Trustee	1/13- Present	Principal, Curam Holdings LLC (since 2018). Formerly, Executive Vice President, Institutional Markets, of Black Creek Group (private equity real estate investment management firm) (2012-2018), Executive Vice President and Co-Head, Global Private Client Group (2007-2010), Executive Vice President, Mutual Funds (2005-2007), and Chief Marketing Officer (2001-2005) of Nuveen Investments, Inc. (asset management).	56	Advisory Board Member of AEW Core Property Trust (open-end property fund) (since 2020), and Director of WTTW (PBS affiliate) (since 2003). Formerly, Director of MotiveQuest LLC (strategic social market research company) (2003-2016), Director of Nuveen Global Investors LLC (2007-2011), Director of Communities in Schools (2004-2010), and Director of Mutual Fund Education Alliance (until 2010).

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

TRUSTEES

Name, Address, and Age	Positions Held with the Trust	Length of Time Served	Principal Occupations During the Past Five Years	Number of Portfolios/Funds in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee During the Past Five Years
Independent Trustees					
William D. Cvengros 151 Detroit Street Denver, CO 80206 DOB: 1948	Trustee	1/11- Present	Chief Executive Officer of SJC Capital, LLC (a personal investment company and consulting firm) (since 2002). Formerly, Chief Executive Officer and President of PIMCO Advisors Holdings L.P. (a publicly traded investment management firm) (1994-2000), and Chief Investment Officer (1987-1994) and Vice Chairman and Director (1990-1994) of Pacific Life Insurance Company (a mutual life insurance and annuity company) (1987-1994).	56	Advisory Board Member, RevOZ Fund LP and related funds (real estate investments for opportunity zones) (since 2020), and Advisory Board Member, Innovate Partners Emerging Growth and Equity Fund I (early stage venture capital fund) (since 2014). Formerly, Managing Trustee of National Retirement Partners Liquidating Trust (2013-2016), Chairman, National Retirement Partners, Inc. (formerly a network of advisors to 401(k) plans) (2005-2013), Director of Prospect Acquisition Corp. (a special purpose acquisition corporation) (2007-2009), Director of RemedyTemp, Inc. (temporary help services company) (1996-2006), and Trustee of PIMCO Funds Multi-Manager Series (1990-2000) and Pacific Life Variable Life & Annuity Trusts (1987-1994).

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

TRUSTEES

Name, Address, and Age	Positions Held with the Trust	Length of Time Served	Principal Occupations During the Past Five Years	Number of Portfolios/Funds in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee During the Past Five Years
Independent Trustees					
Raudline Etienne 151 Detroit Street Denver, CO 80206 DOB: 1965	Trustee	6/16- Present	Founder, Daraja Capital (advisory and investment firm) (since 2016), and Senior Advisor, Albright Stonebridge Group LLC (global strategy firm) (since 2016). Formerly, Senior Vice President (2011-2015), Albright Stonebridge Group LLC, and Deputy Comptroller and Chief Investment Officer, New York State Common Retirement Fund (public pension fund) (2008-2011).	56	Board Member, Van Alen Institute (nonprofit architectural and design organization) (since 2019) and Director of Brightwood Capital Advisors, LLC (since 2014).
William M. Fitzgerald, Sr. 151 Detroit Street Denver, CO 80206 DOB: 1964	Trustee	9/19- Present	Founder, Fitzgerald Asset Management LLC (since 2012). Formerly, Founder and Chief Investment Officer, Global Infrastructure Asset Management LLC (2008-2017), Chief Investment Officer of Nuveen Asset Management (2000-2007), and Managing Director, Nuveen Investment LLC (1988-2007).	56	Board of Directors, Municipal Securities Rulemaking Board (since 2017). Formerly, Board of Directors of Syncora Holdings Ltd, Syncora Guarantee Inc., and Syncora Capital Assurance Inc. (2009-2016), and Trustee, Destra Investment Trust (2010-2014).

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

TRUSTEES

Name, Address, and Age	Positions Held with the Trust	Length of Time Served	Principal Occupations During the Past Five Years	Number of Portfolios/Funds in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee During the Past Five Years
Independent Trustees					
Gary A. Poliner 151 Detroit Street Denver, CO 80206 DOB: 1953	Trustee	6/16- Present	Retired. Formerly, President (2010-2013) of Northwestern Mutual Life Insurance Company.	56	Director of MGIC Investment Corporation (private mortgage insurance) (since 2013) and West Bend Mutual Insurance Company (property/casualty insurance) (since 2013). Formerly, Trustee of Northwestern Mutual Life Insurance Company (2010-2013) and Director of Frank Russell Company (global asset management firm) (2008-2013).
Diane L. Wallace 151 Detroit Street Denver, CO 80206 DOB: 1958	Trustee	6/17- Present	Retired. Formerly, Chief Operating Officer, Senior Vice President-Operations, and Chief Financial Officer for Driehaus Capital Management, LLC (1988-2006) and Treasurer for Driehaus Mutual Funds (1996-2002).	56	Director of Family Service of Lake County (since 2019). Formerly, Independent Trustee, Henderson Global Funds (13 portfolios) (2015-2017), Independent Trustee, State Farm Associates' Funds Trust, State Farm Mutual Fund Trust, and State Farm Variable Product Trust (28 portfolios) (2013-2017).

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

TRUSTEES

Name, Address, and Age	Positions Held with the Trust	Length of Time Served	Principal Occupations During the Past Five Years	Number of Portfolios/Funds in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee During the Past Five Years
Independent Trustees					
Linda S. Wolf 151 Detroit Street Denver, CO 80206 DOB: 1947	Trustee	11/05- Present	Retired. Formerly, Chairman and Chief Executive Officer of Leo Burnett (Worldwide) (advertising agency) (2001-2005).	56	Director of Chicago Community Trust (Regional Community Foundation), Lurie Children's Hospital (Chicago, IL), Shirley Ryan Ability Lab and Wrappports, LLC (digital communications company). Formerly, Director of Chicago Council on Global Affairs (until 2019), InnerWorkings (until 2019) and Director of Walmart (until 2017).

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

OFFICERS

Name, Address, and Age	Positions Held with the Trust	Term of Office* and Length of Time Served	Principal Occupations During the Past Five Years
Bruce L. Koepfgen 151 Detroit Street Denver, CO 80206 DOB: 1952	President and Chief Executive Officer	7/14-Present	Executive Vice President and Head of North America at Janus Henderson Investors (since 2017), President and Head of North America at Janus Capital Management LLC (since 2013 and 2017, respectively), President at Janus Capital Group Inc. (since 2013), President and Director at Janus International Holding LLC (since 2019 and 2011, respectively), President at Janus Holdings LLC (since 2019), President and Director at Janus Management Holdings Corporation (since 2017 and 2012, respectively), Executive Vice President and Head of North America at Janus Distributors LLC (since 2011 and 2019, respectively), Vice President and Director at Intech Investment Management LLC (since 2012), and Executive Vice President at Perkins Investment Management LLC (since 2011). Formerly, Executive Vice President at Janus Capital Group Inc., Janus International Holding LLC, and Janus Management Holdings Corporation (2011-2019), Director at Perkins Investment Management LLC (2011-2019), and Chief Financial Officer at Janus Capital Group Inc. (2011-2013).

* Officers are elected at least annually by the Trustees for a one-year term and may also be elected from time to time by the Trustees for an interim period.

Janus Henderson VIT Global Research Portfolio

Trustees and Officers (unaudited)

OFFICERS

Name, Address, and Age	Positions Held with the Trust	Term of Office* and Length of Time Served	Principal Occupations During the Past Five Years
Kristin Mariani 151 Detroit Street Denver, CO 80206 DOB: 1966	Vice President, Chief Compliance Officer, and Anti-Money Laundering Officer	7/20-Present	Head of Compliance, North America for Janus Henderson Investors (since September 2020), and Chief Compliance Officer for Janus Capital Management LLC (since September 2017). Formerly, Global Head of Investment Management Compliance for Janus Henderson Investors (February 2019 – August 2020), Vice President, Head of Global Distribution Compliance and Chief Compliance Officer of Janus Henderson Distributors (May 2017-September 2017), Vice President, Compliance at Janus Capital Group Inc., Janus Capital Management LLC, and Janus Distributors LLC (2009-2017).
Jesper Nergaard 151 Detroit Street Denver, CO 80206 DOB: 1962	Chief Financial Officer Vice President, Treasurer, and Principal Accounting Officer	3/05-Present 2/05-Present	Head of U.S. Fund Administration, Janus Henderson Investors and Janus Services LLC.
Abigail J. Murray 151 Detroit Street Denver, CO 80206 DOB: 1975	Vice President, Chief Legal Officer, and Secretary	12/20-Present	Managing Counsel (2020-present). Formerly, Senior Counsel for Invesco Ltd. (2017-2020), and Vice President and Senior Counsel, ALPS Fund Services, Inc. and Assistant General Counsel, ALPS Advisors, Inc. (2015-2017).

* Officers are elected at least annually by the Trustees for a one-year term and may also be elected from time to time by the Trustees for an interim period.

Janus Henderson VIT Global Research Portfolio Notes

Janus Henderson
— INVESTORS —

This report is submitted for the general information of shareholders of the Portfolio. It is not an offer or solicitation for the Portfolio and is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.

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