Pioneer Variable Contracts Trust

# Pioneer Equity Income

# VCT Portfolio

Class I and II Shares

Annual Report | December 31, 2022

Please refer to your contract prospectus to determine the applicable share class offered under your contract.

Amundi
ASSET MANAGEMENT

## Table of Contents

**Pioneer Equity Income VCT Portfolio**



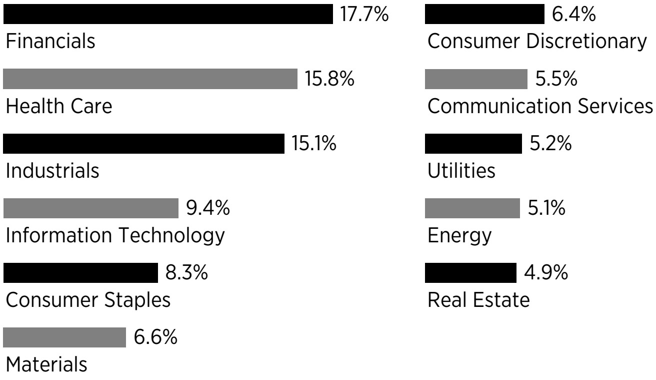
This report is authorized for distribution only when preceded or accompanied by a prospectus for the Portfolio being offered.

Pioneer Variable Contracts Trust files a complete schedule of portfolio holdings with the Securities and Exchange Commission for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. Shareholders may view the filed Form N-PORT by visiting the Commission's web site at https://www.sec.gov.

## Portfolio Update 12/31/22

### Sector Distribution

(As a percentage of total investments)*




### 5 Largest Holdings

(As a percentage of total investments)*

| | | |
|---|---|---|
| 1. | Sun Life Financial, Inc. | 2.35% |
| 2. | Chevron Corp. | 2.08 |
| 3. | Exxon Mobil Corp. | 2.07 |
| 4. | Novo Nordisk AS | 1.98 |
| 5. | Pfizer, Inc. | 1.95 |

* Excludes short-term investments and all derivative contracts except for options purchased. The Portfolio is actively managed, and current holdings may be different. The holdings listed should not be considered recommendations to buy or sell any securities.

## Performance Update 12/31/22

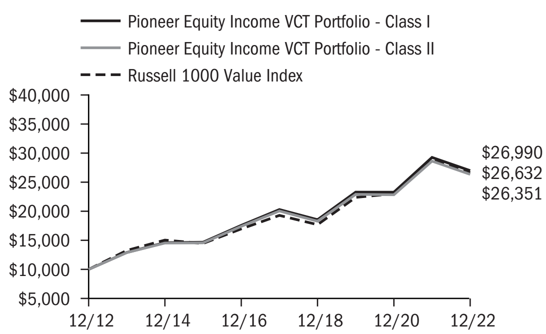
### Prices and Distributions

| **Net Asset Value per Share** | **12/31/22** | **12/31/21** |
|---|---|---|
| Class I | $15.13 | $19.21 |
| Class II | $15.45 | $19.55 |

| **Distributions per Share (1/1/22 - 12/31/22)** | **Net Investment Income** | **Short-Term Capital Gains** | **Long-Term Capital Gains** |
|---|---|---|---|
| Class I | $0.2989 | $— | $2.0963 |
| Class II | $0.2593 | $— | $2.0963 |

### Performance of a $10,000 Investment

The following chart shows the change in value of an investment made in Class I and Class II shares of **Pioneer Equity Income VCT Portfolio** at net asset value during the periods shown, compared to that of the Russell 1000 Value Index. Portfolio returns are based on net asset value and do not reflect any applicable insurance fees or surrender charges.




The Russell 1000 Value Index is an unmanaged index that measures the performance of large-cap U.S. value stocks. Index returns are calculated monthly, assume reinvestment of dividends and do not reflect any fees, expenses or sales charges. It is not possible to invest directly in an index.

### Average Annual Total Returns

(As of December 31, 2022)

| | Class I | Class II | Russell 1000 Value Index |
|---|---|---|---|
| 10 Years | 10.44% | 10.17% | 10.29% |
| 5 Years | 5.87% | 5.62% | 6.67% |
| 1 Year | -7.76% | -7.94% | -7.54% |

All total returns shown assume reinvestment of distributions at net asset value.

The performance table does not reflect the deduction of taxes that a shareowner would pay on distributions or the redemption of shares.

**Call 1-800-688-9915 or visit www.amundi.com/us for the most recent month-end performance results. Current performance may be lower or higher than the performance data quoted.**

**The performance data quoted represents past performance, which is no guarantee of future results. Investment return and principal value will fluctuate, and shares, when redeemed, may be worth more or less than their original cost.**

The returns for the Portfolio do not reflect the deduction of expenses associated with variable products, such as mortality and expense risk charges, separate account charges, and sales charges. These expenses would reduce the overall returns shown.

Performance results reflect any applicable expense waivers in effect during the periods shown. Without such waivers, performance would be lower. Waivers may not be in effect for all portfolios. Certain fee waivers are contractual through a specified period. Otherwise, fee waivers can be rescinded at any time. See the prospectus and financial statements for more information.

## Comparing Ongoing Portfolio Expenses

As a shareowner in the Portfolio, you incur two types of costs:

(1) ongoing costs, including management fees, distribution and/or service (12b-1) fees, and other Portfolio expenses; and

(2) transaction costs, including sales charges (loads) on purchase payments.

This example is intended to help you understand your ongoing expenses (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds offered through your variable annuity contract. The example is based on an investment of $1,000 at the beginning of the Portfolio's latest six-month period and held throughout the six months.

### Using the Tables

***Actual Expenses***

The first table below provides information about actual account values and actual expenses. You may use the information in this table, together with the amount you invested, to estimate the expenses that you paid over the period as follows:

(1) Divide your account value by $1,000
Example: an $8,600 account value ÷ $1,000 = 8.6

(2) Multiply the result in (1) above by the corresponding share class's number in the third row under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

***Expenses Paid on a $1,000 Investment in Pioneer Equity Income VCT Portfolio***

Based on actual returns from July 1, 2022 through December 31, 2022.

| Share Class | I | II |
|---|---|---|
| Beginning Account Value on 7/1/22 | $1,000.00 | $1,000.00 |
| Ending Account Value (after expenses) on 12/31/22 | $1,062.00 | $1,060.70 |
| Expenses Paid During Period* | $ 4.05 | $ 5.35 |

* Expenses are equal to the Portfolio's annualized net expense ratio of 0.78% and 1.03% for Class I and Class II shares, respectively, multiplied by the average account value over the period, multiplied by 184/365 (to reflect the one-half year period).

***Hypothetical Example for Comparison Purposes***

The table below provides information about hypothetical account values and hypothetical expenses based on 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 variable annuities. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other variable annuities.

Please note that the expenses shown in the tables are meant to highlight your ongoing costs only and do not reflect any transaction costs, such as sales charges (loads) that are charged at the time of the transaction. Therefore, the table below is useful in comparing ongoing costs only and will not help you determine the relative total costs of owning different variable annuities. In addition, if these transaction costs were included, your costs would have been higher.

***Expenses Paid on a $1,000 Investment in Pioneer Equity Income VCT Portfolio***

Based on a hypothetical 5% return per year before expenses, reflecting the period from July 1, 2022 through December 31, 2022.

| Share Class | I | II |
|---|---|---|
| Beginning Account Value on 7/1/22 | $1,000.00 | $1,000.00 |
| Ending Account Value (after expenses) on 12/31/22 | $1,021.27 | $1,020.01 |
| Expenses Paid During Period* | $ 3.97 | $ 5.24 |

* Expenses are equal to the Portfolio's annualized net expense ratio of 0.78% and 1.03% for Class I and Class II shares, respectively, multiplied by the average account value over the period, multiplied by 184/365 (to reflect the one-half year period).

# Portfolio Management Discussion 12/31/22

**Call 1-800-688-9915 or visit www.amundi.com/us for the most recent month-end performance results. Current performance may be lower or higher than the performance data quoted.**

**The performance data quoted represents past performance, which is no guarantee of future results. Investment return and principal value will fluctuate, and shares, when redeemed, may be worth more or less than their original cost.**

The returns for the Portfolio do not reflect the deduction of expenses associated with variable products, such as mortality and expense risk charges, separate account charges, and sales charges. These expenses would reduce the overall returns shown.

Performance results reflect any applicable expense waivers in effect during the periods shown. Without such waivers, performance would be lower. Waivers may not be in effect for all portfolios. Certain fee waivers are contractual through a specified period. Otherwise, fee waivers can be rescinded at any time. See the prospectus and financial statements for more information.

*In the following interview, Sammi Truong and John A. Carey discusses the market environment for equities and the factors that affected the performance of Pioneer Equity Income VCT Portfolio during the 12-month period ended December 31, 2022. Mr. Carey, Managing Director, Director of Equity Income, US, and a portfolio manager at Amundi Asset Management US, Inc. (Amundi US), is responsible for the day-to-day management of the Portfolio, along with Ms. Truong, a vice president and a portfolio manager at Amundi US.*

**Q: How did the Portfolio perform over the 12-month period ended December 31, 2022?**

**A:** Pioneer Equity Income VCT Portfolio's Class I shares returned -7.76% at net asset value during the 12-month period ended December 31, 2022, and Class II shares returned -7.94%, while the Portfolio's benchmark, the Russell 1000 Value Index, returned -7.54%.

**Q: How would you describe the market for equities during the 12-month period ended December 31, 2022, particularly for the types of equities deemed appropriate for the Portfolio?**

**A:** During the period, initial investor optimism for a more widespread economic reopening as the intensity of the COVID-19 situation eased began to sour in the face of surging inflation and geopolitical concerns. Continued labor shortages, Russia's invasion of Ukraine – with subsequent economic sanctions placed on Russia – and China's strict "Zero-COVID" policy, wreaked havoc on global supply chains and contributed to the soaring inflation rate. The broad US equity market, as measured by the Standard & Poor's 500 Index (the S&P 500), experienced a sharp decline of -18.11% (on a total return basis) during the 12-month period.

In order to combat high, persistent inflation, the US Federal Reserve (Fed) raised the target range for the federal funds rate aggressively, and multiple times, as the period progressed. The target federal funds rate range rose to 4.25% – 4.50%, when including the last Fed increase in December 2022, with the potential for additional rate hikes remaining on the table.

In that environment, growth stocks, which typically have been more susceptible to increases in the Fed's discount (federal funds) rate, given the greater dependence of growth-oriented companies on future earnings growth, declined by 29.14% over the 12-month period, as measured by the Russell 1000 Growth Index. While value stocks fared better, the Portfolio's benchmark, the Russell 1000 Value Index (the Russell Index), also lost ground for the period, returning -7.54%.

As the 12-month period progressed, soaring energy prices, labor wage growth, and diminished demand combined to reduce the prospects for corporate earnings growth, and increased the market's fears of an imminent recession. In the uncertain economic environment, investors gravitated towards higher-quality names and showed a preference for dividend-paying* stocks.

* Dividends are not guaranteed.

**Q: Could you please discuss the main factors affecting the Portfolio's benchmark-relative performance during the 12-month period ended December 31, 2022, and any investments or strategies significantly helping or hurting benchmark-relative returns?**

**A:** While sector allocation results aided the Portfolio's benchmark-relative performance in the first half of the 12-month period, they detracted from relative performance in the second half. The Portfolio's overweights to the strong-performing energy and materials sectors benefited relative returns over the first six months of the period, as the war in Ukraine further disrupted supply chains and added to upward pricing pressure on oil and a number of other commodities. Unfortunately, in the second half of the period, the Portfolio's continued overweight to materials and our decision to move to an underweight position in energy, based on valuation concerns, detracted from benchmark-relative performance. While the ongoing war in Ukraine and the decision by the Organization of Petroleum Exporting Countries (OPEC) to cut production to prop-up prices caused share prices in the energy sector to move higher, materials companies lagged the Russell Index, due to emerging recessionary fears.

Overall, however, sector allocation results were a neutral factor in the Portfolio's benchmark-relative performance for the full 12-month period. In addition to the factors discussed above, underweights to the poor-performing communication services and financials sectors aided relative returns, but an overweight to the poor-performing information technology sector and an underweight to the strong-performing health care sector offset those positives.

With regard to security selection, individual stocks held in the Portfolio that were positive attributors to relative performance during the period included Marathon Petroleum (energy), Valero Energy (energy), Reliance Steel & Aluminum (materials), Eli Lilly (health care), and Cerner (health care). Marathon Petroleum and Valero Energy, both refining companies, benefited from tight global inventories of refined products and their cost advantages over European refiners, which have faced higher natural gas prices. Reliance Steel & Aluminum has benefited from its strong execution as a metals processor and distributor. Eli Lilly, meanwhile, received US Food & Drug Administration (FDA) approval for a new-generation diabetic drug during the period. The drug is also undergoing clinical trials for use as a potential obesity treatment. Cerner, a provider of information technology solutions and services for the health care industry, saw its share price rise during the 12-month period due to a takeover offer.

Portfolio positions that were negative attributors to benchmark-relative returns during the period included Gorman-Rupp (industrials), ExxonMobil (energy), Celanese (materials), Alexandria Real Estate (real estate), and Sun Life Financial (financials). Gorman-Rupp, a provider of industrial pumps, saw its profit margins pressured by rising input costs. While the Portfolio held shares of ExxonMobil, which outperformed the Russell Index for the period, the company represented an underweight position versus the benchmark, and so it had a negative effect on relative performance. Celanese, producer of acetic acid, specialty chemicals, and engineered materials, saw demand for its products soften as customers worked to normalize inventory levels. Alexandria Real Estate, a life-science properties developer and manager, saw its share price decline on concerns that increased interest rates could crimp biotech funding and, in turn, demand for its laboratory spaces. Sun Life Financial experienced better insurance sales during the period, but weaker profits in its asset-management business, driven by a lower equity market and asset outflows, hurt the company's overall performance.

**Q: Could you highlight some of the more notable changes you made to the Portfolio during the 12-month period ended December 31, 2022?**

**A:** During the 12-month period, we added 23 positions to the Portfolio and eliminated 33. We discuss some of the key additions and subtractions below. In reducing the Portfolio's weighting to the energy sector (on valuation concerns), we eliminated positions in Marathon Petroleum, Valero Energy, Schlumberger, and Baker Hughes. Marathon Petroleum and Valero Energy, as previously mentioned, are refiners, while Schlumberger and Baker Hughes provide oil equipment and services.

Facing inflation levels not seen in 40 years, consumers have worked down excess savings and have become more selective in their expenditures, and have begun to shift buying patterns away from goods and towards experiences and services, which has resulted in excess inventories for many retailers. As a result, we decided to sell the Portfolio's positions in Kohl's, VF, and Garmin, which we viewed as relatively unattractive, and initiated positions in TJX and Ralph Lauren. We believe TJX could be a beneficiary of excess market inventories and consumer trade-downs to off-price retailers. Ralph Lauren, meanwhile, has been executing on its strategies to elevate its brand and expand its product categories. We also eliminated a position in auto company Ford, due to input-cost concerns, and a position in Cedar Fair, because of its deferred initiation of a dividend after the company had suspended its dividend during the pandemic in an effort to conserve cash. Instead, we added a position in Darden Restaurants, based on our expectations for recovering foot traffic as consumers begin to gravitate towards affordable dining experiences.

In the industrials sector, we eliminated Portfolio positions in Leidos Holdings, Honeywell, and Fastenal, where we saw less potential for growth, and established positions in Raytheon Technologies, L3Harris Technologies, Deere, Eaton, and United Parcel Service (UPS). We think Raytheon and L3Harris could benefit from increased defense spending, with Raytheon also possibly benefiting from a recovery in the commercial aerospace segment. We see the potential for long-term growth for Deere, with its precision agriculture offerings, and Eaton, with its strong electrical orders and substantial backlog. Finally, we believe the market could be undervaluing UPS, and underestimating the company's ability to manage through the current slowdown in demand.

**Q: Did the Portfolio have any derivatives exposure during the 12-month period ended December 31, 2022?**

**A:** No, the Portfolio held no derivatives during the period.

**Q: What is your outlook for equities heading into 2023?**

**A:** Despite many forward-looking indicators showing that the US economy is slowing, two areas have been showing resilience: employment data and manufacturing output. We believe such resilience is likely to result in higher inflation for a longer period of time, which could cause the Fed to delay

**A Word About Risk:**

**All investments are subject to risk, including the possible loss of principal. In the past several years, financial markets have experienced increased volatility and heightened uncertainty. The market prices of securities may go up or down, sometimes rapidly or unpredictably, due to general market conditions, such as real or perceived adverse economic, political, or regulatory conditions, recessions, inflation, changes in interest or currency rates, lack of liquidity in the bond markets, the spread of infectious illness or other public health issues, armed conflict including Russia's military invasion of Ukraine, sanctions against Russia, other nations or individuals or companies and possible countermeasures, market disruptions caused by tariffs, trade disputes or other government actions, or adverse investor sentiment. These conditions may continue, recur, worsen or spread.**

Investing in foreign and/or emerging markets securities involves risks relating to interest rates, currency exchange rates, economic, and political conditions.

The Portfolio invests in REIT securities, the value of which can fall for a variety of reasons, such as declines in rental income, fluctuating interest rates, poor property management, environmental liabilities, uninsured damage, increased competition, or changes in real estate tax laws.

dialing back its interest-rate increases. As mentioned earlier, consumers have continued to draw down from their savings built up during the pandemic, and have increased the use of credit cards, which has been contributing to higher inflation. However, retail inventories are high and supply-chain pressures appear to be easing. Those factors, combined with past and expected Fed increases to the federal funds rate target range, could lead to an eventual decline in inflation. Time will tell, however, whether inflation declines fast enough to prompt the Fed to hold back on further rate increases, and so avoiding a "hard landing" for the economy remains a difficult task, in our view.

In the fourth quarter of 2022, a number of companies reported margin pressures, despite strong revenue growth. Generally, revenue growth has been strong, in no small part aided by inflation, but we also have seen more muted earnings growth. Earnings guidance, when provided by companies, has also been more conservative than has often been the case over the past couple of years. We view that as a typical development at this stage of an inflationary cycle. We believe that further Fed rate increases could pressure nominal revenue growth, with costs remaining elevated.

In a rising-rate environment, we believe that our focus on investing the Portfolio in shares of what we view as higher-quality value companies may reap rewards. Typically, in the months following the first Fed rate hikes, investors have tended to rotate from low-quality into high-quality stocks, a market trend we generally experienced during calendar 2022. Additionally, as investors have begun to focus on assets offering higher yields in a rising-rate environment, we believe dividend-paying stocks may become more attractive.

As of December 31, 2022, the Portfolio had benchmark-relative overweight exposures to the cyclical sectors that we expect to do well during an economic recovery, including consumer discretionary, industrials, information technology, and materials. The Portfolio's largest absolute sector weighting is to financials, though at a slight underweight relative to the Russell Index, primarily due to an underweight to banks.

To balance the Portfolio's cyclical positioning, given the uncertain trajectory of the economic recovery, we also have maintained exposures to the more defensive areas of the market, such as the consumer staples, real estate, and health care sectors  with a slight underweight to health care.

*Please refer to the Schedule of Investments on pages 8 to 12 for a full listing of Portfolio securities.*

*Past performance is no guarantee of future results.*

*Any information in this shareholder report regarding market or economic trends or the factors influencing the Portfolio's historical or future performance are statements of opinion as of the date of this report.*

## Schedule of Investments 12/31/22

| Shares | | Value |
|---|---|---|
| | **UNAFFILIATED ISSUERS — 99.8%** | |
| | **COMMON STOCKS — 99.2% of Net Assets** | |
| | **Aerospace & Defense — 2.1%** | |
| 2,231 | L3Harris Technologies, Inc. | $ 464,516 |
| 14,789 | Raytheon Technologies Corp. | 1,492,506 |
| | **Total Aerospace & Defense** | $ 1,957,022 |
| | **Air Freight & Logistics — 1.4%** | |
| 7,217 | CH Robinson Worldwide, Inc. | $ 660,789 |
| 3,936 | United Parcel Service, Inc., Class B | 684,234 |
| | **Total Air Freight & Logistics** | $ 1,345,023 |
| | **Auto Components — 1.2%** | |
| 29,080 | BorgWarner, Inc. | $ 1,170,470 |
| | **Total Auto Components** | $ 1,170,470 |
| | **Automobiles — 0.6%** | |
| 26,776 | Honda Motor Co., Ltd. (A.D.R.) | $ 612,099 |
| | **Total Automobiles** | $ 612,099 |
| | **Banks — 5.0%** | |
| 36,700 | Bank of America Corp. | $ 1,215,504 |
| 9,410 | JPMorgan Chase & Co. | 1,261,881 |
| 6,270 | M&T Bank Corp. | 909,526 |
| 8,894 | PNC Financial Services Group, Inc. | 1,404,718 |
| | **Total Banks** | $ 4,791,629 |
| | **Capital Markets — 8.3%** | |
| 20,730 | Bank of New York Mellon Corp. | $ 943,630 |
| 18,949 | Charles Schwab Corp. | 1,577,694 |
| 9,199 | Morgan Stanley | 782,099 |
| 12,295 | Northern Trust Corp. | 1,087,984 |
| 12,783 | Raymond James Financial, Inc. | 1,365,863 |
| 15,573 | State Street Corp. | 1,207,998 |
| 8,137 | T Rowe Price Group, Inc. | 887,421 |
| | **Total Capital Markets** | $ 7,852,689 |
| | **Chemicals — 2.1%** | |
| 2,000 | Air Products and Chemicals, Inc. | $ 616,520 |
| 8,426 | Celanese Corp. | 861,474 |
| 9,506 | Corteva, Inc. | 558,763 |
| | **Total Chemicals** | $ 2,036,757 |
| | **Commercial Services & Supplies — 0.9%** | |
| 6,163 | MSA Safety, Inc. | $ 888,643 |
| | **Total Commercial Services & Supplies** | $ 888,643 |
| | **Communications Equipment — 0.4%** | |
| 8,673 | Cisco Systems, Inc. | $ 413,182 |
| | **Total Communications Equipment** | $ 413,182 |
| | **Diversified Telecommunication Services — 2.1%** | |
| 22,879 | AT&T, Inc. | $ 421,202 |
| 11,602 | BCE, Inc. | 509,908 |
| 26,620 | Verizon Communications, Inc. | 1,048,828 |
| | **Total Diversified Telecommunication Services** | $ 1,979,938 |

 The accompanying notes are an integral part of these financial statements.

| Shares | | Value |
|---|---|---|
| | **Electric Utilities — 3.7%** | |
| 7,904 | American Electric Power Co., Inc. | $ 750,485 |
| 16,469 | Eversource Energy | 1,380,761 |
| 16,161 | NextEra Energy, Inc. | 1,351,059 |
| | **Total Electric Utilities** | $ 3,482,305 |
| | **Electrical Equipment — 1.6%** | |
| 2,554 | Eaton Corp. Plc | $ 400,850 |
| 11,775 | Emerson Electric Co. | 1,131,107 |
| | **Total Electrical Equipment** | $ 1,531,957 |
| | **Electronic Equipment, Instruments & Components — 1.2%** | |
| 4,177 | CDW Corp. | $ 745,929 |
| 9,661 | National Instruments Corp. | 356,491 |
| | **Total Electronic Equipment, Instruments & Components** | $ 1,102,420 |
| | **Equity Real Estate Investment Trusts (REITs) — 4.8%** | |
| 12,509 | Alexandria Real Estate Equities, Inc. | $ 1,822,186 |
| 8,574 | Camden Property Trust | 959,259 |
| 3,086 | Crown Castle, Inc. | 418,585 |
| 19,029 | Healthcare Realty Trust, Inc. | 366,689 |
| 9,078 | Prologis, Inc. | 1,023,363 |
| | **Total Equity Real Estate Investment Trusts (REITs)** | $ 4,590,082 |
| | **Food & Staples Retailing — 0.5%** | |
| 3,376 | Walmart, Inc. | $ 478,683 |
| | **Total Food & Staples Retailing** | $ 478,683 |
| | **Food Products — 5.9%** | |
| 15,704 | Campbell Soup Co. | $ 891,202 |
| 2,575 | Hershey Co. | 596,293 |
| 5,307 | John B Sanfilippo & Son, Inc. | 431,565 |
| 15,112 | McCormick & Co., Inc., Class VTG | 1,252,634 |
| 21,894 | Mondelez International, Inc., Class A | 1,459,235 |
| 8,272 | Nestle S.A. (A.D.R.) | 954,092 |
| | **Total Food Products** | $ 5,585,021 |
| | **Health Care Equipment & Supplies — 3.7%** | |
| 13,444 | Abbott Laboratories | $ 1,476,017 |
| 3,894 | Becton Dickinson and Co. | 990,244 |
| 4,387 | Stryker Corp. | 1,072,578 |
| | **Total Health Care Equipment & Supplies** | $ 3,538,839 |
| | **Health Care Providers & Services — 3.8%** | |
| 4,135 | AmerisourceBergen Corp. | $ 685,211 |
| 10,423 | Cardinal Health, Inc. | 801,216 |
| 13,493 | CVS Health Corp. | 1,257,413 |
| 1,597 | Humana, Inc. | 817,967 |
| | **Total Health Care Providers & Services** | $ 3,561,807 |
| | **Hotels, Restaurants & Leisure — 0.5%** | |
| 3,511 | Darden Restaurants, Inc. | $ 485,677 |
| | **Total Hotels, Restaurants & Leisure** | $ 485,677 |

## Schedule of Investments 12/31/22 (continued)

| Shares | | Value |
|---|---|---|
| | **Household Products — 1.8%** | |
| 4,090 | Clorox Co. | $ 573,949 |
| 14,434 | Colgate-Palmolive Co. | 1,137,255 |
| | **Total Household Products** | $ 1,711,204 |
| | **Insurance — 4.2%** | |
| 6,058 | Chubb, Ltd. | $ 1,336,395 |
| 15,025 | Lincoln National Corp. | 461,568 |
| 47,592 | Sun Life Financial, Inc. | 2,209,220 |
| | **Total Insurance** | $ 4,007,183 |
| | **IT Services — 2.9%** | |
| 3,676 | Automatic Data Processing, Inc. | $ 878,049 |
| 6,939 | International Business Machines Corp. | 977,636 |
| 7,500 | Paychex, Inc. | 866,700 |
| | **Total IT Services** | $ 2,722,385 |
| | **Machinery — 6.4%** | |
| 2,446 | Caterpillar, Inc. | $ 585,964 |
| 2,096 | Deere & Co. | 898,681 |
| 57,839 | Gorman-Rupp Co. | 1,481,835 |
| 6,629 | Oshkosh Corp. | 584,612 |
| 15,793 | PACCAR, Inc. | 1,563,033 |
| 13,097 | Timken Co. | 925,565 |
| | **Total Machinery** | $ 6,039,690 |
| | **Media — 3.4%** | |
| 24,384 | Fox Corp., Class A | $ 740,542 |
| 39,842 | Interpublic Group of Cos., Inc. | 1,327,137 |
| 14,001 | Omnicom Group, Inc. | 1,142,062 |
| | **Total Media** | $ 3,209,741 |
| | **Metals & Mining — 4.4%** | |
| 15,213 | Materion Corp. | $ 1,331,289 |
| 8,828 | Nucor Corp. | 1,163,619 |
| 8,236 | Reliance Steel & Aluminum Co. | 1,667,296 |
| | **Total Metals & Mining** | $ 4,162,204 |
| | **Multiline Retail — 2.0%** | |
| 3,266 | Dollar General Corp. | $ 804,252 |
| 7,038 | Target Corp. | 1,048,944 |
| | **Total Multiline Retail** | $ 1,853,196 |
| | **Multi-Utilities — 0.8%** | |
| 11,555 | CMS Energy Corp. | $ 731,778 |
| | **Total Multi-Utilities** | $ 731,778 |
| | **Oil, Gas & Consumable Fuels — 5.1%** | |
| 10,900 | Chevron Corp. | $ 1,956,441 |
| 17,691 | Exxon Mobil Corp. | 1,951,318 |
| 8,566 | Phillips 66 | 891,549 |
| | **Total Oil, Gas & Consumable Fuels** | $ 4,799,308 |
| | **Pharmaceuticals — 8.2%** | |
| 13,546 | AstraZeneca Plc (A.D.R.) | $ 918,419 |
| 2,840 | Eli Lilly & Co. | 1,038,985 |
| 8,282 | Johnson & Johnson | 1,463,015 |

 The accompanying notes are an integral part of these financial statements.

| Shares | | Value |
|---|---|---|
| | **Pharmaceuticals — (continued)** | |
| 13,745 | Novo Nordisk AS (A.D.R.) | $ 1,860,248 |
| 22,291 | Organon & Co. | 622,588 |
| 35,803 | Pfizer, Inc. | 1,834,546 |
| | **Total Pharmaceuticals** | $ 7,737,801 |
| | **Road & Rail — 1.3%** | |
| 5,031 | Norfolk Southern Corp. | $ 1,239,739 |
| | **Total Road & Rail** | $ 1,239,739 |
| | **Semiconductors & Semiconductor Equipment — 4.1%** | |
| 7,260 | Analog Devices, Inc. | $ 1,190,858 |
| 3,213 | KLA Corp. | 1,211,397 |
| 6,238 | Microchip Technology, Inc. | 438,220 |
| 6,134 | Texas Instruments, Inc. | 1,013,459 |
| | **Total Semiconductors & Semiconductor Equipment** | $ 3,853,934 |
| | **Software — 0.9%** | |
| 3,389 | Microsoft Corp. | $ 812,750 |
| | **Total Software** | $ 812,750 |
| | **Specialty Retail — 1.0%** | |
| 11,598 | TJX Cos., Inc. | $ 923,201 |
| | **Total Specialty Retail** | $ 923,201 |
| | **Textiles, Apparel & Luxury Goods — 1.0%** | |
| 7,573 | Carter's, Inc. | $ 565,022 |
| 4,115 | Ralph Lauren Corp. | 434,832 |
| | **Total Textiles, Apparel & Luxury Goods** | $ 999,854 |
| | **Trading Companies & Distributors — 1.2%** | |
| 9,131 | Ferguson Plc | $ 1,159,363 |
| | **Total Trading Companies & Distributors** | $ 1,159,363 |
| | **Water Utilities — 0.7%** | |
| 14,362 | Essential Utilities, Inc. | $ 685,498 |
| | **Total Water Utilities** | $ 685,498 |
| | **TOTAL COMMON STOCKS**<br>(Cost $68,796,624) | $94,053,072 |
| | **SHORT TERM INVESTMENTS — 0.6% of Net Assets** | |
| | **Open-End Fund — 0.6%** | |
| 536,564(a) | Dreyfus Government Cash Management,<br>Institutional Shares, 4.19% | $ 536,564 |
| | | $ 536,564 |
| | **TOTAL SHORT TERM INVESTMENTS**<br>(Cost $536,564) | $ 536,564 |
| | **TOTAL INVESTMENTS IN UNAFFILIATED ISSUERS — 99.8%**<br>(Cost $69,333,188) | $94,589,636 |
| | **OTHER ASSETS AND LIABILITIES — 0.2%** | $ 202,228 |
| | **NET ASSETS — 100.0%** | **$94,791,864** |

(A.D.R.) American Depositary Receipts.

(a) Rate periodically changes. Rate disclosed is the 7-day yield at December 31, 2022.

## Schedule of Investments 12/31/22 (continued)

Purchases and sales of securities (excluding short-term investments) for the year ended December 31, 2022, aggregated $36,862,534 and $52,374,765, respectively.

At December 31, 2022, the net unrealized appreciation on investments based on cost for federal tax purposes of $69,563,681 was as follows:

| | |
|---|---|
| Aggregate gross unrealized appreciation for all investments in which there is an excess of value over tax cost | $26,532,324 |
| Aggregate gross unrealized depreciation for all investments in which there is an excess of tax cost over value | (1,506,369) |
| Net unrealized appreciation | $25,025,955 |

Various inputs are used in determining the value of the Portfolio's investments. These inputs are summarized in the three broad levels below.

Level 1 – unadjusted quoted prices in active markets for identical securities.

Level 2 – other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risks, etc.). See Notes to Financial Statements — Note 1A.

Level 3 – significant unobservable inputs (including the Adviser's own assumptions in determining fair value of investments). See Notes to Financial Statements — Note 1A.

The following is a summary of the inputs used as of December 31, 2022, in valuing the Portfolio's investments:

| | Level 1 | Level 2 | Level 3 | Total |
|---|---|---|---|---|
| Common Stocks | $94,053,072 | $— | $— | $94,053,072 |
| Open-End Fund | 536,564 | — | — | 536,564 |
| **Total Investments in Securities** | **$94,589,636** | **$—** | **$—** | **$94,589,636** |

During the year ended December 31, 2022, there were no transfers in or out of Level 3.

## Statement of Assets and Liabilities 12/31/22

| | |
|---|---|
| **ASSETS:** | |
| Investments in unaffiliated issuers, at value (cost $69,333,188) | $94,589,636 |
| Cash | 21,049 |
| Receivables — | |
| Portfolio shares sold | 21,646 |
| Dividends | 240,574 |
| Interest | 2,830 |
| **Total assets** | **$94,875,735** |
| **LIABILITIES:** | |
| Payables — | |
| Portfolio shares repurchased | $ 20,116 |
| Trustees' fees | 221 |
| Professional fees | 43,101 |
| Printing expense | 9,802 |
| Management fees | 6,749 |
| Administrative expenses | 2,423 |
| Distribution fees | 743 |
| Accrued expenses | 716 |
| **Total liabilities** | **$ 83,871** |
| **NET ASSETS:** | |
| Paid-in capital | $63,344,450 |
| Distributable earnings | 31,447,414 |
| **Net assets** | **$94,791,864** |
| **NET ASSET VALUE PER SHARE:** | |
| No par value (unlimited number of shares authorized) | |
| Class I (based on $67,650,537/4,470,030 shares) | $ 15.13 |
| Class II (based on $27,141,327/1,756,836 shares) | $ 15.45 |

## Statement of Operations

**FOR THE YEAR ENDED 12/31/22**

| | | |
|---|---|---|
| **INVESTMENT INCOME:** | | |
| Dividends from unaffiliated issuers (net of foreign taxes withheld $38,149) | $ 2,572,150 | |
| Interest from unaffiliated issuers | 680 | |
| **Total Investment Income** | | **$ 2,572,830** |
| **EXPENSES:** | | |
| Management fees | $ 674,161 | |
| Administrative expenses | 32,450 | |
| Distribution fees | | |
| Class II | 73,684 | |
| Custodian fees | 2,417 | |
| Professional fees | 64,704 | |
| Printing expense | 23,283 | |
| Officers' and Trustees' fees | 8,160 | |
| Insurance expense | 1,018 | |
| Miscellaneous | 3,736 | |
| Total expenses | | $ 883,613 |
| Net investment income | | **$ 1,689,217** |
| **REALIZED AND UNREALIZED GAIN (LOSS) ON INVESTMENTS:** | | |
| Net realized gain (loss) on: | | |
| Investments in unaffiliated issuers | $ 6,518,379 | |
| Other assets and liabilities denominated in foreign currencies | (1,071) | $ 6,517,308 |
| Change in net unrealized appreciation (depreciation) on: | | |
| Investments in unaffiliated issuers | $(17,733,348) | |
| Other assets and liabilities denominated in foreign currencies | (7,046) | $(17,740,394) |
| Net realized and unrealized gain (loss) on investments | | **$(11,223,086)** |
| Net decrease in net assets resulting from operations | | **$ (9,533,869)** |



The accompanying notes are an integral part of these financial statements.

## Statements of Changes in Net Assets

| | Year Ended 12/31/22 | Year Ended 12/31/21 |
|---|---|---|
| **FROM OPERATIONS:** | | |
| Net investment income (loss) | $ 1,689,217 | $ 1,815,401 |
| Net realized gain (loss) on investments | 6,517,308 | 14,936,293 |
| Change in net unrealized appreciation (depreciation) on investments | (17,740,394) | 9,903,174 |
| Net increase (decrease) in net assets resulting from operations | $ (9,533,869) | $ 26,654,868 |
| **DISTRIBUTIONS TO SHAREOWNERS:** | | |
| Class I ($2.40 and $0.26 per share, respectively) | $ (10,026,418) | $ (1,252,526) |
| Class II ($2.36 and $0.22 per share, respectively) | (3,821,892) | (426,200) |
| Total distributions to shareowners | $ (13,848,310) | $ (1,678,726) |
| **FROM PORTFOLIO SHARE TRANSACTIONS:** | | |
| Net proceeds from sales of shares | $ 9,801,229 | $ 14,070,208 |
| Reinvestment of distributions | 13,848,310 | 1,678,726 |
| Cost of shares repurchased | (26,780,325) | (29,756,794) |
| Net decrease in net assets resulting from Portfolio share transactions | $ (3,130,786) | $ (14,007,860) |
| **Net increase (decrease) in net assets** | **$ (26,512,965)** | **$ 10,968,282** |
| **NET ASSETS:** | | |
| Beginning of year | $121,304,829 | $110,336,547 |
| End of year | **$ 94,791,864** | **$121,304,829** |

| | Year Ended 12/31/22 Shares | Year Ended 12/31/22 Amount | Year Ended 12/31/21 Shares | Year Ended 12/31/21 Amount |
|---|---|---|---|---|
| **Class I** | | | | |
| Shares sold | 128,852 | $ 2,047,759 | 390,444 | $ 7,032,766 |
| Reinvestment of distributions | 706,472 | 10,026,418 | 70,457 | 1,252,526 |
| Less shares repurchased | (897,603) | (14,759,856) | (802,604) | (14,249,916) |
| Net decrease | (62,279) | $ (2,685,679) | (341,703) | $ (5,964,624) |
| **Class II** | | | | |
| Shares sold | 425,966 | $ 7,753,470 | 393,381 | $ 7,037,442 |
| Reinvestment of distributions | 264,207 | 3,821,892 | 23,629 | 426,200 |
| Less shares repurchased | (685,759) | (12,020,469) | (863,747) | (15,506,878) |
| Net increase (decrease) | 4,414 | $ (445,107) | (446,737) | $ (8,043,236) |

The accompanying notes are an integral part of these financial statements.

## Financial Highlights

| | Year Ended 12/31/22 | Year Ended 12/31/21 | Year Ended 12/31/20 | Year Ended 12/31/19 | Year Ended 12/31/18 |
|---|---|---|---|---|---|
| **Class I** | | | | | |
| Net asset value, beginning of period | $ 19.21 | $ 15.51 | $ 16.65 | $ 23.41 | $ 32.49 |
| Increase (decrease) from investment operations: | | | | | |
| Net investment income (loss)(a) | 0.28 | 0.28 | 0.28 | 0.42 | 0.81 |
| Net realized and unrealized gain (loss) on investments | (1.96) | 3.68 | (0.46) | 4.45 | (2.99) |
| **Net increase (decrease) from investment operations** | **$ (1.68)** | **$ 3.96** | **$ (0.18)** | **$ 4.87** | **$ (2.18)** |
| Distributions to shareowners: | | | | | |
| Net investment income | (0.30) | (0.26) | (0.39) | (0.56) | (0.70) |
| Net realized gain | (2.10) | — | (0.57) | (11.07) | (6.20) |
| **Total distributions** | **$ (2.40)** | **$ (0.26)** | **$ (0.96)** | **$ (11.63)** | **$ (6.90)** |
| **Net increase (decrease) in net asset value** | **$ (4.08)** | **$ 3.70** | **$ (1.14)** | **$ (6.76)** | **$ (9.08)** |
| Net asset value, end of period | $ 15.13 | $ 19.21 | $ 15.51 | $ 16.65 | $ 23.41 |
| **Total return(b)** | **(7.76)%** | **25.70%** | **(0.04)%** | **25.56%** | **(8.59)%(c)** |
| Ratio of net expenses to average net assets | 0.78% | 0.80% | 0.80% | 0.79% | 0.79% |
| Ratio of net investment income (loss) to average net assets | 1.70% | 1.59% | 1.95% | 2.18% | 2.82% |
| Portfolio turnover rate | 36% | 28% | 14% | 21% | 28% |
| Net assets, end of period (in thousands) | $67,651 | $87,047 | $75,613 | $89,623 | $82,212 |

(a) The per-share data presented above is based on the average shares outstanding for the period presented.

(b) Assumes initial investment at net asset value at the beginning of each period, reinvestment of all distributions and the complete redemption of the investment at net asset value at the end of each period.

(c) If the Portfolio had not recognized gains in settlement of class action lawsuits during the year ended December 31, 2018, the total return would have been (8.63)%.

NOTE: The above financial highlights do not reflect the deduction of non-portfolio expenses associated with variable insurance products, such as mortality and expense risk charges, separate account charges, and sales charges.

| | Year Ended 12/31/22 | Year Ended 12/31/21 | Year Ended 12/31/20 | Year Ended 12/31/19 | Year Ended 12/31/18 |
|---|---|---|---|---|---|
| **Class II** | | | | | |
| Net asset value, beginning of period | $ 19.55 | $ 15.79 | $ 16.92 | $ 23.62 | $ 32.70 |
| Increase (decrease) from investment operations: | | | | | |
| Net investment income (loss)(a) | 0.24 | 0.24 | 0.25 | 0.38 | 0.50 |
| Net realized and unrealized gain (loss) on investments | (1.98) | 3.74 | (0.46) | 4.49 | (2.75) |
| **Net increase (decrease) from investment operations** | **$ (1.74)** | **$ 3.98** | **$ (0.21)** | **$ 4.87** | **$ (2.25)** |
| Distributions to shareowners: | | | | | |
| Net investment income | (0.26) | (0.22) | (0.35) | (0.50) | (0.63) |
| Net realized gain | (2.10) | — | (0.57) | (11.07) | (6.20) |
| **Total distributions** | **$ (2.36)** | **$ (0.22)** | **$ (0.92)** | **$ (11.57)** | **$ (6.83)** |
| **Net increase (decrease) in net asset value** | **$ (4.10)** | **$ 3.76** | **$ (1.13)** | **$ (6.70)** | **$ (9.08)** |
| Net asset value, end of period | $ 15.45 | $ 19.55 | $ 15.79 | $ 16.92 | $ 23.62 |
| **Total return(b)** | **(7.94)%** | **25.33%** | **(0.26)%** | **25.23%** | **(8.77)%(c)** |
| Ratio of net expenses to average net assets | 1.03% | 1.05% | 1.05% | 1.04% | 0.98% |
| Ratio of net investment income (loss) to average net assets | 1.45% | 1.35% | 1.70% | 1.93% | 1.61% |
| Portfolio turnover rate | 36% | 28% | 14% | 21% | 28% |
| Net assets, end of period (in thousands) | $27,141 | $34,258 | $34,723 | $38,908 | $33,569 |

(a) The per-share data presented above is based on the average shares outstanding for the period presented.

(b) Assumes initial investment at net asset value at the beginning of each period, reinvestment of all distributions, the complete redemption of the investment at net asset value at the end of each period and no sales charges. Total return would be reduced if sales charges were taken into account.

(c) If the Portfolio had not recognized gains in settlement of class action lawsuits during the year ended December 31, 2018, the total return would have been (8.81)%.

NOTE: The above financial highlights do not reflect the deduction of non-portfolio expenses associated with variable insurance products, such as mortality and expense risk charges, separate account charges, and sales charges.

## Notes to Financial Statements 12/31/22

### 1. Organization and Significant Accounting Policies

Pioneer Equity Income VCT Portfolio (the “Portfolio”) is one of 8 portfolios comprising Pioneer Variable Contracts Trust (the “Trust”), a Delaware statutory trust. The Portfolio is registered under the Investment Company Act of 1940, as amended (the "1940 Act") as a diversified, open-end management investment company. The investment objectives of the Portfolio are current income and long-term growth of capital from a portfolio consisting primarily of income producing equity securities of U.S. corporations.

The Portfolio offers two classes of shares designated as Class I and Class II shares. Each class of shares represents an interest in the same schedule of investments of the Portfolio and has identical rights (based on relative net asset values) to assets and liquidation proceeds. Share classes can bear different rates of class-specific fees and expenses such as transfer agent and distribution fees. Differences in class-specific fees and expenses will result in differences in net investment income and, therefore, the payment of different dividends from net investment income earned by each class. The Amended and Restated Declaration of Trust of the Trust gives the Board of Trustees the flexibility to specify either per-share voting or dollar-weighted voting when submitting matters for shareholder approval. Under per-share voting, each share of a class of the Portfolio is entitled to one vote. Under dollar-weighted voting, a shareholder’s voting power is determined not by the number of shares owned, but by the dollar value of the shares on the record date. Each share class has exclusive voting rights with respect to matters affecting only that class, including with respect to the distribution plan for that class. There is no distribution plan for Class I shares.

Portfolio shares may be purchased only by insurance companies for the purpose of funding variable annuity and variable life insurance contracts or by qualified pension and retirement plans.

Amundi Asset Management US, Inc., an indirect, wholly owned subsidiary of Amundi and Amundi’s wholly owned subsidiary, Amundi USA, Inc., serves as the Portfolio’s investment adviser (the “Adviser”). Amundi Distributor US, Inc., an affiliate of the Adviser, serves as the Portfolio’s distributor (the “Distributor”).

Effective August 19, 2022, the Portfolio is required to comply with Rule 18f-4 under the 1940 Act, which governs the use of derivatives by registered investment companies. Rule 18f-4 permits funds to enter into derivatives transactions (as defined in Rule 18f-4) and certain other transactions notwithstanding the restrictions on the issuance of “senior securities” under Section 18 of the 1940 Act. Rule 18f-4 requires a fund to establish and maintain a comprehensive derivatives risk management program, appoint a derivatives risk manager and comply with a relative or absolute limit on fund leverage risk calculated based on value-at-risk (“VaR”), unless the portfolio uses derivatives in only a limited manner (a "limited derivatives user"). The Portfolio is currently a limited derivatives user for purposes of Rule 18f-4.

The Portfolio is an investment company and follows investment company accounting and reporting guidance under U.S. Generally Accepted Accounting Principles (“U.S. GAAP”). U.S. GAAP requires the management of the Portfolio to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income, expenses and gain or loss on investments during the reporting period. Actual results could differ from those estimates.

The following is a summary of significant accounting policies followed by the Portfolio in the preparation of its financial statements:

#### A. Security Valuation

The net asset value of the Portfolio is computed once daily, on each day the New York Stock Exchange (“NYSE”) is open, as of the close of regular trading on the NYSE.

Equity securities that have traded on an exchange are valued by using the last sale price on the principal exchange where they are traded. Equity securities that have not traded on the date of valuation, or securities for which sale prices are not available, generally are valued using the mean between the last bid and asked prices or, if both last bid and asked prices are not available, at the last quoted bid price. Last sale and bid and asked prices are provided by independent third party pricing services. In the case of equity securities not traded on an exchange, prices are typically determined by independent third party pricing services using a variety of techniques and methods.

The value of foreign securities is translated into U.S. dollars based on foreign currency exchange rate quotations supplied by a third party pricing source. Trading in non-U.S. equity securities is substantially completed each day at various times prior to the close of the NYSE. The values of such securities used in computing the net asset value of the Portfolio's shares are determined as of such times. The Adviser may use a fair value model developed by an independent pricing service to value non-U.S. equity securities.

Shares of open-end registered investment companies (including money market mutual funds) are valued at such funds' net asset value.

Securities for which independent pricing services or broker-dealers are unable to supply prices or for which market prices and/or quotations are not readily available or are considered to be unreliable are valued by a fair valuation team comprised of certain personnel of the Adviser. Effective September 8, 2022, the Adviser is designated as the valuation designee for the Portfolio pursuant to Rule 2a-5 under the 1940 Act. The Adviser’s fair valuation team is responsible for monitoring developments that may impact fair valued securities.

Inputs used when applying fair value methods to value a security may include credit ratings, the financial condition of the company, current market conditions and comparable securities. The Adviser may use fair value methods if it is determined that a significant event has occurred after the close of the exchange or market on which the security trades and prior to the determination of the Portfolio's net asset value. Examples of a significant event might include political or economic news, corporate restructurings, natural disasters, terrorist activity or trading halts. Thus, the valuation of the Portfolio's securities may differ significantly from exchange prices, and such differences could be material.

### B. Investment Income and Transactions

Dividend income is recorded on the ex-dividend date, except that certain dividends from foreign securities where the ex-dividend date may have passed are recorded as soon as the Portfolio becomes aware of the ex-dividend data in the exercise of reasonable diligence.

Interest income, including interest on income-bearing cash accounts, is recorded on the accrual basis. Dividend and interest income are reported net of unrecoverable foreign taxes withheld at the applicable country rates and net of income accrued on defaulted securities.

Interest and dividend income payable by delivery of additional shares is reclassified as PIK (payment-in-kind) income upon receipt and is included in interest and dividend income, respectively.

Security transactions are recorded as of trade date. Gains and losses on sales of investments are calculated on the identified cost method for both financial reporting and federal income tax purposes.

### C. Foreign Currency Translation

The books and records of the Portfolio are maintained in U.S. dollars. Amounts denominated in foreign currencies are translated into U.S. dollars using current exchange rates.

Net realized gains and losses on foreign currency transactions, if any, represent, among other things, the net realized gains and losses on foreign currency exchange contracts, disposition of foreign currencies and the difference between the amount of income accrued and the U.S. dollars actually received. Further, the effects of changes in foreign currency exchange rates on investments are not segregated on the Statement of Operations from the effects of changes in the market prices of those securities, but are included with the net realized and unrealized gain or loss on investments.

### D. Federal Income Taxes

It is the Portfolio's policy to comply with the requirements of the Internal Revenue Code applicable to regulated investment companies and to distribute all of its net taxable income and net realized capital gains, if any, to its shareowners. Therefore, no provision for federal income taxes is required. As of December 31, 2022, the Portfolio did not accrue any interest or penalties with respect to uncertain tax positions, which, if applicable, would be recorded as an income tax expense on the Statement of Operations. Tax returns filed within the prior three years remain subject to examination by federal and state tax authorities.

The amount and character of income and capital gain distributions to shareowners are determined in accordance with federal income tax rules, which may differ from U.S. GAAP. Distributions in excess of net investment income or net realized gains are temporary over distributions for financial statement purposes resulting from differences in the recognition or classification of income or distributions for financial statement and tax purposes. Capital accounts within the financial statements are adjusted for permanent book/tax differences to reflect tax character, but are not adjusted for temporary differences.

A portion of the dividend income recorded by the Portfolio is from distributions by publicly traded Real Estate Investment Trusts ("REITs"), and such distributions for tax purposes may also consist of capital gains and return of capital. The actual return of capital and capital gains portions of such distributions will be determined by formal notifications from

## Notes to Financial Statements 12/31/22 (continued)

the REITs subsequent to the calendar year-end. Distributions received from the REITs that are determined to be a return of capital are recorded by the Portfolio as a reduction of the cost basis of the securities held and those determined to be capital gain are reflected as such on the Statement of Operations.

At December 31, 2022, the Portfolio reclassified $2,466 to increase distributable earnings and $2,466 to decrease paid-in capital to reflect permanent book/tax differences. These adjustments have no impact on net assets or the results of operations.

The tax character of distributions paid during the years ended December 31, 2022 and December 31, 2021, was as follows:

| | 2022 | 2021 |
|---|---|---|
| **Distributions paid from:** | | |
| Ordinary income | $ 1,769,733 | $1,678,726 |
| Long-term capital gains | 12,078,577 | — |
| **Total** | **$13,848,310** | **$1,678,726** |

The following shows the components of distributable earnings (losses) on a federal income tax basis at December 31, 2022:

| | 2022 |
|---|---|
| **Distributable earnings/(losses):** | |
| Undistributed ordinary income | $ 182,524 |
| Undistributed long-term capital gains | 6,238,935 |
| Net unrealized appreciation | 25,025,955 |
| **Total** | **$31,447,414** |

The difference between book-basis and tax-basis net unrealized appreciation is attributable to the tax deferral of losses on wash sales.

### E. Portfolio Shares and Class Allocations

The Portfolio records sales and repurchases of its shares as of trade date. Distribution fees for Class II shares are calculated based on the average daily net asset value attributable to Class II shares of the Portfolio (see Note 5). Class I shares do not pay distribution fees.

Income, common expenses (excluding transfer agent and distribution fees) and realized and unrealized gains and losses are calculated at the Portfolio level and allocated daily to each class of shares based on its respective percentage of the adjusted net assets at the beginning of the day.

All expenses and fees paid to the Portfolio's transfer agent for its services are allocated among the classes of shares based on the number of accounts in each class and the ratable allocation of related out-of-pocket expenses (see Note 4).

Dividends and distributions to shareowners are recorded as of the ex-dividend date. Distributions paid by the Portfolio with respect to each class of shares are calculated in the same manner and at the same time, except that net investment income dividends to Class I and Class II shares can reflect different transfer agent and distribution expense rates.

### F. Risks

The value of securities held by the Portfolio may go up or down, sometimes rapidly or unpredictably, due to general market conditions, such as real or perceived adverse economic, political or regulatory conditions, recessions, the spread of infectious illness or other public health issues, inflation, changes in interest rates, armed conflict including Russia's military invasion of Ukraine, sanctions against Russia, other nations or individuals or companies and possible countermeasures, lack of liquidity in the bond markets or adverse investor sentiment. In the past several years, financial markets have experienced increased volatility, depressed valuations, decreased liquidity and heightened uncertainty. These conditions may continue, recur, worsen or spread. Recently, inflation and interest rates have increased and may rise further. These circumstances could adversely affect the value and liquidity of the Portfolio's investments, impair the Portfolio's ability to satisfy redemption requests, and negatively impact the Portfolio's performance. Raising the ceiling on U.S. government debt has become increasingly politicized. Any failure to increase the ceiling on U.S. government debt could lead to a default on U.S. government obligations, with unpredictable consequences for economies and markets.

The global pandemic of the novel coronavirus respiratory disease designated COVID-19 has resulted in major disruption to economies and markets around the world, including the United States. Global financial markets have experienced extreme volatility and severe losses, and trading in many instruments has been disrupted. Liquidity for many instruments has been greatly reduced for periods of time. Some sectors of the economy and individual issuers have experienced particularly large losses. These circumstances may continue to affect adversely the value and liquidity of the Portfolio's investments. Following Russia's invasion of Ukraine, Russian securities have lost all, or nearly all, their market value. Other securities or markets could be similarly affected by past or future political, geopolitical or other events or conditions.

Governments and central banks, including the U.S. Federal Reserve, have taken extraordinary and unprecedented actions to support local and global economies and the financial markets. These actions have resulted in significant expansion of public debt, including in the U.S. The consequences of high public debt, including its future impact on the economy and securities markets, may not be known for some time.

The U.S. and other countries are periodically involved in disputes over trade and other matters, which may result in tariffs, investment restrictions and adverse impacts on affected companies and securities. For example, the U.S. has imposed tariffs and other trade barriers on Chinese exports, has restricted sales of certain categories of goods to China, and has established barriers to investments in China. Trade disputes may adversely affect the economies of the U.S. and its trading partners, as well as companies directly or indirectly affected and financial markets generally. If the political climate between the U.S. and China does not improve or continues to deteriorate, if China were to attempt unification of Taiwan by force, or if other geopolitical conflicts develop or get worse, economies, markets and individual securities may be severely affected both regionally and globally, and the value of the Portfolio's assets may go down.

At times, the Portfolio's investments may represent industries or industry sectors that are interrelated or have common risks, making the Portfolio more susceptible to any economic, political, or regulatory developments or other risks affecting those industries and sectors.

The Portfolio's investments in foreign markets and countries with limited developing markets may subject the Portfolio to a greater degree of risk than investments in a developed market. These risks include disruptive political or economic conditions, military conflicts and sanctions, terrorism, sustained economic downturns, financial instability, less liquid trading markets, extreme price volatility, currency risks, reduction of government or central bank support, inadequate accounting standards, tariffs, tax disputes or other tax burdens, nationalization or expropriation of assets, and the imposition of adverse governmental laws, arbitrary application of laws and regulations or lack of rule of law, and investment and repatriation restrictions. Lack of information and less market regulation also may affect the value of these securities. Withholding and other non-U.S. taxes may decrease the Portfolio's return. Non-U.S. issuers may be located in parts of the world that have historically been prone to natural disasters. Investing in depositary receipts is subject to many of the same risks as investing directly in non- U.S. issuers. Depositary receipts may involve higher expenses and may trade at a discount (or premium) to the underlying security.

Russia launched a large-scale invasion of Ukraine on February 24, 2022. In response to the military action by Russia, various countries, including the U.S., the United Kingdom, and European Union issued broad-ranging economic sanctions against Russia and Belarus and certain companies and individuals. Since then, Russian securities have lost all, or nearly all, their market value, and many other issuers, securities and markets have been adversely affected. The United States and other countries may impose sanctions on other countries, companies and individuals in light of Russia's military invasion. The extent and duration of the military action or future escalation of such hostilities, the extent and impact of existing and future sanctions, market disruptions and volatility, and the result of any diplomatic negotiations cannot be predicted. These and any related events could have a significant impact on the value and liquidity of certain Portfolio investments, on Portfolio performance and the value of an investment in the Portfolio, particularly with respect to securities and commodities, such as oil, natural gas and food commodities, as well as other sectors with exposure to Russian issuers or issuers in other countries affected by the invasion, and are likely to have collateral impacts on market sectors globally.

The Portfolio may invest in REIT securities, the value of which can fall for a variety of reasons, such as declines in rental income, fluctuating interest rates, poor property management, environmental liabilities, uninsured damage, increased competition, or changes in real estate tax laws.

With the increased use of technologies such as the Internet to conduct business, the Portfolio is susceptible to operational, information security and related risks. While the Portfolio's Adviser has established business continuity plans in the event of, and risk management systems to prevent, limit or mitigate, such cyber-attacks, there are inherent

## Notes to Financial Statements 12/31/22 (continued)

limitations in such plans and systems, including the possibility that certain risks have not been identified. Furthermore, the Portfolio cannot control the cybersecurity plans and systems put in place by service providers to the Portfolio such as the Portfolio's custodian and accounting agent, and the Portfolio's transfer agent. In addition, many beneficial owners of Portfolio shares hold them through accounts at broker-dealers, retirement platforms and other financial market participants over which neither the Portfolio nor the Adviser exercises control. Each of these may in turn rely on service providers to them, which are also subject to the risk of cyber-attacks. Cybersecurity failures or breaches at the Adviser or the Portfolio's service providers or intermediaries have the ability to cause disruptions and impact business operations, potentially resulting in financial losses, interference with the Portfolio's ability to calculate its net asset value, impediments to trading, the inability of Portfolio shareowners to effect share purchases, redemptions or exchanges or receive distributions, loss of or unauthorized access to private shareowner information and violations of applicable privacy and other laws, regulatory fines, penalties, reputational damage, or additional compliance costs. Such costs and losses may not be covered under any insurance. In addition, maintaining vigilance against cyber-attacks may involve substantial costs over time, and system enhancements may themselves be subject to cyber-attacks.

The Portfolio's prospectus contains unaudited information regarding the Portfolio's principal risks. Please refer to that document when considering the Portfolio's principal risks.

### 2. Management Agreement

The Adviser manages the Portfolio. Management fees payable under the Portfolio's Investment Management Agreement with the Adviser are calculated daily and paid monthly at the annual rate of 0.65% of the Portfolio's average daily net assets up to $1 billion and 0.60% of the Portfolio's average daily net assets over $1 billion. For the year ended December 31, 2022, the effective management fee was equivalent to 0.65% of the Portfolio's average daily net assets.

In addition, under the management and administration agreements, certain other services and costs, including accounting, regulatory reporting and insurance premiums, are paid by the Portfolio as administrative reimbursements.

### 3. Compensation of Officers and Trustees

The Portfolio pays an annual fee to its Trustees. The Adviser reimburses the Portfolio for fees paid to the Interested Trustees. Except for the chief compliance officer, the Portfolio does not pay any salary or other compensation to its officers. The Portfolio pays a portion of the chief compliance officer's compensation for his services as the Portfolio's chief compliance officer. Amundi US pays the remaining portion of the chief compliance officer's compensation. For the year ended December 31, 2022, the Portfolio paid $8,160 in Officers' and Trustees' compensation, which is reflected on the Statement of Operations as Officers' and Trustees' fees. At December 31, 2022, on its Statement of Assets and Liabilities, the Portfolio had a payable for Trustees' fees of $221 and a payable for administrative expenses of $2,423, which includes the payable for Officers' compensation.

### 4. Transfer Agent

BNY Mellon Investment Servicing (US) Inc. serves as the transfer agent to the Portfolio at negotiated rates. Transfer agent fees and payables shown on the Statement of Operations and the Statement of Assets and Liabilities, respectively, include sub-transfer agent expenses incurred through the Portfolio's omnibus relationship contracts.

### 5. Distribution Plan

The Portfolio has adopted a distribution plan (the "Plan") pursuant to Rule 12b-1 under the 1940 Act with respect to Class II shares. Pursuant to the Plan, the Portfolio pays the Distributor a distribution fee of 0.25% of the average daily net assets attributable to Class II shares to compensate the Distributor for (1) distribution services and (2) personal and account maintenance services performed and expenses incurred by the Distributor in connection with the Portfolio's Class II shares.

## Report of Independent Registered Public Accounting Firm

**To the Board of Trustees of Pioneer Variable Contracts Trust and the Shareholders of Pioneer Equity Income VCT Portfolio:**

### Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities of Pioneer Equity Income VCT Portfolio (the "Portfolio") (one of the portfolios constituting Pioneer Variable Contracts Trust (the "Trust")), including the schedule of investments, as of December 31, 2022, and the related statement of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, the financial highlights for each of the five years in the period then ended and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Pioneer Equity Income VCT Portfolio (one of the portfolios constituting Pioneer Variable Contracts Trust) at December 31, 2022, 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 then ended, and its financial highlights for each of the five years in the period then ended in conformity with U.S. generally accepted accounting principles.

### Basis for Opinion

These financial statements are the responsibility of the Trust'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 Trust 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 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. The Trust is not required to have, nor were we engaged to perform, an audit of the Trust's internal control over financial reporting. As part of our audits, we are required to obtain an understanding of internal control over financial reporting, but not for the purpose of expressing an opinion on the effectiveness of the Trust's internal control over financial reporting. Accordingly, we express no such opinion.

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 procedures included confirmation of securities owned as of December 31, 2022, by correspondence with the custodian, brokers and others; when replies were not received from brokers and others, we performed other auditing procedures. 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. We believe that our audits provide a reasonable basis for our opinion.

Ernst & Young LLP

We have served as the auditor of one or more investment companies in the Pioneer family of funds since 2017.

Boston, Massachusetts
March 1, 2023

## Additional Information (unaudited)

For the year ended December 31, 2022, certain dividends paid by the Portfolio may be subject to a maximum tax rate of 20%. The Portfolio intends to designate up to the maximum amount of such dividends allowable, as taxed at a maximum rate of 20%. Complete information will be computed and reported in conjunction with your 2022 Form 1099-DIV.

The Portfolio designated $12,078,577 as long-term capital gains distributions during the year ended December 31, 2022. Distributable long-term gains are based on net realized long-term gains determined on a tax basis and may differ from such amounts for financial reporting purposes.

The qualifying percentage of the Portfolio's ordinary income dividends for the purpose of the corporate dividends received deduction was 100.00%.

## Approval of Renewal of Investment Management Agreement

Amundi Asset Management US, Inc. ("Amundi US") serves as the investment adviser to Pioneer Equity Income VCT Portfolio (the "Portfolio") pursuant to an investment management agreement between Amundi US and the Portfolio. In order for Amundi US to remain the investment adviser of the Portfolio, the Trustees of the Portfolio, including a majority of the Portfolio's Independent Trustees, must determine annually whether to renew the investment management agreement for the Portfolio.

The contract review process began in January 2022 as the Trustees of the Portfolio agreed on, among other things, an overall approach and timeline for the process. Contract review materials were provided to the Trustees in March 2022, July 2022 and September 2022. In addition, the Trustees reviewed and discussed the Portfolio's performance at regularly scheduled meetings throughout the year, and took into account other information related to the Portfolio provided to the Trustees at regularly scheduled meetings, in connection with the review of the Portfolio's investment management agreement.

In March 2022, the Trustees, among other things, discussed the memorandum provided by Portfolio counsel that summarized the legal standards and other considerations that are relevant to the Trustees in their deliberations regarding the renewal of the investment management agreement, and reviewed and discussed the qualifications of the investment management teams for the Portfolio, as well as the level of investment by the Portfolio's portfolio managers in the Portfolio. In July 2022, the Trustees, among other things, reviewed the Portfolio's management fees and total expense ratios, the financial statements of Amundi US and its parent companies, profitability analyses provided by Amundi US, and analyses from Amundi US as to possible economies of scale. The Trustees also reviewed the profitability of the institutional business of Amundi US as compared to that of Amundi US's fund management business, and considered the differences between the fees and expenses of the Portfolio and the fees and expenses of Amundi US's institutional accounts, as well as the different services provided by Amundi US to the Portfolio and to the institutional accounts. The Trustees further considered contract review materials, including additional materials received in response to the Trustees' request, in September 2022.

At a meeting held on September 20, 2022, based on their evaluation of the information provided by Amundi US and third parties, the Trustees of the Portfolio, including the Independent Trustees voting separately advised by independent counsel, unanimously approved the renewal of the investment management agreement for another year. In approving the renewal of the investment management agreement, the Trustees considered various factors that they determined were relevant, including the factors described below. The Trustees did not identify any single factor as the controlling factor in determining to approve the renewal of the agreement.

**Nature, Extent and Quality of Services**

The Trustees considered the nature, extent and quality of the services that had been provided by Amundi US to the Portfolio, taking into account the investment objective and strategy of the Portfolio. The Trustees also reviewed Amundi US's investment approach for the Portfolio and its research process. The Trustees considered the resources of Amundi US and the personnel of Amundi US who provide investment management services to the Portfolio. They also reviewed the amount of non-Portfolio assets managed by the portfolio managers of the Portfolio. They considered the non-investment resources and personnel of Amundi US that are involved in Amundi US's services to the Portfolio, including Amundi US's compliance, risk management, and legal resources and personnel. The Trustees noted the substantial attention and high priority given by Amundi US's senior management to the Pioneer Fund complex, including with respect to the increasing regulation to which the Pioneer Funds are subject. The Trustees considered the effectiveness of Amundi US's business continuity plan in response to the ongoing COVID-19 pandemic.

The Trustees considered that Amundi US supervises and monitors the performance of the Portfolio's service providers and provides the Portfolio with personnel (including Portfolio officers) and other resources that are necessary for the Portfolio's business management and operations. The Trustees also considered that, as administrator, Amundi US is responsible for the administration of the Portfolio's business and other affairs. The Trustees considered that the Portfolio reimburses Amundi US its pro rata share of Amundi US's costs of providing administration services to the Pioneer Funds.

Based on these considerations, the Trustees concluded that the nature, extent and quality of services that had been provided by Amundi US to the Portfolio were satisfactory and consistent with the terms of the investment management agreement.

**Performance of the Portfolio**

In considering the Portfolio's performance, the Trustees regularly review and discuss throughout the year data prepared by Amundi US and information comparing the Portfolio's performance with the performance of its peer group of funds, as classified by Morningstar, Inc. (Morningstar), and with the performance of the Portfolio's benchmark index. They also discuss the Portfolio's performance with Amundi US on a regular basis. The Trustees' regular reviews and discussions were factored into the Trustees' deliberations concerning the renewal of the investment management agreement.

## Approval of Renewal of Investment Management Agreement (continued)

**Management Fee and Expenses**

The Trustees considered information showing the fees and expenses of the Portfolio in comparison to the management fees of its peer group of funds as classified by Morningstar and also to the expense ratios of a peer group of funds selected on the basis of criteria determined by the Independent Trustees for this purpose using data provided by Strategic Insight Mutual Fund Research and Consulting, LLC (Strategic Insight), an independent third party. The peer group comparisons referred to below are organized in quintiles. Each quintile represents one-fifth of the peer group. In all peer group comparisons referred to below, first quintile is most favorable to the Portfolio's shareowners. The Trustees noted that they separately review and consider the impact of the Portfolio's transfer agency and Portfolio- and Amundi US-paid expenses for sub-transfer agency and intermediary arrangements, and that the results of the most recent such review were considered in the consideration of the Portfolio's expense ratio.

The Trustees considered that the Portfolio's management fee for the most recent fiscal year was in the fourth quintile relative to the management fees paid by other funds in its Morningstar category for the comparable period. The Trustees noted Amundi US's explanation of the reasons that the Portfolio's management fee was in the fourth quintile relative to the management fees paid by other funds in its Morningstar category. The Trustees considered that the expense ratio of the Portfolio's Class I shares for the most recent fiscal year was in the fifth quintile relative to its Strategic Insight peer group for the comparable period. The Trustees noted Amundi US's explanation of the reasons that the expense ratio of the Portfolio's Class I shares was in the fifth quintile relative to its Strategic Insight peer group.

The Trustees reviewed management fees charged by Amundi US to institutional and other clients, including publicly offered European funds sponsored by Amundi US's affiliates, unaffiliated U.S. registered investment companies (in a sub-advisory capacity), and unaffiliated foreign and domestic separate accounts. The Trustees also considered Amundi US's costs in providing services to the Portfolio and Amundi US's costs in providing services to the other clients and considered the differences in management fees and profit margins for fund and non-fund services. In evaluating the fees associated with Amundi US's client accounts, the Trustees took into account the respective demands, resources and complexity associated with the Portfolio and other client accounts. The Trustees noted that, in some instances, the fee rates for those clients were lower than the management fee for the Portfolio and considered that, under the investment management and administration agreements with the Portfolio, Amundi US performs additional services for the Portfolio that it does not provide to those other clients or services that are broader in scope, including oversight of the Portfolio's other service providers and activities related to compliance and the extensive regulatory and tax regimes to which the Portfolio is subject. The Trustees also considered the entrepreneurial risks associated with Amundi US's management of the Portfolio.

The Trustees concluded that the management fee payable by the Portfolio to Amundi US was reasonable in relation to the nature and quality of the services provided by Amundi US.

**Profitability**

The Trustees considered information provided by Amundi US regarding the profitability of Amundi US with respect to the advisory services provided by Amundi US to the Portfolio, including the methodology used by Amundi US in allocating certain of its costs to the management of the Portfolio. The Trustees also considered Amundi US's profit margin in connection with the overall operation of the Portfolio. They further reviewed the financial results, including the profit margins, realized by Amundi US from non-fund businesses. The Trustees considered Amundi US's profit margins in comparison to the limited industry data available and noted that the profitability of any adviser was affected by numerous factors, including its organizational structure and method for allocating expenses. The Trustees concluded that Amundi US's profitability with respect to the management of the Portfolio was not unreasonable.

**Economies of Scale**

The Trustees considered Amundi US's views relating to economies of scale in connection with the Pioneer Funds as fund assets grow and the extent to which any such economies of scale are shared with the Portfolio and Portfolio shareholders. The Trustees recognize that economies of scale are difficult to identify and quantify, and that, among other factors that may be relevant, are the following: fee levels, expense subsidization, investment by Amundi US in research and analytical capabilities and Amundi US's commitment and resource allocation to the Portfolio. The Trustees noted that profitability also may be an indicator of the availability of any economies of scale, although profitability may vary for other reasons including due to reductions in expenses. The Trustees concluded that economies of scale, if any, were being appropriately shared with the Portfolio.

**Other Benefits**

The Trustees considered the other benefits that Amundi US enjoys from its relationship with the Portfolio. The Trustees considered the character and amount of fees paid or to be paid by the Portfolio, other than under the investment management agreement, for services provided by Amundi US and its affiliates. The Trustees further considered the revenues and profitability of Amundi US's businesses other than the fund business. To the extent applicable, the Trustees also considered the benefits to the Portfolio and to Amundi US and its affiliates from the use of "soft" commission dollars generated by the Portfolio to pay for research and brokerage services.

The Trustees considered that Amundi US is the principal U.S. asset management business of Amundi, which is one of the largest asset managers globally. Amundi's worldwide asset management business manages over $2.2 trillion in assets (including the Pioneer Funds). The Trustees considered that Amundi US's relationship with Amundi creates potential opportunities for Amundi US and Amundi that derive from Amundi US's relationships with the Portfolio, including Amundi's ability to market the services of Amundi US globally. The Trustees noted that Amundi US has access to additional research and portfolio management capabilities as a result of its relationship with Amundi and Amundi's enhanced global presence that may contribute to an increase in the resources available to Amundi US. The Trustees considered that Amundi US and the Portfolio receive reciprocal intangible benefits from the relationship, including mutual brand recognition and, for the Portfolio, direct and indirect access to the resources of a large global asset manager. The Trustees concluded that any such benefits received by Amundi US as a result of its relationship with the Portfolio were reasonable.

**Conclusion**

After consideration of the factors described above as well as other factors, the Trustees, including the Independent Trustees, concluded that the investment management agreement for the Portfolio, including the fees payable thereunder, was fair and reasonable and voted to approve the proposed renewal of the investment management agreement.

## Trustees, Officers and Service Providers

The Portfolio's Trustees and officers are listed below, together with their principal occupations and other directorships they have held during at least the past five years. Trustees who are interested persons of the Portfolios within the meaning of the 1940 Act are referred to as Interested Trustees. Trustees who are not interested persons of the Portfolio are referred to as Independent Trustees. Each of the Trustees serves as a Trustee of each of the 51 U.S. registered investment portfolios for which Amundi US serves as investment adviser (the "Pioneer Funds"). The address for all Trustees and all officers of the Portfolios is 60 State Street, Boston, Massachusetts 02109.

| Name, Age and Position Held With the Trust | Term of Office and Length of Service | Principal Occupation(s) During At Least The Past Five Years | Other Directorships Held by Trustee During At Least The Past Five Years |
|---|---|---|---|
| **Independent Trustees** | | | |
| **Thomas J. Perna (72)**<br>Chairman of the Board and Trustee | Trustee since 2006. Serves until a successor trustee is elected or earlier retirement or removal. | Private investor (2004 – 2008 and 2013 – present); Chairman (2008 – 2013) and Chief Executive Officer (2008 – 2012), Quadriserv, Inc. (technology products for securities lending industry); and Senior Executive Vice President, The Bank of New York (financial and securities services) (1986 – 2004) | Director, Broadridge Financial Solutions, Inc. (investor communications and securities processing provider for financial services industry) (2009 – present); Director, Quadriserv, Inc. (2005 – 2013); and Commissioner, New Jersey State Civil Service Commission (2011 – 2015) |
| **John E. Baumgardner, Jr. (71)***<br>Trustee | Trustee since 2019. Serves until a successor trustee is elected or earlier retirement or removal. | Of Counsel (2019 – present), Partner (1983-2018), Sullivan & Cromwell LLP (law firm). | Chairman, The Lakeville Journal Company, LLC, (privately-held community newspaper group) (2015-present) |
| **Diane Durnin (65)**<br>Trustee | Trustee since 2019. Serves until a successor trustee is elected or earlier retirement or removal. | Managing Director - Head of Product Strategy and Development, BNY Mellon Investment Management (investment management firm) (2012-2018); Vice Chairman – The Dreyfus Corporation (2005 – 2018): Executive Vice President Head of Product, BNY Mellon Investment Management (2007-2012); Executive Director- Product Strategy, Mellon Asset Management (2005-2007); Executive Vice President Head of Products, Marketing and Client Service, Dreyfus Corporation (investment management firm) (2000-2005); Senior Vice President Strategic Product and Business Development, Dreyfus Corporation (1994-2000) | None |
| **Benjamin M. Friedman (78)**<br>Trustee | Trustee since 2008. Serves until a successor trustee is elected or earlier retirement or removal. | William Joseph Maier Professor of Political Economy, Harvard University (1972 – present) | Trustee, Mellon Institutional Funds Investment Trust and Mellon Institutional Funds Master Portfolio (oversaw 17 portfolios in fund complex) (1989 - 2008) |

| Name, Age and Position Held With the Trust | Term of Office and Length of Service | Principal Occupation(s) During At Least The Past Five Years | Other Directorships Held by Trustee During At Least The Past Five Years |
|---|---|---|---|
| **Independent Trustees** *(continued)* | | | |
| **Craig C. MacKay (59)**<br>Trustee | Trustee since 2021. Serves until a successor trustee is elected or earlier retirement or removal. | Partner, England & Company, LLC (advisory firm) (2012 – present); Group Head – Leveraged Finance Distribution, Oppenheimer & Company (investment bank) (2006 – 2012); Group Head – Private Finance & High Yield Capital Markets Origination, SunTrust Robinson Humphrey (investment bank) (2003 – 2006); and Founder and Chief Executive Officer, HNY Associates, LLC (investment bank) (1996 – 2003) | Director, Equitable Holdings, Inc. (financial services holding company) (2022 – present); Board Member of Carver Bancorp, Inc. (holding company) and Carver Federal Savings Bank, NA (2017 – present); Advisory Council Member, MasterShares ETF (2016 – 2017); Advisory Council Member, The Deal (financial market information publisher) (2015 – 2016); Board Co-Chairman and Chief Executive Officer, Danis Transportation Company (privately-owned commercial carrier) (2000 – 2003); Board Member and Chief Financial Officer, Customer Access Resources (privately-owned teleservices company) (1998 – 2000); Board Member, Federation of Protestant Welfare Agencies (human services agency) (1993 – present); and Board Treasurer, Harlem Dowling Westside Center (foster care agency) (1999 – 2018) |
| **Lorraine H. Monchak (66)**<br>Trustee | Trustee since 2017. (Advisory Trustee from 2014 - 2017). Serves until a successor trustee is elected or earlier retirement or removal. | Chief Investment Officer, 1199 SEIU Funds (healthcare workers union pension funds) (2001 – present); Vice President – International Investments Group, American International Group, Inc. (insurance company) (1993 – 2001); Vice President – Corporate Finance and Treasury Group, Citibank, N.A. (1980 – 1986 and 1990 – 1993); Vice President – Asset/Liability Management Group, Federal Farm Funding Corporation (government-sponsored issuer of debt securities) (1988 – 1990); Mortgage Strategies Group, Shearson Lehman Hutton, Inc. (investment bank) (1987 – 1988); Mortgage Strategies Group, Drexel Burnham Lambert, Ltd. (investment bank) (1986 – 1987) | None |
| **Marguerite A. Piret (74)**<br>Trustee | Trustee since 1995. Serves until a successor trustee is elected or earlier retirement or removal. | Chief Financial Officer, American Ag Energy, Inc. (controlled environment and agriculture company) (2016 – present); President and Chief Executive Officer, Metric Financial Inc. (formerly known as Newbury Piret Company) (investment banking firm) (1981 – 2019) | Director of New America High Income Fund, Inc. (closed-end investment company) (2004 – present); and Member, Board of Governors, Investment Company Institute (2000 – 2006) |

## Trustees, Officers and Service Providers (continued)

| Name, Age and Position Held With the Trust | Term of Office and Length of Service | Principal Occupation(s) During At Least The Past Five Years | Other Directorships Held by Trustee During At Least The Past Five Years |
|---|---|---|---|
| **Independent Trustees** *(continued)* | | | |
| **Fred J. Ricciardi (75)**<br>Trustee | Trustee since 2014. Serves until a successor trustee is elected or earlier retirement or removal. | Private investor (2020 – present); Consultant (investment company services) (2012 – 2020); Executive Vice President, BNY Mellon (financial and investment company services) (1969 – 2012); Director, BNY International Financing Corp. (financial services) (2002 – 2012); Director, Mellon Overseas Investment Corp. (financial services) (2009 – 2012); Director, Financial Models (technology) (2005-2007); Director, BNY Hamilton Funds, Ireland (offshore investment companies) (2004-2007); Chairman/Director, AIB/BNY Securities Services, Ltd., Ireland (financial services) (1999-2006); Chairman, BNY Alternative Investment Services, Inc. (financial services) (2005-2007) | None |

* Mr. Baumgardner is Of Counsel to Sullivan & Cromwell LLP, which acts as counsel to the Independent Trustees of each Pioneer Fund.

| Name, Age and Position Held With the Trust | Term of Office and Length of Service | Principal Occupation(s) During At Least The Past Five Years | Other Directorships Held by Trustee During At Least The Past Five Years |
|---|---|---|---|
| **Interested Trustees** | | | |
| **Lisa M. Jones (60)****<br>Trustee, President and Chief Executive Officer | Trustee since 2017. Serves until a successor trustee is elected or earlier retirement or removal | Director, CEO and President of Amundi US, Inc. (investment management firm) (since September 2014); Director, CEO and President of Amundi Asset Management US, Inc. (since September 2014); Director, CEO and President of Amundi Distributor US, Inc. (since September 2014); Director, CEO and President of Amundi Asset Management US, Inc. (since September 2014); Chair, Amundi US, Inc., Amundi Distributor US, Inc. and Amundi Asset Management US, Inc. (September 2014 – 2018); Managing Director, Morgan Stanley Investment Management (investment management firm) (2010 – 2013); Director of Institutional Business, CEO of International, Eaton Vance Management (investment management firm) (2005 – 2010); Director of Amundi Holdings US, Inc. (since 2017) | Director of Clearwater Analytics (provider of web-based investment accounting software for reporting and reconciliation services) (September 2022 – present) |
| **Kenneth J. Taubes (64)****<br>Trustee | Trustee since 2014. Serves until a successor trustee is elected or earlier retirement or removal | Director and Executive Vice President (since 2008) and Chief Investment Officer, U.S. (since 2010) of Amundi US, Inc. (investment management firm); Director and Executive Vice President and Chief Investment Officer, U.S. of Amundi US (since 2008); Executive Vice President and Chief Investment Officer, U.S. of Amundi Asset Management US, Inc. (since 2009); Portfolio Manager of Amundi US (since 1999); Director of Amundi Holdings US, Inc. (since 2017) | None |

** Ms. Jones and Mr. Taubes are Interested Trustees because they are officers or directors of the Portfolio's investment adviser and certain of its affiliates.

| Name, Age and Position Held With the Trust | Term of Office and Length of Service | Principal Occupation(s) During At Least The Past Five Years | Other Directorships Held by Trustee During At Least The Past Five Years |
|---|---|---|---|
| **Trust Officers** | | | |
| **Christopher J. Kelley (58)** Secretary and Chief Legal Officer | Since 2003. Serves at the discretion of the Board | Vice President and Associate General Counsel of Amundi US since January 2008; Secretary and Chief Legal Officer of all of the Pioneer Funds since June 2010; Assistant Secretary of all of the Pioneer Funds from September 2003 to May 2010; Vice President and Senior Counsel of Amundi US from July 2002 to December 2007 | None |
| **Thomas Reyes (60)** Assistant Secretary | Since 2010. Serves at the discretion of the Board | Assistant General Counsel of Amundi US since May 2013 and Assistant Secretary of all the Pioneer Funds since June 2010; Counsel of Amundi US from June 2007 to May 2013 | None |
| **Heather L. Melito-Dezan (46)** Assistant Secretary | Since 2022. Serves at the discretion of the Board | Director - Trustee and Board Relationships of Amundi US since September 2019; Private practice from 2017 – 2019. | None |
| **Anthony J. Koenig, Jr. (59)** Treasurer and Chief Financial and Accounting Officer | Since 2021. Serves at the discretion of the Board | Managing Director, Chief Operations Officer and Fund Treasurer of Amundi US since May 2021; Treasurer of all of the Pioneer Funds since May 2021; Assistant Treasurer of all of the Pioneer Funds from January 2021 to May 2021; and Chief of Staff, US Investment Management of Amundi US from May 2008 to January 2021 | None |
| **Luis I. Presutti (57)** Assistant Treasurer | Since 2000. Serves at the discretion of the Board | Director – Fund Treasury of Amundi US since 1999; and Assistant Treasurer of all of the Pioneer Funds since 1999 | None |
| **Gary Sullivan (64)** Assistant Treasurer | Since 2002. Serves at the discretion of the Board | Senior Manager – Fund Treasury of Amundi US since 2012; and Assistant Treasurer of all of the Pioneer Funds since 2002 | None |
| **Antonio Furtado (40)** Assistant Treasurer | Since 2020. Serves at the discretion of the Board | Fund Oversight Manager – Fund Treasury of Amundi US since 2020; Assistant Treasurer of all of the Pioneer Funds since 2020; and Senior Fund Treasury Analyst from 2012 - 2020 | None |
| **Michael Melnick (51)** Assistant Treasurer | Since 2021. Serves at the discretion of the Board | Vice President - Deputy Fund Treasurer of Amundi US since May 2021; Assistant Treasurer of all of the Pioneer Funds since July 2021; Director of Regulatory Reporting of Amundi US from 2001 – 2021; and Director of Tax of Amundi US from 2000 - 2001 | None |
| **John Malone (52)** Chief Compliance Officer | Since 2018. Serves at the discretion of the Board | Managing Director, Chief Compliance Officer of Amundi US Asset Management; Amundi Asset Management US, Inc.; and the Pioneer Funds since September 2018; Chief Compliance Officer of Amundi Distributor US, Inc. since January 2014. | None |
| **Brandon Austin (50)** Anti-Money Laundering Officer | Since 2022. Serves at the discretion of the Board | Director, Financial Security – Amundi Asset Management; Anti-Money Laundering Officer of all the Pioneer Funds since March 2022: Director of Financial Security of Amundi US since July 2021; Vice President, Head of BSA, AML and OFAC, Deputy Compliance Manager, Crédit Agricole Indosuez Wealth Management (investment management firm) (2013 – 2021) | None |

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Proxy Voting Policies and Procedures of the Portfolio are available without charge, upon request, by calling our toll free number (1-800-225-6292). Information regarding how the Portfolio voted proxies relating to Portfolio securities during the most recent 12-month period ended June 30 is publicly available to shareowners at www.amundi.com/us. This information is also available on the Securities and Exchange Commission's web site at www.sec.gov.

Amundi
ASSET MANAGEMENT

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