

PGIM QUANT SOLUTIONS EMERGING MKTS ALL-CAP EQUITY FUND

EQUITY 30 SEPTEMBER 2023

The investment objective of the PGIM Quant Solutions Emerging Markets All-Cap Equity Fund (the "Fund") (Prior to 14 February 2022, the Fund was known as PGIM QMA Emerging Markets All Cap Equity) is long term capital appreciation. The Fund seeks to achieve its objective through investments in equities and equity related securities of firms listed, headquartered, domiciled or incorporated in the Emerging Markets, which are primarily listed or traded on Recognised Markets (as set out in Appendix B of the Prospectus). Please see the Company's Fund Documents as defined below for additional information.

PERFORMANCE (%)

ANNUALISED

	1-month	3-month	YTD	1-year	3-year	5 Year	Since Inception (15 December 2017)
Fund	-1.18	0.91	7.82	17.69	2.23	2.21	1.09
Benchmark	-2.54	-2.12	3.38	13.21	-0.29	1.28	—
Difference	1.36	3.03	4.44	4.48	2.52	0.93	—

ROLLING 12-MONTH PERFORMANCE (%) TO YEAR ENDED 30 SEPTEMBER

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Fund	—	—	—	—	—	-5.07	10.00	20.37	-24.58	17.69
Benchmark	—	—	—	—	—	-2.41	10.14	20.80	-27.51	13.21
Difference	—	—	—	—	—	-2.66	-0.14	-0.43	2.93	4.48

CALENDAR YEAR PERFORMANCE (%) YEAR ENDED 31 DECEMBER

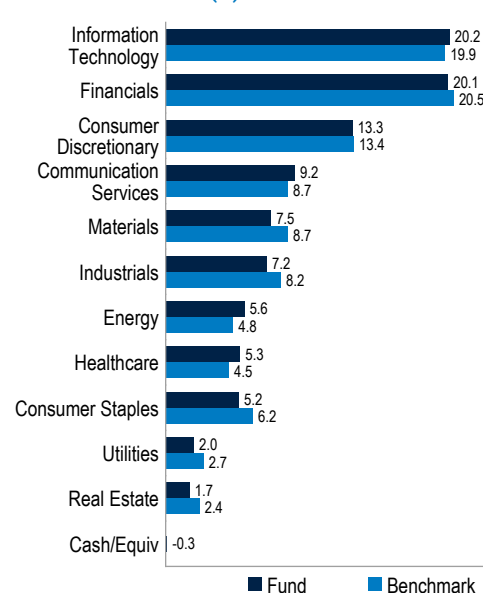
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Fund	—	—	—	—	—	-17.19	16.96	13.31	4.53	-17.33
Benchmark	—	—	—	—	—	-15.05	17.65	18.39	-0.28	-19.83
Difference	—	—	—	—	—	-2.14	-0.69	-5.09	4.81	2.50

Source: PGIM, Inc. **Past performance is no guarantee of future results.** Net returns are calculated on a Net Asset Value (NAV) to NAV basis and reflect the deduction of ongoing fees, which include the management fee. Difference represents the difference between net returns and the benchmark and may reflect rounding differences. Benchmark is MSCI EM IMI INDEX (NET) (USD). Please see Important Information for disclosures and benchmark descriptions. Fund performance is as of the last business day of the month as defined in the Fund Supplement, which may differ from the month end.

TOP 10 HOLDINGS (%)

Security	%
Taiwan Semiconductor Manufacturing	4.4
Tencent	3.5
Samsung Electronics	3.1
Mini MSCI Emerging Markets Future December 2023	3.0
Alibaba	2.9
PDD	1.4
China Construction Bank	1.3
Meituan REGS	1.2
Petroleo Brasileiro SA-PFD	1.1
NetEase	1.1
Total	23.0

SECTOR ALLOCATION (%)



Overall Morningstar Rating™ out of 2814 Global Emerging Markets Equity, as of 30 September 2023.

See MORNINGSTAR INFORMATION® on last page for more information.

FUND FEATURES

Sub-Investment Manager	PGIM Quantitative Solutions
Domicile	Ireland
Benchmark	MSCI EM IMI INDEX (NET) (USD)
Base Currency	USD
Net Assets (USD mm)	35.45
Dealing	Daily
NAV (USD)	106.50
Share Class Inception	15 December 2017
ISIN	IE00BYQ65F97
SEDOL	BYQ65F9
WKN	A2DKUU
Bloomberg	PGQEUA ID
SFDR Classification	Article 6

FUND FEES

Entry Charge	None
Exit Charge	None
Management (%)	1.50
Ongoing (%)	1.70
Switching Fee	None
Minimum Initial Investment (USD)	5 Thousand
Minimum Subsequent Investments (USD)	1 Thousand

Swing pricing, as defined in the Prospectus, may be applied on a subscription or redemption of shares to reflect the costs of dealing in the Fund's assets.

FUND CHARACTERISTICS

Number of Holdings	484
Market Cap Weighted Average USD(B)	75.7
Market Cap Weighted Average EUR(B)	71.5
Market Cap Median (\$US)	5.7
EPS Growth (3-5 yr est.)	13.03
Dividend Yield (%)	4.12
P/E Ratio (%)	8.65
P/B Ratio (%)	1.30
ROE (%)	22.08
Turnover Ratio (Latest 12-Months)	89

Source: PGIM, Inc. Totals may not equal 100% due to rounding. Portfolio holdings may not represent current, future investments or all of the portfolio's holdings. Future portfolio holdings may not be profitable. **This Fact Sheet is qualified in its entirety by reference to the more complete information contained in the Company's Prospectus, Supplement and Key Investor Information Document (the "KIID") or Key Information Document (the "KID") (collectively the "Fund Documents") which are available at: www.pgimfunds.com. Capitalised terms used herein without definition have the respective meanings provided in the Fund Documents.**



PGIM INVESTMENTS

REGIONAL ALLOCATION (%)

Region	Fund	Benchmark
Pacific Rim ex Japan	75.6	78.4
Latin America	9.2	8.7
Middle East/Africa	7.8	10.3
Europe ex UK	4.7	2.6
North America	3.0	—
Cash/Equiv	-0.3	—

Important Information

Risks

An investment in the Fund involves a high degree of risk, including the risk that the entire amount invested may be lost. The Fund is primarily designed to purchase certain investments, which will introduce significant risk to the Fund, including asset performance, price volatility, administrative risk and counterparty risk. No guarantee or representation is made that any Fund's investment program will be successful, or that such Fund's returns will exhibit low correlation with an investor's traditional securities portfolio.

The Fund may be deemed to be a speculative investment and is not intended as a complete investment program. Investment in the Fund is suitable only for persons who can bear the economic risk of the loss of their investment and who meet the conditions set forth in the Fund Documents. There can be no assurances that the Fund will achieve its investment objective. Prospective and existing Shareholders should carefully consider the risks involved in an investment in the Fund, including, but not limited to, those discussed in the Fund Documents. Prospective and existing Shareholders should consult their own legal, tax and financial advisors about the risks of an investment in the Fund. Any such risk could have a material adverse effect on the Fund and its Shareholders.

The return may increase or decrease as a result of currency fluctuations. The use of financial derivative instruments may result in increased gains or losses within the Fund.

Where an investor's own currency is different from the currency of the Fund, the return on investment may be affected by fluctuations in the currency exchange rate. The NAV of the Fund is calculated on a daily basis and published on the Fund's website at the following address: www.pgimfunds.com.

Benchmark Risk: The Fund may be subject to market or other risks inherent in the asset class or securities market represented by a benchmark. The Fund's performance relative to that benchmark may be subject to wide variation depending on market conditions, or could move closely in line with that of the benchmark over certain periods. Even if the Fund achieves an excess return above the benchmark gross of fees, if the applicable fees and expenses exceed that excess return, investors should note that net performance would be less than the benchmark due to those fees and expenses.

Currency Risk: The value of investments in the Fund that are designated in a currency other than the base currency for the Fund may rise and fall due to exchange rate fluctuations.

Custodial Risk: Assets which are traded in markets where custodial and/or settlement systems are not fully developed may be exposed to risk in circumstances where the custodian will have no liability.

Emerging Market Risk: The Fund invests in emerging markets, which may experience political, market, social, regulatory, and/or economic instabilities. These instabilities may reduce the value of the Fund's investments.

Quantitative Investing Risk: The use of quantitative investment methods present risks such as the use of flawed or incomplete underlying investment models or the risk of errors in the implementation of these models, which may result in its strategies not performing as expected.

Fund Administration

Investment Manager	PGIM, Inc.
Listing	Global Exchange Market of the Irish Stock Exchange plc
Depository	State Street Custodial Services (Ireland) Limited
Administrator	State Street Fund Services (Ireland) Limited
Auditor	PwC
Reporting	Monthly statements

Visit us at www.pgimfunds.com for more information on our investment strategies, fund documents or a free prospectus.

Annual audited financial statements

Fund Structure

- Irland based UCITS fund
- The Fund is a sub-fund of PGIM Funds plc (the "Company")
- The Company is an investment company with variable capital incorporated in Ireland with registered number 530399
- The Company is established as an umbrella fund with segregated liability between sub-funds
- The Company is managed by PGIM Investments (Ireland) Limited (the "Manager"). The Company and the Manager are each authorised in Ireland and regulated by the Central Bank of Ireland

Index Description

The MSCI EM IMI INDEX (NET) (USD) captures large, mid and small cap representation across 24 Emerging Markets (EM) countries*. With 2,675 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in each country. The MSCI information may only be used for your internal use, may not be reproduced or disseminated in any form and may not be used as a basis for or a component of any financial instruments or products or indices. None of the MSCI information is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. Historical data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. The MSCI information is provided on an "as is" basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affiliates and each other person involved in or related to compiling, computing or creating any MSCI information (collectively, the "MSCI Parties") expressly disclaims all warranties (including, without limitation, any warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall any MSCI Party have any liability for any direct, indirect, special, incidental, punitive, consequential (including, without limitation, lost profits) or any other damages (www.msci.com).

The Investment Manager may change the benchmark of the Fund from time to time to any other benchmark which the Investment Manager determines, in its sole discretion, is generally representative of the Fund's appropriate market. Shareholders will be notified in advance of any change in the benchmark of the Fund.

The financial index referenced herein as the benchmark is provided for informational purposes only. The use of benchmarks has limitations because portfolio holdings and characteristics of the Fund will differ from those of the benchmark, and such differences may be material. All indices and averages are unmanaged. You cannot make an investment directly in an index or average.

Notice

THE DISCLOSURES IN THIS DOCUMENT ARE NOT A COMPLETE LIST OF THE IMPORTANT DISCLOSURES INVOLVED IN INVESTING IN THE FUND AND IS SUBJECT TO THE MORE COMPLETE DISCLOSURES CONTAINED IN THE COMPANY'S PROSPECTUS AND SUPPLEMENT THERETO RELATED TO THE FUND, WHICH MUST BE REVIEWED CAREFULLY.

In the **United Kingdom**, information is issued by PGIM Limited with registered office: Grand Buildings, 1-3 Strand, Trafalgar Square, London, WC2N 5HR. PGIM Limited is authorised and regulated by the Financial Conduct Authority ("FCA") of the United Kingdom (Firm Reference Number 193418), and with respect to its Italian operations by the Consob and Bank of Italy.. In the **European Economic Area ("EEA")**, information may be issued by PGIM Netherlands B.V., PGIM Limited or PGIM Luxembourg S.A. depending on the jurisdiction. PGIM Netherlands B.V., with registered office at Gustav Mahlerlaan 1212, 1081 LA, Amsterdam, The Netherlands, is authorised by the Autoriteit Financiële Markten ("AFM") in the Netherlands (Registration number 15003620) and operates on the basis of a European passport. PGIM Luxembourg S.A.,

with registered office at 2, boulevard de la Foire, L-1528 Luxembourg, is authorised and regulated by the Commission de Surveillance du Secteur Financier (the "CSSF") in Luxembourg (registration number A00001218) and operating on the basis of a European passport. In certain EEA countries, information is, where permitted, presented by PGIM Limited in reliance of provisions, exemptions or licenses available to PGIM Limited under temporary permission arrangements following the exit of the United Kingdom from the European Union. In **Switzerland**, information is issued by PGIM Limited, London, through its Representative Office in Zurich with registered office: Kappelerstrasse 14, CH-8001 Zurich, Switzerland. PGIM Limited, London, Representative Office in Zurich is authorised and regulated by the Swiss Financial Market Supervisory Authority FINMA. In certain countries in **Asia-Pacific**, information is issued by PGIM (Singapore) Pte. Ltd. with registered office: 88 Market Street, #43-06 CapitaSpring, Singapore 048948. PGIM (Singapore) Pte. Ltd. is a Singapore investment manager registered with and licensed by the Monetary Authority of Singapore (License No. CMS100017) ("MAS"). In **Hong Kong**, information is issued by PGIM (Hong Kong) Limited with registered office: Units 4202-4203, 42nd Floor Gloucester Tower, The Landmark 15 Queen's Road Central Hong Kong. PGIM (Hong Kong) Limited is a corporation regulated by the Securities & Futures Commission of Hong Kong (AAH625) ("SFC") and all information in respect of funds is directed solely at professional investors as defined in Section 1 of Part 1 of Schedule 1 of the Securities and Futures Ordinance of Hong Kong ("SFO"). PGIM Limited, PGIM Netherlands B.V., PGIM Luxembourg S.A., PGIM (Singapore) Pte. Ltd. and PGIM (Hong Kong) Limited are indirect, wholly-owned subsidiaries of PGIM, Inc. ("PGIM" and the "Investment Manager"), the principal asset management business of Prudential Financial, Inc. ("PFI"), a company incorporated and with its principal place of business in the United States. PFI of the United States is not affiliated in any manner with Prudential plc, incorporated in the United Kingdom or with Prudential Assurance Company, a subsidiary of M&G plc, incorporated in the United Kingdom. PGIM, the PGIM logo and the Rock symbol are service marks of PFI and its related entities, registered in many jurisdictions worldwide. PGIM Fixed Income and PGIM Real Estate are trading names of PGIM an SEC registered investment adviser in the United States. Jennison and PGIM Quantitative Solutions are trading names of Jennison Associates LLC, and PGIM Quantitative Solutions LLC, respectively, both of which are SEC registered investment advisers and wholly owned subsidiaries of PGIM. Registration with the SEC does not imply a certain level or skill or training.

The Fund is a sub-fund of PGIM Funds plc, an investment company with variable capital incorporated with limited liability in Ireland and established as an umbrella fund with segregated liability between sub-funds pursuant to the European Communities (Undertaking for Collective Investment in Transferable Securities) Regulations, 2011, as amended.

PGIM Quantitative Solutions is a trading name of PGIM Quantitative Solutions LLC, it is an SEC registered investment adviser and a limited liability company with its principal place of business in the United States. PGIM Quantitative Solutions is a wholly-owned subsidiary of PGIM Inc., the principal asset management business of Prudential Financial, Inc. ("PFI"), a company incorporated and with its principal place of business in the United States.

In connection with an investment in the Fund, in addition to reviewing the information, you should review the Fund Documents (Prospectus, the Supplement and the KIID/KID). You should review and carefully consider these documents, especially the risk factors explained within them, and should seek advice from your legal, tax, and other relevant advisers before making any decision to subscribe for the Fund's Shares. If there is any conflict between this information and the Fund Documents, the Fund Documents shall prevail. You must rely solely on the information contained in the Fund Documents in making any decision to invest in the Fund. The Fund Documents as well as the latest annual and semi-annual report and accounts are available in English and can be obtained free of charge at PGIM Limited (at its registered office at Grand Buildings, 1-3 Strand Trafalgar Square, London, WC2N 5HR, United Kingdom or at www.pgimfunds.com) and/or PGIM Investments (Ireland) Limited (at its registered office at 2nd Floor, 5 Earlsfort Terrace, Dublin 2, Ireland or at www.pgimfunds.com) and/or PGIM Netherlands B.V. (at its registered office at Gustav Mahlerlaan 1212, 1081 LA, Amsterdam, The Netherlands or at www.pgimfunds.com) and/or PGIM Luxembourg S.A. (at its registered office at 2, boulevard de la Foire, L-1528 Luxembourg or at www.pgimfunds.com). PGIM (Singapore) Pte. Ltd. (at its registered office at 88 Market Street, #43-06, Capita Spring, Singapore 048948 or at www.pgimfunds.com) and/or PGIM (Hong Kong) Limited (at its registered office at Units 4202-4203, 42nd Floor Gloucester Tower, The Landmark 15 Queen's Road Central Hong Kong). The KIIDs/KIDs can be obtained from www.pgimfunds.com and are available in one of the official languages of each of the EU Member States into which each sub-fund has been notified for marketing under the Directive 2009/65/EC (the UCITS Directive). In addition, a summary of investor rights is available from www.pgimfunds.com. The summary is available in English, German, Norwegian, Spanish and Swedish. The sub-funds of the Company are currently notified for marketing into a number of EU Member States under the UCITS Directive. PGIM Funds plc can terminate such notifications for any share class and/or sub-fund

of the Company at any time using the process contained in Article 93a of the UCITS Directive.

This material is not suitable for distribution in the United States or to US Persons. The Fund may not be registered for public distribution in a number of jurisdictions. This material does not constitute an offer or solicitation by anyone in any jurisdiction in which such offer or solicitation is not lawful or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make such offer or solicitation. The Fund is not registered under the U.S. Securities Act of 1933, as amended, nor the U.S. Investment Company Act of 1940, as amended, and therefore the shares of the Fund generally may not be offered or sold in the United States or its territories or possession to a U.S. person, as such terms as defined in the Prospectus.

This material is confidential. Distribution of this material to any person other than the person to whom it was originally delivered and to such person's advisers is unauthorised, and any reproduction of these materials, in whole or in part, or the divulgence of any of the contents hereof, without the prior consent of PGIM Limited and/or PGIM Netherlands B.V. and/or PGIM Luxembourg S.A., PGIM (Singapore) Pte. Ltd., and/or PGIM (Hong Kong) Limited, is prohibited. The information and opinions contained herein are current as of the date of issuance and is subject to change without notice. PGIM Limited, PGIM Netherlands B.V. and/or PGIM Luxembourg S.A., PGIM (Singapore) Pte. Ltd., and/or PGIM (Hong Kong) has no obligation to update any or all of such information. **These materials do not constitute investment advice and should not be used as the basis for any investment decision and are provided for information purposes only. Past performance is not a guarantee or a reliable indicator of future results.** Notwithstanding anything to the contrary herein, the recipient may disclose to any and all persons, without limitation of any kind, the tax treatment and tax structure of the Fund and all materials of any kind (including opinions or other tax analyses) that are provided to the recipient relating to such tax treatment and tax structure.

These materials do not take into account individual client circumstances, objectives, or needs. No determination has been made regarding the suitability of any securities, financial instruments or strategies for particular clients or prospects. These materials do not purport to provide any legal, tax or accounting advice.

The investment objective is subject to revision, and there can be no assurance that the objective will be met. An investor could lose some or all of its investment in the Fund. Investments are not guaranteed by PGIM, its affiliates, or any governmental agency.

Copies of the Fund Documents are also available from the fund's paying agent, representative agent and/or facilities services as listed as follows:

Germany: <https://www.eifs.lu/PGIMFundsplc>

Luxembourg: <https://www.eifs.lu/PGIMFundsplc>

Spain: Allfunds Bank S.A, c/ Estafeta no 6 (La Moraleja), Complejo Plaza de la Fuente -Edificio 3-28109, Alcobendas -Madrid- Espana

Sweden: <https://www.eifs.lu/PGIMFundsplc>

Switzerland: State Street Bank International GmbH, Munich, Zurich Branch, Beethovenstrasse 19, Postfach, CH-8027, Zurich

Information for persons in Hong Kong: The contents of this document have not been reviewed nor endorsed by any regulatory authority in Hong Kong. Investors are advised to exercise caution in relation to the offer. If there is doubt about any of the contents of this document, investors should obtain independent professional advice.

The Fund is not authorised by the SFC in Hong Kong pursuant to section 104 of the SFO. This document has not been approved by the SFC in Hong Kong, nor has a copy been registered with the Registrar of Companies in Hong Kong. Accordingly:

a. Shares in the Fund may not be offered or sold in Hong Kong by means of this document or any other document other than to "professional investors" within the meaning of Section 1 of Part 1 of Schedule 1 to the SFO and any rules made under the SFO, or in other circumstances which do not result in this document being a "prospectus" as defined in the Companies (Winding Up and Miscellaneous Provisions) Ordinance (CWUMPO) or which do not constitute an offer or invitation to the public for the purposes of the CWUMPO or the SFO; and

b. no person may issue or possess for the purpose of issue, whether in Hong Kong or

elsewhere, any advertisement, invitation or document relating to the Shares which is directed at, or the contents of which are likely to be accessed or read by, the public in Hong Kong (except if permitted to do so in (a) above or under the laws of Hong Kong) other than with respect to Shares which are or are intended to be disposed of only to persons outside Hong Kong or only to "professional investors."

Information for persons in Singapore: The disclosures in this document are for informational purposes only, and do not constitute or form financial advice to buy shares in the Fund. This document was prepared without regard to the specific investment objectives, financial situation or particular needs of any particular person. The Fund and the offer of Shares, which are the subject of this document, do not relate to a collective investment scheme which is authorised by the ("MAS") under section 286 of Singapore's Securities and Futures Act (Cap. 289) (the "SFA") or recognised by the MAS under section 287 of the SFA, and Shares of the Fund are not allowed to be offered to the retail public.

This document (as well as any other document issued in connection with the offer or sale of such Shares) is not a prospectus as defined in the SFA, nor will it be lodged or registered as a prospectus with the MAS. Accordingly, statutory liability under the SFA in relation to the content of prospectuses does not apply, and potential investors should carefully consider whether an investment in the Shares is suitable for them. The MAS assumes no responsibility for the contents of this document (nor any other document issued in connection with the offer or sale of the Shares).

No offer of the Shares for subscription or purchase, or invitation to subscribe for or purchase the Shares, may be made, nor any document or other material relating to the Shares may be circulated or distributed, either directly or indirectly, to any person in Singapore other than: (i) to an institutional investor (as defined in section 4A of the SFA) pursuant to section 304 of the SFA; (ii) to a relevant person (as defined in section 305(5) of the SFA) pursuant to section 305(1) of the SFA; (iii) on terms that the minimum consideration is the equivalent of Singapore dollars 200,000 in accordance with section 305(2) of the SFA; or (iv) otherwise pursuant to, and in accordance with the conditions of, any other exemption under the SFA. Pursuant to section 305 of the SFA, read in conjunction with regulation 32 of and the Sixth Schedule to the Securities and Futures (Offers of Investments) (Collective Investment Schemes) Regulations 2005, the Shares have been duly entered into the list of restricted schemes maintained by the MAS for the purposes of offering the Shares to relevant persons (as defined in section 305(5) of the SFA), or, for the purposes of offering the Shares in accordance with the conditions in section 305(2) of the SFA.

Information for persons in Spain: Investments in the Fund should be made on the basis of the current Fund Documents (Prospectus, the Supplement and the KID), which are available along with the current annual and semi-annual reports free of charge. For the purposes of distribution in Spain, the Fund is registered with the official register of foreign collective investment schemes of the Spanish Securities Market Commission - Comisión Nacional del Mercado de Valores (CNMV) under registration number 1581, where complete information is available from the Fund's authorised distributors. The purchase of shares in the Funds shall be made on the basis of the Fund Documents. Prior to any purchase, investors shall receive in advance a copy of the KID in Spanish, latest published economic report and a copy of the report of the planned types of marketing in Spain (Marketing Memorandum). The Fund Documents, together with the Marketing Memorandum, is available free of charge at the registered office of the Company and the locally authorised distributors as well as at the CNMV.

Information for investors in Switzerland: The sales prospectus for Switzerland, the KID, the articles of association and the annual and semi-annual reports can be obtained free of charge from the representative and paying agent in Switzerland, State Street Bank International GmbH, Munich, Zurich Branch, Beethovenstrasse 19, CH-8027 Zurich.

Pandemic Risk: Beginning in January 2020, global financial markets have experienced and continue to experience significant volatility resulting from the spread of COVID-19. The effects of COVID-19 have and may continue to adversely affect the global economy and market liquidity, all of which may negatively impact the Fund's performance.

MORNINGSTAR INFORMATION

Morningstar measures risk-adjusted returns. The overall rating is a weighted average based on the Fund's 3-, 5-, and 10-year star rating. Source: Morningstar. Inception: 15 December 2017. Ratings 3yr 4/2814, 5yr 4/2195, 10yr N/A.

The Morningstar Rating for funds, or "star rating", is calculated for managed products (including mutual funds, variable annuity and variable life subaccounts, exchange-traded

funds, closed-end funds, and separate accounts) with at least a three-year history. Exchange-traded funds and open-ended mutual funds are considered a single population for comparative purposes. It is calculated based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The Morningstar Rating does not include any adjustments for sales loads. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its three-, five-, and 10-year (if applicable) Morningstar Rating metrics. The weights are: 100% three-year rating for 36-59 months of total returns, 60% five-year rating/40% three-year rating for 60-119 months of total returns, and 50% 10-year rating/30% five-year rating/20% three-year rating for 120 or more months of total returns. While the 10-year overall star rating formula seems to give the most weight to the 10-year period, the most recent three-year period actually has the greatest impact because it is included in all three rating periods.

©2023 Morningstar, Inc. All rights reserved. The information contained herein (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete, or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information. Past performance does not guarantee future results.