DISCLAIMER:

London Stocks Exchange Group PLC and its group undertakings (collectively, the "LSE Group"). © LSE Group 2021. FTSE Russell is a trading name of certain of the LSE Group companies "FTSE®" "Russell®", "FTSE Russell®", "MTS®", "FTSE4Good®", "ICB®", "Mergent®", The Yield Book®," are a trade mark(s) of the relevant LSE Group companies and are used by any other LSE Group company under license. All rights in the FTSE Russell indexes or data vest in the relevant LSE Group company which owns the index or the data. Neither LSE Group nor its licensors accept any liability or any errors or omissions in the indices or data and no party may rely on any indexes or data contained in this communication. No further distribution of data from the LSE Group is permitted without the relevant LSE Group company's express written consent. The LSE Group does not promote, sponsor or endorse the content in this communication."

PNC Bank NA ("PNC") products are not in any way connected to or sponsored, endorsed, sold or promoted by London Stock Exchange Group plc and its group undertakings (collectively, the LSE Group). FTSE Russell is a trading name of certain of the LSE Group companies.

All Rights in a "FTSE Russell Index" (the "Index") vest in the relevant LSE Group company with owns the Index. "FTSE®" "Russell®, "FTSE Russell®", "MTS®, "FTSE4Good®", "ICB®", "The Yield Book®", are a trade mark(s) of the relevant LSE Group company and is/are used by any other LSE Group company under license.

The Index is calculated by or on behalf of FTSE International Limited, FTSE Fixed Income, LLC, or its affiliate, agent or partner. The LSE Group does not accept any liability whatsoever to any person arising out of (a) the use of, reliance on or any error in the Index or (b) investment in or operation of the product. The LSE Group makes no claim, prediction, warranty or representation either as to the results to be obtained from the product or the suitability of the Index for the purposes to which it is being put by PNC.

Index	Name	
-------	------	--

Index Description

FTSE 3 Month U.S. Treasury Bill Index

The FTSE 3 Month U.S. Treasury Bill Index is intended to track the daily performance of 3 month U.S. Treasury bills.

FTSE All-World ex U.S. (U.S. RIC) Index

The FTSE All-World ex U.S. (U.S. RIC) Index measures the performance of large and mid cap stocks providing coverage of Developed and Emerging Markets excluding the U.S. It is derived from the FTSE Global Equity Index Series (GEIS). The index is market-capitalization weighted.

FTSE All-World ex U.S. Index

The FTSE All-World ex U.S. Index measures the performance of large and mid cap stocks providing coverage of Developed and Emerging Markets excluding the U.S. It is derived from the FTSE Global Equity Index Series (GEIS). The index is market-capitalization weighted.

<u>Index Name</u>	Index Description
FTSE Developed All Cap ex U.S. Index	The FTSE Developed All Cap ex U.S. Index comprises large, mid, and small cap stocks from developed markets excluding the U.S. The index is derived from the FTSE Global Equity Index Series (GEIS), which covers 98% of the world's investable market capitalization.
FTSE Developed Asia Pacific All Cap (U.S. RIC) Index	The FTSE Developed Asia Pacific All Cap (U.S. RIC) Index measures the performance of large, mid, and small cap companies in Australia, Hong Kong, Japan, Korea, New Zealand, and Singapore. U.S. Regulated Investment Company (RIC) reflects the tax a U.S. investor would pay, It is a series of net-of-tax total return indexes which is calculated based on dividends received following the deduction of withholding tax at the rates applicable to a U.S. RIC that benefits from double-taxation treaties. The index is derived from the FTSE Global Equity Index Series (GEIS). It is market-capitalization weighted.
FTSE Developed Europe All Cap (U.S. RIC) Index	The FTSE Developed Europe All Cap (U.S. RIC) Index measures the performance of large, mid, and small cap companies in Developed European markets, including the UK. U.S. Regulated Investment Company (RIC) reflects the tax a U.S. investor would pay. It is a series of net-of-tax total return indexes which is calculated based on dividends received following the deduction of withholding tax at the rates applicable to a U.S. RIC that benefits from double-taxation treaties. The index is derived from the FTSE Global Equity Index Series (GEIS). It is market-capitalization weighted.
FTSE Developed ex-U.S. All Cap (U.S. RIC) Index	The FTSE Developed All Cap ex-U.S. Index is a market cap weighted index of large, mid and small cap stocks from developed markets excluding the United States.
FTSE Developed Small Cap ex-U.S. Liquid Index	The FTSE Developed Small Cap ex-U.S. Liquid Index is a market cap weighted index of small cap stocks from developed markets, excluding the U.S. market with a free-float adjusted market cap above \$150 million.

Index Name	Index Description
FTSE Emerging Markets All Cap China A Inclusion (U.S. RIC) Index	The FTSE Emerging Markets All Cap China A Inclusion (U.S. RIC) Index measures the performance of large, mid and small cap China A share constituents. U.S. RIC reflects the tax a U.S. investor would pay, It is a series of net-of-tax total return indexes which is calculated based on dividends received following the deduction of withholding tax at the rates applicable to a U.S. Regulated Investment Company (RIC) that benefits from double-taxation treaties. The index is market-capitalization weighted.
FTSE Emerging Markets Index	The FTSE Emerging Markets Index measures the performance of large, mid and small cap securities listed in Advanced Emerging and Secondary Emerging countries.
FTSE Global Small Cap ex-U.S. Index	The FTSE Global Small Cap ex-U.S. Index measures the performance of small cap stocks in developed and emerging markets excluding the United States. It is derived from the FTSE Global Equity Index Series (GEIS). The index is market-capitalization weighted.
FTSE Nareit All Equity REITs Index	The FTSE Nareit All Equity REITs Index measures the performance of all tax-qualified REITs with more than 50 percent of total assets in qualifying real estate assets other than mortgages secured by real property that also meet minimum size and liquidity criteria. A REIT is a company that owns, and in most cases, operates income-producing real estate.
FTSE Nareit All REITs (FNAR) Index	The FTSE Nareit All REITs index contains all publicly traded U.S. REITs. The FTSE Nareit All REITs Index is not free float adjusted, and constituents are not required to meet minimum size, liquidity

or minimum voting right criteria.

Index Name

Index Description

FTSE Nareit Equity REITs Index

The FTSE Nareit Equity REITs Index measures the performance of REIT performance indexes that spans the commercial real estate space across the U.S. economy. It contains all Equity REITs not designated as Timber REITs or Infrastructure REITs. The index is market-capitalization weighted.

FTSE RAFI U.S. 1000 Index

The FTSE RAFI U.S. 1000 Index comprises the 1000 U.S.-listed companies with the largest RAFI fundamental scores selected from a constituent universe of all common stocks on the New York Stock Exchange American Stock Exchange (NYSE AMEX) and NASDAQ National Market System. The universe is screened for nationality, free float, liquidity and multiple line rules according to the FTSE Global Equity Index Series Ground Rules.