

Investment Performance Summary

As of 9/30/2022

Investment Mix Options	YTD	1 Month	3 Months	1 Year	3 Years	5 Years	10 Years
Domestic Equity Pool TR*	-24.87	-9.27	-4.45	-17.98	7.60	8.57	
Domestic Equity Benchmark*	-24.86	-9.27	-4.44	-17.98	7.60	8.56	11.35
S&P 500 TR USD	-23.87	-9.21	-4.88	-15.47	8.16	9.24	11.70
International Equity Pool TR*	-26.70	-10.03	-10.51	-25.14	-1.08	-0.61	
International Equity Benchmark*	-26.51	-10.15	-9.73	-25.31	-1.15	-0.63	3.55
MSCI ACWI Ex USA NR USD	-26.50	-9.99	-9.91	-25.17	-1.52	-0.81	3.01
Intermediate-Term Fixed Income Pool TR	-14.10	-4.37	-4.58	-14.37	-2.82	0.02	
Intermediate-Term Fixed Income Benchmark	-14.10	-4.39	-4.58	-14.27	-2.73	0.08	1.23
Short-Term Fixed Income Pool TR	-7.87	-2.56	-2.60	-8.32	-1.30	0.34	
Short-Term Fixed Income Benchmark	-7.73	-2.54	-2.63	-8.20	-1.14	0.46	0.94
Money Market Pool TR	0.11	0.05	0.10	0.11	0.25	0.75	0.41
USTREAS T-Bill Auction Ave 3 Mon	1.07	0.27	0.69	1.08	0.63	1.19	0.71

Individual investment options allow donors to recommend a custom allocation strategy, which can include one or more Investment Pools.

*The Domestic Equity TR, the International Equity TR, the Domestic Equity Benchmark and the International Equity Benchmark have an inception date of 6/30/19: performance prior to that date is pro-forma.

Investment Mix Options	YTD	1 Month	3 Months	1 Year	3 Years	5 Years	10 Years
Aggressive Mix TR	-21.84	-8.00	-5.42	-17.61	3.81	4.94	7.74
Aggressive Mix Benchmark	-21.93	-8.15	-5.36	-17.79	3.75	4.91	7.70
Moderately Aggressive Mix TR	-18.79	-6.77	-4.72	-15.43	2.89	4.06	6.18
Moderately Aggressive Mix Benchmark	-18.81	-6.88	-4.66	-15.52	2.88	4.08	6.13
Moderate Mix TR	-15.23	-5.34	-3.94	-12.96	1.56	2.89	4.44
Moderate Mix Benchmark	-15.16	-5.40	-3.87	-12.94	1.61	2.96	4.39
Conservative Mix TR	-11.12	-3.75	-3.08	-10.09	0.21	1.66	2.67
Conservative Mix Benchmark	-10.92	-3.74	-2.96	-9.91	0.34	1.81	2.62
Short-Term Mix TR	-5.13	-1.65	-1.65	-5.43	-0.75	0.49	0.83
Short-Term Mix Benchmark	-4.72	-1.56	-1.47	-5.03	-0.52	0.72	0.79
Risk Averse Mix TR	0.11	0.05	0.10	0.11	0.25	0.75	0.41
USTREAS T-Bill Auction Ave 3 Mon	1.07	0.27	0.69	1.08	0.63	1.19	0.71

Investment Mix options offer a simple, one-stop approach to an investment strategy that best reflects your charitable goals. Donors recommend one option, which the Community Foundation rebalances.

Returns for periods greater than 1 year are compound annual returns.
TR = Total Return

Current Investment Mix Allocations	Domestic Equity Pool	Int-l Equity Pool	Interm-Term Fixed Income Pool	Short-Term Fixed Income Pool	Money Market Pool
Aggressive	55%	22%	10%	10%	3%
Moderately Aggressive	43%	17%	10%	25%	5%
Moderate	29%	11%	15%	35%	10%
Conservative	14%	6%	18%	42%	20%
Short Term	0%	0%	0%	65%	35%
Risk Averse	0%	0%	0%	0%	100%

Estimated Investment Management Fees for the Investment Mix Options

Aggressive	0.05%
Moderately Aggressive	0.06%
Moderate	0.07%
Conservative	0.08%
Short Term	0.11%
Risk Averse	0.14%

Performance is presented net of all investment management fees, brokerage, consulting and other transaction costs but gross of Long Beach Community Foundation administrative fees.

Customer Service

If you have any questions about your fund or wish to request a change in your investment mix, please contact LBCF at (562) 435-9033 or info@longbeachcf.org.

Contact Marcelle Epley at (562) 435-9033 or marcelle@longbeachcf.org for more information on the pools, including their component funds and blended benchmarks, the Board of Directors Investment Committee, or the Investment Policy Statement.

Domestic Equity Pool

As of 9/30/2022

Trailing Returns

Domestic Equity Pool & Benchmark	YTD	Quarter	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized
Domestic Equity Pool TR	-24.87	-4.45	-17.98	7.60	8.57	
Domestic Equity Benchmark	-24.86	-4.44	-17.98	7.60	8.56	11.35
S&P 500 TR USD	-23.87	-4.88	-15.47	8.16	9.24	11.70
Russell 3000 TR USD	-24.62	-4.46	-17.63	7.70	8.62	11.39

Trailing Returns

Equity Pool Holdings & Benchmarks	YTD	Quarter	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized
Vanguard Instl Ttl Stk Mkt Idx InstlPls	-24.87	-4.45	-17.98	7.61	8.58	11.38
CRSP US Total Market TR USD	-24.86	-4.44	-17.98	7.60	8.56	11.35

Purpose

The purpose of the Domestic Equity Pool is to facilitate the funding of current and future charitable needs of participating charitable funds and organizations. The long term investment objective of the Equity Pool is to obtain broad equity market exposure utilizing a passive, cost effective approach that is diversified across market capitalizations and regions. A secondary objective is to provide cash flows to fund distributions and to preserve the purchasing power of the funds to meet charitable needs now and in the future.

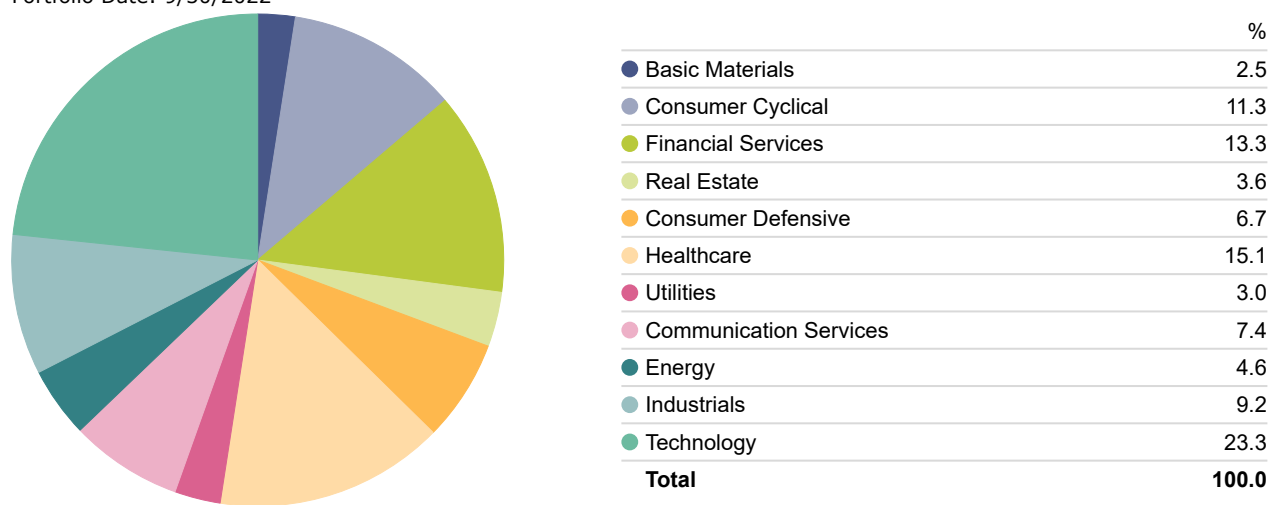
Top Holdings - Domestic Equity Pool

Portfolio Date: 9/30/2022

Total Market Value: \$434,625,066	Market Value (mil)	Portfolio Weighting %
Vanguard Instl Ttl Stk Mkt Idx InstlPls	\$ 434.6	100%

Equity Sectors (Morningstar) - Domestic Equity Pool

Portfolio Date: 9/30/2022



Equity Benchmark	Current
CRSP US Total Stock Market	100%

Source: Morningstar Direct

Top Stock Holdings

1. Apple Inc.
2. Microsoft Corp
3. Amazon.com Inc.
4. Tesla
5. Alphabet Inc Class A
6. Alphabet Inc Class C
7. UnitedHealth Group Inc
8. Berkshire Hathaway Inc Class B
9. Johnson & Johnson
10. Exxon Mobil Corp

Trailing Twelve Month Dividend Yield: 2.0%

Performance is presented gross of administrative fees but net of all investment management fees, brokerage, consulting and other transaction costs.

Estimated Pool Investment Management Fee: .03%

International Equity Pool

As of 9/30/2022

Trailing Returns

Equity Pool & Benchmark	YTD	Quarter	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized
International Equity Pool TR	-26.70	-10.51	-25.14	-1.08	-0.61	
International Equity Benchmark	-26.51	-9.73	-25.31	-1.15	-0.63	3.55
FTSE Global All Cap ex US TR USD	-26.28	-9.59	-24.95	-0.64	-0.21	3.70

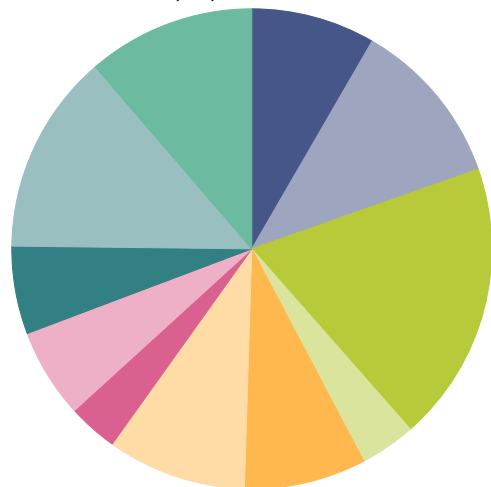
Performance for the International Equity Pool prior to 06/30/2019 is pro-forma based on the experience of the previous Equity Pool

Trailing Returns

International Equity Pool Holding & Benchmark	YTD	Quarter	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized
Vanguard Developed Markets Index Instl	-27.70	-10.49	-25.54	-1.26	-0.62	4.05
FTSE Developed ex US All Cap NR USD	-27.53	-9.62	-25.70	-1.27	-0.71	
Vanguard Emerging Mkts Stock Idx Instl	-23.98	-10.73	-24.29	-0.52	-0.68	1.46
FTSE Emerging NR USD	-23.75	-10.28	-24.53	-0.72	-0.51	1.71

Equity Sectors (Morningstar) - International Equity Pool

Portfolio Date: 9/30/2022



	%
Basic Materials	8.4
Consumer Cyclical	11.2
Financial Services	18.9
Real Estate	3.8
Consumer Defensive	8.2
Healthcare	9.4
Utilities	3.4
Communication Services	6.0
Energy	5.9
Industrials	13.5
Technology	11.3
Total	100.0

International Equity Benchmark	Current
FTSE Developed ex US All Cap	82%
FTSE Emerging Markets	18%

Source: Morningstar Direct

Purpose

The purpose of the International Equity Pool is to facilitate the funding of current and future charitable needs of participating charitable funds and organizations. The long term investment objective of the International Equity Pool is to obtain broad international equity market exposure utilizing a passive, cost effective approach that is diversified across market capitalizations and regions. A secondary objective is to provide cash flows to fund distributions and to preserve the purchasing power of the funds to meet charitable needs now and in the future.

Top Holdings - International Equity Pool

Portfolio Date: 9/30/2022

Total Market Value: \$153,881,016	Market Value (mil)	Portfolio Weighting %
Vanguard Developed Markets Index Ins Pls	\$ 115.1	75%
Vanguard Emerging Mkts Stock Idx Instl	\$ 38.8	25%

Top Stock Holdings

1. Nestle SA
2. Taiwan Semiconductor Manufacturing Co Ltd
3. Tencent Holdings Ltd
4. Roche Holding AG
5. Samsung Electronics Co Ltd
6. Shell PLC
7. ASML Holding NV
8. AstraZeneca PIC
9. Toyota Motor Corp
10. Novartis AG

Trailing Twelve Month Dividend Yield: 3.53%

Performance is presented gross of administrative fees but net of all investment management fees, brokerage, consulting and other transaction costs.

Estimated Pool Investment Management Fee: .06%

Intermediate-Term Fixed Income Pool

As of 9/30/2022

Trailing Returns

Int-Term Fixed Income Pool & Blended Benchmark	Year to Date	Quarter	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized
Intermediate-Term Fixed Income Pool TR	-14.10	-4.58	-14.37	-2.82	0.02	
Intermediate-Term Fixed Income Benchmark	-14.10	-4.58	-14.27	-2.73	0.08	1.23

Purpose

The purpose of the Intermediate-Term Fixed Income Pool is to provide capital preservation and current income to help meet spending requirements of donor portfolios. The Pool will utilize a passive, cost effective approach with a secondary objective to provide broad exposure to U.S. income markets. The Pool is diversified across U.S. Treasuries notes and bonds, corporate bonds, bank loans, mortgaged-backed securities and U.S. Treasury Inflation-Protected Securities. The average effective duration and interest rate risk of the Pool will be commensurate with broad fixed income benchmarks such as the Barclays U.S. Aggregate Bond Index.

Trailing Returns

Int-Term Fix. Income Pool Holdings & Benchmarks	Year to Date	Quarter	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized
Vanguard Interm-Term Bond Index I	-14.85	-4.77	-15.23	-3.01	0.11	1.22
Bloomberg US 5-10 GovCredit FIAdj TR USD	-14.99	-4.79	-15.24	-3.00	0.11	1.26
Vanguard Mortgage-Backed Secs Idx Instl	-13.61	-5.21	-14.03	-3.78	-1.06	
Bloomberg US MBS TR USD	-13.66	-5.35	-13.98	-3.67	-0.92	0.51
Vanguard Shrt-Term Infl-Prot Sec Idx Ins	-4.02	-2.64	-2.94	2.35	2.31	
Bloomberg US TIPS 0-5 Year TR USD	-3.98	-2.62	-2.86	2.44	2.35	1.28
Xtrackers USD High Yield Corp Bd ETF	-14.63	-0.90	-14.08	-1.52	0.84	
Solactive USD HY Corp Total Mkt TR USD	-14.57	-0.85	-14.03	-1.29	1.05	3.29

Intermediate-Term Fixed Income Pool Holdings

Portfolio Date: 9/30/2022

Total Market Value	Market Value (mil)	Portfolio Weight %
\$121,098,572		
Vanguard Interm-Term Bond Index Ins Plus	\$ 84.8	70%
Vanguard Mortgage-Backed Secs Idx Instl	\$ 24.3	20%
Vanguard Shrt-Term Infl-Prot Sec Idx Ins	\$ 6.1	5%
Xtrackers USD High Yield Corp Bd ETF	\$ 5.9	5%

Int.-Term Fixed Income Benchmark Weights

Int.-Term Fixed Income Benchmark Weights	Percent	Inception Date: January 1, 2014
Barclays US 5-10Y Gov/Credit FIAdj TR USD	70%	Performance is presented gross of administrative fees but net of all investment management fees, brokerage, consulting and other transactions costs.
Barclays US MBS Float Adjusted TR USD	20%	
Solactive USD HY Corp Total Mkt TR USD	5%	Estimated Pool Investment
Barclays U.S. Treasury TIPS 0-5Y TR USD	5%	Management Fee: 0.06%

Fixed Income Pool Statistics

Average Yield to Maturity	4.84%
Average Effective Duration	6.23 years
Trailing Twelve Month Yield	2.59%

Short-Term Fixed Income Pool

As of 9/30/2022

Trailing Returns

Short-Term Fix. Inc. Pool & Blended Benchmark	Year To Date	Quarter	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized
Short-Term Fixed Income Pool TR	-7.87	-2.60	-8.32	-1.30	0.34	
Short-Term Fixed Income Benchmark	-7.73	-2.63	-8.20	-1.14	0.46	0.94

Purpose

The purpose of the Short-Term Fixed Income Pool is to provide capital preservation and current income to help meet spending requirements of donor portfolios. The Pool will utilize a passive, cost effective approach with a secondary objective to provide broad exposure to U.S. income markets. The Pool is diversified across U.S. Treasury notes and bonds, corporate bonds, bank loans, mortgaged-backed securities and U.S. Treasury Inflation-Protected Securities. The Pool will have a lower average effective duration than broad fixed income market benchmarks such as the Barclays U.S. Aggregate Bond Index, hence limiting overall interest rate risk.

Trailing Returns

Short-Term Fix. Inc. Pool Holdings & Benchmarks	Year to Date	Quarter	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized
Vanguard Short-Term Bond Idx I	-6.52	-2.11	-7.24	-0.94	0.52	0.82
Bloomberg US 1-5Y GovCredit FIAdj TR USD	-6.62	-2.16	-7.29	-0.90	0.55	0.88
Vanguard Mortgage-Backed Secs Idx Instl	-13.61	-5.21	-14.03	-3.78	-1.06	
Bloomberg US MBS Float Adjusted TR USD	-13.35	-5.29	-13.69	-3.57	-0.89	0.51
Vanguard Shrt-Term Infl-Prot Sec Idx Ins	-4.02	-2.64	-2.94	2.35	2.31	
Bloomberg US TIPS 0-5 Year TR USD	-3.98	-2.62	-2.86	2.44	2.35	1.28
Invesco Senior Loan ETF	-4.80	1.09	-4.54	0.20	1.47	2.10
Morningstar LSTA US LL100 TR USD	-4.26	1.29	-3.92	1.39	2.50	2.97

Short-Term Fixed Income Pool Holdings

Portfolio Date: 9/30/2022

	Market Value (mil)	Portfolio Weight %
Total Market Value: \$284,023,390		
Vanguard Short-Term Bond Idx InstlPIs	\$ 198.8	70%
Vanguard Mortgage-Backed Secs Idx Instl	\$ 56.9	20%
Vanguard Shrt-Term Infl-Prot Sec Idx Ins	\$ 14.3	5%
Invesco Senior Loan ETF	\$ 14.0	5%

Short-Term Fixed Income Benchmark Weights

	Percent
Barclays US 1-5Y GovCredit FIAdj TR USD	70%
Barclays US MBS Float Adjusted TR US	20%
Barclays U.S. Treasury TIPS 0-5Y TR USD	5%
S&P/LSTA U.S. Leveraged Loan 100 TR USD	5%

Inception Date: January 1, 2014

Performance is presented gross of administrative fees but net of all investment management fees, brokerage, consulting and other transactions costs.

Estimated Pool Investment Management Fee: 0.09%

Fixed Income Pool Statistics

Average Yield to Maturity	4.72%
Average Effective Duration	3.45 years
Trailing Twelve Month Yield	1.81%

Money Market Pool

As of 9/30/2022

Purpose

The purpose of the Money Market Pool is to provide liquidity for participating charitable funds and organizations in funding grant making and payment of fees and administrative costs while providing desired principal stability. The long term investment objective of the Money Market Pool is to seek a competitive market return to preserve and grow the portfolio, provide cash flows to meet charitable needs now and those in the future. As such, the Money Market Pool is highly liquid, which enables donors to access funds for grants in a timely manner. The Money Market Pool invests in bank deposits and obligations of the United States government and its agencies.

Money Market Trailing Returns

Time Period	Money Market Pool	90 Day Treasury Bills
Year to Date	0.11%	1.07%
3 Months	0.10%	0.69%
1 Year	0.11%	1.08%
3 Years	0.25%	0.63%
5 Years	0.75%	1.19%
10 Years	0.41%	0.71%

*Performance periods greater than 12 months are annualized.
Performance is net of investment management fees but not the
Foundation's administrative fees.*

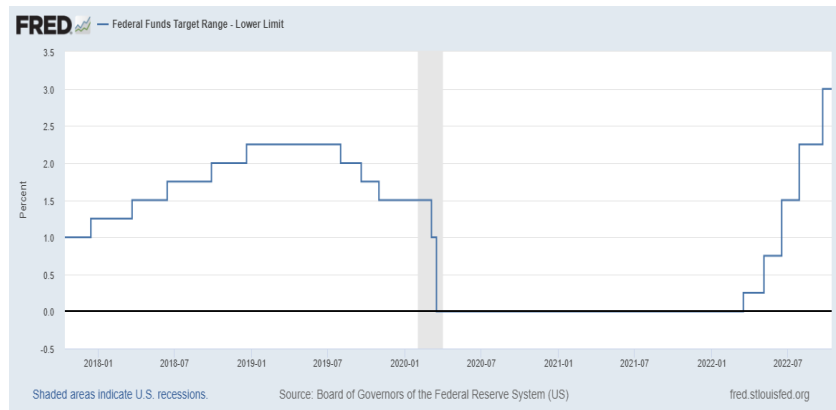
Current Month Return Annualized: 0.64

Investment Commentary

September 30, 2022

The U.S. economy appears to be in the strange part of the economic cycle where good news is bad news. The September jobs numbers were recently released and were better than expected. Shortly after the news was released, the domestic stock market tanked. People often confuse the market reaction and believe the stock market is rooting for people to lose their jobs. However, this is not necessarily the case. The market is concerned about the second-order effects of a strong job market due to more interest rate hikes. The Federal Reserve (the Fed) has hiked the Federal Funds Rate from 0.08% to 3.0% in just eight months.

The Fed's current focus is getting inflation down, but the Fed has limited tools. They believe their primary tool for tightening the economy is raising the Federal Funds Rate. The expectation is a higher rate will return price stability and reduce recent rapid wage gains, which fuel inflation. When the jobs data came in better than expected, the market declined due to the expectation that the Fed would have to continue the rapid pace of rate increases.



Across the pond, all eyes are on the United Kingdom pension system. The new Prime Minister, Liz Truss, recently proposed reducing taxes and subsidizing energy costs. These two plans result in less money for taxes and increased government payments. Individually these plans would be considered inflationary; combining them caused rate expectations to fly. As soon as this plan was released, market expectations for Bank of England (BOE) interest rates skyrocketed. These expectations were priced into the bond market, and

U.K. Treasury (Gilts) yields spiked.

For 30 years, interest rates have been in decline around the world. When interest rates go down, pension liabilities go up, meaning the amount of money the pension needs to pay the beneficiaries increases. After 30 years of declining rates, Wall Street found a clever way to “hedge” this increasing liability. Years ago, U.K. pensions started buying “Liability-Driven Investments (LDI). Essentially, they use leverage to hedge the increased liabilities when interest rates go down. But what happens when interest rates surprise the market to the upside?

When interests went sky-high after the proposed tax cuts and energy subsidies, U.K. pension funds got a margin call. The bank on the other side of the trade called and said they were owed a lot of money. The pension funds did not have large cash allocations, and this caused liquidity to dry up. The BOE had to step in as a buyer of last resort and stabilize the markets. So far, everything is working, and the UK markets are stable.

As we enter the 4th quarter, markets are fixated on interest rates domestically and abroad. Will the job market stay strong and inflation readings remain hot, forcing the Fed to continue to hike rates at the furious pace seen through the 2nd and 3rd quarters? Will the BOE be able to remove themselves as the backstop? Will Gilt yields stabilize or decline? Market pundits believe positive outcomes in these situations could catalyze improved market returns. And adverse outcomes will continue to put pressure on equity and fixed-income prices.

The Domestic Equity Pool declined -9.27% in September. The domestic equity market has declined in seven of the nine months this year. The September return brings the year-to-date return to -24.87%. The International Equity Pool also significantly declined in September; the pool return was -10.03% for the month. The September return brings the yearly return to -26.70%.

The 10-Year Treasury Yield continued its upward trajectory; the yield at the start of the month was 3.2% and closed at 3.8%. This continuation of rising interest rates put downward pressure on bond prices. The Intermediate-Term Fixed Income Pool declined -4.37% for September; the year-to-date return now sits at -14.09%. Due to the shorter duration of the Short-Term Fixed Income Pool, it declined by -2.56%, and -7.87% year-to-date.