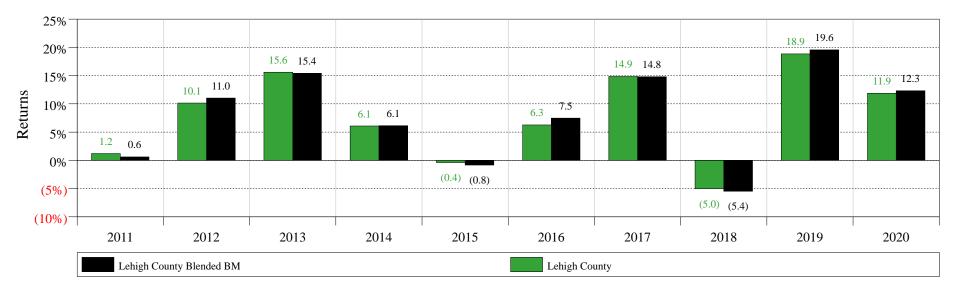
Lehigh County Retirement Fund Net Portfolio Performance

	Ending Weight	Returns	Beginning Market Value	Ending Market Value
Domestic Equity	41.6%	15.69%	\$216,561,793	\$245,549,423
International Equity	18.0%	16.30%	\$91,217,727	\$106,104,457
Domestic Fixed Income	20.4%	1.00%	\$112,992,342	\$120,141,696
Alternative	16.2%	5.24%	\$88,045,742	\$95,514,662
Cash & Equivalents	3.8%	0.19%	\$19,815,213	\$22,613,280
Total Portfolio	100.0%	10.29%	\$528,632,817	\$589,923,517
Lehigh County Blended BM		10.86%		

Net Performance for 1 Quarter Ending December 31, 2020

Calendar Year Net of Fee Returns





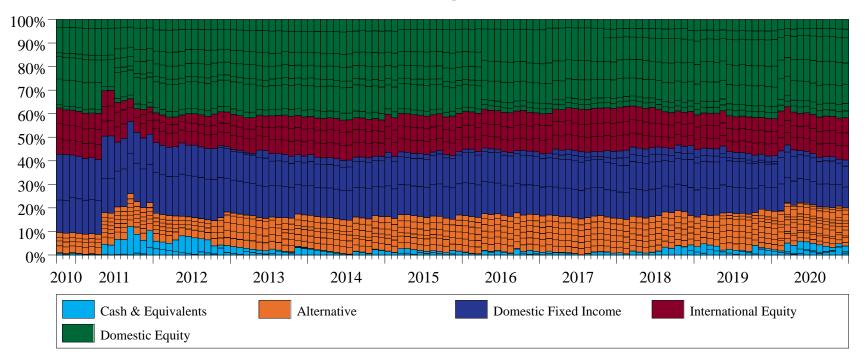
Lehigh County Retirement Fund Asset Allocation

1 Quarter Ending December 31, 2020

	Beginning	Ending	IPS Tgt	
	Weight	Weight	Weight	Deviation
Domestic Equity	41.0%	41.6%	35.0%	6.6%
International Equity	17.3%	18.0%	15.0%	3.0%
Domestic Fixed Income	21.4%	20.4%	35.0%	(14.6%)
Alternative	16.7%	16.2%	10.0%	6.2%
Cash & Equivalents	3.7%	3.8%	5.0%	(1.2%)
Total Portfolio	100.0%	100.0%	100.0%	

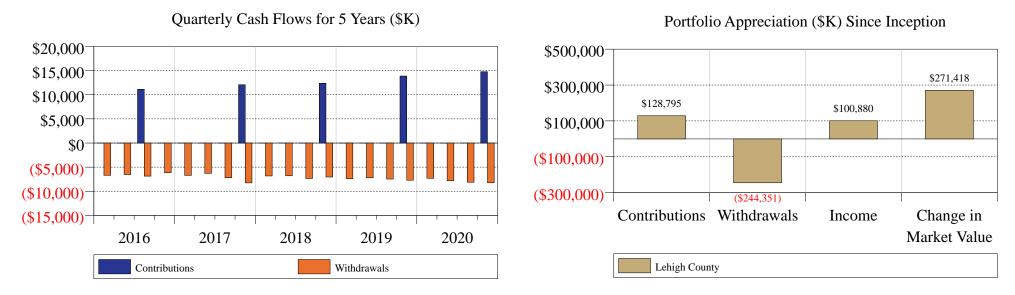
	Beginning Market Value	Ending Market Value	Transfers
Domestic Equity	\$216,561,793	\$245,549,423	(\$5,000,000)
International Equity	\$91,217,727	\$106,104,457	\$0
Domestic Fixed Income	\$112,992,342	\$120,141,696	\$6,023,315
Alternative	\$88,045,742	\$95,514,662	\$2,790,081
Cash & Equivalents	\$19,815,213	\$22,613,280	(\$3,797,275)
Total Portfolio	\$528,632,817	\$589,923,517	\$16,121

Actual Allocation for Since Inception Ended December 31, 2020



Lehigh County Retirement Fund

Historical Cash Flow



Ending Market Value Since Inception (July 1, 2010)





Lehigh County Retirement Fund Manager Performance

1 Quarter Ending December 31, 2020

					Beginning	Ending Market
	Benchmark Name	Ending Weight	Returns	Excess Return		Value
	- -					
Lomax Large Value	Russell:1000 Value	8.2%	16.15%	(0.11%)	\$41,640,016	\$48,362,884
Vanguard Instl Indx;Inst	S&P:500	10.7%	12.15%	0.00%	\$56,209,013	\$63,036,631
Invesco Eq-Wtd 500;R6	S&P 500 Eq Wt	4.1%	18.34%	(0.12%)	\$20,321,477	\$24,047,808
SGA Large Growth	Russell:1000 Growth	9.0%	10.13%	(1.27%)	\$52,687,518	\$53,022,390
Emerald Mid Growth	Russell:Midcap Growth	2.8%	18.87%	(0.15%)	\$13,976,730	\$16,614,128
Emerald Small Growth	Russell:2000 Growth	3.2%	25.52%	(4.09%)	\$14,905,030	\$18,708,735
Vanguard SC Val Idx;Ins	CRSP:U.S. Small Cap Value	3.7%	29.34%	0.02%	\$16,822,010	\$21,756,846
Vanguard Dev Mkt;Adm	FTSE:Dev AC ex US Idx	5.9%	16.93%	(0.12%)	\$29,920,563	\$35,005,933
American Funds EuPc;F-3	MSCI:ACWI ex US	6.5%	19.95%	2.94%	\$32,094,880	\$38,498,616
Vittoria Long/Short Intl	MSCI:ACWI ex US	5.5%	11.63%	(5.38%)	\$29,202,283	\$32,599,908
Agincourt Core Fixed	Blmbg:Aggregate Index	8.9%	0.85%	0.19%	\$51,843,042	\$52,285,741
CSMcKee Core Fixed	Blmbg:Aggregate Index	8.9%	1.15%	0.48%	\$51,701,083	\$52,297,425
Vanguard Sh-Tm Inv;Adm	Blmbg:Credit 1-3 Yr Bd	2.6%	0.98%	0.41%	\$9,448,218	\$15,558,530
Gabelli Merger Arbitrage	CS:Risk Arb	2.5%	5.18%	(6.10%)	\$13,864,002	\$14,582,099
AQR Alternative Risk Prem	CS:All Hedge Idx	1.5%	(6.90%)	(14.69%)	\$9,246,690	\$8,607,063
ALPS/CC Mgt CC S;I	Blmbg:Commdty Idx	0.8%	18.27%	8.11%	\$4,764,686	\$4,599,653
CBRE Clarion RE	FTSE:NAREIT All Eq Index	1.4%	12.21%	4.07%	\$8,378,688	\$8,401,895
Nuveen Pref Secs;I	S&P:US Pref Index	2.1%	6.29%	(0.65%)	\$11,712,322	\$12,449,363
Herzfeld CEF Debt Lending	Blmbg:Corp 1-3 Yr	2.8%	2.55%	1.88%	\$16,237,923	\$16,642,947
LEM Multifamily V	Cambridge:PE Real Estate	0.9%	3.59%		\$4,227,833	\$5,415,460
Citi Coupon Note	Citi Coupon Note Idx	1.1%	6.61%	6.61%	\$6,099,345	\$6,359,793
MS Digital Plus Note	MS Digital Plus Note Idx	1.3%	11.52%	11.52%	\$7,060,095	\$7,873,236
Vanguard Infl-Prot;Adm	Blmbg:TIPS 1-10 Yr	1.8%	1.62%	0.02%	\$6,454,158	\$10,583,150





Lehigh County Employees' Retirement Plan Monthly Flash Report

		Monthly Return January-2021	Market Value Beginning of Period	Market Value End of Period
Lomax Large Value Russell 1000 Value		0.00% -0.92%	\$48,327,293	\$48,329,665
Vanguard Institutional Index S&P 500		-1.01% -1.02%	\$63,036,631	\$62,399,552
Invesco Equally-Wtd S&P 500 R6 S&P 500 Equal Weighted Tr Usd		-0.84% -0.81%	\$24,047,808	\$23,846,142
SGA Large Growth Russell 1000 Growth		-2.13% -0.74%	\$53,018,233	\$51,889,457
Vanguard SCV Index CRSP US Small Cap Value		2.11% 2.10%	\$21,756,846	\$22,215,690
Emerald Mid Growth Russell Mid-Cap Growth		2.26% -0.33%	\$16,596,775	\$16,971,448
Emerald Small Growth Russell 2000 Growth		1.37% 4.82%	\$18,700,931	\$18,957,698
American Funds Europacific Growth F3 MSCI ACWI ex US		-1.54% 0.22%	\$38,498,616	\$37,904,707
Vanguard Developed Mkt Idx I FTSE AW ex US		-1.18% 0.22%	\$35,005,933	\$34,592,748
CS McKee Core Bond Agincourt Core Bond Barclays Capital Aggregate		-1.65% -0.84% -0.72%	\$52,073,795 \$51,978,860	\$51,216,329 \$51,544,407
CBRE Clarion REITs FTSE NAREIT Equity REITs		0.78% 0.10%	\$8,361,552	\$8,427,160
Liquid Alternatives Blended Alternatives Benchmark		0.72% 0.27%	\$50,393,199	\$45,063,189
Vanguard ST Investment Grade BbgBarc US Corp 1-3 Yr		0.06% 0.03%	\$15,534,656	\$15,544,424
Defined Benefit Plan Payden Limited Maturity 30 Day MM Yield		0.01% 0.07% 0.01%	\$9,591,557 \$13,036,939	\$6,174,319 \$18,045,473
Weighted Rate of Return	Portfolio Index	-0.52% -0.15%	\$519,959,626	\$513,122,409

Assets Not Valued Daily

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\$29,126,311	\$29,126,311
\$14,243,452	\$14,582,099
\$16,499,402	\$16,647,218
\$5,415,460	\$5,415,460
	\$16,499,402

Grand Total

\$578,893,497

\$585,244,252

2021 YTD Performance			
Net Portfolio -0.52%			
Index	-0.15%		

Performance quoted is past performance and is no guarantee of future results. This is not a statement and values shown are not audited; please confirm all values against your custodial account statement. Securities offered through M Holdings Securities, Inc., a Registered Broker/Dealer, Member FINRA/SIPC. Investment Advisory Services offered through Cornerstone Advisors Asset Management, LLC. Cornerstone Advisors Asset Management, LLC is independently owned and operated.

Lehigh County, PA Historical Returns

Net of Fee Returns

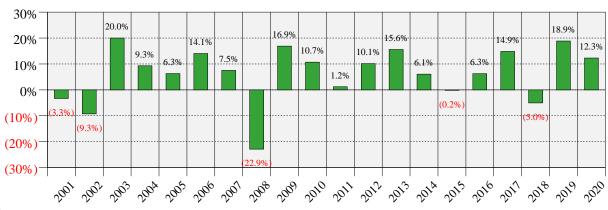
	Returns*
2020	12.3%
2019	18.9%
2018	(5.0%)
2017	14.9%
2016	6.3%
2015	(0.2%)
2014	6.1%
2013	15.6%
2012	10.1%
2011	1.2%
2010	10.7%
2009	16.9%
2008	(22.9%)
2007	7.5%
2006	14.1%
2005	6.3%
2004	9.3%
2003	20.0%
2002	(9.3%)
2001	(3.3%)

Net of Fee Returns for Periods Ended December 31, 2020

	Last 10 Years	Last 15 Years	Last 20 Years
Lehigh County (CR report)	7.8%	6.5%	5.9%

Net of Fee Returns for Periods Ended December 31, 2019

	10 Yrs. Ending	15 Yrs. Ending	20 Yrs. Ending
	12/31/19	12/31/19	12/31/19
Lehigh County (CR report)	7.6%	6.1%	5.3%



Net of Fee Returns for Calendar Years

*Bold and italicized returns indicate years to be rolled off in current year for 10 year, 15 year and 20 year measurements.



