

PENSION FUND TRUSTEES MEETING via WEBEX LANSING BOARD OF WATER AND LIGHT BOARD OF COMMISSIONERS AGENDA

November 17, 2020

5:00 P.M. - 1201 S. Washington Ave., Lansing, MI 48910

The BWL full meeting packet and public notice/agenda is located on the official web site at https://www.lbwl.com/about-bwl/governance.

Due to public safety concerns resulting from the COVID-19 Pandemic, this meeting will be conducted via WebEx Conferencing and all Board Members will participate virtually. Instructional options to be in attendance are as follows:

Event address:

https://lbwlevents.webex.com/lbwlevents/onstage/g.php?MTID=efac46ef50bf8a3970e0de61fec6c4195

Event number: 132 199 1884 **Event Password:** RTuAXyAV35

2. Audio conference: United States Toll +1-408-418-9388 Access code: 132 199 1884

Call to Order

Roll Call

Public Comments on Agenda Items. Options for Public Comment (PC) participation include:

- Raising your hand by clicking on the hand icon button in the Participants panel
- Submitting written comments by email to mdenise.griffin@lbwl.com (By the End of PC)
- Submitting written comments to 1201 S. Washington Ave., Lansing, MI 48910
- 1. Pension Fund Trustees Meeting Minutes (05-26-2020)
- 2. Table of Contents
- 3. Pension Memo with Review of External Investment Management
- 4. Pension Dashboard
- 5. Defined Benefit Plan (DB) Information
- 6. Post-Employment Benefit Plan (VEBA)
- 7. Defined Contribution and Deferred Compensation Plans (DC)
- 8. Supplemental Information
 - a. Resolution Accept Audited Financial Statements (FY 2020)

Other

Adjourn

In compliance with the order from the Director of the Michigan Department of Health and Human Services and the order from the Ingham County Health Department, in an effort to protect the health and safety of the public, to mitigate the spread of COVID-19 and to provide essential protections to vulnerable Michiganders and this State's health care system and other critical infrastructure, it is crucial that all Michiganders take steps to limit in person contact, particularly in the context of large groups. Therefore, the above meeting will be conducted via audio/video conference in accordance with the Open Meetings Act, as amended by Public Act 228 of 2020 effective on October 16, 2020. Members of the public wishing to participate in the meeting may do so by logging into or calling into the meeting using the website or phone number and the meeting ID provided above.

Persons with disabilities who need an accommodation to fully participate in this meeting should contact the Office of the BWL Corporate Secretary at (517) 702-6033 or mdenise.griffin@lbwl.com, or utilize TTY by dialing 7-1-1. A 24-hour notice may be needed for certain accommodations. An attempt will be made to grant all reasonable accommodation requests.



PENSION FUND TRUSTEES MEETING MINUTES May 26, 2020

The Pension Fund Trustees of the Lansing Board of Water & Light (BWL) met at the BWL Headquarters – REO Town Depot located at 1201 S. Washington Ave., Lansing, MI, on Tuesday, May 26, 2020. Publicly Notice for 5:30 p.m.

Board Chairperson David Price called the meeting to order at 6:30 p.m.

Present: Trustees Beth Graham, Deshon Leek, David Lenz, Tony Mullen, David Price, Ken Ross, Tracy Thomas, and Sandra Zerkle.

Absent: None

The Corporate Secretary declared a quorum.

Public Comments

None.

Approval of Minutes

Motion by Trustee Thomas and Seconded by Trustee Mullen to approve the minutes from the November 19, 2019 Pension Fund Trustees' Annual Meeting.

Motion Carried by the following Roll Call Vote:

Yeas: Commissioners Price, Graham, Leek, Lenz, Mullen, Ross, Thomas and Zerkle

Nays: None

RESOLUTION #2020-05-10

Acceptance of the Voluntary Employees Beneficiary Association (VEBA) Investment Policy

WHEREAS, the Lansing Board of Water and Light sponsors the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light (the "VEBA"); and

WHEREAS, certain individuals serve as trustees of the Plan (the "Trustees"); and

WHEREAS, the Trustees delegated certain investment authority regarding VEBA assets to the Retirement Plan Committee on September 3, 2016 (the "Delegation"); and

WHEREAS, the Trustees are required to acknowledge all revisions to the Statement of Investment Policies, Procedures and Objectives ("IPS") which are adopted from time to time by the Board of Commissioners of the Lansing Board of Water and Light;

THEREFORE, it is:

RESOLVED, that, the Trustees ratify all investment actions that have been taken by the Retirement Plan Committee in accordance with the Delegation;

FURTHER RESOLVED, that after reviewing the attached revised IPS, the Trustees acknowledge all revisions to the IPS, effective as indicated therein.

Motion by Trustee Mullen, Seconded by Trustee Zerkle, to accept the Resolution for the Acceptance of the Voluntary Employees Beneficiary Association (VEBA) Investment Policy

Motion Carried by the following Roll Call Vote:

Yeas: Commissioners Price, Graham, Leek, Lenz, Mullen, Ross, Thomas and Zerkle

Nays: None

<u>Other</u>

None.

RESOLUTION #2020-05-11 Acceptance of the Defined Benefit (DB) Investment Policy Statement

WHEREAS, the Lansing Board of Water and Light sponsors the Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions (the "Defined Benefit Plan"); and

WHEREAS, certain individuals serve as trustees of the Plan (the "Trustees"); and

WHEREAS, the Trustees delegated certain investment authority regarding Defined Benefit Plan assets to the Retirement Plan Committee on September 3, 2016 (the "Delegation"); and

WHEREAS, the Trustees are required to acknowledge all revisions to the Statement of Investment Policies, Procedures and Objectives ("IPS") which are adopted from time to time by the Board of Commissioners of the Lansing Board of Water and Light;

THEREFORE, it is:

RESOLVED, that the Trustees ratify all investment actions that have been taken by the Retirement Plan Committee in accordance with the Delegation;

FURTHER RESOLVED, that after reviewing the attached revised IPS, the Trustees acknowledge all revisions to the IPS, effective as indicated therein.

Motion by Trustee Graham, Seconded by Trustee Ross, to accept the Resolution for the Acceptance of the Defined Benefit (DB) Investment Policy Statement.

Motion Carried by the following Roll Call Vote:

Yeas: Commissioners Price, Graham, Leek, Lenz, Mullen, Ross, Thomas and Zerkle

Nays: None

Excused Absences

None.

<u>Adjourn</u>

There being no further business, the Pension Fund Trustees meeting adjourned at 6:19 p.m.





Lansing Board of Water and Light FY 2020 Pension Trustee Packet – Table of Contents

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MEMORANDUM

From: Heather Shawa, Chief Financial Officer
To: Board of Water and Light Pension Trustees

Date: November 10, 2020

Subject: Annual Pension Trustee Meeting – November 17, 2020

At the Annual Trustee Meeting to be held November 17, 2020, staff will give a brief overview of FY 2020 performance of the Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions ("DB"), the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light ("VEBA"), and the participant-directed 401 Defined Contribution and 457 Deferred Compensation Plans and Trusts ("DC"). Representatives from Asset Consulting Group ("ACG") and Benassist Retirement Consulting ("Benassist") will be present to address DB and VEBA. Representatives from ICMA-RC and Captrust, formerly PMFA, will be present to address DC.

Audited financial reports for each of the plans are included in the meeting packet. Baker Tilly has provided each plan with an unmodified opinion, indicating the financial statements present fairly, in all material respects, the fiduciary position of each plan as of June 30, 2020 in accordance with accounting principles generally accepted in the United States of America.

DB AND VEBA UPDATES

During the fiscal year 2020, the Board of Commissioners approved the following governance changes:

- Delegated authority for making administrative changes, plan design changes, and compliance amendments for both DB and VEBA to the BWL's General Manager. The General Manager subsequently delegated this authority to the BWL Retirement Plan Committee ("RPC").
- An updated Statement of Investment Policies, Procedures and Objectives ("IPS") for both DB and VEBA.
- Select DB retiree participants were eligible for a one-time lump sum payment.

Actuarial Report Overview

Included in the packet are the actuarial reports for DB and VEBA. These actuarial reports were prepared by Benassist using census data as of February 29, 2020 and financial data as of June 30, 2020. Benassist calculated the funding status and actuarially determined contribution ("ADC") for each plan. ADC is the amount BWL must contribute to the trust annually to ensure adequate funding for payment of future benefits. Notably, the VEBA ADC decreased from \$7M in FY 2019 to \$0 in FY 2020.

DB	As of 6/30/2020	As of 6/30/2019
Actuarially Determined Contribution	\$0	\$0
Total Pension Liability	\$52.2 million	\$53.8 million
Fiduciary Net Position	\$55.6 million	\$60.4 million
Funded Status	106.5%	112.3%
Net Pension (Asset) / Liability	(\$3.4 million)	(\$6.6 million)

VEBA	As of 06/30/2020	As of 06/30/2019
Actuarially Determined Contribution	\$0	\$7.0 million
Total OPEB Liability	\$154.6 million	\$148.5 million
Fiduciary Net Position	\$198.8 million	\$195.2 million
Funded Status	128.6%	131.4%
Net OPEB (Asset) / Liability	(\$44.2) million	(\$46.6) million

Asset Class Allocation

Investments for DB and VEBA are directed by the plan sponsor, BWL, under the guidance of the Statement of Investment Policies, Procedures and Objectives ("IPS") for each plan. The IPS for each plan is included in the Trustee packet. Listed below are the asset class allocations for DB and VEBA. Each of these allocations fall within the allowable allocation range as dictated by the IPS for each plan.

	Fund Allocation	as of 06/30/2020
Asset Class:	<u>DB</u>	<u>VEBA</u>
US Large Cap Equity:		
Loomis Sayles	13.38%	20.16%
Vanguard Russell 1000	11.42%	13.48%
US Small/Mid Cap Equity:		
Atlanta Capital	9.46%	0.00%
Aristotle	0.00%	8.34%
Non US Equity:		
Harding Loevner Int'l Equity	9.71%	9.54%
Lazard Int'l Equity	8.87%	8.48%

Fixed Income:		
JPMorgan Core Bond	18.88%	15.34%
Fidelity Tactical Bond	10.50%	5.28%
BlackRock Strategic Income	9.93%	4.82%
Real Assets:		
AEW Core Property Trust	5.54%	7.83%
Blackstone Property Partners	0.00%	6.64%
Cash & Cash Equivalents:		
Cash & Cash Equivalents	2.30%	0.10%

Management Fees

The IPS prescribes that consideration will be given to fees prior to retaining professionals. The following table lists all fees associated with DB and VEBA funds as of June 30, 2020.

_	Manager Fee	Custodial Fee	ACG Fee*	Total Fees
US Large Cap Equity				
Loomis Sayles	0.54 %	0.02 %	0.04 %	0.60 %
Vanguard Russell 1000	0.07 %	0.02 %	0.04 %	0.13 %
US Small/Mid Cap Equity				
Atlanta Capital	0.82%	0.02 %	0.04 %	0.88 %
Aristotle	0.65%	0.02 %	0.04 %	0.71 %
Non US Equity		,		
Harding Loevner Int'l Equity	0.75 %	0.02 %	0.04 %	0.81 %
Lazard Int'l Equity	0.82 %	0.02 %	0.04 %	0.88 %
Fixed Income				
JP Morgan Fixed Income	0.30 %	0.02 %	0.04 %	0.36 %
Fidelity Tactical Bond	0.36 %	0.02 %	0.04 %	0.42 %
BlackRock Strategic Income	0.65 %	0.02 %	0.04 %	0.71 %
Real Estate				
AEW Core Property Trust	1.10 %	0.02 %	0.04 %	1.16 %
Blackstone Property Partners	1.00 %	0.02 %	0.04 %	1.06 %
• •	·			

^{*}ACG advisory fee is a flat dollar cost. For purposes of this report, this fee is shown as a weighted average of total assets under management.

Performance of Investment Managers

The charts on the following page show the DB and VEBA investment returns from BWL inception through June 30, 2020. The charts reflect investment managers employed by the BWL as of June 30, 2020. These returns are compared to the market index that most closely resembles each investment manager's style as described in the current IPS documents for DB and VEBA, respectively. Note that due to differing individual portfolio start dates, and different investment sectors, the comparative market index will vary from manager to manager.

DB		Inception Date	Return	Index
	Loomis Sayles	01/13	17.19%	17.16%
	Vanguard	05/17	2.18%	2.22%
	Atlanta Capital	08/18	2.31%	-2.56%
	Harding Loevner Int'l Equity	09/17	3.59%	0.21%
	Lazard Int'l Equity	09/17	-0.71%	0.37%
	JP Morgan	01/09	4.62%	4.31%
	Fidelity Tactical Bond	09/18	7.55%	8.70%
	BlackRock Strategic Income	09/17	3.14%	5.15%
	AEW Core Property Trust	01/19	2.48%	2.22%
VEBA		Inception Date	Return	Index
VEBA	Loomis Sayles	Inception Date 01/13	Return 16.84%	Index 17.16%
VEBA	Loomis Sayles Vanguard	•		
VEBA	·	01/13	16.84%	17.16%
VEBA	Vanguard	01/13 05/17	16.84% 2.18%	17.16% 2.22%
VEBA	Vanguard Aristotle	01/13 05/17 08/18	16.84% 2.18% -9.29%	17.16% 2.22% -2.56%
VEBA	Vanguard Aristotle Harding Loevner Int'l Equity	01/13 05/17 08/18 09/17	16.84% 2.18% -9.29% 3.58%	17.16% 2.22% -2.56% 0.21%
VEBA	Vanguard Aristotle Harding Loevner Int'l Equity Lazard Int'l Equity	01/13 05/17 08/18 09/17 09/17	16.84% 2.18% -9.29% 3.58% -0.71%	17.16% 2.22% -2.56% 0.21% 0.37%
VEBA	Vanguard Aristotle Harding Loevner Int'l Equity Lazard Int'l Equity JP Morgan	01/13 05/17 08/18 09/17 09/17 01/09	16.84% 2.18% -9.29% 3.58% -0.71% 4.67%	17.16% 2.22% -2.56% 0.21% 0.37% 4.31%
VEBA	Vanguard Aristotle Harding Loevner Int'l Equity Lazard Int'l Equity JP Morgan Fidelity Tactical Bond	01/13 05/17 08/18 09/17 09/17 01/09 09/18	16.84% 2.18% -9.29% 3.58% -0.71% 4.67% 7.77%	17.16% 2.22% -2.56% 0.21% 0.37% 4.31% 8.70%

DC UPDATES

The BWL continues to sponsor three DC Plans:

- The Lansing Board of Water and Light 401 Defined Contribution Plan and Trust 1 ("Large 401 Plan")
- The Lansing Board of Water and Light 401 Defined Contribution Plan and Trust 2 ("Small 401 Plan")
- The Lansing Board of Water and Light 457 Deferred Compensation Plan and Trust ("457 Plan")

During fiscal year 2020, the Board of Commissioners approved the following governance changes.

- Large 401 Plan and 457 Plan Delegated authority for making administrative changes, plan design changes, and compliance amendments to the BWL's General Manager. The General Manager subsequently delegated this authority to the BWL Retirement Plan Committee ("RPC").
- Small 401 Plan Updated the adoption agreement.

ICMA-RC is the third-party administrator to the DC Plans. The RPC is currently engaged in an active RFP (request for proposal) with respect to this role. The RPC is following BWL Purchasing guidelines throughout this process and will continue to communicate updates regarding the bid award to the Board of Commissioners.

BWL has uncovered errors related to employer contributions for the DC Plans. BWL will provide participant corrections to ICMA-RC to post adjustments to participant accounts. BWL will submit a Voluntary Correction Program (VCP) to the IRS which documents how participants were made whole. Continued updates to the Board will be provided by the RPC.

Retirement Plans Dashboard: FY 2020



Lansing Board	of Wa	ter & Light: D	efined Benefit Plan -	06/30/2020
Funding Status	5			Returns
Fiduciary Net Position	\$	55,586,985		
Total Pension Liability	\$	52,198,422	FY 2020 Return on Assets	2.909
Funding Status		106.49%	Expected Return	6.509
Average Funding Percentage ¹		72%	Median Expected Return ²	7.259
Actuarially Determined Contribution (ADC)	\$	-	% Over/Under Median	-0.759
FY 2020 Total Revenues	\$	364,612,954		
ADC as % of Revenues		0.00%		
Change in Asse	ts		P	articipants ³
FY 2020 Beginning Market Value	\$	60,421,846		·
FY 2020 Contributions	\$	-	Total Active Participants	
FY 2020 Net Investment Income	\$	1,512,827	Total Inactive Participants	
FY 2020 Distributions	\$	(6,347,779)	Total Retiree Participants	31
FY 2020 Ending Market Value	\$		Total Participants	32
FY 2020 Inc/(Dec) in Market Value	\$	(4,834,951)	· ·	
		Asset All	ocation	
		Asset Class	Allocation	Target Allocation
	US Ec	uity	34%	25 - 45%
		JS Equity	19%	15 - 25%
	Fixed	Income	39%	20 - 50%
	Real /	Assets	6%	0 - 10%
	Cash	& Equivalents	2%	0 - 5%
Projected Benefit Pa	ymen	ts	Historical v	vs Expected Returns ⁶
\$6 \$4 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2	2041 • A	2045 2049 ctive	25% 15% 5% -5% -15% 2008 2010 20 Actual Return	012 2014 2016 2018 2020 Expected Return
		Plan F	ees	
Туре			Annual Fees Paid	% of Assets
Investment Fees ⁴			\$	279,384 0.469
Custodial Fees			\$	8,632 0.019
Advisory Fees ⁵			\$	55,000 0.099
Total			\$	343,016 0.579

Lansing Boa	rd of Water & Lig	ht: VEBA Plan - 06/30/2020				
Funding Status	5	Returns	Returns			
Fiduciary Net Position	\$ 198,804,80	02				
Total OPEB Liability	\$ 154,602,68	66 FY 2020 Return on Assets	2.13%			
Funding Status	128.5	9% Expected Return	7.00%			
Prior Year Funding Percentage	131.3	3% Prior Year Expected Return	7.50%			
Actuarially Determined Contribution (ADC)	\$ -	% Over/Under Prior Year	-0.50%			
FY 2019 Total Revenues	\$ 364,612,95	54				
ADC as % of Revenues	0.0	0%				
Change in Asset	ts	Participar	nts ³			
FY 2019 Beginning Market Value	\$ 195,158,57	77				
FY 2019 Contributions	\$ 9,156,56	55 Total Active Participants	676			
FY 2019 Net Investment Income	\$ 3,646,22	25 Total Retiree Participants	754			
FY 2019 Distributions		55) Total Participants	1430			
FY 2019 Ending Market Value	\$ 198,804,80	02				
FY 2019 Inc/(Dec) in Market Value	\$ 3,646,22	25				
	Asset All	ocation				
	Asset Class	Allocation %	Target Allocation			
	US Equity	42%	30 - 50%			
	Non-US Equity	18%	15 - 25%			
Fixed Income Real Assets		25%	10 - 50%			
		14%	0% - 20%			
	Cash & Equivalents	0%	0% - 5%			
Projected Benefit Page	yments	Historical vs Expec	ted Returns ⁷			
\$20		25%				
	dimension	15%				
\$15						
suc .		5%				
\$10 \$10		-5%				
\$5		-15%				
,55		-15%				
s-		-25%				
2021 2025 2029 2033 2037	2041 2045 2049	2008 2010 2012 2014	2016 2018 2020			
■ Retiree	Active	Returns	Expected Return			
	Plan I	ees	,			
Туре	FIGIL	Annual Fees Paid	% of Assets			
Investment Fees ⁴		\$ 949,925	0.49%			
Custodial Fees		\$ 29,136	0.01%			
Advisory Fees ⁵		\$ 55,000	0.01%			
Total		\$ 1,034,060	0.53%			
1000		7 1,007,000	0.55%			

- Average funding for state and local pensions nationwide as of 2019. Data obtained from Public Plans Database and PENDAT as provided by BWL's external advisor, ACG.
- 2 Median investment return assumption for public pensions from 2019 data obtained from NASRA Public Fund Survey Summary of Findings as provided by BWL's external advisor, ACG.
- 3 Participant data is based on the actuarial census date of February 29, 2020.
- 4 Certain investment fees are charged on a "% of Assets" basis and have been converted to a dollar amount for purposes of comparison.
- 5 Advisory fees are a flat dollar amount and have been converted to a "% of Assets" basis for purposes of comparison.
- 6 In FY2018, the expected return for the DB plan was reduced from 7.50% to 7.00%, and was reduced again in FY2020 to 6.50%.
- 7 In FY2020, the expected return for the VEBA plan was reduced from 7.50% to 7.00%.

Where external benchmark data was unavailable, prior year BWL data was used for comparison. Investment manager and advisory fees are accounted for on an accrual basis for dashboard purposes and cash basis for audit purposes.

Due to rounding, sums and percentages in this dashboard may not precisely reflect absolute figures or those found in other reports.

Retirement Plans Dashboard: FY 2020



	Lancing P	pard of Water & Light	Dofined Co	ntribution /	101/2) & Deferred Com	anonsation 457/h) Dlan		m reopie. Hometown rower.
Lansing Board of Water & Light: Defined Contribution 401(a) & Deferred Compensation 457(b) Plans - 06/30/2020 Total Participants 401(a) Loan Statistics ICMA Education Statistics								
Plan Type	Participants	Outstanding Loans	iii Statistics	324	Retirement F	Plan Specialists	Certified Financial Planner	Seminars
401 Plans ¹	985	Total Loan Balance	\$	4,042,674		s On Site	5 Days On Site	6 Seminars On Site
457 Plan ²	935	Avg Loan Balance	\$	12,477	· ·	tendees	115 Attendees	80 Attendees
		Age Group: 401(a) Pla		12,			by Age Group: 457(b) P	
Age Group	Average Balance	Total Participants		Assets	Age Group	Average Balance	Total Participants	Total Assets
	\$ 23,936.95	53	\$	1,268,659	Under 30	\$ 25,605.48	61	\$ 1,561,934
30 - 39	\$ 51,380.33	136	\$	6,987,725	30 - 39	\$ 50,085.04	143	\$ 7,162,161
40 - 49	\$ 107,556.95	210	\$	22,586,959	40 - 49	\$ 93,943.97	218	\$ 20,479,786
50 - 59	\$ 224,771.58	273	\$	61,362,642	50 - 59	\$ 143,197.19	271	\$ 38,806,438
60 - 69	\$ 377,336.69	229	\$	86,410,103	60 - 69	\$ 214,949.12	197	\$ 42,344,977
, o a op	\$ 311,697.21	81	\$	25,247,474	70 & Up	\$ 172,452.48	43	\$ 7,415,457
	\$ 113,636.24	<u>3</u>	\$	340,909	Administrative Accounts	\$ 47.85	<u>2</u>	\$ 96
Total		985	\$	204,204,470	Total		935	\$ 117,770,848
	Asset Allocation	in 401(a) Plans				Asset Allocat	ion in 457(b) Plan	
35%			30%		40%	35% 36%		
30%	27% 29%	279			35%	35%	21	32%
25% —————			<u> </u>		30%		Σ:	9%
20%19%		19%			25% 20%			
15%					20%		18%	
10% —— 9%	8%	9%	_8%_		15% 10%	8% 6%	8%	
5% — 4%	4%	4%		3%	10%	8% 6%	2%	6% 5%
0%					5%		270	
	Y 2020	FY 20	19		0/0	FY 2020	FY:	2019
Stable Value	e/Cash Management	Bond			■ Stable	· Value/Cash Management	Bond	
	Lifetime Income	Balanced/Asset Allocation				inteed Lifetime Income	 Balanced/Asset Allocation 	
U.S. Stock		International/Global Stock			■ U.S. St		International/Global Stock	
■ Specialty					■ Specia	alty		
H	listorical Asset Values	3	Hist	orical Retur	ns by Fiscal Year		Contribution as % of Pay	roll
\$250			18%			14.0%		
			16%	A		13.00/		
\$200			14%			12.0%		
			12%	\triangleright		10.0%		
\$150			10%			0.00/		
_			8%			8.0%		
<u>S</u> \$100			6%			6.0%		
\$100 ———————————————————————————————————			4%			4.00/		
\$50						4.0%		
750			2%			2.0%		
Ś-			0%		+ 🔻 + + + + +	0.0%		
2010 2011 2012	2 2013 2014 2015 2016	2017 2018 2019 2020	-2% 2010	2012 2014	2016 2018 2020	2010 2011 2012	2013 2014 2015 2016	2017 2018 2019 2020
	■ 401(a) Plans ■ 457(b) Plan			401(a) Plan				
	■ 401(d) Pidiis ■ 457(D) Plan			-01(a) r idil	757 (b) 1 idil	■ 401(a) Contri	oution % of Payroll 457(b) Contri	ibution % of Payroll

⁴⁰¹⁽a) Plans are Employer Contribution only and subject to a vesting period.

Due to rounding, sums and percentages in this dashboard may not precisely reflect absolute figures or those found in other reports

^{2 457(}b) Plan is Employee Contribution with an Employer Contribution of \$1,000 and an additional Employer Match up to \$1,500 per calendar year.



Financial Report
with Required Supplementary Information
As of and for the Years Ended June 30, 2020 and 2019

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INDEPENDENT AUDITORS' REPORT

To the Honorable Mayor, Members of the City Council, and Commissioners of the Board of Water and Light Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions City of Lansing, Michigan

We have audited the accompanying financial statements of the Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions ("Plan") as of and for the years ended June 30, 2020 and 2019, and the related notes to the financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Plan's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary position of the Plan as of June 30, 2020 and 2019, and the respective changes in fiduciary position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the required supplementary information as listed in the table of contents be presented to supplement the financial statements. Such information, although not a part of the financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the financial statements, and other knowledge we obtained during our audit of the financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Baker Tilly US, LLP (formerly known as Baker Tilly Virchow Krause, LLP)

ker Tilly US, LLP

Madison, Wisconsin September 2, 2020

Management's Discussion and Analysis As of and for the Years Ended June 30, 2020 and 2019

Using this Annual Report

The annual report consists of two parts: (1) Management's Discussion and Analysis (this section) and (2) the financial statements. The financial statements include notes that explain information in the statements and provide more detail.

Condensed Financial Information

The table below compares key financial information in a condensed format between the current year and the prior two years:

	2020	2019		2018
Assets held in trust:				
Money maket collective trust fund	\$ 1,402,445	\$ 1,963,325	\$	1,890,701
U.S. government obligations	-	4,873,353		7,966,488
Fixed income securities	2	6,379,674		12,372,866
Mutual funds	27,724,349	30,566,813		26,341,508
Common collective funds	15,936,209	6,029,465		-
Common stock	10,521,643	10,529,824		13,634,806
Trade Receivable - Due from Broker	-	-		11,853
Interest and dividend receivable	2,247	85,635		148,763
Total assets held in trust	\$ 55,586,895	\$ 60,428,089	\$	62,366,985
Liabilities				
Accrued liabilities	\$ _	\$ 6,242	Ś	_
		•		
Net Position Restricted for Pensions	55,586,895	60,421,847		62,366,985
Total liabilities and net position	\$ 55,586,895	\$ 60,428,089	<u>\$</u>	62,366,985
Changes in net position:				
Net investment income	\$ 1,657,911	\$ 4,380,722	\$	3,112,090
Benefits payments	(6,347,779)	(6,142,622)		(6,413,954)
Administrative Fees	(145,084)	(183,238)		(254,964)
Net change in net position	\$ (4,834,952)	\$ (1,945,138)	\$	(3,556,828)

Management's Discussion and Analysis As of and for the Years Ended June 30, 2020 and 2019

Investment Results

The fiscal year ended June 30, 2020 saw a net investment gain of \$1.7 million. We believe this performance is consistent with the experience of similarly situated employee benefit funds.

The Board of Water and Light – City of Lansing, Michigan's ("BWL") actuarially determined contribution (ADC) as determined by the BWL's actuary was \$0 in fiscal year 2020, therefore no employer contributions were required.

During fiscal year 2020 the Defined Benefit Plan and Trust for Employees' Pensions ("Plan") governance committee elected to make a onetime additional payment to Plan members for a total of \$476,125.

Investment Objectives and Asset Allocation

The Plan assets shall be invested in accordance with sound investment practices that emphasize long-term investment fundamentals. In establishing the investment objectives of the Plan, the BWL has considered the time horizon available for investment, the nature of the Plan's cash flows and liabilities, and other factors that affect the Plan's risk tolerance.

The investment of Plan assets is intended to result in moderate, long-term capital appreciation through moderate risk-taking. The Plan's overall investment objective is to earn an average, annual return of 6.5% over five-year rolling periods. Achievement of this objective is likely to result in stable to declining future contribution rates and ensure its ability to pay retirement benefits for all plan participants.

Consistent with the advice of the investment advisor, the BWL has selected the following target asset allocation strategy:

Management's Discussion and Analysis As of and for the Years Ended June 30, 2020 and 2019

Investment Objectives and Asset Allocation (Continued)

Asset Class	Target Asset Allocation
Core bonds	20%
Multi-sector	10%
Liquid absolute return	10%
U.S. large cap equity	25%
U.S. small cap equity	10%
Non-U.S. equity	20%
Core real estate	<u> 5%</u>
Total	100%

Future Events

The Plan is currently overfunded, with a funded ratio (fiduciary net position divided by total pension liability) of 106 percent. This funding level results in an actuarily determined contribution of \$0 for fiscal year 2021. As a result, the BWL does not expect to make contributions to the trust in fiscal year 2021.

The Plan expects to make annual withdrawals of approximately \$6,000,000 to cover participant benefits in fiscal year 2021.

Contacting the Plan's Management

The financial report is intended to provide a general overview of the Plan's finances and to demonstrate accountability for the funds it administers. Questions about this report should be submitted to Lansing Board of Water and Light, Chief Financial Officer, P.O. Box 13007, Lansing, Michigan 48901–3007.

Statement of Plan Fiduciary Net Position

	As of June 30			
	2020			2019
Assets				
Investments at fair value:				
Cash and money market trust fund	\$	1,402,445	\$	1,963,325
U.S. government obligations		-		4,873,353
Fixed income securities		2		6,379,674
Mutual funds		27,724,349		30,566,813
Common collective funds		15,936,209		6,029,465
Common stocks		10,521,643		10,529,824
Total investments at fair value		55,584,648		60,342,454
Receivable - investment interest receivable		2,247		85,635
Total assets		55,586,895		60,428,089
Liabilities				
Trade payable - due to broker		<u>-</u>		6,242
Net Position Restricted for Pensions	\$	55,586,895	\$	60,421,847

Statement of Changes in Plan Fiduciary Net Position

	For the Year Ended June 30			
	2020			2019
Additions				
Investment income:				
Net appreciation in fair				
value of investments	\$	492,124	\$	2,540,532
Interest and dividend income		1,165,787		1,840,190
Total investment income		1,657,911		4,380,722
Deductions				
Retiree benefits paid		6,347,779		6,142,622
Administrative expenses		145,084		183,238
Total deductions		6,492,863		6,325,860
Net Increase (Decrease) in Net Position		(4,834,952)		(1,945,138)
Net Position Restricted for Pensions				
Beginning of year		60,421,847		62,366,985
End of year	\$	55,586,895	\$	60,421,847

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 1 - Summary of Significant Accounting Policies

Reporting Entity

The Board of Water and Light – City of Lansing, Michigan ("BWL") sponsors the Defined Benefit Plan and Trust for Employees' Pensions ("Plan"), which is a noncontributory single–employer defined benefit, public employee retirement system established and administered by the BWL under Section 5–203 of the City Charter. A participant's interest shall be fully vested when the participant has been credited with seven years of vesting service. The Plan was established in 1939 and has been amended several times, with the latest amendment taking effect on July 1, 2010. Participants should refer to the Plan Document for a more complete description of the Plan's provisions.

Accounting and Reporting Principles

The Plan follows accounting principles generally accepted in the United States of America (GAAP) as applicable to governmental units. Accounting and financial reporting pronouncements are promulgated by the Governmental Accounting Standards Board.

Basis of Accounting

Fiduciary funds use the economic resources measurement focus and the full accrual basis of accounting. Revenue is recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Employer contributions to the Plan are recognized when due pursuant to legal requirements. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

Report Presentation

This report includes the fund-based statements of the Plan.

Investment Valuation and Income Recognition – Investments are reported at fair value. Securities traded on a national or international exchange are valued at the last reported sales prices. Investments that do not have an established market are reported at estimated fair value.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 1 - Summary of Significant Accounting Policies (Continued)

Report Presentation (Continued)

Purchases and sales of securities are recorded on a trade-date basis.

Appreciation or depreciation of investments is calculated based on the beginning of year fair value of investments.

Expenses – Substantially all Plan expenses are paid by the Plan.

Use of Estimates – The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

Regulatory Status – The Plan is not subject to the reporting requirements of the Employee Retirement Income Security Act of 1974 (ERISA) as it has been established for the benefit of a governmental unit.

Note 2 - Plan Description

Plan Administration – The BWL administers the Plan – a noncontributory single-employer defined benefit pension plan for employees of the BWL. The benefit terms were established by the BWL and may be amended by future BWL actions.

Management of the Plan is vested in the BWL, which consists of eight members appointed by the mayor of the City of Lansing, Michigan.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 2 - Plan Description (Continued)

Plan Membership – At February 28, 2020 and February 28, 2019 (the most recent actuarial valuation for funding purposes), Plan membership consisted of the following:

	2020	2019
Inactive Plan members or beneficiaries currently receiving benefits	318	337
Inactive Plan members entitled to but not		
yet receiving benefits	3	3
Active Plan members	3	5
Total	324	345

The Plan, by resolution of the Board of Commissioners, was closed to employees hired subsequent to December 31, 1996, and a defined contribution plan was established for employees hired after December 31, 1996. Effective December 1, 1997, all active participants in this Plan were required to make an irrevocable choice to either remain in this Plan (defined benefit) or move to the newly established defined contribution plan. Those participants who elected to move to the defined contribution plan received lump–sum distributions from this Plan that were rolled into their accounts in the newly established defined contribution plan. Of the 760 employees who were required to make this election, 602 elected to convert their retirement benefits to the newly established defined contribution plan. As a result of this action, effective December 1, 1997, the Board of Commissioners transferred \$75,116,470 to the newly established defined contribution plan, reflecting the Plan participants' accumulated benefits as of said date.

Benefits Provided – The Plan provides retirement, early retirement, disability, termination, and death benefits. The Plan provides for an annual benefit upon normal retirement age equal to the product of the total number of years of credited service multiplied by a percentage equal to 1.80 percent of the highest annual pay during the last 10 years of service, paid in equal monthly installments.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 2 - Plan Description (Continued)

Payments will either be nonincreasing or increase only as follows: (a) by an annual percentage increase that does not exceed the annual percentage increase in a cost-of-living index that is based on prices of all items and issued by the Bureau of Labor Statistics; (b) to the extent of the reduction in the amount of the employee's payments to provide for a survivor benefit upon death, but only if the beneficiary whose life was being used to determine the distribution period described in subsection 8 dies or is no longer the employee's beneficiary pursuant to a qualified domestic relations order within the meaning of Internal Revenue Code Section 414(p); (c) to provide cash refunds of employee contributions upon the employee's death; or (d) to pay increased benefits that result from a Plan amendment.

Contributions – Article 9, Section 24 of the State of Michigan constitution requires that financial benefits arising on account of employee service rendered in each year be funded during that year. Accordingly, the BWL retains an independent actuary to determine the annual contribution. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by plan members during the year, with an additional amount to finance any unfunded accrued liability. There was no contribution required for the years ended June 30, 2020 and 2019. Plan documents do not require participant contributions.

Plan Termination – Although the BWL Pension Board has not expressed any intent to terminate the Plan, the BWL Pension Board has the right to do so at any time. If the Plan is terminated, each employee who has a pension benefit under the Plan will be fully vested in that benefit. Those benefits shall be calculated on Plan termination as though each person had elected to receive his or her accrued benefit as a lump sum amount, although no employee would be required to accept his or her Plan termination distribution in the form of a lump sum. The lump sum amount to be paid to each individual in any of the forms permitted by the Plan would be calculated in accordance with the Plan document. On termination of the Plan, each employee would have recourse toward satisfaction of his or her nonforfeitable benefit from the Plan assets and from the general assets of the BWL and its successor.

The Plan is also authorized by Michigan Public Act 314 of 1965, as amended, to invest in certain reverse repurchase agreements, stocks, diversified investment companies, annuity investment contracts, mortgages, real estate, debt or equity of certain small businesses, certain state and local government obligations, and certain other specified investment vehicles.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 3 - Cash, Investments, and Fair Disclosure

The Plan's deposits and investment policies are in accordance with PA 196 of 1997; the Plan has authorized the investments according to Michigan PA 314 of 1965, as amended.

Custodial Credit Risk of Bank Deposits – Custodial credit risk is the risk that in the event of a bank failure, the Plan's deposits may not be returned to it. The Plan requires that financial institutions must meet minimum criteria to offer adequate safety to the Plan. The Plan evaluates each financial institution with which it deposits funds and only those institutions meeting minimum established criteria are used as depositories. The Plan does not have any deposits exposed to custodial credit risk.

Custodial Credit Risk of Investments – Custodial credit risk is the risk that, in the event of the failure of the counterparty, the Plan will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Plan does not have a policy for custodial credit risk. At year end, all investments of the Plan were held in the name of the Plan and are therefore not subject to custodial credit risk.

Interest Rate Risk – Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of investments. The Plan's investment policy does not restrict investment maturities, other than commercial paper, which can only be purchased with maturities 270 days or less. The average maturities of investments are as follows as of June 30, 2020:

			Weighted
Investment	Fair	^r Value	Average Maturity
U.S. government obligations	\$	2	1.15 years
Money market trust fund	1	,402,445	Less than 1 year
Portfolio weighted average maturity			1.15 years

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 3 - Cash, Investments, and Fair Disclosure (Continued)

The average maturities of investments are as follows as of June 30, 2019:

			Weighted
Investment		Fair Value	Average Maturity
U.S. government obligations	\$	4,873,353	13.71 years
Fixed income securities		6,379,674	11.82 years
Money market trust fund		1,963,325	Less than 1 year
Portfolio weighted average maturity			12.64 years

Credit Risk – State law limits investments in commercial paper to the top two ratings issued by nationally recognized statistical rating organizations. The Plan has no investment policy that would further limit its investment choices. The credit quality ratings of debt securities are as follows as of June 30, 2020:

			Rating
Investment	Fair Value	Rating	Organization
U.S. government obligations - implicitly guaranteed	2	AA-	S&P
Money market trust funds	1,402,445	Not rated	Not rated

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 3 - Cash, Investments, and Fair Disclosure (Continued)

The credit quality ratings of debt securities are as follows as of June 30, 2019:

			Rating
Investment	Fair Value	Rating	Organization
U.S. government obligations - implicitly guaranteed	1,666,023	AA+	S&P
U.S. government obligations - implicitly guaranteed	59,624	AA	S&P
Fixed income securities	529,124	AAA	S&P
Fixed income securities	2,408,117	AA+	S&P
Fixed income securities	193,685	AA	S&P
Fixed income securities	151,245	AA-	S&P
Fixed income securities	239,539	A+	S&P
Fixed income securities	421,563	Α	S&P
Fixed income securities	589,348	A-	S&P
Fixed income securities	982,484	BBB+	S&P
Fixed income securities	504,100	BBB	S&P
Fixed income securities	276,899	BBB-	S&P
Fixed income securities	8,000	BB+	S&P
Fixed income securities	75,570	B-	S&P
Money market trust funds	1,963,325	Not rated	Not rated

Note 4 - 401(h) Account

Effective July 1, 1999, the Plan was amended to include a medical-benefit component, in addition to the normal retirement benefits, to fund a portion of the postretirement obligations for certain retirees and their beneficiaries in accordance with Section 401(h) of the Internal Revenue Code (IRC). A separate account has been established and maintained in the Plan for the net assets related to the medical-benefit component 401(h) account. In accordance with IRC Section 401(h), the Plan's investments in the 401(h) account may not be used for, or diverted to, any purpose other than providing health benefits for retirees and their beneficiaries. Employer contributions or qualified transfers to the 401(h) account are determined annually and are at the discretion of the Plan sponsor. At June 30, 2020 and 2019, there were no excess Plan assets available for transfer.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 5 - Tax Status

The Plan obtained, from the Internal Revenue Service, a determination letter dated November 4, 2011. The letter affirmed that the Plan complied with the requirements of Internal Revenue Code section 401(a). The Plan continues to operate as a qualified plan.

Note 6 - Plan Investments - Policy and Rate of Return

Investment Policy – The Plan's policy in regard to the allocation of invested assets is established and may be amended by the BWL by a majority vote of its members. It is the policy of the board to pursue an investment strategy that manages risk through the prudent diversification of the portfolio across a broad selection of distinct asset classes. The Plan's investment policy discourages the use of cash equivalents, except for liquidity purposes, and aims to refrain from dramatically shifting asset class allocations over short time spans. The following was the BWL's adopted asset allocation policy as of June 30, 2020 and 2019:

Asset Class	2020 Target Allocation	2019 Target Allocation		
Global Fixed Income	40%	40%		
U.S. Equities	35%	35%		
Non-U.S. Equities	20%	20%		
Commercial real estate	5%	5%		

Rate of Return – For the year ended June 30, 2020, the annual money-weighted rate of return on plan investments, net of plan investment expense, was 2.90 percent. For the year ended June 30, 2019, the annual money-weighted rate of return on plan investments, net of plan investment expense, was 7.39 percent. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 7 - Net Pension Asset of the BWL

The components of the net pension asset of the BWL at June 30, 2020 and 2019 were as follows (in thousands):

	 2020	 2019
Total pension liability	\$ 52,198	\$ 53,826
Plan fiduciary net pension	 55,586	 60,422
Plan's net pension asset	\$ (3,388)	\$ (6,596)
Plan fiduciary net position, as a percentage of the total pension liability	106.49%	112.25%

Actuarial Assumptions - The June 30, 2020 total pension liability was determined by an actuarial valuation as of February 29, 2020, which used updated procedures to roll forward the estimated liability to June 30, 2020. The June 30, 2019 total pension liability was determined by an actuarial valuation as of February 28, 2019, which used updated procedures to roll forward the estimated liability to June 30, 2019. The total pension liability is determined by the Plan's independent actuary and is that amount that results from applying actuarial assumptions to adjust the total pension liability to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment. Benassist Actuaries was the actuary for the February 28, 2020 and February 28, 2019 valuations, respectively. The inflation rate used was 2.3 percent and 2.5 percent for the February 28, 2020 and February 28, 2019 valuations, respectively. Salary increase used was 3.5 percent for both the February 28, 2020 and February 28, 2019 valuations, respectively. The most recent experience review was completed in 2014. Since the Plan only covered 17 active participants in fiscal year 2014, assumptions like termination, retirement, and disability have an immaterial impact on the results and have not been changed.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 7 - Net Pension Asset of the BWL (Continued)

The mortality table was based on the PUB-2010 General Mortality Table, Male and Female, projected generationally using the MP-2019 projection scale for the June 30, 2020 valuation. The June 30, 2019 valuation used the PUB-2010 General Mortality Table, Male and Female, projected generationally using the MP-2018 projection scale.

Discount Rate – The discount rate used to measure the total pension liability was 6.5 percent for June 30, 2020. The June 30, 2019 valuation used a 7.0 discount rate. The projection of cash flows used to determine the discount rate in both years assumed that BWL contributions will be made at rates equal to the actuarially determined contribution rates.

Projected Cash Flows Section – Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on Plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

The long-term expected rate of return on Plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of Plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return as of June 30, 2020 and 2019 for each major asset class included in the Plan's target asset allocation, as disclosed in Note 6, are summarized in the following table:

Rate
Ra —

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 7 - Net Pension Asset of the BWL (Continued)

Sensitivity of the Net Pension Asset to Changes in the Discount Rate – The following presents the net pension asset of the BWL at June 30, 2020, calculated using the discount rate of 6.50 percent, as well as what the BWL's net pension asset would be if it were calculated using a discount rate that is 1 percentage point lower (5.50 percent) or 1 percentage point higher (7.50 percent) than the current rate:

	Current					
	1	1% Decrease	D	iscount Rate		1% Increase
		(5.50%)		(6.50%)		(7.50%)
Net pension liability (asset) of the						
BWL	\$	(1,477,448)	\$	(3,388,473)	\$	(6,060,344)

The following presents the net pension asset of the BWL at June 30, 2019, calculated using the discount rate of 7.0 percent, as well as what the BWL's net pension asset would be if it were calculated using a discount rate that is 1 percentage point lower (6.0 percent) or 1 percentage point higher (8.0 percent) than the current rate:

	Current						
		1% Decrease (6.00%)		Discount Rate (7.00%)		1% Increase (8.00%)	
Net pension liability (asset) of the							
BWL	\$	(1,697,353)	\$	(6,595,727)	\$	(9,364,768)	

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 8 – Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three Levels of the fair value hierarchy under authoritative guidance are described as follows:

- Level 1 Inputs to the valuation methodology are unadjusted quoted market prices for identical assets in active markets that the Plan has the ability to access.
- Level 2 Inputs to the valuation methodology include:
 - > quoted prices for similar assets or liabilities in active markets;
 - > quoted prices for identical or similar assets or liabilities in inactive markets;
 - > inputs other than quoted prices that are observable for the asset or liability:
 - > inputs that are derived principally from or corroborated by observable market data by correlation or other means; and
 - > if the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.
- Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observables and minimize the use of unobservable inputs.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 8 – Fair Value Measurements (Continued)

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at June 30, 2020 and 2019:

Money market fund: Valued at the quoted net asset value ("NAV") of shares held by the Plan at year end.

U.S. government obligations, common stock and fixed income securities: Valued at the most recent closing price reported on the market on which individual securities are traded.

Mutual and common collective funds: Valued at the daily closing price as reported by the fund. Mutual and common collective funds held by the Plan are open-end mutual and common collective funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily NAV and to transact at that price. The mutual and common collective funds held by the Plan are deemed to be actively traded.

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 8 – Fair Value Measurements (Continued)

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of June 30, 2020 and 2019:

	June 30, 2020							
Investment Type	Level 1	Level 2	Level 3	Total				
Cash and money market trust fund	\$ -	\$ 1,402,445	\$ -	\$ 1,402,445				
U.S. government obligations	-	2	-	2				
Mutual funds	-	27,724,349	_	27,724,349				
Common collective funds	-	15,936,209	_	15,936,209				
Common stocks	10,521,643			10,521,643				
Total	\$ 10,521,643	\$ 45,063,005	\$ _	\$ 55,584,648				
	June 30, 2019							
Investment Type	Level 1	Level 2	Level 3	Total				
Cash and money market trust fund	\$ -	\$ 1,963,325	\$ -	\$ 1,963,325				
U.S. government obligations	-	4,873,353	-	4,873,353				
Fixed income securities	-	6,379,674	-	6,379,674				
Mutual funds	-	30,566,813	_	30,566,813				
Common collective funds	-	6,029,465		6,029,465				
Common stocks	10,529,824			10,529,824				
Total	\$ 10,529,824	\$ 49,812,630	\$ -	\$ 60,342,454				

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

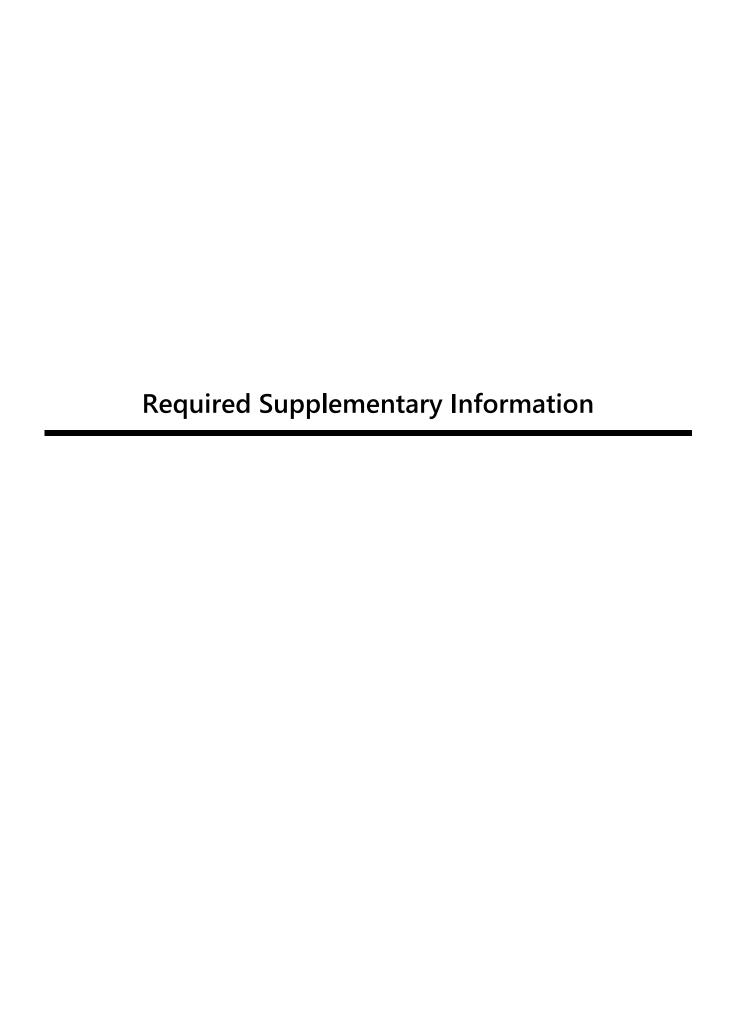
Note 9 – Risks and Uncertainties

The total pension liability is reported based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

In addition, the Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the Statement of Plan Fiduciary Net Position.

Note 10 – Subsequent Events

The Plan has evaluated subsequent events occurring through the date that the Plan's financial statements were approved and available to be issued, for events requiring recording or disclosure in the Plan's financial statements. There are no subsequent events warranting disclosures.



Required Supplemental Information (Unaudited)
Schedule of Changes in the BWL's
Net Pension Asset and Related Ratios
Last Ten Fiscal Years
(in thousands)

	 2020	2019	2018	2017	2016	2015	2014	2013	2012*	2011*
Total Pension Liability										
Service cost	\$ 42 \$	60	\$ 50	\$ 113 \$	223 \$	\$ 274 \$	349 \$	407	\$	- \$ -
Interest	3,566	3,691	4,031	4,317	4,625	4,919	4,751	5,085		
Changes in benefit terms	-	-	-	-	-	-	-	-		
Differences between expected and actual experience	(919)	(743)	(230)	(383)	299	(1,093)	964	(1,716)		
Changes in assumptions	1,555	1,210	1,419	(857)	(1,468)	-	4,538	-		
Benefit payments, including refunds	 (5,872)	(6,143)	(6,414)	(7,473)	(7,896)	(8,046)	(8,541)	(7,777)		<u></u>
Net Change in Total Pension Liability	(1,628)	(1,925)	(1,144)	(4,283)	(4,217)	(3,946)	2,061	(4,001)		
Total Pension Liability - Beginning of year	 53,826	55,751	56,895	61,178	65,395	69,341	67,280	71,281		<u> </u>
Total Pension Liability - End of year	52,198	53,826	55,751	56,895	61,178	65,395	69,341	67,280		
Plan Net Position										
Contributions - Employer	-	-	-	-	-	-	-	-		
Contributions - Member	-	-	-	-	-	-	-	-		
Net investment income	1,658	4,381	3,112	8,272	47	1,771	14,243	10,170		
Administrative expenses	(145)	(183)	(255)	(317)	(388)	(576)	(596)	(536)		
Benefit payments, including refunds	(5,872)	(6,143)	(6,414)	(7,473)	(7,896)	(8,045)	(8,541)	(7,777)		
Other	 (477)				<u>-</u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>
Net change in Net Position Held in Trust	(4,836)	(1,945)	(3,557)	482	(8,237)	(6,850)	5,106	1,857		
Net Position Restricted for Pensions - Beginning of year	 60,422	62,367	65,924	65,442	73,679	80,529	75,424	73,567		<u> </u>
Net Position Restricted for Pensions - End of year	 55,586	60,422	62,367	65,924	65,442	73,679	80,530	75,424		<u> </u>
BWL Net Pension Asset - Ending	\$ (3,388) \$	(6,596)	\$ (6,616)	\$ (9,029) \$	(4,264) \$	(8,284) \$	(11,189) \$	(8,144)	\$	<u>-</u> \$ -
Plan Net Position as a % of Total Pension Liability	106.49%	112.25%	111.87%	115.87%	106.97%	112.67%	116.14%	112.10%	- %	6 - %
Covered Employee Payroll	\$ 240 \$	406			772 \$	1,018 \$		1,684		\$ -
BWL's Net Pension Asset as a % of Covered Employee Payroll	(1,412%)	(1,625%)	(1,097%)	(1,541%)	(552%)	(814%)	(913%)	(484%)	- %	6 - %

^{*}GASB Statement No. 67 was implemented as of June 30, 2014. Information from 2011 - 2012 is not available and this schedule will be presented on a prospective basis.

Required Supplemental Information (Unaudited)
Schedule of Employer Contributions
Last Ten Fiscal Years
(in thousands)

	 2020	 2019	 2018	 2017	 2016	 2015	 2014	 2013	 2012	 2011
Actuarially determined contribution Contributions in relation to the actuarially determined contribution	\$ - -	\$ - -	\$ -	\$ - -	\$ - -	\$ - -	\$ -	\$ - -	\$ -	\$ 86 86
Contribution Deficiency (Excess)	\$ 	\$ 	\$ 	\$ 	\$ 	\$ 	\$ 	\$ 	\$ 	\$
Covered Employee Payroll	\$ 240	\$ 406	\$ 603	\$ 586	\$ 772	\$ 1,018	\$ 1,225	\$ 1,684	\$ 2,101	\$ 2,398
Contributions as a Percentage of Covered Employee Payroll	- %	- %	- %	- %	- %	- %	- %	- %	- %	3.59%

Notes to Required Supplementary Information (Unaudited) Years Ended June 30, 2020 and 2019

Actuarial valuation information relative to the determination of contributions:

Valuation date June 30, 2020, based on roll-forward of February 28, 2020 valuation

Methods and assumptions used to determine contribution rates:

Actuarial cost method Entry age method

Amortization method Level dollar over a 15-year period

Remaining amortization period 15 years

Asset valuation method Market value of the assets

Inflation 2.25 percent

Salary increases 3.5 percent per year

Investment rate of return 6.5 percent per year compounded annually

Mortality PUB-2010 General Mortality Table with MP-2019 Improvement Scale

Actuarial valuation information relative to the determination of contributions:

Valuation date June 30, 2019, based on roll-forward of February 28, 2019 valuation

Methods and assumptions used to determine contribution rates:

Actuarial cost method Entry age method

Amortization method Level dollar over a 15-year period

Remaining amortization period 15 years

Asset valuation method Market value of the assets

Inflation 2.5 percent

Salary increases 3.5 percent per year

Investment rate of return 7.0 percent per year compounded annually

Mortality PUB-2010 General Mortality Table with MP-2018 Improvement Scale

Notes to Required Supplementary Information (Unaudited) Years Ended June 30, 2020 and 2019

Significant Changes:

June 30, 2020

- > Difference between actual and expected experience The \$.92MM actuarial gain on the Total Pension Liability for the fiscal year ending June 30, 2020 is primarily attributable to participant deaths.
- Assumption change The plan experienced a \$1.55MM actuarial loss due to the change in the mortality improvement scale and the decrease the discount rate from 7.00% to 6.50%. Updating the mortality improvement scale to the MP-2019 scale resulted in a \$.22MM actuarial gain and decreasing the discount rate resulted in a \$1.77MM actuarial loss. The combination of these two changes resulted in an overall actuarial loss of \$1.55MM.

June 30, 2019

- > Difference between actual and expected experience The \$.74MM gain on the Total Pension Liability for the fiscal year ending June 30, 2019 is primarily attributable to participant deaths.
- Assumption change The plan experienced a \$1.21MM loss due to the change of the mortality assumption from the RP-2014 Total Dataset Mortality adjusted to 2006 and projected generationally using the MP-2017 improvement scale to the PUB-2010 General Employees Mortality, projected generationally using the MP-2018 improvement scale.

June 30, 2018

- > Difference between actual and expected experience The \$230,000 gain on the Total Pension Liability for the fiscal year ending June 30, 2018 is primarily attributable to participant deaths.
- > Assumption change Assumptions for the discount rate and expected return on assets were decreased from 7.50% to 7.00% to reflect the expected long term rate of return on the trust.

June 30, 2017

- > Difference between actual and expected experience The \$383,000 gain on the Total Pension Liability for the fiscal year ending June 30, 2017 is primarily attributable to participant deaths.
- > Assumption change The plan experienced a \$.86MM gain due to the change of the mortality assumption from the RP-2014 table projected generationally with Scale MP-2014 with MP-2016 Improvement Scale.

Notes to Required Supplementary Information (Unaudited) Years Ended June 30, 2020 and 2019

Significant Changes (Continued):

June 30, 2016

- > Difference between actual and expected experience The \$299,000 loss on the Total Pension Liability for the fiscal year ending June 30, 2016 is primarily attributable to participant deaths.
- > Assumption change The plan experienced a \$1.47MM gain due to the change of the mortality assumption from the RP-2014 table projected generationally with Scale MP-2014 with MP-2015 Improvement Scale.

June 30, 2014

- > Difference between actual and expected experience The \$964,000 loss on the Total Pension Liability for the fiscal year ending June 30, 2014 is primarily attributable to participant deaths.
- > Assumption change The plan experienced a \$4.54MM loss due to the change of the mortality assumption from the RP2000CH table projected to 2018 with Scale AA to the RP-2014 table projected generationally with Scale MP-2014.

Required Supplemental Information (Unaudited) Schedule of Investment Returns Last Ten Fiscal Years

	2020	2019	2018	2017	2016	2015	2014	2013*	2012*	2011*
Annual money-weighted rate of return,										
net of investment expense	2.90%	7.39%	4.97%	12.10%	(0.49%)	1.55%	19.18%	- %	- %	- %

^{*}GASB 67 was implemented as of June 30, 2014. Information from 2011 - 2013 is not available and this schedule will be presented on a prospective basis

Defined Benefit Plan for Employees' Pensions
June 30, 2020 GASB 67/68 Report
July 14, 2020



Defined Benefit Plan for Employees' Pensions

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Defined Benefit Plan for Employees' Pensions

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Executive Summary

Governmental accounting requirements and purpose of this report

The Governmental Accounting Standards Board Statements No. 67 and No. 68 require trusts (GASB 67) and employers (GASB 68) to accrue the cost associated with pension benefits while eligible employees are providing services to the employer. The purpose of this actuarial valuation report is to provide the Lansing Board of Water and Light (the "Board") with:

- 1) The amount of accrued liability related to the Board's pension plan (Total Pension Liability) using the most recent census data and discount rate;
- 2) The funded status of the plan;
- 3) The actuarial determined contribution; and
- 4) The GASB 67/68 expense and disclosure information needed to fulfill the Board's financial reporting requirements for the current fiscal year.

Key measures for the prior and current fiscal years		6/30/2019	6/30/20		
Active participants		5		3	
Terminated vested participants		3		3	
Retired, disabled and surviving participants		337		318	
Total		345		324	
Present value of future benefits (PVFB)	\$	54,004,187	\$	52,298,238	
Total pension liability (TPL)	\$	53,826,119	\$	52,198,422	
Fiduciary net position (FNP)	\$	60,421,846	\$	55,586,895	
Net pension liability (NPL)	\$	(6,595,727)	\$	(3,388,473)	
Funded status		112.25%		106.49%	
Pension expense	\$	1,615,812	\$	1,902,047	
Actuarially determined contribution	\$	0	\$	0	
Key assumptions					
Census date		2/28/2019		2/29/2020	
Valuation date		2/28/2019		2/29/2020	
Measurement date		6/30/2019		6/30/2020	
Discount rate		7.00%		6.50%	
Expected long term rate of return on plan assets		7.00%		6.50%	
Actuarial cost method	En	try Age Normal	En	try Age Normal	



Executive Summary (continued)

Discount rate

Pursuant to GASB 67/68, projected benefit payments are required to be discounted to their actuarial present value using a Single Discount Rate that reflects (1) a long-term expected rate of return on plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits) and (2) a tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA/Aa credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on plan investments is 6.50%; the municipal bond rate is 2.21% (based on the daily rate closest to but not later than the measurement date of the Bond Buyer "20-Bond GO Index"); and the resulting Single Discount Rate is 6.50%.

The plan's fiduciary net position was projected to cover all future pension benefit payments. Therefore, we determined the discount rate to be the long-term expected rate of return on plan investments.

Assumption and method changes from the prior year

The mortality improvement scale was updated to the MP-2019 scale. The discount rate was decreased from 7.00% to 6.50%.



Actuarial Certification

July 14, 2020

This report presents actuarial and accounting results related to the Lansing Board of Water and Light Defined Benefit Plan for Employees' Pensions (the "Plan"). The results herein were prepared pursuant to Governmental Accounting Standards Board Statements 67 and 68 ("GASB 67/68").

The primary purpose of this report is to provide financial statement information pursuant to GASB 67/68 for the fiscal year ending June 30, 2020. The results of our calculations are set forth in this report, as are the actuarial assumptions and methods and a brief summary of the eligibility criteria and benefits for retirees.

To the best of our knowledge, the information supplied in this report is complete and accurate. The analysis and calculations were conducted in a manner consistent with the Standards of Professional Conduct, Qualifications, and Practice of the American Academy of Actuaries and consistent with the standards of practice of the Actuarial Standards Board.

All costs, liabilities, rates of interest, and other factors under the Plan have been determined on the basis of actuarial assumptions and methods which are reasonable and consistent with our understanding of GASB 67/68. All assumptions have been discussed with Lansing Board of Water and Light and appear to represent the best estimate of anticipated experience under the Plan. In preparing this report we relied on the census data, plan provisions, and other plan financial information provided by the Lansing Board of Water and Light. Actuarial computations under GASB 67/68 are for purposes of fulfilling employer financial accounting requirements. Determinations for purposes other than meeting employer financial accounting requirements may be significantly different from the results contained in this report.

Respectfully Submitted,

Mark W. Miller, ASA, EA, MAAA, FCA Benassist Retirement Consulting, LLC



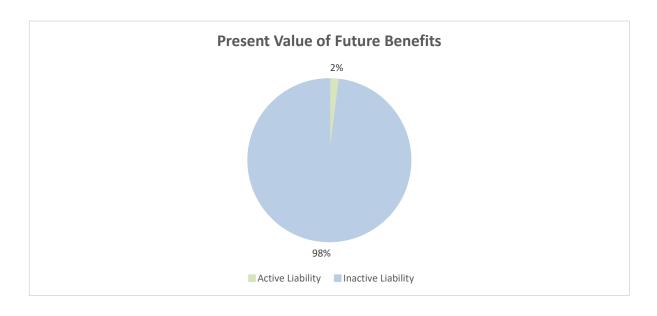
Summary of Key Results

	6/30/2019	6/30/2020
Census data summary		
Active participants	5	3
Terminated vested participants	3	3
Retired, disabled and surviving participants	 337	 318
Total	345	324
Covered payroll	\$ 405,694	\$ 240,482
Present value of future benefits (PVFB)		
Active participants	\$ 2,179,148	\$ 1,206,095
Terminated vested participants	\$ 283,757	323,775
Retired, disabled and surviving participants	 51,541,282	 50,768,368
Total	\$ 54,004,187	\$ 52,298,238
Present value of future normal costs (PVFNC)	\$ 178,068	\$ 99,816
Total pension liability (TPL)		
Active participants	\$ 2,001,080	\$ 1,106,279
Terminated vested participants	\$ 283,757	323,775
Retired, disabled and surviving participants	 51,541,282	 50,768,368
Total	\$ 53,826,119	\$ 52,198,422
Fiduciary net position (FNP)	\$ 60,421,846	\$ 55,586,895
Net pension liability (NPL)	\$ (6,595,727)	\$ (3,388,473)
Funded status	112.25%	106.49%
Pension expense	\$ 1,615,812	\$ 1,902,047
Contribution		
Actuarially determined contribution	\$ 0	\$ 0
Actuarially determined contribution as a % of covered payroll	0.00%	0.00%



June 30, 2020 GASB 67/68 Report

Present Value of Future Benefits



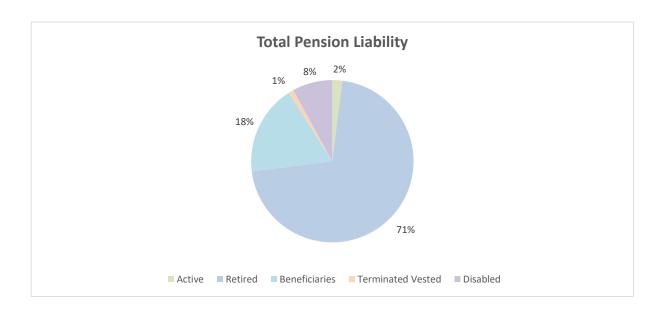
	6/30/2019	6/30/2020
Present value of future benefits		
Active participants	\$ 2,179,148	\$ 1,206,095
Inactive participants		
Retired	\$ 37,973,624	\$ 37,070,224
Beneficiaries	9,112,226	9,401,889
Disabled	4,455,432	4,296,255
Terminated vested	 283,757	 323,775
Total inactive	51,825,039	51,092,143
Total	\$ 54,004,187	\$ 52,298,238
Fiduciary net position (FNP)	\$ 60,421,846	\$ 55,586,895
Unfunded present value of future benefits (surplus)	\$ (6,417,659)	\$ (3,288,657)



Defined Benefit Plan for Employees' Pensions

June 30, 2020 GASB 67/68 Report

Total Pension Liability



		6/30/2019	6/30/2020	
Total pension liability				
Active participants	\$	2,001,080	\$	1,106,279
Inactive participants				
Retired	\$	37,973,624	\$	37,070,224
Beneficiaries		9,112,226		9,401,889
Disabled		4,455,432		4,296,255
Terminated vested		283,757		323,775
Total inactive		51,825,039		51,092,143
Total	<u>\$</u>	53,826,119	\$	52,198,422
Fiduciary net position (FNP)	\$	60,421,846	\$	55,586,895
Net pension liability (NPL)	\$	(6,595,727)	\$	(3,388,473)
Service cost	\$	39,592	\$	24,447



Defined Benefit Plan for Employees' Pensions

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Statement of Fiduciary Net Position

	6/30/2019	6/30/2020
Assets		
Cash and deposits	\$ 1,963,325	\$ 1,402,445
Receivables		
Contributions	0	0
Due from broker for investments sold	0	0
Net receivable on investments	 85,635	 2,247
Total receivables	\$ 85,635	\$ 2,247
Investments		
U.S. government and agencies	4,873,353	0
Corporate bonds and notes	6,379,674	2
U.S. common stocks	7,512,850	7,429,429
Common collective fund - other	6,029,465	15,936,209
Mutual funds	30,566,813	27,724,349
Real estate	 3,016,974	 3,092,214
Total investments	\$ 58,379,129	\$ 54,182,203
Total assets	\$ 60,428,089	\$ 55,586,895
Liabilities		
Payables:		
Investment management fees	\$ 0	\$ 0
Due to broker for investments purchased	 (6,243)	 0
Total payables	\$ (6,243)	\$ 0
Total liabilities	\$ (6,243)	\$ 0
Net position restricted for pensions	\$ 60,421,846	\$ 55,586,895

Investment Policy - A detailed description of the investment policy for the plan can be found in the Lansing Board of Water and Light Defined Benefit Plan for Employees" Pensions Statement of Investment Policies, Procedures and Objectives.



Defined Benefit Plan for Employees' Pensions

June 30, 2020 GASB 67/68 Report

Statement of Changes in Fiduciary Net Position

	6/30/2019	6/30/2020
Additions		
Contributions		
Employer	\$ 0	\$ 0
Employee	 0	 0
Total contributions	\$ 0	\$ 0
Investment income		
Net increase in fair value of investments	\$ 2,540,531	\$ 492,125
Interest and dividends	1,840,190	1,165,787
Less investment expense	 0	 0
Net investment income	\$ 4,380,721	\$ 1,657,912
Total additions	\$ 4,380,721	\$ 1,657,912
Deductions		
Benefit payments	\$ (6,142,622)	\$ (6,347,779)
Administrative expenses	 (183,238)	 (145,084)
Total deductions	\$ (6,325,860)	\$ (6,492,863)
Net increase in net position	\$ (1,945,139)	\$ (4,834,951)
Net position restricted for pensions		
Beginning of year	\$ 62,366,985	\$ 60,421,846
End of year	\$ 60,421,846	\$ 55,586,895



Defined Benefit Plan for Employees' Pensions

June 30, 2020 GASB 67/68 Report

Changes in the Net Pension Liability

	Increase (Decrease)									
_		otal Pension Liability (a)	Fi	duciary Net Position (b)	Net Pension Liability (a)-(b)					
Balances at 6/30/2019	\$	53,826,119	\$	60,421,846	\$	(6,595,727)				
Changes for the year										
Service cost		42,363		0		42,363				
Interest		3,565,796		0		3,565,796				
Change of benefit terms		0		(476,125)		476,125				
Differences between expected and actual experience		(918,913)		0		(918,913)				
Change in assumptions and other inputs		1,554,711		0		1,554,711				
Contributions - employer		0		0		0				
Contributions - retiree		0		0		0				
Net investment income		0		1,657,912		(1,657,912)				
Benefit payments and refunds of employee contributions		(5,871,654)		(5,871,654)		0				
Administrative expense		0		(145,084)		145,084				
Other changes		0		0		0				
Net changes	\$	(1,627,697)	\$	(4,834,951)	\$	3,207,254				

Notes

Balances at 6/30/2020

The Net Pension Liability (NPL) is equal to the Total Pension Liability (TPL) minus the Fiduciary Net Position (FNP), or market value of assets. Pension Expense includes amounts for: service cost, interest on the TPL, changes in the benefit structure, recognition of increases/decreases in liability due to actual vs. expected experience, actuarial assumption changes, investment gains/losses on the market value of assets and expected return on plan assets. The impact of actual experience and assumption changes are recognized over the average expected remaining service life of the plan participants, while investment gains/losses are recognized equally over five years.

52,198,422

\$

55,586,895

\$



(3,388,473)

Defined Benefit Plan for Employees' Pensions

June 30, 2020 GASB 67/68 Report

Schedule of Changes in the Net Pension Liability

	6/30/2020	6/30/2019	6/30/2018	6/30/2017	6/30/2016	6/30/2015	6/30/2014
Total pension liability							
Service cost	\$ 42,363	\$ 60,468	\$ 50,072	\$ 112,672	\$ 223,219	\$ 274,052	\$ 348,952
Interest	3,565,796	3,691,180	4,030,924	4,316,565	4,625,283	4,919,427	4,751,843
Change of benefit terms	0	0	0	0	0	0	0
Difference between expected and actual experience	(918,913)	(743,020)	(229,751)	(383,137)	299,179	(1,093,705)	964,016
Change in assumptions and other inputs	1,554,711	1,209,610	1,418,554	(856,662)	(1,469,174)	0	4,538,152
Benefit payments	(5,871,654)	(6,142,622)	(6,413,954)	(7,472,625)	(7,895,767)	(8,045,948)	(8,541,275)
Refunds of contributions	0	0	0	0	0	0	0
Net change in total pension liability	\$ (1,627,697)	\$ (1,924,384)	\$ (1,144,155)	\$ (4,283,187)	\$ (4,217,260)	\$ (3,946,174)	\$ 2,061,688
Total pension liability - beginning	53,826,119	55,750,503	56,894,658	61,177,845	65,395,105	69,341,279	67,279,591
Total pension liability - ending (a)	\$ 52,198,422	\$ 53,826,119	\$ 55,750,503	\$ 56,894,658	\$ 61,177,845	\$ 65,395,105	\$ 69,341,279
Fiduciary net position							
Contributions - employer	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Contributions - non-employer	0	0	0	0	0	0	0
Contributions - member	0	0	0	0	0	0	0
Net investment income	1,657,912	4,380,721	3,112,090	8,271,674	46,762	1,771,424	14,243,164
Benefit payments	(5,871,654)	(6,142,622)	(6,413,954)	(7,472,625)	(7,895,767)	(8,045,948)	(8,541,275)
Administrative expense	(145,084)	(183,238)	(254,964)	(317,071)	(388,495)	(576,122)	(595,925)
Refunds of contributions	0	0	0	0	0	0	0
Other - 2/29/2020 COLA	(476,125)	0	0	0	0	0	0
Net change in fiduciary net position	(4,834,951)	(1,945,139)	(3,556,828)	481,978	(8,237,500)	(6,850,646)	5,105,964
Fiduciary net position - beginning	60,421,846	62,366,985	65,923,813	65,441,835	73,679,335	80,529,981	75,424,017
Fiduciary net position - ending (b)	\$ 55,586,895	\$ 60,421,846	\$ 62,366,985	\$ 65,923,813	\$ 65,441,835	\$ 73,679,335	\$ 80,529,981
Net pension liability - ending (a)-(b)	\$ (3,388,473)	\$ (6,595,727)	\$ (6,616,482)	\$ (9,029,155)	\$ (4,263,990)	\$ (8,284,230)	\$ (11,188,702)
Plan fiduciary net position as a percentage of the total pension liability	106.49%	112.25%	111.87%	115.87%	106.97%	112.67%	116.14%
Covered payroll	240,482	405,694	603,382	586,181	771,810	1,017,849	1,224,727
Net pension liability as a percentage of covered payroll	-1409.03%	-1625.79%	-1096.57%	-1540.34%	-552.47%	-813.90%	-913.57%
Census date Measurement date Reporting date	2/29/2020 6/30/2020 6/30/2020	2/28/2019 6/30/2019 6/30/2019	2/28/2018 6/30/2018 6/30/2018	2/28/2017 6/30/2017 6/30/2017	2/28/2016 6/30/2016 6/30/2016	2/28/2015 6/30/2015 6/30/2015	2/28/2014 6/30/2014 6/30/2014



Development of Net Pension Liability (Gain) / Loss

		6/30/2019	6/30/2020
Total pension liability			
Total pension liability at BOY	\$	55,750,503	\$ 53,826,119
Service cost		60,468	42,363
Benefit payments		(6,142,622)	(5,871,654)
Expected interest		3,691,180	3,565,796
Assumption change		1,209,610	1,554,711
Expected total pension liability at EOY		54,569,139	53,117,335
Actual total pension liability at EOY		53,826,119	52,198,422
Total pension liability (gain) / loss	\$	(743,020)	\$ (918,913)
Fiduciary net position	_		
Fiduciary net position at BOY	\$	62,366,985	\$ 60,421,846
Employer contributions		0	0
Employee contributions		0	0
Benefit payments		(6,142,622)	(6,347,779)
Administrative expenses		(183,238)	(145,084)
Expected net investment income		4,148,028	 4,006,123
Expected fiduciary net position at EOY		60,189,153	57,935,106
Actual fiduciary net position at EOY	\$	60,421,846	55,586,895
Fiduciary net position (gain) / loss	\$	(232,693)	\$ 2,348,211
Net pension liability (gain) / loss	<u>\$</u>	(975,713)	\$ 1,429,298

<u>Note</u>

Notes for the fiscal years shown above are provided on page 14.



Notes to Schedule of Changes in the Net Pension Liability

June 30, 2020

- Difference between actual and expected experience The \$.92MM actuarial gain on the Total Pension Liability for the fiscal year ending June 30, 2020 is primarily attributable to participant deaths.
- Assumption change The plan experienced a \$1.55MM actuarial loss due to the change in the mortality improvement scale and the decrease the discount rate from 7.00% to 6.50%. Updating the mortality improvement scale to the MP-2019 scale resulted in a \$.22MM actuarial gain and decreasing the discount rate resulted in a \$1.77MM actuarial loss. The combination of these two changes resulted in an overall actuarial loss of \$1.55MM.
- Investment loss The plan experienced a \$2.35MM loss on plan assets during the fiscal year ending June 30, 2020 due to the actual return on assets equaling 2.90% vs. an expected return of 7.00%.

June 30, 2019

- Difference between actual and expected experience The \$.74MM gain on the Total Pension Liability for the fiscal year ending June 30, 2019 is primarily attributable to participant deaths.
- Assumption change The plan experienced a \$1.21MM loss due to the change of the mortality assumption from the RP-2014 Total Dataset Mortality adjusted to 2006 and projected generationally using the MP-2017 improvement scale to the PUB-2010 General Employees Mortality, projected generationally using the MP-2018 improvement scale.
- Investment loss The plan experienced a \$.23MM gain on plan assets during the fiscal year ending June 30, 2019 due to the actual return on assets equaling 7.39% vs. an expected return of 7.00%.

June 30, 2018

- Difference between actual and expected experience The \$230,000 gain on the Total Pension Liability for the fiscal year ending June 30, 2018 is primarily attributable to participant deaths.
- Assumption change Assumptions for the discount rate and expected return on assets were decreased from 7.50% to 7.00% to reflect the expected long term rate of return on the trust.
- Investment loss During the fiscal year ending June 30, 2018 the actual return on assets was 4.97% vs. an
 expected return of 7.50%.



Sensitivity of the net pension liability to changes in the discount rate - The following presents the net pension liability, calculated using the discount rate of 6.50%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower (5.50%) or 1-percentage point higher (7.50%) than the current rate:

	 1% Decrease (5.50%)	Current Discount ate (6.50%)	1% Increase (7.50%)
Net pension liability (asset)	\$ 1,477,448	\$ (3,388,473)	\$ (6,060,344)



Pension Expense

	6/30/2019		6/30/2020
Service cost with interest	\$ 60,468	\$	42,363
Interest on the total pension liability	3,691,180		3,565,796
Change of benefit terms	0		476,125
Expensed portion of current-period difference between expected and actual experience in the total pension liability	(743,020)		(918,913)
Expensed portion of current-period changes in assumptions	1,209,610		1,554,711
Expensed portion of current-period difference between expected and actual earnings on plan investments	(46,539)		469,642
Employee contributions	0		0
Expected earnings on pension plan investments	(4,148,028)		(4,006,123)
Administrative expenses	183,238		145,084
Recognition of deferred inflows	(731,130)		(777,669)
Recognition of deferred outflows	 2,140,033	_	1,351,031
Pension expense	\$ 1,615,812	\$	1,902,047
Census date	2/28/2019		2/29/2020
Measurement date	6/30/2019		6/30/2020
Reporting date	6/30/2019		6/30/2020
Discount rate	7.00%		6.50%
Expected return on assets	7.00%		6.50%

<u>Note</u>

The expected earnings on pension plan investments for the June 30, 2020 fiscal year is based on a 7.00% expected return on plan assets. The expected earnings on pension plan investments for the 2021 fiscal year will be based on a 6.50% expected return on assets.



Deferred Inflows and Outflows

The following table provides a summary of the deferred inflows and outflows as of 6/30/2020.

	 rred Outflows Resources	 erred Inflows Resources
Differences between expected and actual experience	\$ 0	\$ 0
Changes of assumptions or other inputs	0	0
Net difference between projected and actual earnings on plan investments	 2,513,221	 (870,745)
Total	\$ 2,513,221	\$ (870,745)

Collective amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense in future years as follows:

Year Ended June 30	Defer of I	erred Inflows Resources	
2021	\$	786,969	\$ (777,669)
2022		786,967	(46,539)
2023		469,642	(46,537)
2024		469,643	0
2025		0	0
Thereafter		0	0



Amortization Schedule

Date		Initial	(Outstanding	Years	2020
Established	Description	Amount		Balance	Remaining	Installment
6/30/2017	Actuarial (Gain)/Loss	\$ (383,137)	\$	0	0.00	\$ 0
6/30/2018	Actuarial (Gain)/Loss	(229,751)		0	0.00	0
6/30/2019	Actuarial (Gain)/Loss	(743,020)		0	0.00	0
6/30/2020	Actuarial (Gain)/Loss	(918,913)		0	0.00	(918,913)
Total			\$	0		\$ (918,913)
6/30/2017	Assumption Change	\$ (856,662)	\$	0	0.00	\$ 0
6/30/2018	Assumption Change	1,418,554		0	0.00	0
6/30/2019	Assumption Change	1,209,610		0	0.00	0
6/30/2020	Assumption Change	1,554,711		0	0.00	1,554,711
Total			\$	0		\$ 1,554,711
6/30/2016	Investment (Gain)/Loss	\$ 5,168,528	\$	0	0.00	\$ 1,033,704
6/30/2017	Investment (Gain)/Loss	(3,655,650)		(731,130)	1.00	(731,130)
6/30/2018	Investment (Gain)/Loss	1,586,633		634,652	2.00	317,327
6/30/2019	Investment (Gain)/Loss	(232,693)		(139,615)	3.00	(46,539)
6/30/2020	Investment (Gain)/Loss	2,348,211		1,878,569	4.00	469,642
Total			\$	1,642,476		\$ 1,043,004



Rate of Return

The long-term expected rate of return on plan investments was determined using a building-block method where expected future real rates of return (expected returns, net of plan investment expense and inflation) are developed for each major asset class. These expected future real rates of return are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of June 30, 2020 are summarized in the following table:

Asset Class	Target Asset Allocation	Long-Term Expected Real Rate of Return
Core bonds	20.00%	2.60%
Multi-sector	10.00%	3.43%
Liquid absolute return	10.00%	3.25%
U.S. large cap equity	25.00%	7.14%
U.S. small cap equity	10.00%	8.43%
Non-U.S. equity	20.00%	8.37%
Core real estate	5.00%	6.73%
Total	100.00%	

Notes

- (1) The amounts shown above were provided ACG Asset Consulting Group.
- (2) The Long-Term Expected Real Rate of Return equals the Long-Term Arithmetic Average Nominal Return minus an average annual inflation rate of 2.75%.
- (3) The long-term expected rate of return for the June 30, 2020 measurement date is 6.50%.



Actuarially Determined Contribution

	F	YE 6/30/2020		FYE 6/30/2021
Normal cost	\$	62,103	\$	35,234
Actuarial accrued liability (beginning of year)		54,557,588		52,993,849
Actuarial value of assets (beginning of year)		61,136,628		56,961,053
Unfunded actuarial accrued liability		(6,579,040)		(3,967,204)
Net amortization charges / (credits)		(675,087)		(396,172)
Administrative expenses		201,000		139,000
Actuarially determined contribution (beginning of year)	\$	0	\$	0
Covered payroll	\$	405,707	\$	240,482
Percentage of covered payroll		0.00%		0.00%
Discount rate		7.00%		6.50%
Amortization period		15 Years		15 Years
		Closed		Closed

<u>Notes</u>



⁽¹⁾ Administrative expenses are assumed to equal the expenses for the prior year rounded up to the next \$1,000.

⁽²⁾ Disclosure of the actuarial methods and assumptions to develop the Actuarially Determined Contribution for the fiscal year ending June 30, 2021 can be found in the Lansing Board of Water and Light Defined Benefit Plan for Employees' Pensions February 29, 2020 Actuarial Valuation for Funding Purposes dated June 15, 2020.

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Schedule of Contributions

	FYE 2020	FYE 2019	FYE 2018	FYE 2017	FYE 2016	FYE 2015	FYE 2014		FYE 2013		FYE 2012	FYE 2011
Actuarially determined employer contribution	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$	0	\$	85,652	\$ 2,109,167
Actual employer contributions	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$	0	\$	85,652	\$ 2,109,167
Annual contribution deficiency (excess)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$	0	\$	0	\$ 0
Covered payroll	\$ 405,707	\$ 603,382	\$ 586,181	\$ 771,810	\$ 1,017,849	\$ 1,224,727	\$ 1,683,696	\$ 2	2,101,442	\$ 2	2,397,921	\$ 2,659,851
Actual contributions as a percentage of covered payroll	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%		3.57%	79.30%



Defined Benefit Plan for Employees' Pensions

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Actuarial Assumptions and Methods Used for Funding Policy

The following actuarial methods and assumptions were used in the February 29, 2020 funding valuation. Please see that valuation report dated June 15, 2020 for further details.

Actuarial Cost Method - Individual entry age normal.

Amortization Method - 15 year closed level dollar amortization of Unfunded Actuarial Accrued Liability.

Asset Valuation Method - The Actuarial Value of Assets is equal to the Market Value of Assets plus a five year smoothing of gains and losses on the Market Value of Assets, subject to a 20% corridor around the Market Value of Assets.

Inflation Rate - 2.25% per year.

Salary Increase Rate - 3.50% per year.

Discount Rate and Expected Long-Term Rate of Return on Investments - 6.50% per year.

Retirement Rates - See Table A on page 28.

Mortality Rates - PUB-2010 General Mortality, male and female, projected generationally using the MP-2019 improvement scale.

Disability Rates - 1985 Pension Disability Incident Class 1 rates for males and females. See table of sample rates in Table B on page 28.

Termination Rates - None assumed.

Expenses - Administrative expenses are assumed to equal the expenses for the prior year rounded up to the next \$1,000.

Benefit Commencement Age for Deferred Vested Participants - Age 65.

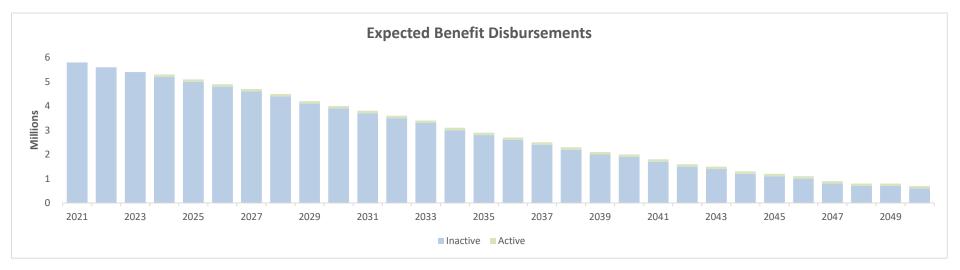
Spouse Assumptions - (1) 100% of the male participants are assumed to be married with the spouse assumed to be 3 years younger; (2) 100% of the female participants are assumed to be married with the spouse assumed to be 3 years older.

Form of Payment - All active participants are assumed to elect a 100% joint and survivor annuity.

Assumption and Method Changes from Prior Year - The mortality improvement scale was updated to the MP-2019 scale.



Lansing Board of Water and Light Defined Benefit Plan for Employees' Pensions June 30, 2020 GASB 67/68 Report Expected Benefit Disbursements



FYE	Inactive	Active	Total	FYE	Inactive	Active	Total	FYE	Inactive	Active	Total
2021	\$ 5,764,891	\$ 19,470	\$ 5,784,361	2031	\$ 3,689,109	\$ 106,739	\$ 3,795,848	2041	\$ 1,682,330	\$ 119,796	\$ 1,802,126
2022	5,581,717	32,434	5,614,151	2032	3,468,602	111,439	3,580,041	2042	1,519,321	117,974	1,637,295
2023	5,390,988	47,796	5,438,784	2033	3,250,441	115,131	3,365,572	2043	1,365,646	115,867	1,481,513
2024	5,193,253	60,621	5,253,874	2034	3,035,415	118,429	3,153,844	2044	1,221,675	113,458	1,335,133
2025	4,991,641	66,854	5,058,495	2035	2,824,293	120,869	2,945,162	2045	1,087,634	110,740	1,198,374
2026	4,788,301	72,932	4,861,233	2036	2,617,857	123,336	2,741,193	2046	963,604	107,715	1,071,319
2027	4,577,340	78,185	4,655,525	2037	2,416,879	124,684	2,541,563	2047	849,542	104,395	953,937
2028	4,356,269	85,608	4,441,877	2038	2,222,121	123,772	2,345,893	2048	745,276	100,805	846,081
2029	4,133,862	94,763	4,228,625	2039	2,034,323	122,672	2,156,995	2049	650,541	96,974	747,515
2030	3,911,156	101,657	4,012,813	2040	1,854,186	121,355	1,975,541	2050	564,959	92,930	657,889



Defined Benefit Plan for Employees' Pensions

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Census Data Summary

	2/28/2019		2/29/2020
Number of participants			
Active	5		3
Terminated vested	3		3
Retired	193		177
Beneficiaries	114		113
Disabled	 30		28
Total	345		324
Active demographics			
Average age	57.6		58.3
Average past service	31.8		30.2
Average future service	4.8		4.4
Average compensation	\$ 81,139	\$	80,161
Covered payroll	\$ 405,694	\$	240,482
Average monthly accrued benefit	\$ 3,728	\$	3,481
Total monthly accrued benefits	\$ 18,638	\$	10,442
Terminated vested demographics			
Average age	56.7		57.7
Average monthly accrued benefit	\$ 1,042	\$	1,042
Total monthly accrued benefits	\$ 3,125	\$	3,125
Retiree demographics			
Average age	77.5		77.7
Average monthly accrued benefit	\$ 1,900	\$	1,964
Total monthly accrued benefits	\$ 366,640	\$	347,703
Beneficiary demographics			
Average age	81.6		81.9
Average monthly accrued benefit	\$ 948	\$	968
Total monthly accrued benefits	\$ 108,019	\$	109,427
Disabled demographics			
Average age	72.0	•	73.0
Average monthly accrued benefit	\$ 1,230	\$	1,247
Total monthly accrued benefits	\$ 36,892	\$	34,908



Defined Benefit Plan for Employees' Pensions

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Age & Service Distribution - Active Participants

					Years	of Servic	е				
Attained Age	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & Over	Total
Under 25											0
25 to 29											0
30 to 34											0
35 to 39											0
40 to 44											0
45 to 49											0
50 to 54											0
55 to 59									1		1
60 to 64											0
65 to 69						1	1				2
70+											0
Total	0	0	0	0	0	1	1	0	1	0	3



Defined Benefit Plan for Employees' Pensions

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Census Data Reconciliation

		Term				
	Active	Vested	Retired	Benef	Disabled	Total
February 28, 2019	5	3	193	114	30	345
Vested terminations	0	0	0	0	0	0
Retirements	(2)	0	2	0	0	0
Disabled	0	0	0	0	0	0
Death with survivor	0	0	(7)	8	(1)	0
Death without survivor	0	0	(11)	(9)	(1)	(21)
New entrants	0	0	0	0	0	0
Rehires	0	0	0	0	0	0
Data corrections	0	0	0	0	0	0
February 29, 2020	3	3	177	113	28	324



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Summary of Assumptions and Methods

Cost Method - Individual entry age normal level percent of salary.

Dates of Calculations

Actuarial valuation date: February 29, 2020

Census date: February 29, 2020

Measurement date GASB 67 and GASB 68: June 30, 2020 Reporting date GASB 67 and GASB 68: June 30, 2020

Employees Included in the Calculations - All active employees who are eligible to receive pension benefits as a retiree. Retired, disabled, beneficiaries and terminated vested participants who are receiving benefits or entitled to receive benefits in the future.

Source of Data - Data is as of the valuation date and was supplied by the Lansing Board of Water and Light. While we have not audited this data, we believe the census data and financial information to be accurate and complete.

Discount Rate - Pursuant to GASB 67/68, projected benefit payments are required to be discounted to their actuarial present value using a Single Discount Rate that reflects (1) a long-term expected rate of return on plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits) and (2) a tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA/Aa credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on plan investments is 6.50%; the municipal bond rate is 2.21% (based on the daily rate closest to but not later than the measurement date of the Bond Buyer "20-Bond GO Index"); and the resulting Single Discount Rate is 6.50%.

The plan's fiduciary net position was projected to cover all future pension benefit payments. Therefore, we determined the discount rate to be the long-term expected rate of return on plan investments.

Inflation Rate - 2.25% per year.

Salary Increase Rate - 3.50% per year.

Mortality Rates - Pre and Post retirement - PUB-2010 General Mortality, male and female, projected generationally using the MP-2019 improvement scale.

Retirement Rates - Sample rates are listed on Table A herein.

Termination Rates - None assumed.

Disability Rates - The 1985 Pension Disability Incidence Class 1 rates for males and females. Sample rates are listed on Table B herein.

Expenses - Administrative expenses are assumed to equal the expenses for the prior year rounded up to the next \$1,000.

Benefit Commencement Age for Deferred Vested Participants - Age 65.

Spouse Assumptions - (1) 100% of the male participants are assumed to be married with the spouse assumed to be 3 years younger; (2) 100% of the female participants are assumed to be married with the spouse assumed to be 3 years older.

Form of Payment - All active participants are assumed to elect a 100% joint and survivor annuity.

Assumption and Method Changes from Prior Year - The mortality improvement scale was updated to the MP-2019 scale. The discount rate was decreased from 7.00% to 6.50%.



Summary of Assumptions and Methods (continued)

Table A - Retirement Rates

Age	Rate	Age	Rate
50	4.00%	61	14.00%
51	4.00%	62	25.00%
52	8.00%	63	25.00%
53	4.00%	64	20.00%
54	10.00%	65	25.00%
55	5.00%	66	25.00%
56	8.00%	67	33.00%
57	10.00%	68	33.00%
58	12.00%	69	50.00%
59	14.00%	70	100.00%
60	10.00%		

Table B - Disability Rates

Age	Male	Female	
20	0.03%	0.03%	
25	0.04%	0.05%	
30	0.05%	0.08%	
40	0.12%	0.21%	
50	0.36%	0.53%	
55	0.72%	0.95%	
60	1.26%	1.16%	



Lansing Board of Water and Light Defined Benefit Plan for Employees' Pensions June 30, 2020 GASB 67/68 Report

Summary of Plan Provisions

Effective Date and Plan Year – The most recent effective date is July 1, 2010. The plan year is from July 1 through June 30.

Participation and Eligibility - Eligible employees are those who were participating in the plan on December 31, 1996 and who elected to remain in the plan as of December 1, 1997.

Employer Contributions - The employer contributes the entire cost of the Plan. Participant contributions are not required.

Pension Service Credit - Service is credited on an elapsed time basis.

Annual Pay - Annual pay equals the base pay plus bonus received during the year in which the base pay was the highest within the last ten years of employment.

Normal Retirement Date - The normal retirement date for employees hired prior to July 1, 1990 is the earlier of (1) the first day of the month on or after attainment of age 60, and (2) the first day of the month on or after completion of 30 years of Pension Service Credit and attainment of age 55. If an employee who was hired before July 1, 1990 terminates employment after attainment of age 45 and completion of 25 years of Pension Service Credit, the normal retirement date is the first day of the month on or after the date he has attained age 55 and would have completed 30 years of Pension Service Credit if he had remained employed.

For employees hired after July 1, 1990, the normal retirement date is the first day of the month on or after attainment of age 65.

Normal Retirement Benefit - 1.8% of Annual Pay multiplied by the Pension Service Credit and payable as a life annuity.

Early Retirement Date - A reduced early retirement benefit is payable during the 10 years prior to a participant's Normal Retirement Date upon completion of 25 years of Pension Service Credit or 5 years prior to a participant's normal retirement date upon completion of 15 years of Pension Service Credit.

Early Retirement Benefit - The Normal Retirement Benefit is reduced 0.25% per month for the first 60 months and then reduced 0.4167% per month for the next 60 months.

Disability Retirement Benefit - A disability benefit is payable upon disability after completion of at least 10 years of service. The disability benefit is equal to the Normal Retirement Benefit accrued as of the date of disability and is payable immediately. The disability benefit is offset for any workers' compensation payments.

Deferred Vested Benefit - If a participant terminates employment for any reason other than death or disability prior to his or her Normal or Early Retirement Date, and if the participant has completed at least three (3) years service on his or her date of termination of employment, then the participant will become vested in his or her accrued Normal Retirement Benefit subject to a 7 year graded vesting schedule.



Lansing Board of Water and Light Defined Benefit Plan for Employees' Pensions

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Summary of Plan Provisions (continued)

Death in Service Benefit - If a vested employee dies while still an employee and has a spouse, the Board will assume that the employee retired on the day preceding his or her death on a disability pension and elected a 100% Joint and Survivor form of payment.

Forms of Payment - The following actuarially equivalent forms of payment are available under the plan:

- a) a monthly benefit payable for the participant's lifetime;
- b) a monthly benefit payable for the participant's lifetime with 15% up to 100% of such benefit continued to a surviving contingent annuitant following the participant's death;
- a monthly benefit payable for the participant's lifetime with 15% up to 100% of such benefit continued to a surviving contingent annuitant following the participant's death. If the beneficiary dies first, the pension amount will revert back to the life annuity amount;
- d) a lump sum payment

Cost of Living Increases - None

Actuarial Equivalence - The plan's definition of Actuarial Equivalence is as follows:

- a) Non-decreasing annuities: Actuarial Equivalence is computed using the 1983 Group Annuity Mortality Table applied on a unisex basis and 7.50% interest.
- b) Accelerated forms of payments: Actuarial Equivalence is computed using the 1983 Group Annuity Mortality Table applied on a unisex basis and the annual rate of interest on a 30 year constant maturity U.S. Treasury securities for the month of December immediately preceding the start of the calendar year in which distribution occurs.

Maximum Compensation - Annual Pay for any 12-month period used to determine a participant's accrued benefit may not exceed the limits in IRC Section 401(a)(17) for the calendar year in which the 12-month period begins.

Maximum Benefit - Annual benefit amounts payable under the plan may not exceed the limits in IRC Section 415.

Changes in Plan Provisions Since Last Valuation - None.



Lansing Board of Water and Light Defined Benefit Plan for Employees' Pensions June 30, 2020 GASB 67/68 Report Glossary

Actuarial Assumptions - Assumptions relating to future experience under the plan. These include assumptions about the occurrence of future events affecting costs or liabilities, such as:

- · mortality, withdrawal, disablement, and retirement;
- · future increases in salary:
- future rates of investment earnings and future investment and administrative expenses;
- characteristics of members not specified in the data, such as marital status;
- · characteristics of future members;
- · future elections made by members; and
- · other relevant items.

Actuarial Cost Method - A procedure for allocating the Actuarial Present Value of Future Benefits to various time periods; a method used to determine the Normal Cost and the Total Pension Liability (TPL).

Actuarial (Gain) or Loss - A measure of the difference between actual experience and experience expected under a set of Actuarial Assumptions, during the period between two Actuarial Valuation dates. Through the actuarial assumptions, rates of decrements, rates of salary increases, and rates of fund earnings that have been forecasted. To the extent that actual experience differs from that assumed, actuarial accrued liabilities emerge which may be the same as forecasted, or may be larger or smaller than projected. Actuarial gains are due to favorable experience, e.g., the plan's assets earn more than projected, salaries do not increase as fast as assumed, members retire later than assumed, etc. Favorable experience means actual results produce actuarial liabilities not as large as projected by the actuarial assumptions. On the other hand, actuarial losses are the result of unfavorable experience, i.e., actual results that produce actuarial liabilities which are larger than projected. Actuarial gains will shorten the time required for funding of the actuarial balance sheet deficiency while actuarial losses will lengthen the funding period.

Actuarially Equivalent - Of equal actuarial present value, determined as of a given date and based on a given set of Actuarial Assumptions.

Actuarial Present Value (APV) - The value of an amount or series of amounts payable or receivable at various times, determined as of a given date by the application of a particular set of Actuarial Assumptions. For purposes of this standard, each such amount or series of amounts is:

- adjusted for the probable financial effect of certain intervening events (such as changes in marital status, etc.)
- multiplied by the probability of the occurrence of an event (such as survival, death, disability, termination of employment, etc.) on which the payment is conditioned, and
- · discounted according to an assumed rate (or rates) of return to reflect the time value of money.

Actuarial Present Value of Future Benefits - The Actuarial Present Value of those benefit amounts which are expected to be paid at various future times under a particular set of Actuarial Assumptions, taking into account such items as the effect of advancement in age and past and anticipated future benefit increases. The Actuarial Present Value of Future Benefits includes the liabilities for active members, retired members and spouses receiving benefits. Expressed another way, it is the value that would have to be invested on the valuation date so that the amount invested plus investment earnings would provide sufficient assets to pay all projected benefits and expenses when due.

Actuarial Present Value of Future Earnings - The Actuarial Present Value of a participant's expected future earnings.

Actuarial Present Value of Future Normal Costs - The portion of the Actuarial Present Value of Future Benefits allocated to future years.



Lansing Board of Water and Light Defined Benefit Plan for Employees' Pensions

June 30, 2020 GASB 67/68 Report

Glossary (continued)

Actuarial Valuation - The determination, as of a valuation date, of the Normal Cost, Total Pension Liability (TPL), Fiduciary Net Position (FNP), and related Actuarial Present Values for a plan. An Actuarial valuation for a retirement system typically includes calculations that provide financial information for the plan, such as the funded status, unfunded actuarial accrued liability and the contribution amounts.

Actuarially Determined - Values which have been determined utilizing the principles of actuarial science. An actuarially determined value is derived by application of the appropriate actuarial assumptions to specified values determined by provisions of the law.

Covered Payroll - Payroll as of the valuation date for active participants who have not attained normal retirement age.

Decrements - Those causes/events due to which a member's status (active-inactive-retiree-spouse) changes, that is: death, retirement, disability, or termination.

Entry Age Normal Cost Method - The EAN cost method is a standard actuarial funding method. The annual cost of benefits under EAN cost method is comprised of two components:

- Normal cost
- · Amortization of the unfunded liability

The normal cost is determined on an individual basis, from a member's age at plan entry, and is designed to be a level percentage of pay throughout a member's career.

Fiduciary Net Position - The value of the plan's assets as of a given date, used by the actuary for valuation purposes. This usually equals the market value of plan assets.

Funded Status - The ratio of the Fiduciary Net Position (FNP) to the Total Pension Liability (TPL).

Net Pension Liability (NPL) - The excess of the Total Pension Liability (TPL) over the Fiduciary Net Position (FNP). This value may be negative in which case it may be expressed as a negative Fiduciary Net Position, also called the funding surplus.

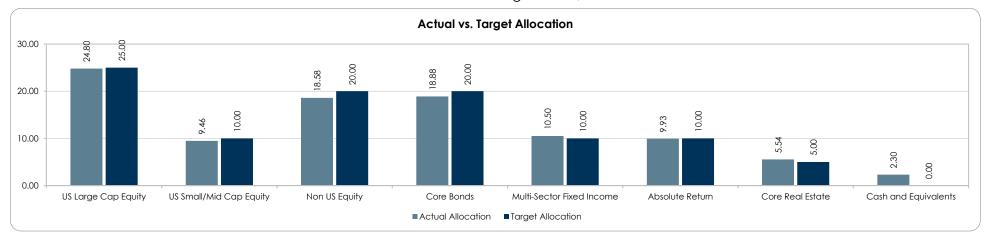
Normal Cost - The portion of the Actuarial Present Value of Future Benefits allocated to a valuation year by the Actuarial Cost Method. Any payment in respect of an unfunded actuarial accrued liability is not part of Normal Cost. Under the entry age normal cost method, the Normal Cost is intended to be the level cost (when expressed as a percentage of pay) needed to fund the benefits of a member from hire until ultimate termination, death, disability or retirement.

Total Pension Liability (TPL) - The portion of the Actuarial Present Value of Future Benefits which is not provided for by future Normal Costs. It is equal to the Actuarial Present Value of Future Benefits minus the actuarial present value of future Normal Costs.

Valuation Date or Actuarial Valuation Date - The date on which the value of plan assets, the Actuarial Present Value of Future Benefits, the Total Pension Liability (TPL) and Normal Cost are determined. The expected future benefits are discounted to this date.



LBWL Defined Benefit Plan and Trust for Employees' Pensions



Asset Class	Market Value (\$000s)	Actual Allocation (%)	Target Allocation (%)	Over/ Under (%)	Ran Min - (%	Max
Total Portfolio	56,143	100.00	100.00			
Equity	29,667	52.84	55.00	-2.16	40.00	70.00
US Large Cap Equity	13,923	24.80	25.00	-0.20	20.00	30.00
US Small/Mid Cap Equity	5,314	9.46	10.00	-0.54	5.00	15.00
Non US Equity	10,431	18.58	20.00	-1.42	15.00	25.00
Fixed Income	22,071	39.31	40.00	-0.69	20.00	50.00
Core Bonds	10,599	18.88	20.00	-1.12	10.00	30.00
Multi-Sector Fixed Income	5,896	10.50	10.00	0.50	5.00	15.00
Absolute Return	5,577	9.93	10.00	-0.07	5.00	15.00
Real Assets	3,112	5.54	5.00	0.54	0.00	10.00
Core Real Estate	3,112	5.54	5.00	0.54	0.00	10.00
Cash and Equivalents	1,292	2.30	0.00	2.30	0.00	5.00

	Mar 2020 Market Value (\$000s)	Jun 2020 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	3 Months (%)	YTD (%)	FYTD (%)	3 Years (%)	5 Years (%)	10 Years (%)
Total Portfolio (07/04)	51,045	56,143	100.00	1.91	12.11	-1.72	3.50	5.48	6.05	8.80
Total Portfolio (01/17) *	51,045	56,143	100.00	1.85	11.95	-2.00	2.93	4.93		
Policy Index ¹				1.92	12.22	-1.15	4.70	6.35	6.48	9.31

LBWL Defined Benefit Plan and Trust for Employees' Pensions

		Mar 2020 Market Value (\$000s)	Jun 2020 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	3 Months (%)	YTD (%)	FYTD (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Total Portfolio (07/04) Total Portfolio (01/17) *		51,045 51,045	56,143 56,143	100.00 100.00	1.91 1.85	12.11 11.95	-1.72 -2.00	3.50 2.93	5.48 4.93	6.05 	8.80 	6.03 6.70
P	olicy Index ¹				1.92	12.22	-1.15	4.70	6.35	6.48	9.31	6.97
US Large Cap Equity (01/17)	Russell 1000	12,448	13,923	24.80	1.82 2.21	19.81 21.82	-2.93 -2.81	5.53 7.48	9.93 10.64	 10.47	 13.97	12.80 11.85
US Small/Mid Cap Equity (01/17) Blended	Benchmark ²	4,346	5,314	9.46	0.46 2.89	22.53 26.56	-10.64 -11.05	-4.44 -4.70	6.51 2.66	 	 	5.64 2.84
Non US Equity (01/17) *	MSCI EAFE	8,969	10,431	18.58	4.40 3.44	16.30 15.08	-8.33 -11.07	-2.66 -4.73	2.15 1.30	 2.54	 6.22	5.08 5.03
Fixed Income (01/17) BloomBar I	US Aggregate	20,889	22,071	39.31	1.41 0.63	5.72 2.90	3.67 6.14	6.31 8.74	4.86 5.32	 4.30	 3.82	4.86 5.22
Real Assets (01/19) *	NFI ODCE Net	3,119	3,112	5.54	-0.21 -1.74	-0.21 -1.74	-1.30 -1.00	1.04 1.34	 4.73	 6.35	 9.78	2.48 2.22
Cash and Equivalents (01/17)	S T-Bills 90 Day	1,276	1,292	2.30	0.01 0.01	0.04 0.02	0.33 0.60	1.25 1.64	1.50 1.77	 1.19	0.64	1.36 1.60

LBWL Defined Benefit Plan and Trust for Employees' Pensions

	Mar 2020 Market Value (\$000s)	Jun 2020 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	3 Months (%)	YTD (%)	FYTD (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Equity (01/17)	25,762	29,667	52.84	2.52	19.20	-5.96	1.20	6.83			9.23
US Large Cap Equity											
Loomis Sayles (01/13)	6,836	7,509	13.38	3.79	24.35	10.31	19.65	17.82	17.65		17.19
Russell 1000 Growth				4.35	27.84	9.81	23.28	18.99	15.89	17.23	17.16
Vanguard Russell 1000 Value (05/17) * Russell 1000 Value	5,612	6,414	11.42	-0.66 -0.66	14.29 14.29	-16.26 -16.26	-8.85 -8.84	1.79 1.82	 4.64	 10.41	2.18 2.22
				-0.00	14.29	-10.20	-0.04	1.02	4.04	10.41	2.22
US Small/Mid Cap Equity Atlanta Capital (08/18) *	4.346	5,314	9.46	0.39	22.27	-11.09	-5.32				2.31
Russell 2500	4,346	5,314	7.40	2.89	26.56	-11.07 -11.05	-3.32 -4.70	4.08	5.41	 11.46	-2.56
				2.07	20.50	-11.03	-4.70	4.00	5.41	11.40	-2.50
Non US Equity Harding Loevner Int'l Equity (09/17) *	4.612	5,453	9.71	6.13	18.24	-4.62	2.51				3.59
MSCI ACWI ex US	7,012	3,433	7.71	4.56	16.30	- 1 0.76	-4.39	1.61	2.74	5.45	0.21
Lazard Int'l Equity (09/17) *	4,357	4,978	8.87	2.57	14.25	-12.09	-7.81				-0.71
MSCI EAFE				3.44	15.08	-11.07	-4.73	1.30	2.54	6.22	0.37
Fixed Income (01/17)	20,889	22,071	39.31	1.41	5.72	3.67	6.31	4.86			4.86
Core Bonds											
JP Morgan Fixed Income (01/09)	10,227	10,599	18.88	1.29	3.68	6.13	7.83	5.21	4.18	4.00	4.62
BloomBar US Aggregate				0.63	2.90	6.14	8.74	5.32	4.30	3.82	4.31
Multi-Sector Fixed Income											
Fidelity Tactical Bond (09/18) *	5,422	5,896	10.50	1.40	8.64	1.89	5.93				7.55
BloomBar US Aggregate				0.63	2.90	6.14	8.74	5.32	4.30	3.82	8.70
Absolute Return											
BlackRock Strategic Income Opp (09/17) *	5,240	5,577	9.93	1.52	6.43	0.23	2.75				3.14
US T-Bills 90 Day + 3.0%				0.26	0.76	2.09	4.68	4.82	4.23	3.65	4.86
BloomBar US Aggregate				0.63	2.90	6.14	8.74	5.32	4.30	3.82	5.15
Real Assets (01/19) *	3,119	3,112	5.54	-0.21	-0.21	-1.30	1.04				2.48
Core Real Estate											
AEW Core Property Trust (01/19) * 3	3,119	3,112	5.54	-0.21	-0.21	-1.30	1.04				2.48
NFI ODCE Net				-1.74	-1.74	-1.00	1.34	4.73	6.35	9.78	2.22
Cash & Equivalents (01/17)	1,276	1,292	2.30	0.01	0.04	0.33	1.25	1.50			1.36
Cash & Equivalents (01/17)	1,276	1,292	2.30	0.01	0.04	0.33	1.25	1.50			1.36
US T-Bills 90 Day				0.01	0.02	0.60	1.64	1.77	1.19	0.64	1.60

All returns prior to 12/31/2016 were calculated by the prior consultant.

Net of Fee return data.

¹ Policy Index: Effective January 2019, the index consists of 25.0% Russell 1000, 10.0% Russell 2500, 20.0% MSCI ACWI ex US, 40.0% BloomBar US Aggregate, 5.0% NFI ODCE Net.

² Blended Benchmark: Effective August 2018, the index consists of 100% Russell 2500. The Fiscal Year End is June.

³ Valuation and performance are assessed quarterly.

Market Overview

	1	3			3	5	10
	Month (%)	Months (%)	YTD (%)	FYTD (%)	Years (%)	Years (%)	Years (%)
Equity Markets - Core							
S&P 500	1.99	20.54	-3.08	7.51	10.73	10.73	13.99
Russell 1000	2.21	21.82	-2.81	7.48	10.64	10.47	13.97
Russell 2000	3.53	25.42	-12.98	-6.63	2.01	4.29	10.50
Russell 2500	2.89	26.56	-11.05	-4.70	4.08	5.41	11.46
Equity Markets - Growth	2.07	20.30	-11.03	-4.70	4.00	J.41	11.40
S&P 500 Growth	4.10	26.23	7.93	17.75	16.75	14.63	16.62
Russell 1000 Growth	4.35	27.84	9.81	23.28	18.99	15.89	17.23
Russell 2000 Growth	3.84	30.58	-3.06	3.48	7.86	6.86	12.92
Russell 2500 Growth	3.68	32.87	2.02	9.21	12.10	9. <i>57</i>	14.45
Equity Markets - Value	3.00	32.07	2.02	7.21	12.10	7.57	14.45
S&P 500 Value	-0.95	13.15	-15.52	-4.50	3.74	5.98	10.88
Russell 1000 Value	-0.66	14.29	-16.26	-8.84	1.82	4.64	10.41
Russell 2000 Value	2.90	18.91	-23.50	-0.04 -17.48	-4.35	1.26	7.82
Russell 2500 Value	2.90 1.86	20.60	-23.30 -21.18	-17.46 -15.50	-4.33 -2.60	1.85	8.81
International Markets	1.00	20.00	-21.10	-13.30	-2.00	1.03	0.01
MSCI ACWI	3.24	19.39	-5.99	2.64	6.70	7.03	9.74
MSCI ACWI ex US	3.24 4.56	16.30	-3.99 -10.76	-4.39	1.61	7.03 2.74	9.74 5.45
MSCI EAFE	3.44	15.08	-11.07	-4.73	1.30	2.54	6.22
MSCI EAFE Growth	3.26	17.10	-3.29	4.49	6.31	5.92	8.17
MSCI EAFE Value	3.63	12.68	-18.96	-14.02	-3.87	-1.02	4.12
MSCI Emerging Markets	7.40	18.18	-9.67	-3.05	2.27	3.24	3.63
MSCI World	2.69	19.54	-5.48	3.40	7.29	7.50	10.57
MSCI World ex US	3.47	15.55	-11.20	-4.98	1.35	2.53	5.95
Fixed Income	0.05	0.00	1.40	0.07	0.05	1.54	0.05
ICE BofA ML 1 Yr Treasury Note	0.05	-0.03	1.69	2.87	2.25	1.54	0.95
ICE BofA ML High Yield Master II	0.99	9.61	-4.78	-1.06	2.94	4.58	6.48
BloomBar US Aggregate	0.63	2.90	6.14	8.74	5.32	4.30	3.82
BloomBar Intermediate G/C	0.62	2.81	5.28	7.12	4.43	3.46	3.13
BloomBar 10 Yr Municipal	0.64	2.88	2.47	4.74	4.37	4.16	4.47
BloomBar US Credit	1.83	8.22	4.82	9.07	6.14	5.54	5.24
Real Assets							
NFI ODCE Net	-1.74	-1.74	-1.00	1.34	4.73	6.35	9.78

Total Portfolio

Dollar Reconciliation (\$000s)

	3 Months	FYTD
Beginning Market Value	51,045	60,492
Net Additions	-1,038	-6,208
Return on Investment	6,135	1,858
Ending Market Value	56,143	56,143

Disclosures and Legal Notice

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The Protecting Local Government Retirement and Benefits Act (PA 202 of 2017) & Public Act 530 of 2016 Pension Report

Enter Local Government Name	LANSING CITY BOARD OF WATER & LIGHT	
Enter Six-Digit Municode	337537	Instructions: For a list of detailed instructions on how to
Unit Type	Authority	complete and submit this form, visit
Fiscal Year End Month	June	michigan.gov/LocalRetirementReporting.
Fiscal Year (four-digit year only, e.g. 2019)	2020	
Contact Name (Chief Administrative Officer)	Scott Taylor	Questions: For questions, please email
Title if not CAO	Manger, Finance and Accounting	LocalRetirementReporting@michigan.gov. Return this
CAO (or designee) Email Address	SCOTT.TAYLOR@LBWL.COM	original Excel file. Do not submit a scanned image or PDF.
Contact Telephone Number	517-702-6104	original excernie. Do not submit a scanned image of PDF.
Pension System Name (not division) 1	Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions	If your pension system is separated by divisions, you would
Pension System Name (not division) 2		only enter one system. For example, one could have different
Pension System Name (not division) 3		divisions of the same system for union and non-union
Pension System Name (not division) 4		employees. However, these would be only one system and
Pension System Name (not division) 5		should be reported as such on this form.

Line	Descriptive Information	Source of Data	System 1	System 2	System 3	System 4	System 5
1	Is this unit a primary government (County, Township, City, Village)?	Calculated	NO	NO	NO	NO	NO
2	Provide the name of your retirement pension system	Calculated from above	and Light Defined Benefit				
3	Financial Information		New and Touch has				
4	Enter retirement pension system's assets (system fiduciary net position ending)	Most Recent Audit Report	55,586,895				
5	Enter retirement pension system's liabilities (total pension liability ending)	Most Recent Audit Report	52,198,422				
6	Funded ratio	Calculated	106.5%				
7	Actuarially Determined Contribution (ADC)	Most Recent Audit Report	-				
8	Governmental Fund Revenues	Most Recent Audit Report	364,612,954				
9	All systems combined ADC/Governmental fund revenues	Calculated	0.0%				
10	Membership						
11	Indicate number of active members	Actuarial Funding Valuation used in Most Recent Audit Report	3				
12	Indicate number of inactive members	Actuarial Funding Valuation used in Most Recent Audit Report	3				
13	Indicate number of retirees and beneficiaries	Actuarial Funding Valuation used in Most Recent Audit Report	318				
14	Investment Performance						
		Actuarial Funding Valuation used in Most Recent Audit					
15	Enter actual rate of return - prior 1-year period	Report or System Investment Provider	2.90%				
	Fata-atted att of attendance and a financial	Actuarial Funding Valuation used in Most Recent Audit					
16	Enter actual rate of return - prior 5-year period	Report or System Investment Provider	6.05%				
17	Enter actual rate of return - prior 10-year period	Actuarial Funding Valuation used in Most Recent Audit	8.80%				
1/		Report or System Investment Provider	0.00%				
18	Actuarial Assumptions						
19	Actuarial assumed rate of investment return	Actuarial Funding Valuation used in Most Recent Audit Report	6.50%				
20	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Actuarial Funding Valuation used in Most Recent Audit Report					
21	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	Actuarial Funding Valuation used in Most Recent Audit Report					
22	Is each division within the system closed to new employees?	Actuarial Funding Valuation used in Most Recent Audit Report	Yes				
23	Uniform Assumptions	The state of the s					
24	Enter retirement pension system's actuarial value of assets using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	56,961,053				
25	Enter retirement pension system's actuarial accrued liabilities using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	53,224,370				
26	Funded ratio using uniform assumptions	Calculated	107.0%				
27	Actuarially Determined Contribution (ADC) using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit Report	-				
28	All systems combined ADC/Governmental fund revenues	Calculated	0.0%				
	Pension Trigger Summary		0.070		<u> </u>	<u> </u>	
30	Does this system trigger "underfunded status" as defined by PA 202 of 2017?	Primary government triggers: Less than 60% funded <u>AND</u> greater than 10% ADC/Governmental fund revenues. Non-	NO	NO	NO	NO	NO
		Primary government triggers: Less than 60% funded					

Requirements (For your information, the following are requirements of P.A. 202 of 2017)

Local governments must post the current year report on their website or in a public place.

The local government must electronically submit the form to its governing body.

Local governments must have had an actuarial experience study conducted by the plan actuary for each retirement system at least every 5 years.

Local governments must have had a peer actuarial audit conducted by an actuary that is not the plan actuary OR replace the plan actuary at least every 8 years.

RESOLUTION #2020-05-05 Defined Benefit (DB) Investment Policy Statement

WHEREAS, the Board of Water and Light (the "Sponsor") sponsors the (a) Lansing Board of Water and Light Defined Contribution Plan and Trust 1; (b) Lansing Board of Water and Light 457 Deferred Compensation Plan and Trust; (c) Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions; and (d) Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light (collectively the "Plans"); and

WHEREAS, in Resolution #2019-11-01, the Sponsor delegated authority to the General Manager ("GM") and the Retirement Plan Committee (the "Committee") that permitted the GM and Committee to alter the plan design to address business needs and industry practices for the Plans; and

WHEREAS, the Sponsor wishes to delegate authority to amend the Plans for compliance purposes due to changes in the law ("Compliance Amendments") to the GM who may further delegate such authority to the Committee or any successor of the Committee performing the same duties; and

WHEREAS, the Sponsor intends to reserve its authority to freeze the Plans or to terminate the Plans.

THEREFORE, it is:

RESOLVED, that the Sponsor expressly delegates to the GM authority to adopt Compliance Amendments for the Plans; and

FURTHER RESOLVED, that the Sponsor expressly delegates to the GM the authority to further delegate to the Committee the authority to adopt Compliance Amendments for the Plans; and

FURTHER RESOLVED that the Sponsor requires all Compliance Amendments to be communicated to the Board at the next regularly scheduled meeting of the Board; and

FURTHER RESOLVED that the Sponsor ratifies all adopted Compliance Amendments that have been adopted by the GM or Committee prior to this delegation; and

FURTHER RESOLVED that the Sponsor reserves its authority to freeze the Plans or to terminate the Plans; and

FURTHER RESOLVED, that the Sponsor indemnifies and holds harmless the GM and each member of the Committee from and against all liability of any kind, including, without limitation, court costs, attorneys' fees and other expenses that arise from any legal or administrative proceeding of any kind that is brought by any person, entity or government agency in connection with the GM's or the Committee's discharge of its duties relating to the

Plans; provided, however, that this indemnification shall not apply with regard to any proceeding in which the GM or a Committee member is found to have been grossly negligent or to have violated a law or committed a crime.

Motion by Commissioner Ross, Seconded by Commissioner Mullen, to approve the Resolution for the Defined Benefit (DB) Investment Policy Statement.

Motion Carried by the following Roll Call Vote

Yeas: Commissioners Price, Graham, Leek, Lenz, Mullen, Ross, Thomas and Zerkle

Nays: None

RESOLUTION #2020-05-11

Acceptance of the Defined Benefit (DB) Investment Policy Statement

WHEREAS, the Lansing Board of Water and Light sponsors the Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions (the "Defined Benefit Plan"); and

WHEREAS, certain individuals serve as trustees of the Plan (the "Trustees"); and

WHEREAS, the Trustees delegated certain investment authority regarding Defined Benefit Plan assets to the Retirement Plan Committee on September 3, 2016 (the "Delegation"); and

WHEREAS, the Trustees are required to acknowledge all revisions to the Statement of Investment Policies, Procedures and Objectives ("IPS") which are adopted from time to time by the Board of Commissioners of the Lansing Board of Water and Light;

THEREFORE, it is:

RESOLVED, that the Trustees ratify all investment actions that have been taken by the Retirement Plan Committee in accordance with the Delegation;

FURTHER RESOLVED, that after reviewing the attached revised IPS, the Trustees acknowledge all revisions to the IPS, effective as indicated therein.

Motion by Trustee Graham, Seconded by Trustee Ross, to accept the Resolution for the Acceptance of the Defined Benefit (DB) Investment Policy Statement.

Motion Carried by the following Roll Call Vote:

Yeas: Commissioners Price, Graham, Leek, Lenz, Mullen, Ross, Thomas and Zerkle

Nays: None

LANSING BOARD OF WATER AND LIGHT DEFINED BENEFIT PLAN AND TRUST FOR EMPLOYEES' PENSIONS

STATEMENT OF INVESTMENT POLICIES, PROCEDURES AND OBJECTIVES

Effective May 26, 2020

STATEMENT OF INVESTMENT POLICIES, PROCEDURES AND OBJECTIVES

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Introduction

The Lansing Board of Water and Light ("**BWL**") is a municipal utility providing drinking water, electricity, steam and chilled water services to the greater Lansing area in mid-Michigan. The Plan receives contributions from the BWL. The Plan pays retirement benefits provided for in the Plan. Plan assets are invested in various types of securities.

This Statement of Investment Policy ("Statement") is issued by the Commissioners of the Lansing Board of Water and Light (the "Commissioners") for the Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions ("Plan"). The purpose of this Statement is to (i) identify and present a set of investment objectives, an Asset Allocation policy, investment performance standards and procedures for managing the Plan's assets; and (ii) clarify the delegation of certain investment and administrative duties to the Committee (the "Committee"). This document is intended to be consistent with the provisions of Michigan Public Act 314 of 1965 ("Act 314"), as amended.

Updates to Statement

The Commissioners retain the authority to approve, revise and update this Statement as necessary to ensure that it is consistent with the BWL's investment philosophy. Any revisions or updates made to the Statement must be formally adopted by the Commissioners through a resolution.

Trustees' and Commissioners' Delegation of Duties

The Commissioners have delegated certain administrative responsibilities to the Committee pursuant to a separate Resolution. Those responsibilities are described in more detail in this Statement.

The Trustees of the Plan are the eight appointed voting Commissioners of the BWL. The Trustees have delegated all investment responsibilities to the Committee pursuant to a separate Resolution. Those investment responsibilities are described in this Statement. All provisions in this Statement relating to the Committee shall be operative until such time the delegation of duties by the Trustees and/or Commissioners is revoked.

Responsibility for selecting and providing direction to Investment Managers, Investment Consultants, custodians, and other administrators required for the management of the Plan's assets and for implementing overall investment decisions has been delegated to the Committee which shall report to the Trustees regarding selections made and investment performance. The Trustees shall act in accordance with the terms of this Statement, as updated from time to time by the Commissioners, and as communicated to the Trustees in writing.

Purpose of the Plan

The Plan was established for the purpose of providing retirement benefits to eligible employees and their beneficiaries. The Plan was closed to new employees hired after December 31, 1996. The Plan is a governmental, defined-benefit pension plan which provides retirement, early retirement, disability, termination, and death benefits based upon a formula that includes final average compensation, years of credited service, and a pension benefit percentage. To this end, an investment portfolio is maintained to invest employer contributions and to reinvest income.

Investment Philosophy

The Commissioners, Trustees and the Committee recognize their respective Fiduciary duties to invest the Plan's assets in formal compliance with the Prudent Man Rule. The Trustees interpret this to mean that, in addition to the specific guidelines and restrictions set forth in this document, the assets of the Plan shall be actively managed -- that is, investment decisions regarding the particular securities to be purchased or sold shall be the result of the conscious exercise of discretion. Further, the Trustees recognize that, commensurate with its overall objective of maximizing long-range returns while maintaining a high standard of portfolio quality and consistency of return, it is necessary that proper diversification of assets be maintained both among and within the classes of securities held. Within this context of active management and the necessity for adherence to proper diversification, the Trustees and the Committee rely upon appropriate professional advice.

Delegation of Responsibilities

Retirement Plan Committee

The Committee acknowledges its responsibility as a fiduciary to the Plan. In this regard, the Committee must act prudently and for the exclusive interest of the Plan's participants and beneficiaries.

Specifically, the Committee's responsibilities include:

- 1. Complying with the provisions of pertinent federal, state, and local laws and regulations relating to the investment of Plan assets.
- 2. Evaluating and appointing a qualified manager(s) and consultant(s) to invest and manage the Plan's assets.
- 3. Communicating the investment goals, objectives, and standards to the investment managers including any material changes that may subsequently occur.
- 4. Determining, with the advice of the Investment Consultant ("Consultant"), how Plan assets should be allocated among various asset classes.
- 5. Reviewing and evaluating the results of the Investment Manager(s) ("Manager(s)") in context with established standards of performance.
- 6. Taking whatever corrective action is deemed prudent and appropriate when an investment manager fails to perform as mutually expected.
- 7. Notifying the Manager(s) of:
 - a) Significant changes in the Plan cash flow and/or cash flow needs; and

- b) Any matter which bear upon the proper investment management of the Plan's assets, including pertinent financial, legal, and actuarial information.
- 9. Monitoring all costs associated with the administration of the Plan's investments to ensure that the costs are reasonable with market averages.
- 10. Reviewing any program that may mitigate or offset costs.
- 11. Appointing or removing third party administrators, as deemed prudent.
- 12. Facilitating required communications to Plan participants and third-party administrators.
- 13. Recommending to the Commissioners alterations to the Plan's design to address changes in business needs and industry practices.
- 14. Taking any action necessary to carry out the terms of the Plan.

The Committee has authority to carry out all administrative and investment duties for the Plan but does not have the authority to freeze or terminate the Plan.

The Committee shall give consideration to and have an understanding of the following prior to retaining professionals:

- 1. Establish standards/requirements/appropriateness of services.
- 2. Identify appropriate candidates for the position.
- 3. Solicit bids and proposals.
- 4. Conduct interviews.
- 5. Check references.
- 6. Make reasoned decisions based on all information, including:
 - a) Philosophy/Goals (i.e., Mission Statement)
 - b) Ownership/Management/Organizational Structure/Turnover
 - c) Operational History/Growth Plan
 - d) Infrastructure: Resources/Tools-of-the-Trade
 - e) Financial Condition
 - f) Educational Background/Industry Experience
 - g) Professional Qualifications
 - h) Risk Controls/ Insurance
 - I) Criminal, Civil, Regulatory History
 - i) Fees
 - k) Liquidity
- 7. Document the decision process.
- 8. Verify compliance with federal and state laws; specifically, Act 314, and investment guidelines.
- 9. Establish standards of conduct, terms and conditions of relationship (Written Contract/Agreement).

Investment Consultant

In carrying out its delegated responsibilities, the Committee considers the services of a Consultant as appropriate to assist in the placement of investment funds. The primary role of the Consultant is to provide independent, objective, third-party advice and counsel that will enable the Committee to make well-informed and timely decisions regarding the investment of the Plan's assets.

The Consultant's role is that of an advisor to the Plan. The Consultant acknowledges its responsibilities as a Fiduciary under Act 314. The Consultant acknowledges that it is a registered investment advisor under either the Investment Advisors Act of 1940 or the Michigan Uniform Securities Act.

Investment advice concerning the investment management of Plan assets will be offered by the Consultant, and will be consistent with the investment objectives, policies, guidelines and constraints as established in this statement. In specific terms, the primary responsibilities of the Consultant are as follows:

- 1. Measure and evaluate investment performance each calendar quarter.
- 2. Evaluate the Plan's tolerance for risk.
- 3. Advise regarding appropriate investment objectives and goals based on the Plan's needs and risk tolerance.
- 4. Determine what degree of potential market volatility should be factored into the investment approach.
- 5. Provide advice regarding optimal allocation of assets, based on all of the above

Providing a Range of Capabilities

The Consultant is a third party retained by the Committee to assist in several key areas of the management of financial assets.

The Consultant may be asked to:

- 1. Gather and evaluate statistical information on the financial assets, investment needs, and risk parameters.
- 2. Analyze and understand the implications of historic capital market behavior, particularly with regard to the trade-off between total return and investment risk.
- 3. Maintain data on the universe of available professional investment managers. Categorize (as to investment style and discipline) and evaluate the qualifications of the individual management firms.
- 4. Provide periodic Asset Allocation studies and updates.
- 5. Conduct periodic trustee educational workshops.
- 6. Provide information with respect to alternate investments.
- 7. Monitor the investment of the Plan's assets for compliance with Act 314.
- 8. Analyze and evaluate the Plan's investment performance, and the performance of its investment managers, both past and ongoing.
- 9. Make specific and timely recommendations for the consideration of the Committee during each phase of the investment management process.
- 10. Monitor all costs associated with the administration of the Plan's investments to ensure that they are reasonable with market averages.

Making Recommendations

Investment Policy - The Consultant may be asked to recommend an appropriate investment policy that will meet the Plan's needs. This includes recommending investment objectives and guidelines that adhere to the goals and tolerance for risk. The Consultant may be asked to provide an appropriate model of Asset Allocation

composed of equity, fixed-income, money market instruments or Alternative Investments designed to meet the established objectives.

Manager Selection - The Consultant may be asked to recommend the best qualified and most appropriate Manager(s) candidates for implementing the established investment policy. The Consultant shall be capable of utilizing a well-established system to select suitable Manager(s) candidates from both a local and national investment manager database.

Manager Performance Review and Evaluation

The Consultant shall provide the Committee with performance reports and ongoing quality control to assure that the standards and investment objectives are maintained. Performance reports generated by the Consultant shall be compiled at least quarterly and communicated to the Committee for review. The investment performance of total portfolios, as well as asset class components, will be measured against commonly accepted performance benchmarks. Consideration shall be given to the extent to which the investment results are consistent with the investment objectives, goals, and guidelines as set forth in this statement. The Committee intends to evaluate the portfolio(s) over at least a three-year period, but reserves the right to terminate a Manager(s) for any reason including the following:

- Investment performance which is significantly less than anticipated given the discipline employed and the risk parameters established, or unacceptable justification of poor results.
- 2. Failure to adhere to any aspect of this Statement of Investment Policy, including communication and reporting requirements.
- 3. Significant qualitative changes to a Manager(s) organization or strategy.

Manager(s) shall be reviewed regularly regarding performance, personnel, strategy, research capabilities, organizational and business matters, and other qualitative factors that may impact their ability to achieve the desired investment results.

Investment Manager(s)

Each Manager acknowledges its responsibility as an investment Fiduciary under Act 314. Each Manager acknowledges that it is a registered investment advisor under either the Investment Advisors Act of 1940 or the Michigan Uniform Securities Act. Each Manager will have full discretion to make all investment decisions for the assets placed under its control, while observing and operating within all policies, guidelines, constraints, and philosophies as outlined in this statement.

Adherence to Policy Guidelines and Objectives

The assets of the Plan are to be managed in accordance with the policy guidelines and objectives expressed herein as well as any additional guidelines provided separately. Assets shall be invested in strict compliance with Act 314. Each Manager shall manage its individual portfolio in compliance with Act 314.

Discretionary Authority

Each Manager is expected to exercise complete investment discretion. Such discretion includes decisions to buy, hold and sell equities or fixed income securities (including cash equivalents) in amounts and proportions reflective of the Manager's current investment strategy and compatible with the investment guidelines.

Each Manager is expected, within the limitation of the account size, to diversify the portfolio to minimize the risk of large losses unless, under the circumstances, it is clearly prudent not to so diversify. The Manager shall invest the assets of the Plan with the same care, skill, prudence and diligence under the circumstances then prevailing that a prudent man, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of a like character and with such aims. The investment manager will provide the Committee with suggested strategy which might be changed or adopted to better suit the investment guidelines adopted by the Committee.

Communications

Each Manager is responsible for communicating with the Committee regarding all significant matters pertaining to the investment of the Plan's assets. The Committee shall be kept apprised of substantive changes in investment strategy, asset mix, portfolio structure, and market value of the Plan's assets. If requested, Manager(s) will meet with the Committee on a quarterly basis to review the portfolio and the investment outlook.

Reporting

Each Manager is expected to provide:

- 1. INITIALLY, a written statement (per management agreement) acknowledging their acceptance of the guidelines and performance standards herein stated.
- 2. AT LEAST QUARTERLY, a portfolio composition report to the Committee of the funds under their management. The report shall contain as a minimum the following data:
 - a. Investment Review
 - i. Account characteristics:
 - ii. Investment summary to include asset description, cost, date, unit value, market value, percent of market, current yield, unrealized gains/losses, and estimated annual income;
 - iii. A measurement of portfolio duration (for fixed-income investments); and
 - b. Summary and statement of assets under management.
- 3. At the request of the Committee, participation in a review meeting, the agenda to include, but not restricted to
 - a. A review and re-appraisal of the herein contained Statement;
 - b. A brief review of the recent capital market environment to include discussion of any event particularly pertinent to the management of this portfolio;
 - c. A commentary on investment results in light of the appropriate standards of performance as stated herein;
 - d. A synopsis of key investment decisions made by the Manager, the underlying rationale, and how those decisions could impact future results;

- e. Recommendations as to changes in goals or standards, based upon material and sustained changes in the capital markets;
- 4. UPON WRITTEN OR ORAL REQUEST
 - a. Copies of all documentation in support of any investment activity;
 - b. A summary of receipts and disbursements;
 - c. A listing of assets acquired and disposed of;
 - d. Evidence of suitable insurance coverage of the Manager's fiduciary responsibilities.
- 5. IMMEDIATE NOTIFICATION
 - a. Notice of material changes in the Manager's outlook, policy, and tactics
 - b. Notice of material changes in ownership, organizational structure, financial condition, senior staffing and management of the Manager's organization.

Each manager's investment guidelines and performance objectives are made a part of their investment management agreement. Compliance with these guidelines and objectives is evaluated during the quarterly investment performance evaluation process.

Custodian

The primary responsibilities of the custodian ("Custodian") are to:

- 1. Provide adequate safekeeping services.
- 2. Settle securities transactions on time.
- 3. Collect trust fund income when due.
- 4. Provide adequate accounting services.
- 5. Prepare useful, accurate, and timely investment reports.
- 6. Provide adequate cash-management services.
- 7. Provide adequate administrative support.
- 8. Develop and maintain adequate data processing capabilities.
- 9. Handle proxy administration promptly and accurately.
- 10. Complete and file timely proof of claims for settlements of security class action suits and monitor the processing to ensure claims are received.

Plan Investment Policy

The Plan is maintained to provide retirement benefits for the participants and their beneficiaries. The Plan is established in accordance with the laws of the State of Michigan whereby it operates and is controlled, as to its investments, by PA 314.

The Trustees (or their delegate) are authorized and permitted by the Plan Document and under Michigan law to engage the services of a Manager(s), Consultant and Custodian and to set the direction for the investments. The Trustees have delegated these duties to the Committee.

The Trustees require that the Manager(s), Consultant and Custodian comply with all applicable laws, rules and regulations. Manager(s) will be given full discretion in managing the funds within this Statement.

Plan Investment Objectives

The Trustee outlook regarding Plan assets is intended to result in moderate, long-term capital appreciation through moderate risk-taking. The Trustees recognize that risk (i.e., the uncertainty of future events), volatility (i.e., the potential for variability of asset values), and the potential of loss in purchasing power (due to inflation) are present to some degree with <u>all</u> types of investment vehicles. While high levels of risk are to be avoided, the assumption of a moderate level of risk is warranted and encouraged in order to allow the opportunity to achieve satisfactory results consistent with the objectives and character of the Plan. The policies and restrictions contained in this Statement should not impede the Manager to attain the overall Plan objectives, nor should they exclude the Manager from appropriate investment opportunities.

The Plan's overall investment objective is to earn an average, annual return of 6.5% over five-year rolling periods. Achievement of this objective is likely to result in stable to declining future contribution rates and ensure its ability to pay retirement benefits for all plan participants.

The Plan's objective is based on the expected returns under the Strategic Asset Allocation policy, which follows. This Strategic Asset Allocation policy is likely to result in normal fluctuation in the Plan's actual return, year to year. The expected level of risk (volatility, i.e. return fluctuation) is appropriate given the Plan's current and expected tolerance for short-term return fluctuations. Appropriate diversification of Plan assets will reduce the Plan's investment return volatility.

Asset Allocation Policy

This Strategic Asset Allocation policy is consistent with the achievement of the Plan's financial needs and overall investment objectives. Asset classes are selected based on the expected long-term returns, individual reward/risk characteristics, and correlation with other asset classes, manager roles, and fulfillment of the Plan's long-term financial needs. Conformance with PA 314 of 1965 and amendments thereof is also considered.

The Commissioners established an allocation range for each asset class in recognition of the need to vary exposure within and among different asset classes, based on investment opportunities and changing capital market conditions. The Commissioners selected the target allocation for each asset class based on the Plan's current financial condition, expected future contributions, withdrawals, plan expenses and current investment opportunities, notwithstanding short-term performance. The Commissioners intend to review these allocation targets at least annually, focusing on changes in the Plan's financial needs, investment objectives, and asset class performance.

Target Asset Allocation

Asset Class	<u>Manager Role</u>	Allocation Range	Target Allocation
Total Equity	Active/Passive	40 to 70%	55%
US Large Cap Equity	Active/Passive	20% to 30%	25%
US SMID Cap Equity	Active	5% to 15%	10%
Non-U.S. Equities	Active, Broad or Focused	15 to 25%	20%
Total Fixed Income	Active/Passive Core, Active Opportunistic, Intermediate Diversified	20 to 50%	40%
Core Fixed Income	Active/Passive Core, Intermediate Diversified	10 to 30%	20%
Multi-Sector Fixed Income	Active Fixed Income	5 to 15%	10%
Liquid Absolute Return Fixed Income	Active Fixed Income	5 to 15%	10%
Real Estate	Core	0 to 10%	5%
Cash Equivalents	Active, money market fund	0 to 5%	0%
	Total Fund		100.0%

The Trustees recognize that the transition to the above target allocations will be achieved over an appropriate period of time, based upon manager availability, selection and approval as well as portfolio needs and constraints.

The Trustees acknowledge that alternative asset classes are available and intend to periodically evaluate the merits of using different asset classes. The Trustees also recognize the benefits of diversifying manager roles within a given asset class and intend to periodically evaluate this decision as well as the active versus passive management decision.

In order to preserve capital gains and protect principal during periods of market duress, a short-term U.S. government and/or high-quality credit securities fund may be used. Given the infrequent short-term use and specialized purpose of this fund, it is not included in either the Policy Index or Target Asset Allocation.

Administrative and Investment Review Procedures

Review of Policies

All investment policies and investment management guidelines will be reviewed annually by the Trustees, or whenever circumstances change to the extent that the policies may be ineffective or inappropriate.

General Review

All those responsible for investment of the Plan's assets shall submit a report or meet with the Committee to review their activities for the current year and discuss proposed changes that are anticipated.

Review of Investment Performance

The Committee will monitor the investment performance of each manager and the overall deployment of the Plan's assets. Monitoring may include periodic meetings with the Manager(s), and a quarterly performance evaluation performed by the Consultant.

Each performance evaluation will include:

- 1. The present and prospective economic climate;
- 2. Current period and historical, time-weighted rates of return for the overall Plan, including an evaluation against the previously specified performance standards;
- 3. Current period and historical, time-weighted rates of return for each Manager, including an evaluation against the previously specified performance standards;
- 4. Additional quantitative measures and analysis will be employed to objectively monitor each Manager's compliance with investment policies and guidelines.
- 5. An understanding of the strategy being used by each Manager to carry out the current Investment Policy; and
- 6. Opportunities available within current and prospective asset categories.

The Committee requests that all documents, exhibits, written materials, etc. to be used during the meetings be submitted in advance.

Individual Investment Manager Objectives

On a quarterly basis, the performance of each of the investment managers will be compared to a relevant Benchmark Index and to a relevant universe of investment management firms. The ongoing review and evaluation of investment manager results will be the responsibility of the Committee, with the assistance of the Consultant.

The primary emphasis of the review of each investment manager will be placed on relative rates of return and risk as compared against relevant benchmarks, peers and expectations for each specific manager.

Over a market cycle (usually 3-5 years), the following are the performance expectations for each portfolio:

- The total return of each portfolio should exceed the total return of the relevant index.
- The total return of each portfolio should rank median or higher when compared to the relevant peer group.

In addition to relative rates of return each portfolio's performance will be evaluated based on its relative risk profile as measured by its standard deviation and other benchmark relative statistics; risk adjusted returns as measured by the portfolio's Sharpe ratio and performance in up and down markets.

Passive portfolio allocations are expected to approximate the risk and return profile of the appropriate benchmark.

Rebalancing Policy – Overall Fund Allocation

The system of Asset Allocation rebalancing to be utilized involves a target asset mix around which variance is allowed within prescribed limits. Rebalancing will be addressed when an asset-class limit is reached or exceeded. In addition to monitoring target and actual allocations quarterly, the Committee will formally review the policy and actual allocations in consideration of anticipated cash flow.

Review of Investment Management

Manager(s) are responsible for frequent and open communication (in writing) with the Committee and the Consultant on all significant matters pertaining to Investment Policy and the management of the Plan's assets, including, but not limited to:

- 1. A quarterly report of major changes in each Manager's investment outlook, investment strategy and portfolio structure.
- 2. Any significant changes in ownership, organizational structure, financial conditions, or senior personnel staffing of each Manager's organization.
- 3. Any investment guidelines which inhibit the fulfillment of a Manager's Fiduciary duties, inappropriately restrict performance, or prevent the manager from meeting their performance standards.

Proxy Voting

The Trustees confer the right to vote proxies to the Manager(s), unless the Manager(s) are otherwise notified by the Committee in writing. It is expected that Manager(s) will vote for the sole benefit of the Plan participants and beneficiaries, considering those factors that may affect the value of the Plan's investments and not subordinate the interests of the participants and beneficiaries in their retirement income to unrelated objectives.

A summary of votes cast shall be submitted to the Committee on an annual basis. This summary must identify the company, number of shares held, subject proxy issues, actual vote (whether for or against the Committee's recommendation), and justification.

Directed Brokerage

Regarding directed brokerage, the Trustees do not require the Manager(s) to trade securities through an individual or set of broker-dealers. The Trustees wish to give the Manager(s) full discretion over their choice of broker-dealers, so long as the Plan's total cost or proceeds of transactions are the most favorable under the circumstances.

Tenure

While the relationship with Manager(s) is expected to be ongoing, the Committee reserves the right to terminate their relationship with any retained Manager at any time they deem appropriate.

In General Managers are fiduciaries with discretion to implement the guidelines within the direction provided by this Statement. All Managers are expected to be familiar with and follow the investment guidelines established under Michigan PA Act 314 with amendments.

Managers should present (and obtain approval on) material changes in their investment style, philosophy or process to the Committee before implementing any changes on behalf of the Plan.

Managers (except commingled funds) are prohibited from using warrants, options, futures, collectibles, leverage, mutual funds (money market funds exempted), LLCs, ETFs, unit investment trusts, margin purchases or short sales, securities of Plan service providers (custodial bank notwithstanding), and loaning or pledging securities (certain index funds exempted). While commingled funds are exempt from the prohibited securities noted above, they are expected to be managed within the guidelines set forth for each fund. Commingled fund managers are required to comply with the appropriate performance standards and reporting requirements contained in this document.

If a Manager would like to purchase a security that falls outside of this Plan's investment guidelines (commingled funds exempted), or is in doubt as to the goal and intent of these guidelines, they should submit a written request for clarification to the Committee prior to purchase. Any security not specifically defined or permitted within is prohibited for investment on behalf of this Plan.

Cash Equivalents The cash equivalents Manager may invest in any institutional money market fund ("Fund") that follows the following objectives and policies:

- 1. The Fund seeks to provide current income while maintaining liquidity and a stable share price of \$1.
- 2. The Fund invests primarily in high-quality, short-term money market instruments, including certificates of deposit, Bankers Acceptances, commercial paper (except ABS commercial paper), and other money market securities.
- 3. To be considered high-quality, a security generally must be rated in one of the two highest credit-quality categories for short-term securities by at least two nationally recognized rating services (or by one, if only one rating service has rated the security).

- 4. If unrated, the security rating must be determined by the manager, subject to the limitations in item 3.
- 5. The Fund maintains a dollar-weighted average maturity of 90 days or less.

Total Plan Performance

The primary investment objective is to meet the long-term financial goals of the Plan. The Plan's Asset Allocation will be used as the primary tool to achieve this goal.

The Plan is expected to meet or exceed the following objectives over a full market cycle (usually three to five years):

- 1) Earn a rate of return after all expenses that equals or exceeds the current actuarial assumed rate of return of 6.5%
- 2) The Plan's total return should exceed the total return of the Policy index comprised of the following:

Index	Percent
Russell 1000	25%
Russell 2500	10%
MSCI ACWI ex-US	20%
BloomBar US Aggregate	40%
NFI ODCE (net) Index	5%

- 3) The Plan's total return should rank at median or above when compared to a universe of other portfolios with a similar equity allocation.
- 4) In addition to relative rates of return the Plan's performance will be evaluated based on its relative risk profile as measured by its standard deviation, beta, correlation to the Policy Index, risk adjusted returns as measured by the Plan's Sharpe ratio and performance in up and down markets.

Conclusion

It is in the intent of this Statement to state an attitude and/or philosophy which will guide Managers toward the performance desired. It is further intended that these objectives be sufficiently specific, but also sufficiently flexible.

It is the opinion of the Commissioners that these limitations and guidelines will not prevent a Manager from achieving the objectives set forth.

Glossary of Investment Terms

Alternative Investments - These investments are typically made through the purchase of limited partner units in a private limited partnership. Alternative investments include hedge funds, managed futures and commodities, private equity, real assets and other.

Asset Allocation - A process used to determine the optimal allocation of a fund's portfolio among broad asset classes.

Benchmark Index - An index against which the investment performance of a Manager can be compared for the purpose of determining the value added by the Manager. A benchmark portfolio must be of the same style as the Manager, and in particular, similar in terms of risk.

Fiduciary - Indicates the relationship of trust and confidence where one person (the Fiduciary) holds or controls property for the benefit of another person.

Liquidity - In general, liquidity refers to the ease by which a financial asset can be converted into cash. Liquidity is often more narrowly defined as the ability to sell an asset quickly without having to make a substantial price concession.

Standard Deviation - A statistical measure of portfolio risk. It reflects the average deviation of the observations from their sample mean. Standard deviation is used as an estimate of risk since it measures how wide the range of returns typically are. The wider the range of returns, the higher the standard deviation of returns, and the higher the portfolio risk. If returns are normally distributed (i.e. has a bell-shaped curve distribution) then approximately two-thirds of the returns would occur within plus or minus one standard deviation from the sample mean.

Strategic Asset Allocation – The strategic mix of assets designed to accomplish a long-term goal such as funding pension benefits. Generally, policy targets are set for the strategic asset classes with allowable ranges around those targets. The allowable ranges are established to allow flexibility in the management of the investment portfolio.

Tactical Asset Allocation – The tactical mix of assets is short-term in nature with a goal of maximizing returns. This strategy is used to take advantage of current market conditions that may be more favorable for one asset class over another.

Time-weighted Return - A method of measuring the performance of a portfolio over a particular period of time. It is the cumulative compounded rate of return of the portfolio, calculated on each date that cash flow moves into or out of the portfolio.

Universe - A group of Managers/Funds chosen to have an investment style similar to the Manager/Fund and used for comparison purposes.



Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light

Financial Report

With Required Supplementary Information

As of and for the Years Ended June 30, 2020 and 2019

Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light

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INDEPENDENT AUDITORS' REPORT

To the Honorable Mayor, Members of the City Council, and Commissioners of the Board of Water and Light Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light City of Lansing, Michigan

We have audited the accompanying financial statements of the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light ("Plan") as of and for the years ended June 30, 2020 and 2019, and the related notes to the financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Plan's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary position of the Plan as of June 30, 2020 and 2019, and the respective changes in fiduciary position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Baker Tilly US, LLP

Accounting principles generally accepted in the United States of America require that the required supplementary information as listed in the table of contents be presented to supplement the financial statements. Such information, although not a part of the financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the financial statements, and other knowledge we obtained during our audit of the financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Baker Tilly US, LLP (formerly known as Baker Tilly Virchow Krause, LLP)

Madison, Wisconsin September 2, 2020

Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light

Management's Discussion and Analysis As of and for the Years Ended June 30, 2020 and 2019

Using this Annual Report

The annual report consists of two parts: (1) Management's Discussion and Analysis (this section) and (2) the financial statements. The financial statements include notes that explain information in the statements and provide more detail.

Condensed Financial Information

The table below compares key financial information in a condensed format between the current year and the prior two years:

	2020		2019		2018	
Assets held in trust:						
Cash and money market trust funds	\$	578,216	\$	3,437,276	\$	1,985,712
Fixed income securities		283		20,108,406		34,748,141
U.S. government obligations		-		18,994,138		26,527,961
Equities		85,193,786		67,168,552		48,418,160
Mutual funds		72,136,937		75,437,370		72,109,667
Common Collective		40,856,781		9,825,815		-
Interest and dividend receivable		26,604		261,067		404,369
Trade Receivable - Due from Broker		13,252		1,539		-
Total plan assets	\$ 1	98,805,859	\$	195,234,163	\$	184,194,010
Liabilities						
Trade payable - Due to Broker	\$	1,057	\$	75,586	\$	154,385
Net Position Restricted for Pensions	\$ 198,804,802		\$ 195,158,577		\$ 184,039,625	
Changes in net position:						
Net investment income	\$	4,158,326	\$	11,687,552	\$	11,038,903
Employer contributions		9,156,565		9,277,538		10,395,327
Retiree benefits paid		(9,156,565)		(9,277,538)		(10,395,327)
Administrative Fees		(512,101)		(568,600)		(634,334)
Net change in net position	\$	3,646,225	\$	11,118,952	\$	10,404,569

Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light

Management's Discussion and Analysis As of and for the Years Ended June 30, 2020 and 2019

Investment Results

The fiscal year ended June 30, 2020 saw a net investment income of \$4.16 million. We believe this performance is consistent with the experience of similarly situated employee benefit funds.

The Board of Water and Light – City of Lansing, Michigan's ("BWL") actuarially determined contribution (ADC) as determined by the BWL's actuary was \$0 in fiscal year 2020. Therefore, no employer contributions were required.

The discount rate was 7.5 percent in fiscal year 2019 and 7.0 percent in fiscal year 2020.

Investment Objectives and Asset Allocation

The assets shall be invested in accordance with sound investment practices that emphasize long-term investment fundamentals. In establishing the investment objectives of the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light ("Plan"), the BWL has considered the time horizon available for investment, the nature of the Plan's cash flows and liabilities, and other factors that affect the Plan's risk tolerance.

The investment of assets is intended to result in moderate, long-term capital appreciation through moderate risk-taking. The Plan's overall investment objective is to earn an average, annual return of 7.0% over five-year rolling periods. Achievement of this objective is likely to result in stable to declining future contribution rates and ensure its ability to pay retirement benefits for all plan participants.

Consistent with the advice of its investment advisor, the BWL has selected the following target asset allocation strategy:

Asset Class	Target Asset Allocation				
Core bonds	1 5%				
Multi-sector	5%				
Liquid absolute return	5%				
U.S. large cap equity	30%				
U.S. small cap equity	10%				
Non-U.S. equity	20%				
Core real estate	8%				
Value add RE	<u>7%</u>				
Total	100%				

Management's Discussion and Analysis As of and for the Years Ended June 30, 2020 and 2019

Future Events

The BWL intends to continue fund its actuarially determined contributions (ADC) annually.

Contacting the Plan's Management

The financial report is intended to provide a general overview of the Plan's finances and to demonstrate accountability for the funds it administers. Questions about this report should be submitted to Lansing Board of Water and Light, Chief Financial Officer, P.O. Box 13007, Lansing, Michigan 48901–3007.

Statement of Fiduciary Net Position

	As of June 30			
		2020		2019
Assets				
Investments - fair value:				
Cash and money market trust funds	\$	578,216	\$	3,437,276
Fixed income securities		283		20,108,406
U.S. government obligations		-		18,994,138
Equities		85,193,786		67,168,552
Mutual funds		72,136,937		75,437,370
Common collective funds		40,856,781		9,825,815
Total investments at fair value		198,766,003		194,971,557
Investment interest and dividend receivable		26,604		261,067
Trade receivable - due from broker		13,252		1,539
Total assets		198,805,859		195,234,163
Liabilities				
Trade payable - due to broker		1,057		75,586
Net position restricted for retiree benefits	\$	198,804,802	\$	195,158,577

Statement of Changes in Fiduciary Net Position

	For the Year Ended June 30			
	2020		2019	
Additions				
Investment income:				
Net appreciation in fair value of investments	\$	1,326,808	\$	7,052,500
Interest and dividend income		2,831,518		4,635,052
Total investment income		4,158,326		11,687,552
Employer contributions		9,156,565		9,277,538
Total additions		13,314,891		20,965,090
Deductions				
Retiree benefits paid		9,156,565		9,277,538
Administrative expenses		512,101		568,600
Total deductions		9,668,666		9,846,138
Net Increase in Net Position		3,646,225		11,118,952
Net Position Restricted for Retiree Benefits				
Beginning of year		195,158,577		184,039,625
End of year	\$	198,804,802	\$	195,158,577

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 1 - Summary of Significant Accounting Policies

Reporting Entity

The Board of Water and Light - City of Lansing, Michigan ("BWL") sponsors the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light ("Plan"), which is a single-employer defined benefit healthcare plan. The Plan was established on October 20, 1999, effective as of July 1, 1999, for the purpose of accumulating assets to fund retiree healthcare insurance costs in future years.

Accounting and Reporting Principles

The Plan follows accounting principles generally accepted in the United States of America (GAAP) as applicable to governmental units. Accounting and financial reporting pronouncements are promulgated by the Governmental Accounting Standards Board.

Basis of Accounting

Fiduciary funds use the economic resources measurement focus and the full accrual basis of accounting. Revenue is recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Employer contributions to the Plan are recognized when due pursuant to legal requirements.

Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

Report Presentation

This report includes the fund-based statements of the Plan.

Investment Valuation and Income Recognition – Plan investments are reported at fair value. Securities traded on a national or international exchange are valued at the last reported sales price.

Purchases and sales of investments are recorded on a trade-date basis.

Appreciation or depreciation of investments is calculated based on the beginning of the period's fair value of investments.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 1 - Summary of Significant Accounting Policies (Continued)

Report Presentation (Continued)

Expenses – Substantially all Plan expenses are paid by the Plan.

Use of Estimates – The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

Note 2 - Description of the Plan

The following description of the Plan, a trust fund of the BWL, provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General – The Plan was established on October 20, 1999, effective as of July 1, 1999, to constitute a voluntary employee beneficiary association (VEBA) under Section 501(c)(9) of the Internal Revenue Code of 1986, as amended. The Plan was formed for the purpose of accumulating assets sufficient to fund retiree healthcare insurance costs in future years.

The Plan is a single-employer defined benefit healthcare plan. The Plan provides medical, dental, and life insurance benefits in accordance with Section 5–203 of the City Charter. The City Charter grants the authority to establish and amend the benefit terms to BWL. Substantially all of the BWL's employees may become eligible for insurance benefits under the Plan if they reach normal retirement age while working for the BWL. There were 754 participants eligible to receive benefits at June 30, 2020 and 745 participants eligible at June 30, 2019.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 2 - Description of the Plan (Continued)

Benefits – Benefits shall not be paid from this Plan to participants or their beneficiaries during a plan year in which there has been a "qualified transfer" pursuant to Internal Revenue Code Section 420(e)(1)(8) from the Lansing Board of Water and Light Defined Benefit Plan for the Employees' Pensions, except that once the "qualified transfer" has been exhausted for the purpose of paying qualified current retiree health liabilities, benefit payments may be made under this Plan consistent with Internal Revenue Code Section 420(e)(1)(B). After "qualified transfers" have been exhausted, benefits paid under this Plan shall be those benefits described in the Plan document of the Postretirement Benefit Plan for Eligible Employees of the Lansing Board of Water and Light.

Trustees – Each voting member of the BWL Board of Commissioners is a Trustee during the term of office as a commissioner. The Trustees have appointed Fifth Third Bank as custodian of the Plan's assets.

Contributions - Section 5-203 of the City Charter grants the authority to establish and amend the contribution requirement of the City and Plan members to BWL. The retiree benefits are paid by BWL's general cash flow to the third party administrators who process participant claims. These payments represent contributions to the Plan. Employer contributions in the statement of changes in net position are equal to the retiree benefits paid because the actuarially determined contribution (ADC) for the year ended June 30, 2020 was less than the pay-as-you-go amount. During the years ended June 30, 2020 and 2019, BWL incurred \$9,165,565 and \$9,277,538 in benefit payments, respectively. The BWL may make additional contributions in such a manner and at such times as appropriate. All contributions received, together with the income thereon, are held, invested, reinvested, and administered by the Trustees pursuant to the terms of the Plan agreement. Additional contributions are only made to the Plan if the ADC is more than the pay-as-you-go amount. No employee contributions are allowed under this Plan. Contributions are recognized when due and when the amount to be contributed is committed by the BWL. For the years ended June 30, 2020 and 2019, the contribution rates of the employers were 15.7 percent and 16.3 percent of covered-employee payroll, respectively.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 2 – Description of the Plan (Continued)

Participation – Participation in this Plan is determined in accordance with the terms of the Post–Retirement Benefit Plan and Trust for Eligible Employees of the Lansing Board of Water and Light. At June 30, 2020, there were 676 active participants (not eligible to receive benefits), 75 disabled participants, 532 retired participants, and 147 surviving spouses participating in the Plan. At June 30, 2019, there were 690 active participants (not eligible to receive benefits), 78 disabled participants, 523 retired participants, and 144 surviving spouses participating in the Plan.

Vesting – Benefits become payable in accordance with the terms of the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light. At no time will benefits of the Plan be vested. The BWL may reduce or eliminate any or all plan benefits at any time, subject to the requirements of any collective bargaining agreement.

Termination – In the event of Plan termination, all Plan assets shall be used to purchase additional eligible benefits in accordance with the terms of the Plan agreement. In the event of dissolution, merger, consolidation, or reorganization of the BWL, the Plan shall terminate and liquidate in a manner consistent with the Plan agreement unless the Plan is continued by a successor to the BWL.

Note 3 - Cash, Investments, and Fair Disclosure

The Plan is authorized through Public Act 149 of 1999 to invest in accordance with Public Act 314. Public Act 314 of 1965, as amended, allows the Plan to invest in certain reverse repurchase agreements, stocks, diversified investment companies, annuity investment contracts, real estate leased to public entities, mortgages, real estate, debt or equity of certain small businesses, certain state and local government obligations, and certain other specified investment vehicles.

The Plan's deposits and investment policies are in accordance with PA 196 of 1997 and have authorized the investments according to Michigan PA 314 of 1965, as amended.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 3 - Cash, Investments, and Fair Disclosure (Continued)

The Plan's cash and investments are subject to several types of risk, which are examined in more detail below:

Custodial Credit Risk of Bank Deposits

Custodial credit risk is the risk that in the event of a bank failure, the Plan's deposits may not be returned to it. The Plan requires that financial institutions must meet minimum criteria to offer adequate safety to the Plan. The Plan evaluates each financial institution with which it deposits funds and only those institutions meeting minimum established criteria are used as depositories. The Plan does not have any deposits exposed to custodial credit risk.

Custodial Credit Risk of Investments

Custodial credit risk is the risk that, in the event of the failure of the counterparty, the Plan will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Plan does not have a policy for custodial credit risk. At year-end, all investments of the Plan were held in the name of the Plan and are therefore not subject to custodial credit risk.

Interest Rate Risk

Interest rate risk is the risk that the value of investments will decrease as a result of a rise in interest rates. The Plan's investment policy does not restrict investment maturities. At June 30, 2020, the average maturities of investments are as follows:

Investment	Fair Value	Weighted Average Maturity
Fixed income securities	283	20.3
Money market trust funds	578,216	Less than 1 year
Portfolio weighted average maturity	_	20.3

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 3 - Cash, Investments, and Fair Disclosure (Continued)

At June 30, 2019 the average maturities of investments are as follows:

Investment	<u>Fair Value</u>	Weighted Average Maturity
U.S. government obligations	\$ 18,994,138	12.80 years
Fixed income securities	20,108,406	11.48 years
Money market trust funds	3,437,276	Less than 1 year
Portfolio weighted average maturity	-	12.12 years

Credit Risk

State law limits investments in commercial paper to the top two ratings issued by nationally recognized statistical rating organizations. The Plan has no investment policy that would further limit its investment choices. As of June 30, 2020, the credit quality ratings of debt securities are as follows:

Investment	Fair Value	Rating	Rating Organization
Fixed income securities	283	AA	S&P
Money market trust funds	578,216	Not rated	Not rated

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 3 - Cash, Investments, and Fair Disclosure (Continued)

As of June 30, 2019, the credit quality ratings of debt securities are as follows:

			Rating
Investment	Fair Value	Rating	<u>Organization</u>
U.S. government obligations - implicitly guaranteed	\$ 7,711,966	AA+	S&P
U.S. government obligations - implicitly guaranteed	367,684	AA	S&P
Fixed income securities	2,623,158	AAA	S&P
Fixed income securities	6,057,705	AA+	S&P
Fixed income securities	1,078,532	AA	S&P
Fixed income securities	422,260	AA-	S&P
Fixed income securities	773,675	A+	S&P
Fixed income securities	1,637,385	Α	S&P
Fixed income securities	2,059,561	Α-	S&P
Fixed income securities	2,972,577	BBB+	S&P
Fixed income securities	1,621,369	BBB	S&P
Fixed income securities	859,092	BBB-	S&P
Fixed income securities	3,092	B+	S&P
Money market trust funds	3,437,276	Not rated	Not rated

Note 4 - Tax Status

The Plan is exempt under Internal Revenue Code Section 501(c)(9) and received an exemption letter as of February 9, 2000. The Plan has since been amended. Management believes the Plan continues to operate as a qualified plan.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 5 – Plan Investments - Policy and Rate of Return

BWL's policy in regard to the allocation of invested assets is established and may be amended by the BWL Board by a majority vote of its members. It is the policy of the BWL Board to pursue an investment strategy that reduces risk through the prudent diversification of the portfolio across a broad selection of distinct asset classes. The following was the Board's adopted asset allocation policy as of June 30, 2020 and 2019:

Asset Class	2020 TargetAllocation	2019 Target Allocation
- -		
Core bonds	15.00%	15.00%
Multi-sector	5.00%	5.00%
Liquid absolute return	5.00%	5.00%
U.S. large cap equity	30.00%	30.00%
U.S. small cap equity	10.00%	10.00%
Non-U.S. equity	20.00%	20.00%
Core real estate	8.00%	8.00%
Value add RE	7.00%	7.00%

Rate of Return – For the years ended June 30, 2020 and 2019 the annual money-weighted rate of return on investments, net of investment expense, was 2.13% and 6.36%, respectively. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

Note 6 – Net OPEB Liability (Asset) of BWL

Net OPEB Liability (Asset) of BWL -The components of the net OPEB liability (asset) for BWL at June 30, 2020 and 2019 were as follows:

	June 30, 2020	June 30, 2019
Total OPEB Liability	\$ 154,602,686	\$ 148,549,677
Plan fiduciary net position	(198,804,802)	(195,158,575)
BWL's net OPEB liability (asset)	\$ (44,202,116)	\$ (46,608,898)
Plan fiduciary net position as a percentage of the total OPEB Liability (asset)	128.59%	131.38%

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 6 – Net OPEB Liability (Asset) of BWL (Continued)

Actuarial assumptions – The total OPEB liability was determined by an actuarial valuation as of June 30, 2020, using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Inflation 2.25%

Payroll Growth 9.3% growth at age 25 and decreases to

6.4% for ages 60+. This percentage

includes general wage inflation and merit /

productivity increases

Long-term expected Rate of Return 7.0%

Healthcare cost trend rates 8.25% for 2020, decreasing 0.25% per year

to an ultimate rate of 4.50% in 2035 and

later years

The total OPEB liability was determined by an actuarial valuation as of June 30, 2019, using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Inflation 3.0%

Payroll Growth 9.3% growth at age 25 and decreases to

6.4% for ages 60+. This percentage

includes general wage inflation and merit /

productivity increases

Long-term expected Rate of Return 7.5%

Healthcare cost trend rates 8.50% for 2019, decreasing 0.25% per year

to an ultimate rate of 4.50% in 2035 and

later years

For the June 30, 2020 and 2019 valuation, mortality rates were based on the PUBH-2010 General Mortality Table projected generationally using MP-2019 scale and MP-2018 scale, respectively.

Best actuarial practices call for a periodic assumption review and BWL had completed an experience study in 2017. At that time, Nyhart recommended BWL to complete another experience study prior to the fiscal year ending June 30, 2022 valuation.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 6 – Net OPEB Liability (Asset) of BWL (Continued)

For the June 30, 2020 valuation, the long-term expected rate of return is 7.0%. The rate was determined using a building-block method where expected future real rates of return are developed for each major asset class. These expected future real rates of return are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the target asset allocation as of June 30, 2020 are as follows:

Asset Class	Long-Term Expected Real Rate of Return
Core bonds	2.60%
Multi-sector	3.43%
Liquid absolute return	3.25%
U.S. large cap equity	7.14%
U.S. small cap equity	8.43%
Non-U.S. equity	8.37%
Core real estate	6.73%
Value add RE	8.23%

For the June 30, 2019 valuation, the long-term expected rate of return is 7.50%. The rate was determined using a building-block method where expected future real rates of return are developed for each major asset class. These expected future real rates of return are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the target asset allocation as of June 30, 2019 are as follows:

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 6 – Net OPEB Liability (Asset) of BWL (Continued)

Asset Class	Long-Term Expected Real Rate of Return
Core bonds	2.62%
Multi-sector	3.49%
Liquid absolute return	3.75%
U.S. large cap equity	7.21%
U.S. small cap equity	8.42%
Non-U.S. equity	8.34%
Core real estate	6.78%
Value add RE	7.29%

Discount Rate – The discount rate used to measure the total OPEB liability was 7.0% and 7.5% for June 30, 2020 and 2019, respectively. The discount rate is based on the long-term expected rate of return on OPEB plan investments that are expected to be used to finance future benefit payments to the extent that (a) they are sufficient to pay for the projected benefit payments and (b) the OPEB plan assets are invested using a strategy that will achieve that return. When the OPEB plan investments are insufficient to cover future benefit payments, a yield for 20-year tax-exempt general obligation municipal bonds with an average rating of AA /Aa or higher (or equivalent quality on another rating scale) must be used.

Sensitivity of the net OPEB liability (asset) to changes in the discount rate The following presents the net OPEB liability (asset) of BWL, as well as what BWL's net OPEB liability (asset) would be if it were calculated using a discount rate that is 1 percentage point lower (6.0 percent) or 1 percentage point higher (8.0 percent) than the current discount rate (7.0 percent) as of June 30, 2020:

_	June 30, 2020		
	1% Decrease	Current Discount Rate	<u>1% Increase</u>
Net OPEB Liability (asset)	\$(26,376,741)	\$(44,202,116)	\$(59,182,348)

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 6 – Net OPEB Liability (Asset) of BWL (Continued)

The following presents the net OPEB liability (asset) of BWL, as well as what BWL's net OPEB liability (asset) would be if it were calculated using a discount rate that is 1 percentage point lower (6.5 percent) or 1 percentage point higher (8.5 percent) than the current discount rate (7.5 percent) as of June 30, 2019:

	June 30, 2019		
	1% Decrease	Current Discount Rate	<u>1% Increase</u>
Net OPEB Liability (asset)	\$(30,506,982)	\$(46,608,898)	\$(60,250,506)

Sensitivity of the net OPEB liability (asset) to changes in the healthcare cost trend rates. The following presents the net OPEB liability (asset) of BWL, as well as what BWL's net OPEB liability (asset) would be if it were calculated using healthcare cost trend rates that are 1 percentage point lower or 1 percentage point higher than the current healthcare cost trend rates as of June 30, 2020 and 2019:

	1% Decrease	Healthcare Cost Trend Rates	1% Increase		
Net OPEB Liability (asset)	\$(60,529,722)	\$(44,202,116)	\$(24,480,910)		
		June 30, 2019			
	1% Decrease	Healthcare Cost Trend Rates	1% Increase		
Net OPEB Liability (asset)	\$(61,585,517)	\$(46,608,898)	\$(28,613,760)		

Note 7 – Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under authoritative guidance are described as follows:

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 7 – Fair Value Measurements (Continued)

- Level 1 Inputs to the valuation methodology are unadjusted quoted market prices for identical assets in active markets that the Plan has the ability to access.
- Level 2 Inputs to the valuation methodology include:
 - > quoted prices for similar assets or liabilities in active markets;
 - > quoted prices for identical or similar assets or liabilities in inactive markets;
 - > inputs other than quoted prices that are observable for the asset or liability;
 - > inputs that are derived principally from or corroborated by observable market data by correlation or other means; and
 - > if the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.
- Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observables and minimize the use of unobservable inputs.

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at June 30, 2020 and 2019:

Money market fund: Valued at the quoted net asset value ("NAV") of shares held by the Plan at year-end.

Common Stock, Fixed income securities, and U.S. government obligations: Valued at the most recent closing price reported on the market on which individual securities are traded.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 7 – Fair Value Measurements (Continued)

Mutual and common collective funds: Valued at the daily closing price as reported by the fund. Mutual and common collective funds held by the Plan are open-end mutual and common collective funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily NAV and to transact at that price. The mutual and common collective funds held by the Plan are deemed to be actively traded.

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of June 30, 2020 and 2019:

	June 30, 2020								
Investment Type		Level 1		Level 2		Level 3		Total	
Cash and money market trust fund	\$	_	\$	578,216	\$	_	\$	578,216	
Fixed income securities		_		283		-		283	
Common Stock		85,193,786		_		-		85,193,786	
Mutual funds		_		72,136,937		-		72,136,937	
Common collective funds				40,856,781		<u> </u>	_	40,856,781	
Total	\$	85,193,786	\$ 1	13,572,217	\$		\$	198,766,003	
				June 30	, 20	19			
Investment Type		Level 1		Level 2		Level 3		Total	
Cash and money market trust fund	\$	-	\$	3,437,276	\$	-	\$	3,437,276	
Fixed income securities		-		20,108,406		-		20,108,406	
U.S. government obligations		-		18,994,138		-		18,994,138	
Common Stock		67,168,552		_		-		67,168,552	
Mutual funds		_		75,437,370		-		85,263,185	
Common collective funds				9,825,815			_		
Total	\$	67,168,552	\$ 1	27,803,005	\$		\$	194,971,557	

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

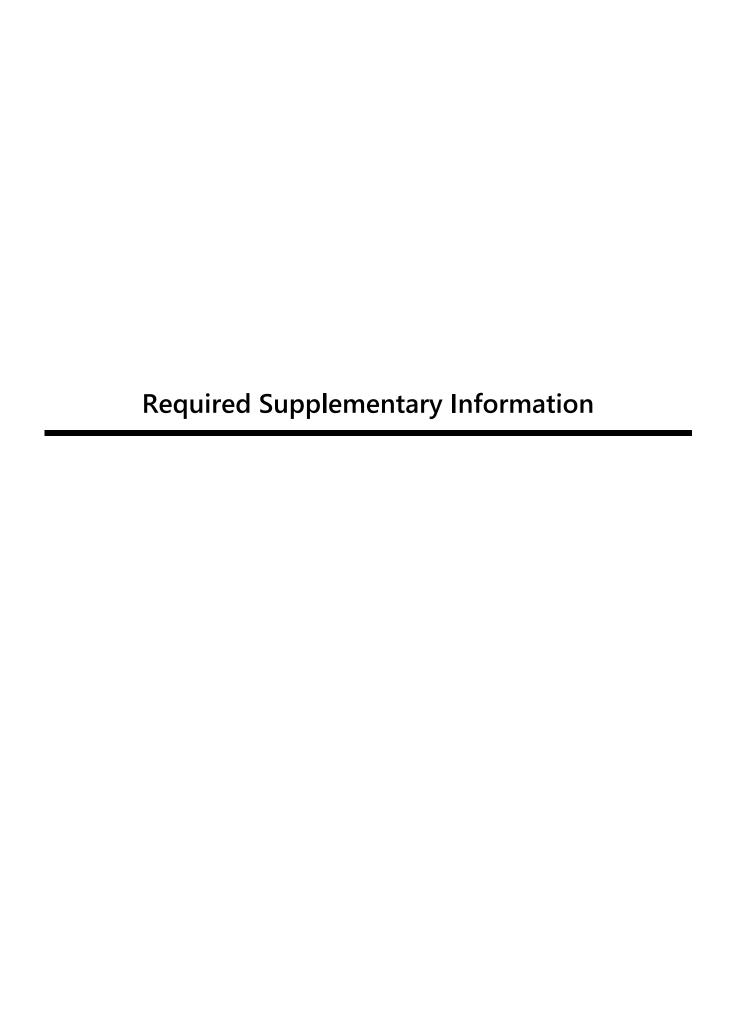
Note 8 – Risks and Uncertainties

Plan contributions are made and the accrued actuarial liability is reported based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

In addition, the Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the Statement of Fiduciary Net Position.

Note 9 – Subsequent Events

The Plan has evaluated subsequent events occurring through the date that the Plan's financial statements were approved and available to be issued, for events requiring recording or disclosure in the Plan's financial statements. There are no subsequent events warranting disclosures.



Required Supplemental Information (Unaudited)
Schedule of Changes in BWL's
Net OPEB Liability and Related Ratios
Last Ten Fiscal Years
(in thousands)

	2020	2019	2018	2017	2016*	2015*	2014*	2013*	2012*	2011*
Total OPEB Liability										
Service cost	\$ 3,245	\$ 4,403	\$ 4,827	\$ 3,130	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest	10,804	14,920	15,039	14,226	-	-	-	-	-	
Changes in benefit terms	-	(415)	-	-	-	-	-	-	-	
Differences between expected and actual experience	(6,093)	(5,231)	(9,880)	5,281	-	-	-	-	-	-
Changes in assumptions	7,254	(59,336)	(1,728)	(2,027)	-	-	-	-	-	-
Benefit payments, including refunds	(9,157)	(9,278)	(10,395)	(9,574)						
Net Change in Total OPEB Liability	6,053	(54,937)	(2,137)	11,036	-	-	-	-	-	_
Total OPEB Liability - Beginning of year	148,550	203,487	205,624	194,588						
Total OPEB Liability - End of year	154,603	148,550	203,487	205,624	-	-	-	-	-	-
Trust Net Position										
Contributions - Employer	9,157	9,278	10,395	9,574	-	-	-	-	-	-
Contributions - Member	-	-	-	-	-	-	-	-	-	_
Net investment income	4,158	11,688	11,039	18,040	-	-	-	-	-	_
Administrative expenses	(512)	(569)	(634)	(705)	-	-	-	-	-	-
Benefit payments, including refunds	(9,157)	(9,278)	(10,395)	(9,574)	-	-	-	-	-	-
Other										
Net change in Net Position Held in Trust	3,646	11,119	10,405	17,335	-	-	-	-	-	-
Trust fiduciary net position - Beginning of year	195,159	184,040	173,635	156,300						
Trust fiduciary net position - End of year	198,805	195,159	184,040	173,635						
BWL Net OPEB Liability (Asset) - Ending	<u>\$ (44,202)</u>	<u>\$ (46,609</u>)	\$ 19,447	\$ 31,989	<u>\$ -</u>	<u>\$</u>	<u>\$ -</u>	<u>\$</u>	\$ -	<u> </u>
Trust Fiduciary Net Position as a % of Total OPEB Liability (Asset)	128.59%	131.38%	90.44%	84.44%	- %	- %	- %	- %	- %	- %
Covered Employee Payroll	\$ 58,198	\$ 56,785	\$ 55,650	\$ 54,383	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BWL's Net OPEB Liability (Asset) as a % of Covered Employee Payroll	(75.95%)	(82.08%)	34.95%	58.82%	- %	- %	- %	- %	- %	- %

^{*}GASB Statement No. 74 was implemented as of June 30, 2017. Information from 2011 - 2016 is not available and this schedule will be presented on a prospective basis.

Required Supplemental Information (Unaudited)
Schedule of Employer Contributions
Last Ten Fiscal Years
(in thousands)

	Employer Cont	ributions	Difference of		Percentage of Actual
Fiscal Year			Required to Actual	Covered Employee	Contributions to
Ended	Required	Actual	Contributions	Payroll	Covered Payroll
6/30/2011	17,300	17,236	(64)	47,213	37%
6/30/2012	15,774	15,854	80	46,885	34%
6/30/2013	13,994	14,045	51	47,468	30%
6/30/2014	9,200	9,268	68	46,971	20%
6/30/2015	5,762	9,671	3,909	50,885	19%
6/30/2016	5,788	9,423	3,635	53,893	17%
6/30/2017	7,508	9,574	2,066	54,383	18%
6/30/2018	7,535	10,395	2,860	55,650	19%
6/30/2019	7,031	9,278	2,247	56,785	16%
6/30/2020	-	9,157	9,157	58,198	16%

Required Supplemental Information (Unaudited)
Schedule of Investment Returns
Last Ten Fiscal Years

	2020	2019	2018	2017	2016	2015*	2014*	2013*	2012*	2011*
Annual money-weighted rate of return,										
net of investment expense	2.13%	6.36%	6.37%	10.01%	0.32%	- %	- %	- %	- %	- %

^{*}GASB Statement No. 74 was implemented as of June 30, 2017. Information from 2011 - 2015 is not available and this schedule will be presented on a prospective basis.

Notes to Required Supplementary Information (Unaudited) Years Ended June 30, 2020 and 2019

Actuarial valuation information relative to the determination of contributions:

Valuation date June 30, 2020, based on roll-forward of February 28, 2020

valuation

Methods and assumptions used to determine contribution rates:

Actuarial cost method Entry age normal level % of salary method Amortization method Level dollar over a 30-year closed period

Remaining amortization period 27 years
Inflation 2.25 percent

Salary increases 9.3 percent growth at age 25 and decreases to 6.4 percent for

ages 60+. This percentage includes general wage inflation and

merit / productivity increases.

Investment rate of return 7.0 percent per year compounded annually

Mortality PUBH-2010 General Mortality Table projected generationally

using MP-2019 scale

Actuarial valuation information relative to the determination of contributions:

Valuation date June 30, 2019, based on roll-forward of February 28, 2019

valuation

Methods and assumptions used to determine contribution rates:

Actuarial cost method Entry age normal level % of salary method Amortization method Level dollar over a 30-year closed period

Remaining amortization period 28 years Inflation 3.0 percent

Salary increases 9.3 percent growth at age 25 and decreases to 6.4 percent for

ages 60+. This percentage includes general wage inflation and

merit / productivity increases.

Investment rate of return 7.5 percent per year compounded annually

Mortality PUBH-2010 General Mortality Table projected generationally

using MP-2018 scale

Notes to Required Supplementary Information (Unaudited) Years Ended June 30, 2020 and 2019

Significant Changes:

June 30, 2020

- > Difference between actual and expected experience The \$6.09MM gain on the Total OPEB Liability for the fiscal year ending June 30, 2020 is attributable to the combination of unfavorable demographic experience and a reduction in the per capita claims cost used in the June 30, 2020 valuation. The \$1.13MM loss associated with demographic experience is mainly attributable to active participant retirements. The \$7.22MM gain due to a reduction in per capita claims cost is attributable a decrease in the Pre-65 medical and prescription drug premiums for 2020. The 2019 Pre-65 medical and Rx monthly premium for a retiree was \$1,073.13. For 2020, the Pre-65 medical and Rx monthly premium for a retiree is \$957.99. An 11% reduction in monthly premium. The combination of the demographic loss and the reduction in monthly premiums resulted in the overall \$6.09MM actuarial gain.
- > Assumption change The \$7.25MM loss on the Total OPEB liability for the fiscal year ending June 30, 2020 is attributable to updating the mortality improvement scale to the MP-2019 scale and decreasing the discount rate from 7.50% to 7.00%. Updating the mortality improvement scale resulted in a \$.53MM actuarial gain. Whereas, decreasing the discount rate resulted in a \$7.78MM actuarial loss. The combination of these changes resulted in the overall \$7.25MM actuarial loss.

June 30, 2019

> Difference between actual and expected experience – The \$5.2 million gain on the Total OPEB Liability for the fiscal year ending June 30, 2019 is primarily due to favorable demographic experience. The favorable experience is mainly attributable to terminations of active participants and deaths of participants with and without beneficiaries.

Notes to Required Supplementary Information (Unaudited) Years Ended June 30, 2020 and 2019

Significant Changes (Continued):

- > Assumption changes (1) The plan experienced a \$54.4 million gain on the Total OPEB Liability due to a change of the assumed per capita claims cost. The Board changed the Plan's insurance provider for Medicare eligible participants from The Hartford and Envision Insurance to Humana. Doing so resulted in a dramatic decrease in both the medical and prescription drug monthly premiums from the prior fiscal year (\$98.99 per month vs. \$219.54 per month for medical coverage and \$213.47 per month vs. \$305.00 per month for prescription drug coverage); (2) The Plan experienced a \$3.8 million loss on the mortality assumption change. The mortality assumption was updated from the RPH-2014 Total Dataset mortality, adjusted to 2006 and projected generationally using the MP-2017 improvement scale to the PUBH-2010 General Employees Mortality, projected generationally using the MP-2018 improvement scale; and (3) The Plan experienced a \$8.7 million gain on a change to the medical and prescription drug trend assumptions. The trend assumptions were changed to those prescribed under the Michigan Uniform Assumptions for the 2019 fiscal year.
- > Change in benefit terms The Plan experienced a \$.4 million gain due to an expected increase in the retiree contribution percentage for employees hired on or after January 1, 2009. The expected contribution percentage was increased from 14% to 20% of the premium charged to active employees.

June 30, 2018

- > Difference between actual and expected experience The \$9.9 million gain on the Total OPEB Liability for the fiscal year ending June 30, 2018 is attributable to a reduction in the per capita claims cost used in the 6/30/2018 valuation. Better than expected claims experience during the fiscal year resulted in a decrease in the projected claims when compared to those used in the 6/30/2017 valuation.
- > Assumption change The mortality improvement scale was updated to the MP-2017 scale.

Post-Retirement Benefit Plan for Eligible Employees
June 30, 2020 GASB 74/75 Actuarial Valuation Report
July 14, 2020



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

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Post-Retirement Benefit Plan for Eligible Employees

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Executive Summary

Governmental accounting requirements and purpose of this report

The Governmental Accounting Standards Board Statements No. 74 and No. 75 require trusts (GASB 74) and employers (GASB 75) to accrue the cost associated with other post-employment benefits ("OPEB") while eligible employees are providing services to the employer. Lansing Board of Water and Light (the "Board") adopted GASB 74/75 for the fiscal year ending June 30, 2018.

The purpose of this actuarial valuation report is to provide the Board with:

- 1) The amount of accrued liability related to the Board's OPEB plan (Net OPEB Liability) using the most recent census data, discount rate and healthcare trend rates;
- 2) Projected cash contributions (pay-as-you-go costs); and
- 3) The GASB 74/75 expense and disclosure information needed to fulfill the Board's financial reporting requirements for the current fiscal year.

Key measures for the prior and current fiscal years		6/30/2019		6/30/2020
Active participants		690		676
Retired participants		745		754
Total		1,435		1,430
Present value of future benefits (PVFB)	\$	180,017,135	\$	189,296,464
Total OPEB liability (TOL)	\$	148,549,677	\$	154,602,686
Fiduciary net position (FNP)		195,158,575		198,804,802
Net OPEB liability (NOL)		(46,608,898)		(44,202,116)
Funded ratio		131.38%		128.59%
OPEB expense	\$	(6,226,213)	\$	(9,700,346)
Expected contributions in upcoming fiscal year	\$	9,644,676	\$	9,412,665
Key assumptions				
Census date		2/28/2019		2/29/2020
Valuation date		6/30/2019		6/30/2020
Measurement date		6/30/2019		6/30/2020
Discount rate		7.50%		7.00%
Healthcare trend rates				
Year 1		8.50%		8.25%
Year 2		8.25%		8.00%
Ultimate		4.50%		4.50%
Year ultimate trend rate is achieved		2035		2035
Actuarial cost method	Er	try Age Normal	Er	ntry Age Normal



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Executive Summary (continued)

Discount rate

Projected benefit payments are required to be discounted to their actuarial present value using a Single Discount Rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits) and (2) a tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA/Aa credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on OPEB plan investments is 7.00%; the municipal bond rate is 2.21% (based on the daily rate closest to but not later than the measurement date of the Bond Buyer "20-Bond GO Index"); and the resulting Single Discount Rate is 7.00%.

The projection of cash flows used to determine the discount rate assumes that Lansing Board of Water and Light will make contributions equal to at least the annual "pay as you go cost". Based on this assumption, the OPEB plan's fiduciary net position is projected to cover all future OPEB payments. Therefore, we determined the discount rate to be the long-term expected rate of return on OPEB plan investments.

Assumption and method changes since the prior valuation

(1) The mortality projection scale was updated to the MP-2019 scale; (2) The discount rate was decreased from 7.50% to 7.00%; (3) The assumed Medicare Part B premium reimbursement was increased from \$1,464 per year to \$1,560 per year.

Plan provision changes since the prior valuation - None.

Funding policy

Currently, the Board pays the annual pay-as-you-go cost from general assets to fund this obligation.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report

Actuarial Certification

July 14, 2020

This report presents actuarial and accounting results related to the Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees (the "Plan"). Results herein were prepared pursuant to Governmental Accounting Standards Board Statements 74 and 75 ("GASB 74/75").

The primary purpose of this report is to provide financial statement information pursuant to GASB 74/75 for the fiscal year ending June 30, 2020. The results of our calculations are set forth in this report, as are the actuarial assumptions and methods and a brief summary of the eligibility criteria and benefits for retirees.

To the best of our knowledge, the information supplied in this report is complete and accurate. The analysis and calculations were conducted in a manner consistent with the Standards of Professional Conduct, Qualifications, and Practice of the American Academy of Actuaries and consistent with the standards of practice of the Actuarial Standards Board.

All costs, liabilities, rates of interest, and other factors under the Plan have been determined on the basis of actuarial assumptions and methods which are reasonable and consistent with our understanding of GASB 74/75. All assumptions have been discussed with the Lansing Board of Water and Light and appear to represent the best estimate of anticipated experience under the Plan. In preparing this report we relied on the census data, plan provisions, and other plan financial information provided by the Lansing Board of Water and Light. Actuarial computations under GASB 74/75 are for purposes of fulfilling employer financial accounting requirements. Determinations for purposes other than meeting employer financial accounting requirements may be significantly different from the results contained in this report.

Respectfully Submitted,

Mark W. Miller, ASA, EA, MAAA, FCA Benassist Retirement Consulting, LLC



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Summary of Key Results

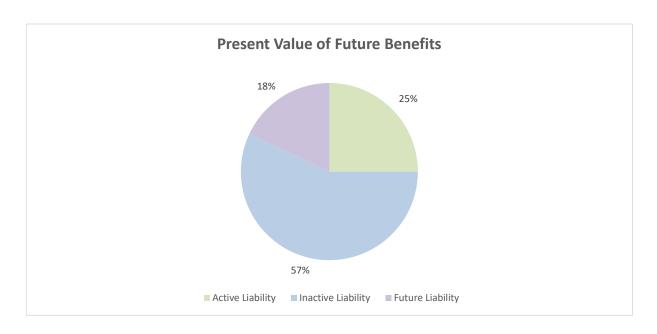
Census data summary Active participants 690 676 Retired participants 745 754 Total 1,435 1,430 Covered payroll \$56,785,166 \$58,198,143 Present value of future benefits (PVFB) Active participants \$80,495,983 \$2,807,335 Retired participants 99,521,152 106,489,129 Total \$180,017,135 \$189,296,464 Present value of future normal costs (PVFNC) \$31,467,458 \$34,693,778 Total OPEB Liability (TOL) Active participants \$49,028,525 \$48,113,557 Retired participants 99,521,152 106,489,129 Total \$148,549,677 \$154,602,686 Fiduciary net position (FNP) \$195,158,575 \$198,804,802 Net OPEB liability (NOL) \$(46,608,898) \$(44,202,116) Funded status 131.38% 128.59% OPEB expense \$(5,226,213) \$(9,700,346) Contribution



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Present Value of Future Benefits



		6/30/2019	6/30/2020
Present value of future benefits			
Active participants	\$	80,495,983	\$ 82,807,335
Inactive participants			
Retirees	\$	56,378,445	\$ 60,190,035
Spouses	_	43,142,707	 46,299,094
Total inactive		99,521,152	106,489,129
Total	\$	180,017,135	\$ 189,296,464
Fiduciary net position (FNP)	\$	195,158,575	\$ 198,804,802
Unfunded present value of future benefits (surplus)	\$	(15,141,440)	\$ (9,508,338)
Funded ratio		108.41%	105.02%
Discount rate		7.50%	7.00%



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report Total OPEB Liability



	6/30/2019	6/30/2020
Total OPEB liability		
Active participants	\$ 49,028,525	\$ 48,113,557
Inactive participants		
Retirees	\$ 56,378,445	\$ 60,190,035
Spouses	 43,142,707	 46,299,094
Total inactive	99,521,152	106,489,129
Total	\$ 148,549,677	\$ 154,602,686
Fiduciary net position (FNP)	\$ 195,158,575	\$ 198,804,802
Net OPEB liability (NOL)	\$ (46,608,898)	\$ (44,202,116)
Funded ratio	131.38%	128.59%
Service cost	\$ 3,018,229	\$ 3,172,541
Discount rate	7.50%	7.00%



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Statement of Fiduciary Net Position

		6/30/2019		6/30/2020
Assets				
Cash and deposits	\$	3,437,276	\$	578,216
Receivables				
Contributions		0		0
Due from broker for investments sold		1,539		13,252
Net receivable on investments	_	261,067		26,604
Total receivables	\$	262,606	\$	39,856
Investments				
U.S. government and agencies		18,994,138		0
Corporate bonds and notes		20,108,406		283
U.S. common stocks		52,083,683		56,232,716
Common collective fund - other		9,825,815		40,856,781
Mutual funds		75,437,370		72,136,937
Real estate	_	15,084,868		28,961,070
Total investments	\$	191,534,280	\$	198,187,787
Total assets	\$	195,234,162	\$	198,805,859
Liabilities				
Payables:				
Investment management fees	\$	0	\$	0
Due to broker for investments purchased		(75,587)	_	(1,057)
Total payables	\$	(75,587)	\$	(1,057)
Total liabilities	\$	(75,587)	\$	(1,057)
Net position restricted for OPEBs	\$	195,158,575	\$	198,804,802

Investment Policy - A detailed description of the investment policy for the plan can be found in the Trust Agreement for Post-Retirement Benefit Plan for Eligible Employees of Lansing Board of Water and Light.



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Statement of Changes in Fiduciary Net Position

		6/30/2019	6/30/2020
Additions			
Contributions			
Employer	\$	9,277,538	\$ 9,156,565
Employee		0	 0
Total contributions	\$	9,277,538	\$ 9,156,565
Investment income			
Net increase in fair value of investments	\$	7,052,499	\$ 1,326,809
Interest and dividends		4,635,052	2,831,519
Less investment expense		0	 0
Net investment income	\$	11,687,551	\$ 4,158,328
Total additions	\$	20,965,089	\$ 13,314,893
Deductions			
Benefit payments	\$	(9,277,538)	\$ (9,156,565)
Administrative expenses		(568,600)	 (512,101)
Total deductions	\$	(9,846,138)	\$ (9,668,666)
Net increase in net position	\$	11,118,951	\$ 3,646,227
Net position restricted for OPEBs			
Beginning of year	\$	184,039,624	\$ 195,158,575
End of year	<u>\$</u>	195,158,575	\$ 198,804,802



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Changes in the Net OPEB Liability

	Increase (Decrease)						
		Total OPEB Liability (a)		Fiduciary Net Position (b)		Net OPEB Liability (a)-(b)	
Balances at 6/30/2019	\$	148,549,677	\$	195,158,575	\$	(46,608,898)	
Changes for the year							
Service cost		3,244,596		0		3,244,596	
Interest		10,804,062		0		10,804,062	
Change of benefit terms		0		0		0	
Differences between expected and actual experience		(6,092,830)		0		(6,092,830)	
Changes in assumptions or other inputs		7,253,746		0		7,253,746	
Contributions - employer		0		9,156,565		(9,156,565)	
Contributions - retiree		0		0		0	
Net investment income		0		4,158,328		(4,158,328)	
Benefit payments and refunds of employee contributions		(9,156,565)		(9,156,565)		0	
Administrative expense		0		(512,101)		512,101	
Other changes		0		0		0	
Net changes	\$	6,053,009	\$	3,646,227	\$	2,406,782	
Balances at 6/30/2020	\$	154,602,686	\$	198,804,802	\$	(44,202,116)	

<u>Note</u>

The Net OPEB Liability (NOL) is equal to the Total OPEB Liability (TOL) minus the Fiduciary Net Position (FNP), or market value of assets. OPEB Expense includes amounts for: service cost, interest on the TOL, changes in the benefit structure, recognition of increases/decreases in liability due to actual vs. expected experience, actuarial assumption changes, investment gains/losses on the market value of assets and expected return on plan assets. The impact of actual experience and assumption changes are recognized over the average expected remaining service life of the plan participants, while investment gains/losses are recognized equally over five years.



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Schedule of Changes in the Net OPEB Liability

		6/30/2020		6/30/2019		6/30/2018		6/30/2017
Total OPEB liability								
Service cost	\$	3,244,596	\$	4,402,631	\$	4,826,401	\$	3,130,487
Interest		10,804,062		14,919,912		15,039,052		14,226,364
Change of benefit terms		0		(414,594)		0		0
Differences between expected and actual experience		(6,092,830)		(5,231,311)		(9,879,514)		5,280,548
Change in assumptions or other inputs		7,253,746		(59,336,488)		(1,727,939)		(2,027,643)
Benefit payments		(9,156,565)		(9,277,538)		(10,395,327)		(9,573,671)
Refunds of contributions		0		0		0		0
Net change in total OPEB liability	\$	6,053,009	\$	(54,937,388)	\$	(2,137,327)	\$	11,036,085
Total OPEB liability - beginning		148,549,677		203,487,065		205,624,392		194,588,307
Total OPEB liability - ending (a)	\$	154,602,686	\$	148,549,677	\$	203,487,065	\$	205,624,392
Fiduciary net position								
Contributions - employer	\$	9,156,565	\$	9,277,538	\$	10,395,327	\$	9,573,671
Contributions - non-employer	Ψ	0,100,000	Ψ	0,277,000	Ψ	0	Ψ	0,070,071
Contributions - member		0		0		0		0
Net investment income		4.158.328		11.687.551		11.038.903		18,039,508
Benefit payments		(9,156,565)		(9,277,538)		(10,395,327)		(9,573,671)
Administrative expense		(512,101)		(568,600)		(634,336)		(704,793)
Refunds of contributions		(012,101)		(000,000)		(004,000) N		(70 4 ,750)
Other		0		0		0		0
Net change in fiduciary net position		3,646,227		11,118,951	_	10,404,567		17,334,715
Fiduciary net position - beginning		195,158,575		184,039,624		173,635,057		156,300,342
Fiduciary net position - beginning Fiduciary net position - ending (b)	\$	198,804,802	\$	195,158,575	\$	184,039,624	\$	173,635,057
riduciary net position - ending (b)	Ψ	130,004,002	Ψ	190,100,070	Ψ	104,009,024	Ψ	173,033,037
Net OPEB liability - ending (a)-(b)	\$	(44,202,116)	\$	(46,608,898)	\$	19,447,441	\$	31,989,335
Plan fiduciary net position as a percentage of the total OPEB liability		128.59%		131.38%		90.44%		84.44%
Covered payroll		58,198,143		56,785,166		55,650,345		54,382,507
Net OPEB liability as a percentage of covered payroll		-75.95%		-82.08%		34.95%		58.82%



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report Development of Net OPEB Liability (Gain)/Loss

		6/30/2019	6/30/2020
Total OPEB liability			
Total OPEB liability at BOY	\$	203,487,065	\$ 148,549,677
Service cost		4,402,631	3,244,596
Benefit payments		(9,277,538)	(9,156,565)
Expected interest		14,919,912	10,804,062
Assumption change		(59,336,488)	7,253,746
Plan change		(414,594)	 0
Expected total OPEB liability at EOY		153,780,988	160,695,516
Actual total OPEB liability at EOY		148,549,677	154,602,686
Total OPEB liability (gain)/loss	<u>\$</u>	(5,231,311)	\$ (6,092,830)
Fiduciary net position			
Fiduciary net position at BOY	\$	184,039,624	\$ 195,158,575
Employer contributions		9,277,538	9,156,565
Employee contributions		0	0
Benefit payments		(9,277,538)	(9,156,565)
Administrative expenses		(568,600)	(512,101)
Expected net investment income		13,782,035	 14,618,037
Expected fiduciary net position at EOY		197,253,059	209,264,511
Actual fiduciary net position at EOY		195,158,575	198,804,802
Fiduciary net position (gain)/loss	\$	2,094,484	\$ 10,459,709
Net OPEB liability (gain)/loss	<u>\$</u>	(3,136,827)	\$ 4,366,879

<u>Note</u>

Notes for the FYE June 30, 2020 shown above are provided on page 14.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report Notes to Schedule of Changes in the Net OPEB Liability

June 30, 2020

- Difference between actual and expected experience The \$6.09MM gain on the Total OPEB Liability for the fiscal year ending June 30, 2020 is attributable to the combination of unfavorable demographic experience and a reduction in the per capita claims cost used in the June 30, 2020 valuation. The \$1.13MM loss associated with demographic experience is mainly attributable to active participant retirements. The \$7.22MM gain due to a reduction in per capita claims cost is attributable a decrease in the Pre-65 medical and prescription drug premiums for 2020. The 2019 Pre-65 medical and Rx monthly premium for a retiree was \$1,073.13. For 2020, the Pre-65 medical and Rx monthly premium for a retiree is \$957.99. An 11% reduction in monthly premium. The combination of the demographic loss and the reduction in monthly premiums resulted in the overall \$6.09MM actuarial gain.
- Assumption change The \$7.25MM loss on the Total OPEB liability for the fiscal year ending June 30, 2020 is attributable to updating the mortality improvement scale to the MP-2019 scale and decreasing the discount rate from 7.50% to 7.00%. Updating the mortality improvement scale resulted in a \$.53MM actuarial gain. Whereas, decreasing the discount rate resulted in a \$7.78MM actuarial loss. The combination of these changes resulted in the overall \$7.25MM actuarial loss.
- Investment loss The \$10.46MM investment loss during the fiscal year ending June 30, 2020 is attributable an actual return on assets of 2.13% vs. an expected return of 7.50%.

June 30, 2019

- Difference between actual and expected experience The \$5.2MM gain on the Total OPEB Liability for the fiscal year ending June 30, 2019 is primarily due to favorable demographic experience. The favorable experience is mainly attributable to terminations of active participants and deaths of participants with and without beneficiaries.
- Assumption changes (1) The plan experienced a \$54.4MM gain on the Total OPEB Liability due to a change of the assumed per capita claims cost. The Board changed the plan's insurance provider for Medicare eligible participants from The Hartford and EnvisionInsurance to Humana. Doing so resulted in a dramatic decrease in both the medical and prescription drug monthly premiums from the prior fiscal year (\$98.99 per month vs. \$219.54 per month for medical coverage and \$213.47 per month vs. \$305.00 per month for prescription drug coverage); (2) The plan experienced a \$3.8MM loss on the mortality assumption change. The mortality assumption was updated from the RPH-2014 Total Dataset mortality, adjusted to 2006 and projected generationally using the MP-2017 improvement scale to the PUBH-2010 General Employees mortality, projected generationally using the MP-2018 improvement scale; and (3) The plan experience a \$8.7MM gain on a change to the medical and prescription drug trend assumptions. The trend assumptions were changed to those prescribed under the Michigan Uniform Assumptions for the 2019 fiscal year.
- Change in benefit terms The plan experienced a \$.4MM gain due to an increase in the retiree contribution percentage for employees hired on or after January 1, 2009. The contribution percentage was increased from 14% to 20% of the premium charged to active employees.
- Investment loss During the fiscal year ending 6/30/2019 the actual return on assets was 6.36% vs. an expected return of 7.5%.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report Sensitivity Analysis

Sensitivity of the net OPEB liability to changes in the discount rate - The following presents the net OPEB liability, calculated using the discount rate of 7.00%, as well as what the net OPEB liability would be if it were calculated using a discount rate that is 1-percentage point lower (6.00%) or 1-percentage point higher (8.00%) than the current rate:

	 1% Current Discount Decrease Rate (6%) (7%)		Rate	1% Increase (8%)
Net OPEB liability (asset)	\$ (26,376,741)	\$	(44,202,116)	\$ (59,182,348)

Sensitivity of the net OPEB liability to changes in the healthcare cost trend rates - The following presents the net OPEB liability as well as what the net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1-percentage point lower or 1-percentage point higher than the current healthcare cost trend rates:

	 1% Current Decrease Rates			1% Increase
Net OPEB liability (asset)	\$ (60,529,722)	\$	(44,202,116)	\$ (24,480,910)



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report OPEB Expense

		6/30/2019	6/30/2020
Service cost with interest	\$	4,402,631	\$ 3,244,596
Interest on the total OPEB liability		14,919,912	10,804,062
Change of benefit terms		(414,594)	0
Expensed portion of current-period difference between expected and actual experience in the total OPEB liability		(822,805)	(974,697)
Expensed portion of current-period changes in assumptions		(9,332,718)	1,160,414
Expensed portion of current-period difference between expected and actual earnings on plan investments		418,897	2,091,942
Employee contributions		0	0
Expected earnings on OPEB plan investments		(13,782,035)	(14,618,037)
Administrative expenses		568,600	512,101
Recognition of deferred inflows		(3,388,567)	(13,544,090)
Recognition of deferred outflows		1,204,466	 1,623,363
OPEB Expense	<u>\$</u>	(6,226,213)	\$ (9,700,346)
Census date		2/28/2019	2/29/2020
Measurement date		6/30/2019	6/30/2020
Reporting date		6/30/2019	6/30/2020
Discount rate		7.50%	7.00%
Expected return on assets		7.50%	7.00%

<u>Note</u>

The expected earnings on OPEB plan investments for the June 30, 2020 fiscal year is based on a 7.50% expected return on plan assets. The expected earnings on OPEB plan investments for the 2021 fiscal year will be based on a 7.00% expected return on assets.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report

Deferred Inflows and Outflows

The following table provides a summary of the deferred inflows and outflows as of 6/30/2020.

	Deferred Outflows of Resources		Deferred Inflow of Resources	
Differences between expected and actual experience	\$	2,030,980	\$	(13,937,809)
Changes of assumptions or other inputs		6,093,332		(42,366,343)
Net difference between projected and actual earnings on plan investments		10,408,605		(1,257,273)
Total	\$	18,532,917	\$	(57,561,425)

Collective amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense in future years as follows:

Year Ended June 30	Deferred Outflows of Resources		Deferred Inflows of Resources		
2021	\$	4,875,719	\$	(14,518,788)	
2022		4,875,718		(13,261,515)	
2023		4,077,449		(13,105,543)	
2024		3,252,355		(11,821,573)	
2025		1,160,414		(4,609,358)	
Thereafter		291,262		(244,648)	



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Amortization Schedule

		Initial		Outstanding		Years		2020
Description		Amount		Balance	R	emaining		Installment
Actuarial (Gain)/Loss	\$	5,280,548	\$	2,030,980		2.50	\$	812,392
Actuarial (Gain)/Loss		(9,879,514)		(5,233,975)		3.38		(1,548,513)
Actuarial (Gain)/Loss		(5,231,311)		(3,585,701)		4.36		(822,805)
Actuarial (Gain)/Loss		(6,092,830)	_	(5,118,133)		5.25	_	(974,697)
			\$	(11,906,829)			\$	(2,533,623)
Assumption Change	\$	(2,027,643)	\$	(779,863)		2.50	\$	(311,945)
Assumption Change		(1,727,939)		(915,428)		3.38		(270,837)
Assumption Change		(59,336,488)		(40,671,052)		4.36		(9,332,718)
Assumption Change		7,253,746	_	6,093,332		5.25	_	1,160,414
			\$	(36,273,011)			\$	(8,755,086)
Investment (Gain)/Loss	\$	(6,286,361)	\$	(1,257,273)		1.00	\$	(1,257,272)
Investment (Gain)/Loss		1,960,369		784,147		2.00		392,074
Investment (Gain)/Loss		2,094,485		1,256,691		3.00		418,897
Investment (Gain)/Loss		10,459,709		8,367,767		4.00	_	2,091,942
			\$	9,151,332			\$	1,645,641
	Actuarial (Gain)/Loss Actuarial (Gain)/Loss Actuarial (Gain)/Loss Actuarial (Gain)/Loss Actuarial (Gain)/Loss Assumption Change Assumption Change Assumption Change Assumption Change Investment (Gain)/Loss Investment (Gain)/Loss	Actuarial (Gain)/Loss Actuarial (Gain)/Loss Actuarial (Gain)/Loss Actuarial (Gain)/Loss Actuarial (Gain)/Loss Assumption Change Assumption Change Assumption Change Assumption Change Investment (Gain)/Loss Investment (Gain)/Loss Investment (Gain)/Loss	Description Amount Actuarial (Gain)/Loss \$ 5,280,548 Actuarial (Gain)/Loss (9,879,514) Actuarial (Gain)/Loss (5,231,311) Actuarial (Gain)/Loss (6,092,830) Assumption Change (1,727,939) Assumption Change (59,336,488) Assumption Change 7,253,746 Investment (Gain)/Loss \$ (6,286,361) Investment (Gain)/Loss 1,960,369 Investment (Gain)/Loss 2,094,485	Description Amount Actuarial (Gain)/Loss \$ 5,280,548 \$ Actuarial (Gain)/Loss (9,879,514)	Description Amount Balance Actuarial (Gain)/Loss \$ 5,280,548 \$ 2,030,980 Actuarial (Gain)/Loss (9,879,514) (5,233,975) Actuarial (Gain)/Loss (5,231,311) (3,585,701) Actuarial (Gain)/Loss (6,092,830) (5,118,133) Assumption Change (1,727,939) (915,428) Assumption Change (59,336,488) (40,671,052) Assumption Change 7,253,746 6,093,332 Assumption Change 7,253,746 6,093,332 Investment (Gain)/Loss 1,960,369 784,147 Investment (Gain)/Loss 2,094,485 1,256,691 Investment (Gain)/Loss 10,459,709 8,367,767	Description Amount Balance R Actuarial (Gain)/Loss \$ 5,280,548 \$ 2,030,980 Actuarial (Gain)/Loss (9,879,514) (5,233,975) Actuarial (Gain)/Loss (5,231,311) (3,585,701) Actuarial (Gain)/Loss (6,092,830) (5,118,133) \$ (11,906,829) \$ (11,906,829) Assumption Change (1,727,939) (915,428) Assumption Change (59,336,488) (40,671,052) Assumption Change 7,253,746 6,093,332 Assumption Change * (36,273,011) Investment (Gain)/Loss 1,960,369 784,147 Investment (Gain)/Loss 2,094,485 1,256,691 Investment (Gain)/Loss 10,459,709 8,367,767	Description Amount Balance Remaining Actuarial (Gain)/Loss \$ 5,280,548 \$ 2,030,980 2.50 Actuarial (Gain)/Loss (9,879,514) (5,233,975) 3.38 Actuarial (Gain)/Loss (5,231,311) (3,585,701) 4.36 Actuarial (Gain)/Loss (6,092,830) (5,118,133) 5.25 Assumption Change (1,727,939) (915,428) 3.38 Assumption Change (59,336,488) (40,671,052) 4.36 Assumption Change 7,253,746 6,093,332 5.25 \$ (36,273,011) \$ (6,286,361) \$ (1,257,273) 1.00 Investment (Gain)/Loss 1,960,369 784,147 2.00 Investment (Gain)/Loss 2,094,485 1,256,691 3.00 Investment (Gain)/Loss 10,459,709 8,367,767 4.00	Description Amount Balance Remaining Actuarial (Gain)/Loss \$ 5,280,548 \$ 2,030,980 2.50 \$ Actuarial (Gain)/Loss (9,879,514) (5,233,975) 3.38 Actuarial (Gain)/Loss (5,231,311) (3,585,701) 4.36 Actuarial (Gain)/Loss (6,092,830) (5,118,133) 5.25 Assumption Change (1,727,939) (915,428) 3.38 Assumption Change (59,336,488) (40,671,052) 4.36 Assumption Change 7,253,746 6,093,332 5.25 \$ (36,273,011) \$ Investment (Gain)/Loss 1,960,369 784,147 2.00 Investment (Gain)/Loss 2,094,485 1,256,691 3.00 Investment (Gain)/Loss 10,459,709 8,367,767 4.00



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report

Rate of Return

The long-term expected rate of return on plan investments was determined using a building-block method where expected future real rates of return (expected returns, net of plan investment expense and inflation) are developed for each major asset class. These expected future real rates of return are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the VEBA plan's target asset allocation as of June 30, 2020 are summarized in the following table:

Asset Class	Target Asset Allocation	Long-Term Expected Real Rate of Return
Core bonds	15.00%	2.60%
Multi-sector	5.00%	3.43%
Liquid absolute return	5.00%	3.25%
U.S. large cap equity	30.00%	7.14%
U.S. small cap equity	10.00%	8.43%
Non-U.S. equity	20.00%	8.37%
Core real estate	8.00%	6.73%
Value add RE	7.00%	8.23%
Total	100.00%	

Notes

- (1) The amounts shown above were provided ACG Asset Consulting Group.
- (2) The Long-Term Expected Real Rate of Return equals the Long-Term Arithmetic Average Nominal Return minus an average annual inflation rate of 2.75%.
- (3) The long-term expected rate of return for the June 30, 2020 measurement date is 7.00%.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Actuarially Determined Contribution

	FYE 6/30/2020		FYE 6/30/2021
Normal cost	\$ 3,244,596	\$	3,394,619
Actuarial accrued liability (beginning of year)	148,549,677		154,602,686
Market value of assets (beginning of year)	195,158,575		198,804,802
Unfunded actuarial accrued liability	(46,608,898)		(44,202,116)
Net amortization charges / (credits)	(3,746,280)		(3,446,349)
Interest to the end of year	(280,971)		(241,244)
Administrative expenses	569,000	_	513,000
Actuarially determined contribution	\$ 0	\$	220,026
Expected benefit disbursements	\$ 9,644,716	\$	9,412,665
Covered payroll	\$ 56,785,166	\$	58,198,143
Percentage of covered payroll	0.00%		0.38%
Discount rate	7.50%		7.00%
Amortization period	28 Years		27 Years
	Closed		Closed

<u>Note</u>

For the FYE June 30, 2020, administrative expenses are assumed to equal the expenses for the prior year rounded up to the next \$1,000.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Schedule of Contributions

	FYE 2020	FYE 2019	FYE 2018 FYE 2017	FYE 2016 FYE 2015	FYE 2014 FYE 20	13 FYE 2012 FYE	E 2011
Actuarially determined employer contribution	\$ 0 :	\$ 7,030,548 \$ 7	7,534,978 \$ 7,507,689	\$ 5,787,960 \$ 5,762,462	\$ 9,199,669 \$ 13,993,8	3 \$ 15,774,370 \$ 17,298	8,696
Actual employer contributions	\$ 9,156,565	\$ 9,277,538 \$ 10	0,395,327 \$ 9,573,671	\$ 9,423,081 \$ 9,670,794	\$ 9,268,334 \$ 14,045,2	4 \$ 15,854,530 \$ 17,236	6,375
Annual contribution deficiency (excess)	\$ (9,156,565)	\$ (2,246,990) \$ (2	2,860,349) \$ (2,065,982)	\$ (3,635,121) \$ (3,908,332)	\$ (68,665) \$ (51,3	1) \$ (80,160) \$ 62	62,321
Covered payroll	\$ 58,198,143	\$ 56,785,166 \$ 55	5,650,345 \$ 54,382,507	\$ 53,892,858 \$ 50,885,058	\$ 46,971,463 \$ 47,467,9	1 \$ 46,885,031 \$ 47,212	2,633
Actual contributions as a percentage of covered payroll	15.73%	16.34%	18.68% 17.60%	17.48% 19.01%	19.73% 29.5	% 33.82% 36	86.51%

Notes



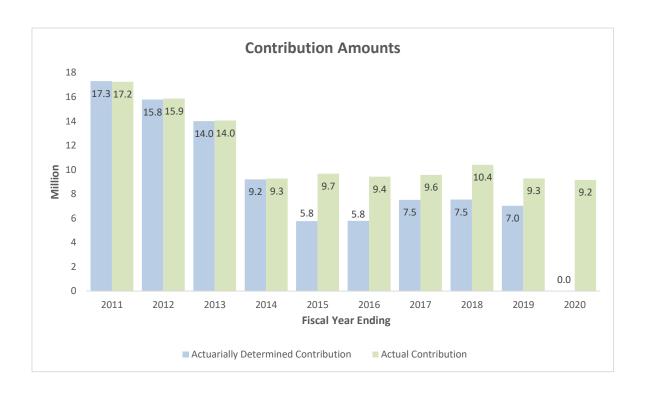
⁽¹⁾ The actual employer contributions for fiscal years 2017 through 2020 include employer contributions for pay as you go cost paid from the General Fund and pre-funding contributions deposited into the OPEB Trust.

⁽²⁾ LBWL contributed the pay as you go cost for fiscal years 2017 through 2020.

Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Historical Contributions



Fiscal Year Ending	Actuarially Determined Contribution	Actual Contribution	Contribution Deficiency (Excess)
2011	\$ 17,298,696	\$ 17,236,375	\$ 62,321
2012	15,774,370	15,854,530	(80,160)
2013	13,993,843	14,045,204	(51,361)
2014	9,199,669	9,268,334	(68,665)
2015	5,762,462	9,670,794	(3,908,332)
2016	5,787,960	9,423,081	(3,635,121)
2017	7,507,689	9,573,671	(2,065,982)
2018	7,534,978	10,395,327	(2,860,349)
2019	7,030,548	9,277,538	(2,246,990)
2020	0	9,156,565	(9,156,565)

Notes

- (1) The actual employer contributions for fiscal years 2017 through 2020 include employer contributions for pay as you go cost paid from the General Fund and pre-funding contributions deposited into the OPEB Trust.
- (2) LBWL contributed the pay as you go cost for fiscal years 2017 through 2020.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report

Expected Employer Pay As You Go Cost



FYE	Current Retirees	Future Retirees	Total	FYE	Current Retirees	Future Retirees	Total	FYE	Current Retirees	Future Retirees	Total
2021	\$ 8,943,562	\$ 469,103	\$ 9,412,665	2031	\$ 8,272,456	\$ 4,955,947	\$ 13,228,403	2041	\$ 7,073,785	\$ 9,659,307	\$ 16,733,092
2022	8,811,596	876,324	9,687,920	2032	8,191,438	5,512,568	13,704,006	2042	6,836,936	10,045,037	16,881,973
2023	8,655,128	1,364,539	10,019,667	2033	8,137,446	5,915,900	14,053,346	2043	6,538,006	10,455,048	16,993,054
2024	8,552,359	1,834,044	10,386,403	2034	8,070,296	6,421,241	14,491,537	2044	6,254,155	10,780,498	17,034,653
2025	8,554,540	2,204,181	10,758,721	2035	8,047,236	6,937,008	14,984,244	2045	5,950,063	11,042,725	16,992,788
2026	8,544,149	2,691,475	11,235,624	2036	7,890,309	7,306,544	15,196,853	2046	5,630,491	11,483,182	17,113,673
2027	8,507,870	3,077,130	11,585,000	2037	7,772,434	7,657,327	15,429,761	2047	5,298,049	11,933,244	17,231,293
2028	8,542,513	3,519,561	12,062,074	2038	7,651,633	8,111,801	15,763,434	2048	4,956,086	12,195,036	17,151,122
2029	8,396,564	4,047,116	12,443,680	2039	7,468,337	8,534,479	16,002,816	2049	4,609,412	12,774,766	17,384,178
2030	8,326,524	4,443,257	12,769,781	2040	7,284,258	9,095,159	16,379,417	2050	4,261,282	13,218,801	17,480,083



Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report

Data Summary - Active Participants

Medical coverage 130 Participant count - single coverage 1496 Participant count - non-single coverage 496	137 475 612 47.5 13.6
Participant count - non-single coverage496	475 612 47.5
	612 47.5
T-1-1	47.5
Total 626	
Average age 47.7	13.6
Average past service 14.1	
Average future service 14.0	14.2
Covered payroll \$ 51,594,906 \$ 52,51	3,984
Average compensation \$ 82,420 \$ 8	5,807
Cash in lieu	
Participant count 50	51
Average age 46.4	46.8
Average past service 11.2	12.4
Average future service 15.8	15.7
Covered payroll \$ 4,146,324 \$ 4,62	8,320
Average compensation \$ 82,926 \$ 9	0,751
Waived coverage	
Participant count 14	13
Average age 41.1	42.8
Average past service 11.8	13.3
Average future service 18.5	16.9
Covered payroll \$ 1,043,936 \$ 1,05	5,839
Average compensation \$ 74,567 \$ 8	1,218
Total	
Participant count 690	676
Average age 47.5	47.4
Average past service 13.9	13.5
Average future service 14.2	14.4
Covered payroll \$ 56,785,166 \$ 58,19	8,143
Average compensation \$82,297 \$	6,092

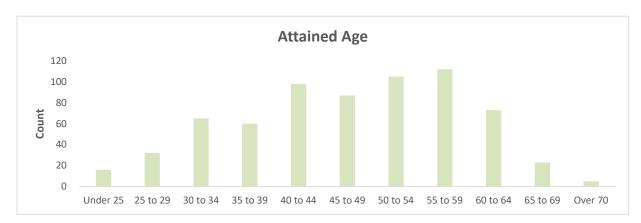


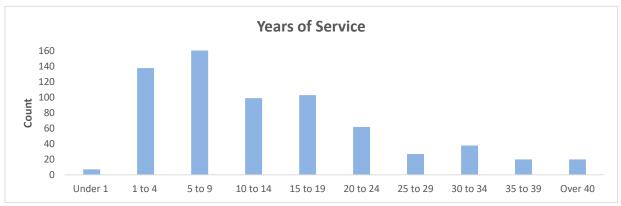
Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Age & Service Distribution - Active Participants

	Years of Service											
Attained Age	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & Over	Total	
Under 25	1	9	6								16	
25 to 29	4	17	11								32	
30 to 34		25	35	5							65	
35 to 39		17	24	17	2						60	
40 to 44		25	27	20	20	6					98	
45 to 49		10	20	16	22	19					87	
50 to 54	1	16	19	10	22	21	11	5			105	
55 to 59	1	16	15	18	17	9	10	19	7		112	
60 to 64		3	3	7	17	5	4	12	9	13	73	
65 to 69			2	5	3	2	1	2	3	5	23	
70+				1			1		1	2	5	
Total	7	138	162	99	103	62	27	38	20	20	676	







Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Data Summary - Inactive Participants

	6/30/2019	6/30/2020
Medical coverage		
Retirees		
Participant count - single coverage	138	136
Participant count - non-single coverage	337	353
Total	475	489
Average age	71.4	71.5
Disabled		
Participant count - single coverage	25	25
Participant count - non-single coverage	51	49
Total	76	74
Average age	68.1	68.7
Surviving spouses		
Participant count - single coverage	118	121
Participant count - non-single coverage	6	6
Total	124	127
Average age	78.3	78.5
Total		
Participant count - single coverage	281	282
Participant count - non-single coverage	394	408
Total	675	690
Average age	72.3	72.5
Cash in lieu		
Participant count	39	33
Average age	74.1	74.2
Waived coverage		
Retirees		
Participant count	9	10
Average age	66.3	69.0
Disabled		
Participant count	2	1
Average age	55.0	57.0
Surviving spouses		
Participant count	20	20
Average age	76.4	77.8
Total		
Participant count	31	31
Average age	72.1	74.3
<u>. </u>		



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Age Distribution - Inactive Participants

Attained				
Age	Retired	Disabled	Surviving Spouse	Total
Under 50				0
50 to 54	1	1	3	5
55 to 59	19	8	2	29
60 to 64	85	14	9	108
65 to 69	125	19	16	160
70 to 74	143	18	23	184
75 to 79	74	7	34	115
80 to 84	37	4	15	56
85 to 89	30	4	18	52
90 & Over	18		27	45
Total	532	75	147	754



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Census Data Reconciliation

			Surviving	5	
	Active	Retired	Spouse	Disabled	Total
February 28, 2019	690	523	144	78	1,435
Terminations	(28)	0	0	0	(28)
Part time - not eligible	0	0	0	0	0
Retirements	(29)	29	0	0	0
Disabled	(1)	0	0	1	0
Deceased with beneficiary	0	(10)	12	(2)	0
Deceased without beneficiary	0	(10)	(9)	(2)	(21)
New entrants	44	0	0	0	44
Rehires	0	0	0	0	0
Data corrections	0	0	0	0	0
February 29, 2020	676	532	147	75	1,430



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Summary of Assumptions and Methods

Cost Method - Individual entry age normal level percent of salary.

Dates of Calculations

Actuarial valuation date: June 30, 2020 Census date: February 29, 2020

Measurement date GASB 74 and GASB 75: June 30, 2020 Reporting date GASB 74 and GASB 75: June 30, 2020

Employees Included in the Calculations - All active employees who are potentially eligible to receive healthcare benefits as a retiree. Retirees (healthy and disabled) and their spouses or their survivors who are receiving benefits.

Source of Data - Data is as of the valuation date and was supplied by the Lansing Board of Water and Light. While we have not audited this data, we believe the census data and financial information to be accurate and complete.

Discount Rate - Pursuant to GASB 74/75, projected benefit payments are required to be discounted to their actuarial present values using a Single Discount Rate that reflects (1) a long-term expected rate of return on OPEB plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits) and (2) a tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA/Aa credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on OPEB plan investments is 7.00%; the municipal bond rate is 2.21% (based on the daily rate closest to but not later than the measurement date of the Bond Buyer "20-Bond GO Index"); and the resulting Single Discount Rate is 7.00%.

The projection of cash flows used to determine the discount rate assumes that the Lansing Board of Water and Light will make contributions equal to at least the annual "pay as you go cost". Based on this assumption, the OPEB plan's fiduciary net position is projected to cover all future OPEB payments. Therefore, we determined the discount rate to be the long-term expected rate of return on OPEB plan investments.

Inflation Rate - 2.25% per year.

Salary Increase Rates - Sample rates are listed on Table A herein. The rates include general wage inflation and merit / productivity increases.

Mortality Rates - Pre and Post retirement - PUBH-2010 General Employees Mortality Table, Male and Female, projected generationally using the MP-2019 improvement scale.

Retirement Rates - The retirement rates are based on Lansing Board of Water and Light historical experience from 2012 to 2016 that was used in the February 2017 experience study. Sample rates are listed on Table B herein.

Termination Rates - The termination rates are based on Lansing Board of Water and Light historical experience from 2012 to 2016 that was used in the February 2017 experience study. Sample rates are listed on Table C herein.

Disability Rates - The 1985 Pension Disability Incidence Class 1 rates for males and females. Sample rates are listed on Table D herein.

Per Capita Claims Costs - Annual per capita costs are based on the premiums in effect on January 1, 2020 and are actuarially increased using current enrollment and aging factors. In addition, these costs are assumed to increase with medical, prescription drug and dental trend rates. Aging factors and sample per capita claims costs are shown on Tables E and F herein.

Healthcare Trend - Sample healthcare trend rates are shown on Table G herein.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report Summary of Assumptions and Methods (continued)

Retiree Contributions - The 2020 retiree contributions shown in the plan provisions of this report are assumed to increase according to the healthcare trend rates.

Medicare Part B Reimbursement - It is assumed that the annual Medicare Part B reimbursement amount is \$1,560 for the current valuation. This amount is assumed to increase with the Medicare Part B trend rates.

Election Percentage - Ninety five percent (95%) of active employees who currently have healthcare coverage are assumed to elect coverage at retirement. Ninety five percent (95%) of active employees who currently elect cash in lieu of healthcare coverage are assumed to make the same election at retirement. All active employees who currently waive coverage are assumed to waive coverage at retirement. One hundred percent (100%) of retirees who currently have healthcare coverage are assumed to continue coverage until death. One hundred percent (100%) of retirees who currently elect cash in lieu of healthcare coverage are assumed to make the same election until death. All retirees who currently waive coverage are assumed to never elect coverage with the Lansing Board of Water and Light. All employees who currently have \$10,000 of life insurance coverage are assumed to never purchase additional insurance and thus are not eligible for retiree life insurance coverage.

Marriage Percentage - It is assumed that 65% of active employees are married upon retirement. Husbands are assumed to be three years older than wives.

Assumption Changes - (1) The mortality projection scale was updated to the MP-2019 scale; (2) The discount rate was decreased from 7.50% to 7.00%; (3) The assumed Medicare Part B premium reimbursement was increased from \$1,464 per year to \$1,560 per year.



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report Summary of Assumptions and Methods (continued)

Table A - Salary Increase Rates

Age	Rate
25	9.30%
30	8.70%
35	8.20%
40	7.80%
45	7.50%
50	7.20%
55	6.90%
60+	6.40%

Table B - Retirement Rates

Age	Rate	Age	Rate
50	5.00%	61	25.00%
51	3.00%	62	30.00%
52	3.00%	63	15.00%
53	3.00%	64	20.00%
54	6.00%	65	20.00%
55	10.00%	66	50.00%
56	7.00%	67	25.00%
57	7.00%	68	25.00%
58	7.00%	69	25.00%
59	15.00%	70	100.00%
60	15.00%		

Table C - Termination Rates

		Years of Service							
Age	0	1	2	3	4	5+			
20	10.60%	9.40%	8.60%	7.80%	7.00%	4.80%			
30	8.00%	6.80%	6.00%	5.20%	4.40%	2.50%			
40	7.10%	5.90%	5.10%	4.30%	3.50%	1.90%			
50	6.30%	5.10%	4.30%	3.70%	3.00%	1.60%			
60	5.60%	4.60%	3.90%	3.30%	2.60%	1.20%			
70+	5.20%	4.20%	3.50%	2.90%	2.20%	0.90%			



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Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Summary of Assumptions and Methods (continued)

Table D - Disability Rates

Age	Male	Female				
20	0.03%	0.03%				
30	0.05%	0.08%				
40	0.12%	0.21%				
50	0.36%	0.53%				
60	1.26%	1.16%				

Table E - Aging Factors

Age	Medical	Rx				
35 – 39	2.00%	5.00%				
40 – 44	2.00%	4.50%				
45 – 49	2.00%	4.00%				
50 – 54	2.00%	3.50%				
55 – 59	4.00%	3.00%				
60 - 64	4.00%	2.50%				
65 - 69	3.00%	1.50%				
70 – 74	2.00%	1.00%				
75 – 79	1.00%	0.00%				
80 +	0.00%	0.00%				

Table F - Per Capita Claims Cost

			Health	ny Retirees			Disabled Retirees				
Age	N	ledical		Rx	Dental	N	/ledical		Rx	D	ental
50	\$	7,290	\$	1,602	\$ 483	\$	16,402	\$	3,605	\$	483
55		8,048		1,902	483		18,109		4,279		483
60		9,792		2,205	483		22,033		4,961		483
65		3,264		N/A	483		3,264		N/A		483
70		3,785		N/A	483		3,785		N/A		483
75		4,178		N/A	483		4,178		N/A		483
+08		4,391		N/A	483		4,391		N/A		483

Notes



⁽¹⁾ Post-65 per capita claims cost for Rx coverage are included in the in medical per capita claims cost amounts shown above

⁽²⁾ The annual per capita claims shown above are for disabled retirees that are not Medicare primary due to disability. For disabled retirees who are Medicare primary due to disability, the pre-65 annual per capita costs are \$3,065 for medical and Rx coverages. 70% of disabled retirees are assumed to be Medicare primary due to disability.

Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report Summary of Assumptions and Methods (continued)

Table G - Healthcare Trend Rates

Medical & Rx **FYE** Pre-65 Post-65 Part B Dental 2020 8.25% 6.50% 3.25% 4.75% 2021 8.00% 6.25% 3.50% 4.50% 2022 4.25% 7.75% 6.00% 3.75% 2023 7.50% 5.75% 4.00% 4.00% 2024 4.00% 7.25% 5.50% 4.25% 2025 4.00% 7.00% 5.25% 4.50% 2026 6.75% 5.00% 4.75% 4.00% 2027 4.75% 5.00% 4.00% 6.50% 2028 6.25% 4.50% 5.00% 4.00% 2029 6.00% 4.50% 5.00% 4.00% 2030 5.75% 4.50% 5.00% 4.00% 2031 5.50% 4.50% 5.00% 4.00% 2032 5.25% 4.50% 5.00% 4.00% 2033 5.00% 4.50% 5.00% 4.00% 2034 4.75% 4.50% 5.00% 4.00% 2035+ 4.50% 4.50% 5.00% 4.00%



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Summary of Plan Provisions

Effective Date - Initial effective date was July 1, 1999. The plan was restated on March 27, 2007.

Eligibility - Employees who satisfy the eligibility requirements for either normal retirement, early retirement, or disability are eligible for lifetime health benefits under the plan.

Normal Retirement Date - The normal retirement date for employees hired prior to July 1, 1990 is the earlier of (1) the first day of the month on or after attainment of age 60 and the completion of at least 10 years of Benefit Service Credit, and (2) the first day of the month on or after completion of 30 years of Benefit Service Credit and attainment of age 55. If an employee who was hired before July 1, 1990 terminates employment after attainment of age 45 and completion of 25 years of Benefit Service Credit, the normal retirement date is the first day of the month on or after the date he has attained age 55 and would have completed 30 years of Benefit Service Credit if he had remained employed.

For employees hired on or after July 1, 1990, the normal retirement date is the first day of the month on or after attainment of age 65 and completion of 10 years of Benefit Service Credit.

Early Retirement Date - The date that is 10 years prior to an employee's Normal Retirement Date upon completion of 25 years of Benefit Service Credit or 5 years prior to an employee's normal retirement date upon completion of 15 years of Benefit Service Credit.

Disability Retirement Date - The date that the employee is determined to be disabled, provided the employee has completed at least 10 years of Years of Service.

Healthcare Coverage - The healthcare coverage (medical, prescription drug and dental) provided under the plan is substantially the same coverage (based on the cost per retiree to the employer for providing said health coverage) that is available to active employees. All health plans are self-insured except for the Medicare plan that is fully-insured with Humana. Dental benefits are fully insured with Delta Dental. Spousal and family coverage is available. In addition, coverage will continue to a surviving spouse upon the death of a retiree or an active employee who is eligible to retire. If an employee with at least ten years of service dies while in employment, the surviving spouse will qualify for retiree healthcare benefits under the disability retirement status. Surviving spouse contributions are the same as the member's prior to the member's death.

Retiree Premiums - The monthly retiree premium rates effective on January 1, 2020 are shown below:

Non-Medicare	Medical Only	Medical & Rx	<u>Dental</u>
1 Person PHP/ESI 2 Person PHP/ESI Family PHP/ESI	\$ 783.99 \$ 1,763.99 \$ 2,195.18	\$ 957.99 \$ 2,155.50 \$ 2,682.38	\$ 40.23 \$ 73.84 \$ 134.09
Medicare Eligible		Medical & Rx	<u>Dental</u>



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Summary of Plan Provisions (continued)

Retiree Contributions - Retiree healthcare benefits are non-contributory for employees who were hired prior to January 1, 2009. Retiree healthcare benefits for employees hired on or after January 1, 2009 are contributory. Future retiree contributions for this group will be equal to the current employees' healthcare premium sharing arrangement in effect immediately prior to retirement. Currently, Union and Non-Union employees contribute 20% of the active medical and prescription drug coverage premium and do not contribute for dental coverage. The monthly premiums in effect on January 1, 2020 are shown below:

<u>Coverage</u>	Medical Only	Medical & Rx	<u>Dental</u>
1 Person PHP/ESI	\$ 536.45	\$ 660.17	\$ 40.23
2 Person PHP/ESI	\$ 1,207.03	\$ 1,485.40	\$ 73.84
Family PHP/ESI	\$ 1,502.07	\$ 1,848.49	\$ 134.09

Medicare Part B Reimbursement - The Lansing Board of Water and Light reimburses retirees and spouses for 90% of the Medicare Part B premium (standard premium prior to income-related adjustment). As of June 30, 2020 the amount of reimbursement is \$130 per month.

Cash in Lieu of Coverage - Retirees may elect to receive cash in lieu of healthcare benefits. Currently, retirees electing this option receive \$2,232 per year.

Life Insurance - Employees that have life insurance coverage equal to 1.5 times of their salary immediately prior to retirement may continue this coverage at one-third of the amount in effect immediately prior to retirement rounded to the next higher \$500. Bargaining unit retirees contribute 50% of the premium for retiree life insurance coverage. Contributions are not required for non-bargaining unit retirees. A closed group of disabled retirees receive retiree life insurance coverage at no cost. Retiree life insurance coverage is not provided for employees who have \$10,000 of life insurance coverage immediately prior to retirement. The monthly retiree life insurance premium in effect on January 1, 2020 is 40 cents per thousand dollars of coverage.

Changes in Plan Provisions since the Prior Valuation - None.



Lansing Board of Water and Light Post-Retirement Benefit Plan for Eligible Employees June 30, 2020 GASB 74/75 Actuarial Valuation Report

Glossary

Actuarial Assumptions - Assumptions relating to future experience under the plan. These include assumptions about the occurrence of future events affecting costs or liabilities, such as:

- · mortality, withdrawal, disablement, and retirement;
- · future increases in salary;
- · future rates of investment earnings and future investment and administrative expenses;
- · characteristics of members not specified in the data, such as marital status;
- · characteristics of future members;
- · future elections made by members: and
- · other relevant items.

Actuarial Cost Method - A procedure for allocating the Actuarial Present Value of Future Benefits to various time periods; a method used to determine the Normal Cost and the Total OPEB Liability (TOL).

Actuarial (Gain) or Loss - A measure of the difference between actual experience and experience expected under a set of Actuarial Assumptions, during the period between two Actuarial Valuation dates. Through the actuarial assumptions, rates of decrements, rates of salary increases, and rates of fund earnings that have been forecasted. To the extent that actual experience differs from that assumed, actuarial accrued liabilities emerge which may be the same as forecasted, or may be larger or smaller than projected. Actuarial gains are due to favorable experience, e.g., the plan's assets earn more than projected, healthcare trend does not increase as fast as assumed, members retire later than assumed, etc. Favorable experience means actual results produce actuarial liabilities not as large as projected by the actuarial assumptions. On the other hand, actuarial losses are the result of unfavorable experience, i.e., actual results that produce actuarial liabilities which are larger than projected. Actuarial gains will shorten the time required for funding of the actuarial balance sheet deficiency while actuarial losses will lengthen the funding period.

Actuarially Equivalent - Of equal actuarial present value, determined as of a given date and based on a given set of Actuarial Assumptions.

Actuarial Present Value (APV) - The value of an amount or series of amounts payable or receivable at various times, determined as of a given date by the application of a particular set of Actuarial Assumptions. For purposes of this standard, each such amount or series of amounts is:

- adjusted for the probable financial effect of certain intervening events (such as changes in marital status, etc.)
- multiplied by the probability of the occurrence of an event (such as survival, death, disability, termination of employment, etc.) on which the payment is conditioned, and
- discounted according to an assumed rate (or rates) of return to reflect the time value of money.

Actuarial Present Value of Future Benefits - The Actuarial Present Value of those benefit amounts which are expected to be paid at various future times under a particular set of Actuarial Assumptions, taking into account such items as the effect of advancement in age and past and anticipated future benefit increases. The Actuarial Present Value of Future Benefits includes the liabilities for active members, retired members and spouses receiving benefits. Expressed another way, it is the value that would have to be invested on the valuation date so that the amount invested plus investment earnings would provide sufficient assets to pay all projected benefits and expenses when due.

Actuarial Present Value of Future Earnings - The Actuarial Present Value of a participant's expected future earnings.

Actuarial Present Value of Future Normal Costs - The portion of the Actuarial Present Value of Future Benefits allocated to future years.



Post-Retirement Benefit Plan for Eligible Employees

June 30, 2020 GASB 74/75 Actuarial Valuation Report

Glossary (continued)

Actuarial Valuation - The determination, as of a valuation date, of the Normal Cost, Total OPEB Liability (TOL), Fiduciary Net Position (FNP), and related Actuarial Present Values for a plan. An Actuarial valuation for a healthcare arrangement typically also includes calculations that provide the financial information of the plan, such as the funded status, unfunded actuarial accrued liability and the contribution amounts.

Actuarially Determined - Values which have been determined utilizing the principles of actuarial science. An actuarially determined value is derived by application of the appropriate actuarial assumptions to specified values determined by provisions of the law.

Covered Payroll - Payroll as of the valuation date for active participants who have not attained normal retirement age.

Decrements - Those causes/events due to which a member's status (active-inactive-retiree-spouse) changes, that is: death, retirement, disability, or termination.

Entry Age Normal Cost Method - The EAN cost method is a standard actuarial funding method. The annual cost of benefits under EAN cost method is comprised of two components:

- Normal cost
- · Amortization of the unfunded liability

The normal cost is determined on an individual basis, from a member's age at plan entry, and is designed to be a level percentage of pay throughout a member's career.

Fiduciary Net Position - The value of the plan's assets as of a given date, used by the actuary for valuation purposes. This usually equals the market value of plan assets.

Funded Status - The ratio of the Fiduciary Net Position (FNP) to the Total OPEB Liability (TOL).

Net OPEB Liability (NOL) - The excess of the Total OPEB Liability (TOL) over the Fiduciary Net Position (FNP). This value may be negative in which case it may be expressed as a negative Fiduciary Net Position, also called the funding surplus.

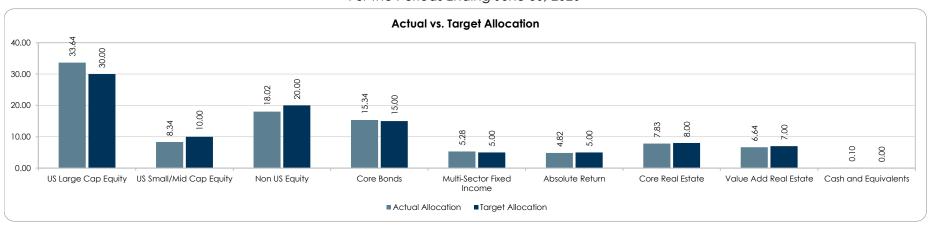
Normal Cost - The portion of the Actuarial Present Value of Future Benefits allocated to a valuation year by the Actuarial Cost Method. Any payment in respect of an unfunded actuarial accrued liability is not part of Normal Cost. Under the entry age normal cost method, the Normal Cost is intended to be the level cost (when expressed as a percentage of pay) needed to fund the benefits of a member from hire until ultimate termination, death, disability or retirement.

Total OPEB Liability (TOL) - The portion, as determined by a particular Actuarial Cost Method, of the Actuarial Present Value of Future Benefits which is not provided for by future Normal Costs. It is equal to the Actuarial Present Value of Future Benefits minus the actuarial present value of future Normal Costs.

Valuation Date or Actuarial Valuation Date - The date on which the value of plan assets, the Actuarial Present Value of Future Benefits, the Total OPEB Liability (TOL) and Normal Cost are determined. The expected future benefits are discounted to this date.



For the Periods Ending June 30, 2020



Asset Class		Market Value (\$000s)		Actual Allocation (%)	Target Allocation (%)		Over/ Under (%)		Min -	nge Max %)
Total Portfolio		198,693		100.00	100.00					
Equity		119,202		59.99	60.00		-0.01		45.00	70.00
US Large Cap Equity		66,831		33.64	30.00		3.64		25.00	35.00
US Small/Mid Cap Equity		16,563		8.34	10.00		-1.66		5.00	15.00
Non US Equity		35,808		18.02	20.00		-1.98		15.00	25.00
Fixed Income		50,547		25.44	25.00		0.44		10.00	50.00
Core Bonds		30,478		15.34	15.00		0.34		10.00	35.00
Multi-Sector Fixed Income		10,497		5.28	5.00		0.28		0.00	10.00
Absolute Return		9,572		4.82	5.00		-0.18		0.00	10.00
Real Assets		28,749		14.47	15.00		-0.53		0.00	20.00
Core Real Estate		15,562		7.83	8.00		-0.17		0.00	20.00
Value Add Real Estate		13,187		6.64	7.00		-0.36			
Cash and Equivalents		195		0.10	0.00		0.10		0.00	5.00
	Mar 2020 Market Value (\$000s)	Jun 2020 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	3 Months (%)	YID (%)	FYID (%)	3 Years (%)	5 Years (%)	10 Years (%)
Total Portfolio (07/04)	177,166	198,693	100.00	1.83	12.36	-3.18	2.25	5.18	5.50	8.48

1.74

1.76

12.18

12.67

-3.46

-2.27

1.65

3.99

4.63

6.11

6.39

9.33

Total Portfolio (01/17) *

177,166

Policy Index 1

198,693

100.00

For the Periods Ending June 30, 2020

		Mar 2020 Market Value (\$000s)	Jun 2020 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	3 Months (%)	YTD (%)	FYTD (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Total Portfolio (07/04) Total Portfolio (01/17) *		177,166 177,166	198,693 198,693	100.00 100.00	1.83 1.74	12.36 12.18	-3.18 -3.46	2.25 1.65	5.18 4.63	5.50 	8.48 	6.04 6.24
	olicy Index 1	,	,		1.76	12.67	-2.27	3.99	6.11	6.39	9.33	7.01
US Large Cap Equity (01/17)	Russell 1000	55,638	66,831	33.64	1.98 2.21	20.13 21.82	-2.09 -2.81	6.37 7.48	10.27 10.64	 10.47	 13.97	13.06 11.85
US Small/Mid Cap Equity (01/17) Blended	Benchmark ²	13,424	16,563	8.34	0.74 2.89	23.85 26.56	-16.77 -11.05	-13.55 -4.70	-2.06 2.66	 	 	-1.69 2.84
Non US Equity (01/17) *	MSCI EAFE	30,782	35,808	18.02	4.42 3.44	16.33 15.08	-8.29 -11.07	-2.63 -4.73	2.15 1.30	 2.54	6.22	5.07 5.03
Fixed Income (01/17) BloomBar	US Aggregate	48,130	50,547	25.44	1.35 0.63	5.07 2.90	4.25 6.14	6.93 8.74	4.98 5.32	 4.30	 3.82	4.95 5.22
Real Assets (01/19) *	NFI ODCE Net	28,877	28,749	14.47	-0.46 -1.74	-0.46 -1.74	-2.98 -1.00	-0.62 1.34	 4.73	 6.35	 9.78	1.36 2.22
Cash and Equivalents (01/17) $$	S T-Bills 90 Day	315	195	0.10	0.01 0.01	0.04 0.02	0.35 0.60	1.30 1.64	1.59 1.77	 1.19	 0.64	1.43 1.60

For the Periods Ending June 30, 2020

	Mar 2020 Market Value (\$000s)	Jun 2020 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	3 Months (%)	YTD (%)	FYTD (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Equity (01/17)	99,844	119,202	59.99	2.55	19.53	-6.18	0.62	5.93			8.42
US Large Cap Equity Loomis Sayles (01/13)	32,210	40,056	20.16	3.82	24.37	10.36 9.81	19.66	17.72	17.13	 17.00	16.84
Russell 1000 Growth Vanguard Russell 1000 Value (05/17) * Russell 1000 Value	23,427	26,775	13.48	4.35 -0.66 -0.66	27.84 14.29 14.29	-16.26 -16.26	23.28 - 8.85 -8.84	18.99 1.79 1.82	15.89 4.64	17.23 10.41	17.16 2.18 2.22
US Small/Mid Cap Equity Aristotle (08/18) Russell 2500	13,424	16,563	8.34	0.74 2.89	23.85 26.56	-16.77 -11.05	-13.55 -4.70	 4.08	 5.41	 11.46	-9.29 -2.56
Non US Equity Harding Loevner Int'l Equity (09/17) * MSCI ACWI ex US	16,030	18,954	9.54	6.13 4.56	18.24 16.30	-4.62 -10.76	2.48 -4.39	 1.61	 2.74	 5.45	3.58 0.21
Lazard Int'l Equity (09/17) * MSCI EAFE	14,752	16,854	8.48	2.57 3.44	14.25 15.08	-12.09 -11.07	-7.81 -4.73	1.30	2.54	6.22	-0.71 0.37
Fixed Income (01/17)	48,130	50,547	25.44	1.35	5.07	4.25	6.93	4.98			4.95
Core Bonds JP Morgan Fixed Income (01/09) BloomBar US Aggregate	29,404	30,478	15.34	1.29 0.63	3.69 2.90	6.14 6.14	8.13 8.74	5.27 5.32	4.35 4.30	4.15 3.82	4.67 4.31
Multi-Sector Fixed Income Fidelity Tactical Bond (09/18) * BloomBar US Aggregate	9,732	10,497	5.28	1.27 0.63	7.76 2.90	2.26 6.14	6.37 8.74	 5.32	 4.30	 3.82	7.77 8.70
Absolute Return BlackRock Strategic Income Opp (09/17) * US T-Bills 90 Day + 3.0% BloomBar US Aggregate	8,994	9,572	4.82	1.52 0.26 0.63	6.43 0.76 2.90	0.23 2.09 6.14	2.75 4.68 8.74	 4.82 5.32	4.23 4.30	3.65 3.82	3.13 4.86 5.15

For the Periods Ending June 30, 2020

	Mar 2020 Market Value (\$000s)	Jun 2020 Market Value (\$000s)	Actual Allocation (%)	1 Month (%)	3 Months (%)	YTD (%)	FYTD (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Real Assets (01/19) *	28,877	28,749	14.47	-0.46	-0.46	-2.98	-0.62				1.36
Core Real Estate AEW Core Property Trust (01/19) * 3 NE	15,595 FLODCE Net	15,562	7.83	-0.21 -1.74	-0.21 -1.74	-1.30 -1.00	1.04 1.34	 4.73	 6.35	 9.78	2.48 2.22
Value Add Real Estate Blackstone Property Partners (10/19) NE	* ³ 13,282 FLODCE Net	13,187	6.64	-0.75 -1.74	-0.75 -1.74	-4.89 -1.00	 1.34	 4.73	 6.35	 9.78	-2.51 0.25
Cash & Equivalents (01/17)	315	195	0.10	0.01	0.04	0.35	1.30	1.59			1.43
Cash & Equivalents (01/17) US 7	315 F-Bills 90 Day	195	0.10	0.01 0.01	0.04 0.02	0.35 0.60	1.30 1.64	1.59 1.77	 1.19	0.64	1.43 1.60

All returns prior to 12/31/2016 were calculated by the prior consultant.

^{*} Net of Fee return data.

¹ Policy Index: Effective October 2019, the index consists of 30.0% Russell 1000, 10.0% Russell 2500, 20.0% MSCI ACWI ex US, 25.0% BloomBar US Aggregate, 15.0% NFI ODCE Net.

 $^{^{2}\,}$ Blended Benchmark: Effective August 2018, the index consists of 100% Russell 2500.

The Fiscal Year End is June.

³ Valuation and performance are assessed quarterly.

Market Overview

For the Periods Ending June 30, 2020

	1	3			3	5	10
	Month (%)	Months (%)	YTD (%)	FYTD (%)	Years (%)	Years (%)	Years (%)
Equity Markets - Core							
S&P 500	1.99	20.54	-3.08	7.51	10.73	10.73	13.99
Russell 1000	2.21	21.82	-2.81	7.48	10.64	10.47	13.97
Russell 2000	3.53	25.42	-12.98	-6.63	2.01	4.29	10.50
Russell 2500	2.89	26.56	-11.05	-4.70	4.08	5.41	11.46
Equity Markets - Growth	2.07	20.30	-11.03	-4.70	4.00	J.41	11.40
S&P 500 Growth	4.10	26.23	7.93	17.75	16.75	14.63	16.62
Russell 1000 Growth	4.35	27.84	9.81	23.28	18.99	15.89	17.23
Russell 2000 Growth	3.84	30.58	-3.06	3.48	7.86	6.86	12.92
Russell 2500 Growth	3.68	32.87	2.02	9.21	12.10	9. <i>57</i>	14.45
Equity Markets - Value	3.00	32.07	2.02	7.21	12.10	7.57	14.45
S&P 500 Value	-0.95	13.15	-15.52	-4.50	3.74	5.98	10.88
Russell 1000 Value	-0.66	14.29	-16.26	-8.84	1.82	4.64	10.41
Russell 2000 Value	2.90	18.91	-23.50	-0.04 -17.48	-4.35	1.26	7.82
Russell 2500 Value	2.90 1.86	20.60	-23.30 -21.18	-17.46 -15.50	-4.33 -2.60	1.85	8.81
International Markets	1.00	20.00	-21.10	-13.30	-2.00	1.03	0.01
MSCI ACWI	3.24	19.39	-5.99	2.64	6.70	7.03	9.74
MSCI ACWI ex US	3.24 4.56	16.30	-3.99 -10.76	-4.39	1.61	7.03 2.74	9.74 5.45
MSCI EAFE	3.44	15.08	-11.07	-4.73	1.30	2.54	6.22
MSCI EAFE Growth	3.26	17.10	-3.29	4.49	6.31	5.92	8.17
MSCI EAFE Value	3.63	12.68	-18.96	-14.02	-3.87	-1.02	4.12
MSCI Emerging Markets	7.40	18.18	-9.67	-3.05	2.27	3.24	3.63
MSCI World	2.69	19.54	-5.48	3.40	7.29	7.50	10.57
MSCI World ex US	3.47	15.55	-11.20	-4.98	1.35	2.53	5.95
Fixed Income	0.05	0.00	1.40	0.07	0.05	1.54	0.05
ICE BofA ML 1 Yr Treasury Note	0.05	-0.03	1.69	2.87	2.25	1.54	0.95
ICE BofA ML High Yield Master II	0.99	9.61	-4.78	-1.06	2.94	4.58	6.48
BloomBar US Aggregate	0.63	2.90	6.14	8.74	5.32	4.30	3.82
BloomBar Intermediate G/C	0.62	2.81	5.28	7.12	4.43	3.46	3.13
BloomBar 10 Yr Municipal	0.64	2.88	2.47	4.74	4.37	4.16	4.47
BloomBar US Credit	1.83	8.22	4.82	9.07	6.14	5.54	5.24
Real Assets							
NFI ODCE Net	-1.74	-1.74	-1.00	1.34	4.73	6.35	9.78

Total Portfolio

Dollar Reconciliation (\$000s)

For the Periods Ending June 30, 2020

	3 Months	FYTD
Beginning Market Value	177,166	195,482
Net Additions	-319	-1,147
Return on Investment	21,846	4,358
Ending Market Value	198,693	198,693

Disclosures and Legal Notice

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The Protecting Local Government Retirement and Benefits Act (PA 202 of 2017) Health Care (OPEB) Report

Enter Six-Digit Municode	Authority	Instructions: For a list of detailed instructions on how to complete and submit this form, visit_michigan.gov/LocalRetirementReporting		
Fiscal Year (four-digit year only, e.g. 2019)	2020			
Contact Name (Chief Administrative Officer) Title if not CAO	Scott Taylor Manger, Finance and Accounting	Questions: For questions, please email LocalRetirementReporting@michigan.gov.Return this		
CAO (or designee) Email Address Contact Telephone Number		original Excel file. Do not submit a scanned image or PDF.		
OPEB System Name (not division) 1	Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light	If your OPEB system is separated by divisions, you would		
OPEB System Name (not division) 2		only enter one system. For example, one could have		
OPEB System Name (not division) 3		different divisions of the same system for union and non-		
OPEB System Name (not division) 4		union employees. However, these would be only one syster		
OPEB System Name (not division) 5		and should be reported as such on this form.		

Line	Descriptive Information	Source of Data	System 1	System 2	System 3	System 4	System 5
1	Is this unit a primary government (County, Township, City, Village)?	Calculated	NO	NO	NO	NO	NO
2	Provide the name of your retirement health care system	Calculated from above	Post-Retirement				
		colculated from above	Benefit Plan and Trust				
3	Financial Information						
4	Enter retirement health care system's assets (system fiduciary net position ending)	Most Recent Audit Report	198,804,802				
5	Enter retirement health care system's liabilities (total OPEB liability)	Most Recent Audit Report	154,602,686				
6	Funded ratio	Calculated	128.6%				
7	Actuarially determined contribution (ADC)	Most Recent Audit Report	-				
7a	Do the financial statements include an ADC calculated in compliance with Numbered Letter 2018-3?	Most Recent Audit Report	YES				
8	Governmental Fund Revenues	Most Recent Audit Report	364,612,954				
9	All systems combined ADC/Governmental fund revenues	Calculated	0.0%				
10	Membership						
11	Indicate number of active members	Actuarial Funding Valuation used in Most Recent Audit	676				
		Report					
12	Indicate number of inactive members	Actuarial Funding Valuation used in Most Recent Audit	-				
		Report					
13	Indicate number of retirees and beneficiaries	Actuarial Funding Valuation used in Most Recent Audit	754				
14	Provide the amount of premiums paid on behalf of the retirants	Report Most Recent Audit Report or Accounting Records	9,156,565				
15	Investment Performance	Most Recent Addit Report of Accounting Records	9,150,505				
15		Actuarial Funding Valuation used in Most Recent Audit					
16	Enter actual rate of return - prior 1-year period	Report or System Investment Provider	2.13%				
		Actuarial Funding Valuation used in Most Recent Audit					
17	Enter actual rate of return - prior 5-year period	Report or System Investment Provider	5.50%				
		Actuarial Funding Valuation used in Most Recent Audit					
18	Enter actual rate of return - prior 10-year period	Report or System Investment Provider	8.48%				
19	Actuarial Assumptions	Report of System investment Provider					
		Actuarial Funding Valuation used in Most Recent Audit					
20	Assumed Rate of Investment Return	Report	7.00%				
		Actuarial Funding Valuation used in Most Recent Audit					
21	Enter discount rate	Report	7.00%				
		Actuarial Funding Valuation used in Most Recent Audit					
22	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Report					
	Annational and all the descriptions and the second	Actuarial Funding Valuation used in Most Recent Audit					
23	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any	Report					
	1	Actuarial Funding Valuation used in Most Recent Audit					
24	Is each division within the system closed to new employees?	Report	No				
25	Health care inflation assumption for the next year	Actuarial Funding Valuation used in Most Recent Audit	0.000/				
25	nearth care illiation assumption for the next year	Report	8.00%				
26	Health care inflation assumption - Long-Term Trend Rate	Actuarial Funding Valuation used in Most Recent Audit	4.50%				
20	, ,	Report	4.30%				
27	Uniform Assumptions						
28	Enter retirement health care system's actuarial value of assets using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit	198,804,802				
20	enter retirement nearth care system's actuarial value of assets asing announcessamptions	Report	130,004,002				
29	Enter retirement health care system's actuarial accrued liabilities using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit	155,194,605				
	,	Report					
30	Funded ratio using uniform assumptions	Calculated	128.1%				
31	Actuarially Determined Contribution (ADC) using uniform assumptions	Actuarial Funding Valuation used in Most Recent Audit					
		Report					
32	All systems combined ADC/Governmental fund revenues	Calculated	0.0%				
	Summary Report						
34	Did the local government pay the retiree insurance premiums for the year?	Accounting Records	YES				
35	Did the local government pay the normal cost for employees hired after June 30, 2018?	Accounting Records	YES				
		Primary government triggers: Less than 40% funded AND					
		greater than 12% ARC/Governmental fund revenues.Non-	NO	NO	NO	NO	NO
	Does this system trigger "underfunded status" as defined by PA 202 of 2017?	Primary government triggers: Less than 40% funded					

Requirements (For your information, the following are requ	irements of P.A. 202 of 2017)
Local governments must post the current year report on the	r website or in a public place
The local government must electronically submit the form to	its governing body.
Local governments must have had an actuarial experience st retirement system at least every 5 years	udy conducted by the plan actuary for each
Local governments must have had a peer actuarial audit con OR replace the plan actuary at least every 8 years.	ducted by an actuary that is not the plan actuar

RESOLUTION #2020-05-06

Voluntary Employees Beneficiary Association (VEBA) Investment Policy Statement

WHEREAS, the Lansing Board of Water & Light (the "Sponsor") sponsors the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light (the "VEBA"); and

WHEREAS, the Retirement Plan Committee, established by the Sponsor and delegated certain duties by the Trustees related to the investment of VEBA assets, periodically reviews the target rate of return for each plan and, as the result of its most recent review, recommends the target rate of return for the VEBA be reduced from 7.5% to 7.0%; and

WHEREAS, the Retirement Plan Committee also periodically reviews the investment policy statement, formally known as the Statement of Investment Policies, Procedures and Objectives, for the VEBA and, as the result of its most recent review, recommends revisions to language within the VEBA's investment policy statement; and

WHEREAS, the Retirement Plan Committee along with the General Manager recommends the Sponsor adopt the revisions which reflect these recommendations in the attached Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light Statement of Investment Policies, Procedures and Objectives; and

WHEREAS, the Sponsor wants to adopt the revisions reflected in the attached Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light Statement of Investment Policies, Procedures and Objectives;

THEREFORE, it is:

RESOLVED, that, after its review, and based on the recommendation from the Retirement Plan Committee along with the General Manager, the Sponsor adopts and approves the attached Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light Statement of Investment Policies, Procedures and Objectives.

Motion by Commissioner Thomas, Seconded by Commissioner Ross, to approve the Resolution for the Voluntary Employees Beneficiary Association (VEBA) Investment Policy Statement.

Motion Carried by the following Roll Call Vote

Yeas: Commissioners Price, Graham, Leek, Lenz, Mullen, Ross, Thomas and Zerkle

Nays: None

RESOLUTION #2020-05-10

Acceptance of the Voluntary Employees Beneficiary Association (VEBA) Investment Policy

WHEREAS, the Lansing Board of Water and Light sponsors the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light (the "VEBA"); and

WHEREAS, certain individuals serve as trustees of the Plan (the "Trustees"); and

WHEREAS, the Trustees delegated certain investment authority regarding VEBA assets to the Retirement Plan Committee on September 3, 2016 (the "Delegation"); and

WHEREAS, the Trustees are required to acknowledge all revisions to the Statement of Investment Policies, Procedures and Objectives ("IPS") which are adopted from time to time by the Board of Commissioners of the Lansing Board of Water and Light;

THEREFORE, it is:

RESOLVED, that, the Trustees ratify all investment actions that have been taken by the Retirement Plan Committee in accordance with the Delegation;

FURTHER RESOLVED, that after reviewing the attached revised IPS, the Trustees acknowledge all revisions to the IPS, effective as indicated therein.

Motion by Trustee Mullen, Seconded by Trustee Zerkle, to accept the Resolution for the Acceptance of the Voluntary Employees Beneficiary Association (VEBA) Investment Policy

Motion Carried by the following Roll Call Vote:

Yeas: Commissioners Price, Graham, Leek, Lenz, Mullen, Ross, Thomas and Zerkle

Nays: None

POST-RETIREMENT BENEFIT PLAN AND TRUST FOR ELIGIBLE EMPLOYEES OF LANSING BOARD OF WATER AND LIGHT

STATEMENT OF INVESTMENT POLICIES, PROCEDURES AND OBJECTIVES

Effective May 26, 2020

STATEMENT OF INVESTMENT POLICIES, PROCEDURES AND OBJECTIVES

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Introduction

The Lansing Board of Water and Light ("**BWL**") is a municipal utility providing drinking water, electricity, steam and chilled water services to the greater Lansing area in mid-Michigan. The Plan receives contributions from the BWL. The Plan pays retirement benefits provided for in the Plan. Plan assets are invested in various types of securities.

This Statement of Investment Policy ("Statement") is issued by the Commissioners of the Lansing Board of Water and Light (the "Commissioners") for the Post-Retirement Benefit Plan and Trust for Eligible Employees of Lansing Board of Water and Light ("Plan"). The purpose of this Statement is to (I) identify and present a set of investment objectives, an Asset Allocation policy, investment performance standards and procedures for managing the Plan's assets; and (ii) clarify the delegation of certain investment and administrative duties to the Retirement Plan Committee ("the "Committee"). This document is intended to be consistent with the provisions of Michigan Public Act 149 of 1999, as amended, and Michigan Public Act 314 of 1965, as amended.

Updates to Statement

The Commissioners retain the authority to approve, revise and update this Statement as necessary to ensure that it is consistent with the BWL's investment philosophy. Any revisions or updates made to the Statement must be formally adopted by the Commissioners through a resolution.

Trustees' and Commissioners' Delegation of Duties

The Commissioners have delegated certain administrative responsibilities to the Committee pursuant to a separate Resolution. Those responsibilities are described in more detail in this Statement.

The Trustees of the Plan are the eight appointed voting Commissioners of the BWL. The Trustees have delegated all investment responsibilities to the Committee pursuant to a separate Resolution. Those investment responsibilities are described in more detail in this Statement. All provisions in this Statement relating to the Committee shall be operative until such time the delegation of duties by the Trustees and/or Commissioners is revoked.

Responsibility for selecting and providing direction to Investment Managers, Investment Consultants, custodians, and other administrators required for the management of the Plan's assets and for implementing overall investment decisions has been delegated to the Committee which shall report to the Commissioners regarding selections made and investment performance. The Trustees, shall act in accordance with the terms of this Statement, as updated from time to time by the Commissioners, and as communicated to the Trustees in writing.

Purpose of the Plan

The Plan was established for the purpose of providing post-retirement medical benefits to eligible employees and their beneficiaries. The Plan is a governmental retiree medical plan which provides medical, prescription drug, dental and life insurance benefits upon a participant's attainment of normal, early or disability retirement status. To this end, an investment portfolio is maintained to invest employer contributions and to reinvest income.

Investment Philosophy

The Commissioners, Trustees and the Committee recognize their respective Fiduciary duties to invest the Plan's assets in formal compliance with the Prudent Man Rule. The Trustees interpret this to mean that, in addition to the specific guidelines and restrictions set forth in this document, the assets of the Plan shall be actively managed -- that is, investment decisions regarding the particular securities to be purchased or sold shall be the result of the conscious exercise of discretion. Further, the Trustees recognize that, commensurate with its overall objective of maximizing long-range returns while maintaining a high standard of portfolio quality and consistency of return, it is necessary that proper diversification of assets be maintained both among and within the classes of securities held. Within this context of active management and the necessity for adherence to proper diversification, the Trustees and the Committee rely upon appropriate professional advice.

Delegation of Responsibilities

Retirement Plan Committee

The Committee acknowledges its responsibility as a Fiduciary to the Plan. In this regard, the Committee must act prudently and for the exclusive interest of the Plan's participants and beneficiaries.

Specifically, the Committee's responsibilities include, but are not limited to the following.

- 1. Complying with the provisions of pertinent federal, state, and local laws and regulations relating to the investment of Plan assets.
- 2. Evaluating and appointing a qualified manager(s) and consultant(s) to invest and manage the Plan's assets.
- 3. Communicating the investment goals, objectives, and standards to the investment managers including any material changes that may subsequently occur.
- 4. Determining, with the advice of the Investment Consultant ("Consultant"), how Plan assets should be allocated among various asset classes.
- 5. Reviewing and evaluating the results of the Investment Manager(s) ("Manager(s)") in context with established standards of performance.
- 6. Taking whatever corrective action is deemed prudent and appropriate when an investment manager fails to perform as mutually expected.
- 7. Notifying the Manager(s) of:
 - a) Significant changes in the Plan cash flow and/or cash flow needs; and

- b) Any matter which bear upon the proper investment management of the Plan's assets, including pertinent financial, legal, and actuarial information.
- 9. Monitoring all costs associated with the administration of the Plan's investments to ensure that the costs are reasonable with market averages.
- 10. Reviewing any program that may mitigate or offset costs.
- 11. Appointing or removing third party administrators, as deemed prudent.
- 12. Facilitating required communications to Plan participants and third-party administrators.
- 13. Recommending to the Commissioners alterations to the Plan's design to address changes in business needs and industry practices.
- 14. Taking any action necessary to carry out the terms of the Plan.

The Committee has authority to carry out all administrative and investment duties for the Plan but does not have the authority to freeze or terminate the Plan.

The Committee shall give consideration to and have an understanding of the following prior to retaining professionals:

- 1. Establish standards/requirements/appropriateness of services.
- 2. Identify appropriate candidates for the position.
- 3. Solicit bids and proposals.
- 4. Conduct interviews.
- 5. Check references.
- 6. Make reasoned decisions based on all information, including:
 - a) Philosophy/Goals (i.e., Mission Statement)
 - b) Ownership/Management/Organizational Structure/Turnover
 - c) Operational History/Growth Plan
 - d) Infrastructure: Resources/Tools-of-the-Trade
 - e) Financial Condition
 - f) Educational Background/Industry Experience
 - g) Professional Qualifications
 - h) Risk Controls/ Insurance
 - I) Criminal, Civil, Regulatory History
 - i) Fees
 - k) Liquidity
- 7. Document the decision process.
- 8. Verify compliance with federal and state laws and investment guidelines.
- 9. Establish standards of conduct, terms and conditions of relationship (Written Contract/Agreement).

Investment Consultant

In carrying out its delegated responsibilities, the Committee considers the services of a Consultant as appropriate to assist in the placement of investment funds. The primary role of the Consultant is to provide independent, objective, third-party advice and counsel that will enable the Committee to make well-informed and timely decisions regarding the investment of the Plan's assets.

The Consultant's role is that of an advisor to the Plan. The Consultant acknowledges its responsibilities as a Fiduciary. The Consultant acknowledges that it is a registered investment advisor under either the Investment Advisors Act of 1940 or the Michigan Uniform Securities Act.

Investment advice concerning the investment management of Plan assets will be offered by the Consultant, and will be consistent with the investment objectives, policies, guidelines and constraints as established in this statement. In specific terms, the primary responsibilities of the Consultant are as follows:

- 1. Measure and evaluate investment performance each calendar quarter.
- 2. Evaluate the Plan's tolerance for risk.
- 3. Advise regarding appropriate investment objectives and goals based on the Plan's needs and risk tolerance.
- 4. Determine what degree of potential market volatility should be factored into the investment approach.
- 5. Provide advice regarding optimal allocation of assets, based on all of the above.

Providing a Range of Capabilities

The Consultant is a third party retained by the Committee to assist in several key areas of the management of financial assets.

The Consultant may be asked to:

- 1. Gather and evaluate statistical information on the financial assets, investment needs, and risk parameters.
- 2. Analyze and understand the implications of historic capital market behavior, particularly with regard to the trade-off between total return and investment risk.
- 3. Maintain data on the universe of available professional investment managers. Categorize (as to investment style and discipline) and evaluate the qualifications of the individual management firms.
- 4. Provide periodic Asset Allocation studies and updates.
- 5. Conduct periodic trustee educational workshops.
- 6. Provide information with respect to alternate investments.
- 7. Monitor the investment of the Plan's assets for compliance with relevant laws and regulations.
- 8. Analyze and evaluate the Plan's investment performance, and the performance of its investment managers, both past and ongoing.
- 9. Make specific and timely recommendations for the consideration of the Committee during each phase of the investment management process.
- 10. Monitor all costs associated with the administration of the Plan's investments to ensure that they are reasonable with market averages.

Making Recommendations

Investment Policy - The Consultant may be asked to recommend an appropriate investment policy that will meet the Plan's needs. This includes recommending investment objectives and guidelines that adhere to the goals and tolerance for risk. The Consultant may be asked to provide an appropriate model of Asset Allocation

composed of equity, fixed-income, money market instruments or Alternative Investments designed to meet the established objectives.

Manager Selection - The Consultant may be asked to recommend the best qualified and most appropriate Manager(s) candidates for implementing the established investment policy. The Consultant shall be capable of utilizing a well-established system to select suitable Manager(s) candidates from both a local and national investment manager database.

Manager Performance Review and Evaluation

The Consultant shall provide the Committee with performance reports and ongoing quality control to assure that the standards and investment objectives are maintained. Performance reports generated by the Consultant shall be compiled at least quarterly and communicated to the Committee for review. The investment performance of total portfolios, as well as asset class components, will be measured against commonly accepted performance benchmarks. Consideration shall be given to the extent to which the investment results are consistent with the investment objectives, goals, and guidelines as set forth in this statement. The Committee intends to evaluate the portfolio(s) over at least a three-year period, but reserves the right to terminate a Manager(s) for any reason including the following:

- Investment performance which is significantly less than anticipated given the discipline employed and the risk parameters established, or unacceptable justification of poor results.
- 2. Failure to adhere to any aspect of this Statement of Investment Policy, including communication and reporting requirements.
- 3. Significant qualitative changes to a Manager(s) organization or strategy.

Manager(s) shall be reviewed regularly regarding performance, personnel, strategy, research capabilities, organizational and business matters, and other qualitative factors that may impact their ability to achieve the desired investment results.

Investment Manager(s)

Each Manager acknowledges its responsibility as an investment Fiduciary. Each Manager acknowledges that it is a registered investment advisor under either the Investment Advisors Act of 1940 or the Michigan Uniform Securities Act. Each Manager will have full discretion to make all investment decisions for the assets placed under its control, while observing and operating within all policies, guidelines, constraints, and philosophies as outlined in this statement.

Adherence to Policy Guidelines and Objectives

The assets of the Plan are to be managed in accordance with the policy guidelines and objectives expressed herein as well as any additional guidelines provided separately. Assets shall be invested in strict compliance with relevant laws and regulations. Each Manager shall manage its individual portfolio in compliance with relevant laws and regulations.

Discretionary Authority

Each Manager is expected to exercise complete investment discretion. Such discretion includes decisions to buy, hold and sell equities or fixed income securities (including cash equivalents) in amounts and proportions reflective of the Manager's current investment strategy and compatible with the investment guidelines.

Each Manager is expected, within the limitation of the account size, to diversify the portfolio to minimize the risk of large losses unless, under the circumstances, it is clearly prudent not to so diversify. The Manager shall invest the assets of the Plan with the same care, skill, prudence and diligence under the circumstances then prevailing that a prudent man, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of a like character and with such aims. The investment manager will provide the Committee with suggested strategy which might be changed or adopted to better suit the investment guidelines adopted by the Committee.

Communications

Each Manager is responsible for communicating with the Committee regarding all significant matters pertaining to the investment of the Plan's assets. The Committee shall be kept apprised of substantive changes in investment strategy, asset mix, portfolio structure, and market value of the Plan's assets. If requested, Manager(s) will meet with the Committee on a quarterly basis to review the portfolio and the investment outlook.

Reporting

Each Manager is expected to provide:

- 1. INITIALLY, a written statement (per management agreement) acknowledging their acceptance of the guidelines and performance standards herein stated.
- 2. AT LEAST QUARTERLY, a portfolio composition report to the Committee of the funds under their management. The report shall contain as a minimum the following data:
 - a. Investment Review
 - i. Account characteristics:
 - ii. Investment summary to include asset description, cost, date, unit value, market value, percent of market, current yield, unrealized gains/losses, and estimated annual income;
 - iii. A measurement of portfolio duration (for fixed-income investments); and
 - b. Summary and statement of assets under management.
- 3. At the request of the Committee, participation in a review meeting, the agenda to include, but not restricted to
 - a. A review and re-appraisal of the herein contained Statement;
 - b. A brief review of the recent capital market environment to include discussion of any event particularly pertinent to the management of this portfolio;
 - c. A commentary on investment results in light of the appropriate standards of performance as stated herein;
 - d. A synopsis of key investment decisions made by the Manager, the underlying rationale, and how those decisions could impact future results;

- e. Recommendations as to changes in goals or standards, based upon material and sustained changes in the capital markets;
- 4. UPON WRITTEN OR ORAL REQUEST
 - a. Copies of all documentation in support of any investment activity;
 - b. A summary of receipts and disbursements;
 - c. A listing of assets acquired and disposed of;
 - d. Evidence of suitable insurance coverage of the Manager's Fiduciary responsibilities.
- 5. IMMEDIATE NOTIFICATION
 - a. Notice of material changes in the Manager's outlook, policy, and tactics
 - b. Notice of material changes in ownership, organizational structure, financial condition, senior staffing and management of the Manager's organization.

Each manager's investment guidelines and performance objectives are made a part of their investment management agreement. Compliance with these guidelines and objectives is evaluated during the quarterly investment performance evaluation process.

Custodian

The primary responsibilities of the custodian ("Custodian") are to:

- 1. Provide adequate safekeeping services.
- 2. Settle securities transactions on time.
- 3. Collect trust fund income when due.
- 4. Provide adequate accounting services.
- 5. Prepare useful, accurate, and timely investment reports.
- 6. Provide adequate cash-management services.
- 7. Provide adequate administrative support.
- 8. Develop and maintain adequate data processing capabilities.
- 9. Handle proxy administration promptly and accurately.
- 10. Complete and file timely proof of claims for settlements of security class action suits and monitor the processing to ensure claims are received.

Plan Investment Policy

The Plan is maintained to provide retiree medical benefits for the participants and their beneficiaries.

The Trustees (or their delegate) are authorized and permitted by the Plan Document and under Michigan law to engage the services of a Manager(s), Consultant and Custodian and to set the direction for the investments. The Trustees have delegated these duties to the Committee.

The Trustees require that the Manager(s), Consultant and Custodian comply with all applicable laws, rules and regulations. Manager(s) will be given full discretion in managing the funds within this Statement.

Plan Investment Objectives

The Trustee outlook for Plan assets is intended to result in moderate, long-term capital appreciation through moderate risk-taking. The Trustees recognize that risk (i.e., the uncertainty of future events), volatility (i.e., the potential for variability of asset values), and the potential of loss in purchasing power (due to inflation) are present to some degree with <u>all</u> types of investment vehicles. While high levels of risk are to be avoided, the assumption of a moderate level of risk is warranted and encouraged in order to allow the opportunity to achieve satisfactory results consistent with the objectives and character of the Plan. The policies and restrictions contained in this Statement should not impede the Manager to attain the overall Plan objectives, nor should they exclude the Manager from appropriate investment opportunities.

The Plan's overall investment objective is to earn an average, annual return of 7.0% over five-year rolling periods. Achievement of this objective is likely to result in stable to declining future contribution rates and ensure its ability to pay retirement benefits for all plan participants.

The Plan's objective is based on the expected returns under the Strategic Asset Allocation policy, which follows. This Strategic Asset Allocation policy is likely to result in normal fluctuation in the Plan's actual return, year to year. The expected level of risk (volatility, i.e. return fluctuation) is appropriate given the Plan's current and expected tolerance for short-term return fluctuations. Appropriate diversification of Plan assets will reduce the Plan's investment return volatility.

Asset Allocation Policy

This Strategic Asset Allocation policy is consistent with the achievement of the Plan's financial needs and overall investment objectives. Asset classes are selected based on the expected long-term returns, individual reward/risk characteristics, and correlation with other asset classes, manager roles, and fulfillment of the Plan's long-term financial needs.

The Commissioners established an allocation range for each asset class in recognition of the need to vary exposure within and among different asset classes, based on investment opportunities and changing capital market conditions. The Commissioners selected the target allocation for each asset class based on the Plan's current financial condition, expected future contributions, withdrawals, plan expenses and current investment opportunities, notwithstanding short-term performance. The Commissioners intend to review these allocation targets at least annually, focusing on changes in the Plan's financial needs, investment objectives, and asset class performance.

Target Asset Allocation

Asset Class	<u>Manager Role</u>	Allocation Range	Target Allocation
Total Equity	Active/Passive	45 to 70%	60%
US Large Cap Equity	Active/Passive	25 to 35%	30%
US SMID Cap Equity	Active	5 to 15%	10%
Non-U.S. Equities	Active, Broad or Focused	15 to 25%	20%
Total Fixed Income	Active/Passive, Core, Opportunistic	10 to 50%	25%
Core Fixed Income	Active/Passive Core, Intermediate Diversified	10 to 35%	15%
Multi-Sector Fixed Income	Active Fixed Income	0 to 10%	5%
Liquid Absolute Return Fixed Income	Active Fixed Income	0 to 10%	5%
Real Estate	Core or value-added	0 to 20%	15%
Cash Equivalents	Active, money market fund	0 to 5%	0%
	Total Fund		100.0%

The Trustees recognize that the transition to the above target allocations will be achieved over an appropriate period of time, based upon manager availability, selection and approval as well as portfolio needs and constraints.

The Trustees acknowledge that alternative asset classes are available and intend to periodically evaluate the merits of using different asset classes. The Trustees also recognize the benefits of diversifying manager roles within a given asset class and intend to periodically evaluate this decision as well as the active versus passive management decision.

In order to preserve capital gains and protect principal during periods of market duress, a short-term U.S. government and/or high-quality credit securities fund may be used. Given the infrequent short-term use and specialized purpose of this fund, it is not included in either the Policy Index or Target Asset Allocation.

Administrative and Investment Review Procedures

Review of Policies

All investment policies and investment management guidelines will be reviewed annually by the Trustees, or whenever circumstances change to the extent that the policies may be ineffective or inappropriate.

General Review

All those responsible for investment of the Plan's assets shall submit a report or meet with the Committee to review their activities for the current year and discuss proposed changes that are anticipated.

Review of Investment Performance

The Committee will monitor the investment performance of each manager and the overall deployment of the Plan's assets. Monitoring may include periodic meetings with the Manager(s), and a quarterly performance evaluation performed by the Consultant.

Each performance evaluation will include:

- 1. The present and prospective economic climate;
- 2. Current period and historical, time-weighted rates of return for the overall Plan, including an evaluation against the previously specified performance standards;
- 3. Current period and historical, time-weighted rates of return for each Manager, including an evaluation against the previously specified performance standards;
- 4. Additional quantitative measures and analysis will be employed to objectively monitor each Manager's compliance with investment policies and guidelines.
- 5. An understanding of the strategy being used by each Manager to carry out the current Investment Policy; and
- 6. Opportunities available within current and prospective asset categories.

The Committee requests that all documents, exhibits, written materials, etc. to be used during the meetings be submitted in advance.

Individual Investment Manager Objectives

On a quarterly basis, the performance of each of the investment managers will be compared to a relevant Benchmark Index and to a relevant universe of investment management firms. The ongoing review and evaluation of investment manager results will be the responsibility of the Committee, with the assistance of the Consultant.

The primary emphasis of the review of each investment manager will be placed on relative rates of return and risk as compared against relevant benchmarks, peers and expectations for each specific manager.

Over a market cycle (usually 3-5 years), the following are the performance expectations for each portfolio:

- The total return of each portfolio should exceed the total return of the relevant index.
- The total return of each portfolio should rank median or higher when compared to the relevant peer group.

In addition to relative rates of return, each portfolio's performance will be evaluated based on its relative risk profile as measured by its standard deviation and other benchmark relative statistics; risk adjusted returns as measured by the portfolio's Sharpe ratio and performance in up and down markets.

Passive portfolio allocations are expected to approximate the risk and return profile of the appropriate benchmark.

Rebalancing Policy - Overall Fund Allocation

The system of Asset Allocation rebalancing to be utilized involves a target asset mix around which variance is allowed within prescribed limits. Rebalancing will be addressed when an asset-class limit is reached or exceeded. In addition to monitoring target and actual allocations quarterly, the Committee will formally review the policy and actual allocations in consideration of anticipated cash flow.

Review of Investment Management

Manager(s) are responsible for frequent and open communication (in writing) with the Committee and the Consultant on all significant matters pertaining to Investment Policy and the management of the Plan's assets, including, but not limited to:

- 1. A quarterly report of major changes in each Manager's investment outlook, investment strategy and portfolio structure.
- 2. Any significant changes in ownership, organizational structure, financial conditions, or senior personnel staffing of each Manager's organization.
- 3. Any investment guidelines which inhibit the fulfillment of a Manager's Fiduciary duties, inappropriately restrict performance, or prevent the manager from meeting their performance standards.

Proxy Voting

The Trustees confer the right to vote proxies to the Manager(s), unless the Manager(s) are otherwise notified by the Committee in writing. It is expected that Manager(s) will vote for the sole benefit of the Plan participants and beneficiaries, considering those factors that may affect the value of the Plan's investments and not subordinate the interests of the participants and beneficiaries in their retirement income to unrelated objectives.

A summary of votes cast shall be submitted to the Committee on an annual basis. This

summary must identify the company, number of shares held, subject proxy issues, actual vote (whether for or against the Committee's recommendation), and justification.

Directed Brokerage

Regarding directed brokerage, the Trustees do not require the Manager(s) to trade securities through an individual or set of broker-dealers. The Trustees wish to give the Manager(s) full discretion over their choice of broker-dealers, so long as the Plan's total cost or proceeds of transactions are the most favorable under the circumstances.

Tenure

While the relationship with Manager(s) is expected to be ongoing, the Committee reserves the right to terminate their relationship with any retained Manager at any time they deem appropriate.

In General Managers are fiduciaries with discretion to implement the guidelines within the direction provided by this Statement.

Managers should present (and obtain approval on) material changes in their investment style, philosophy or process to the Committee before implementing any changes on behalf of the Plan.

Managers (except commingled funds) are prohibited from using warrants, options, futures, collectibles, leverage, mutual funds (money market funds exempted), LLCs, ETFs, unit investment trusts, margin purchases or short sales, securities of Plan service providers (custodial bank notwithstanding), and loaning or pledging securities (certain index funds exempted). While commingled funds are exempt from the prohibited securities noted above, they are expected to be managed within the guidelines set forth for each fund. Commingled fund managers are required to comply with the appropriate performance standards and reporting requirements contained in this document.

If a Manager would like to purchase a security that falls outside of this Plan's investment guidelines (commingled funds exempted), or is in doubt as to the goal and intent of these guidelines, they should submit a written request for clarification to the Committee prior to purchase. Any security not specifically defined or permitted within is prohibited for investment on behalf of this Plan.

Cash Equivalents The cash equivalents Manager may invest in any institutional money market fund ("Fund") that follows the following objectives and policies:

- 1. The Fund seeks to provide current income while maintaining liquidity and a stable share price of \$1.
- 2. The Fund invests primarily in high-quality, short-term money market instruments, including certificates of deposit, Bankers Acceptances, commercial paper (except ABS commercial paper), and other money market securities.
- 3. To be considered high-quality, a security generally must be rated in one of the two highest credit-quality categories for short-term securities by at least two

- nationally recognized rating services (or by one, if only one rating service has rated the security).
- 4. If unrated, the security rating must be determined by the manager, subject to the limitations in item 3.
- 5. The Fund maintains a dollar-weighted average maturity of 90 days or less.

Total Plan Performance

The primary investment objective is to meet the long-term financial goals of the Plan. The Plan's Asset Allocation will be used as the primary tool to achieve this goal.

The Plan is expected to meet or exceed the following objectives over a full market cycle (usually three to five years):

- 1) Earn a rate of return after all expenses that equals or exceeds the current actuarial assumed rate of return of 7.0%
- 2) The Plan's total return should exceed the total return of the Policy index comprised of the following:

Index	Percent
Russell 1000	30%
Russell 2500	10%
MSCI ACWI ex-US	20%
BloomBar US Aggregate	25%
NFI ODCE (net) Index	15%

- 3) The Plan's total return should rank at median or above when compared to a universe of other portfolios with a similar equity allocation.
- 4) In addition to relative rates of return the Plan's performance will be evaluated based on its relative risk profile as measured by its standard deviation, beta, correlation to the Policy Index, risk adjusted returns as measured by the Plan's Sharpe ratio and performance in up and down markets.

Conclusion

It is in the intent of this Statement to state an attitude and/or philosophy which will guide Managers toward the performance desired. It is further intended that these objectives be sufficiently specific, but also sufficiently flexible.

It is the opinion of the Commissioners that these limitations and guidelines will not prevent a Manager from achieving the objectives set forth.

Glossary of Investment Terms

Alternative Investments - These investments are typically made through the purchase of limited partner units in a private limited partnership. Alternative investments include hedge funds, managed futures and commodities, private equity, real assets and other.

Asset Allocation - A process used to determine the optimal allocation of a fund's portfolio among broad asset classes.

Benchmark Index - An index against which the investment performance of a Manager can be compared for the purpose of determining the value added by the Manager. A benchmark portfolio must be of the same style as the Manager, and in particular, similar in terms of risk.

Fiduciary - Indicates the relationship of trust and confidence where one person (the Fiduciary) holds or controls property for the benefit of another person.

Liquidity - In general, liquidity refers to the ease by which a financial asset can be converted into cash. Liquidity is often more narrowly defined as the ability to sell an asset quickly without having to make a substantial price concession.

Standard Deviation - A statistical measure of portfolio risk. It reflects the average deviation of the observations from their sample mean. Standard deviation is used as an estimate of risk since it measures how wide the range of returns typically are. The wider the range of returns, the higher the standard deviation of returns, and the higher the portfolio risk. If returns are normally distributed (i.e. has a bell-shaped curve distribution) then approximately two-thirds of the returns would occur within plus or minus one standard deviation from the sample mean.

Strategic Asset Allocation – The strategic mix of assets designed to accomplish a long-term goal such as funding medical benefits. Generally, policy targets are set for the strategic asset classes with allowable ranges around those targets. The allowable ranges are established to allow flexibility in the management of the investment portfolio.

Tactical Asset Allocation – The tactical mix of assets is short-term in nature with a goal of maximizing returns. This strategy is used to take advantage of current market conditions that may be more favorable for one asset class over another.

Time-weighted Return - A method of measuring the performance of a portfolio over a particular period of time. It is the cumulative compounded rate of return of the portfolio, calculated on each date that cash flow moves into or out of the portfolio.

Universe - A group of Managers/Funds chosen to have an investment style similar to the Manager/Fund and used for comparison purposes.



Financial Report

With Required Supplementary Information

As of and for the Years Ended June 30, 2020 and 2019

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INDEPENDENT AUDITORS' REPORT

To the Honorable Mayor, Members of the City Council, and Commissioners of the Board of Water and Light Lansing Board of Water and Light Defined Contribution Plan and Trust 1
City of Lansing, Michigan

We have audited the accompanying financial statements of the Lansing Board of Water and Light Defined Contribution Plan and Trust 1 ("Plan"), as of and for the years ended June 30, 2020 and 2019, and the related notes to the financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Plan's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary position of the Plan as of June 30, 2020 and 2019, and the respective changes in fiduciary position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the required supplementary information as listed in the table of contents be presented to supplement the financial statements. Such information, although not a part of the financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the financial statements, and other knowledge we obtained during our audit of the financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Baker Tilly US, LLP (formerly known as Baker Tilly Virchow Krause, LLP)

ker Tilly US, LLP

Madison, Wisconsin September 2, 2020

Management's Discussion and Analysis As of and for the Years Ended June 30, 2020 and 2019

Using this Annual Report

The annual report consists of two parts: (1) Management's Discussion and Analysis (this section) and (2) the financial statements. The financial statements include notes that explain information in the statements and provide more detail.

Condensed Financial Information

The table below compares key financial information in a condensed format between the current year and the prior two fiscal years:

	2020		2019		2018
Assets held in trust:					
			_		
Mutual funds	\$	148,613,938	\$	147,768,040	\$ 145,098,563
Stable value		36,833,694		36,352,914	35,135,911
Guaranteed income fund		8,975,990		8,940,026	8,638,662
Self-directed brokerage account		6,330,405		3,787,956	2,144,556
Participant notes receivable		3,251,182		3,422,076	3,649,872
Net position	\$	204,005,209	\$	200,271,012	\$ 194,667,564
Changes in plan assets:					
Net investment income	\$	8,692,176	\$	11,044,252	\$ 17,630,692
Employer and participant contributions		7,199,159		8,405,369	8,183,397
Benefits paid to participants		(11,912,104)		(13,639,444)	(16,928,587)
Loan defaults and other charges		(245,034)		(206,729)	(157,831)
Change in net position	\$	3,734,197	\$	5,603,448	\$ 8,727,671

Investment Objectives

The principal purpose of the Lansing Board of Water and Light Defined Contribution Plan and Trust 1 ("Plan") is to provide benefits at a normal retirement age. The Plan's funds are selected to optimize return on a risk-adjusted basis within each asset class, to provide an opportunity to create a well-diversified portfolio, to control administrative and management cost, and to comply with applicable Michigan and federal law.

Management's Discussion and Analysis As of and for the Years Ended June 30, 2020 and 2019

Investment Objectives (Continued)

The Plan allows each participant to direct the investment of the funds in their Plan accounts. The Lansing Board of Water and Light ("BWL") offers various investment options (consistent with the investment policy statement) from which participants may choose to invest their respective interests in the Plan. The BWL periodically reviews the performance of investment options available to participants to ensure that each option is meeting its investment objectives.

Investment Results

The fiscal year ended June 30, 2020 saw a net investment gain of \$8.7 million. Total assets held in trust at the end of the fiscal year were \$204 million.

Future Events

The BWL has no plan to materially revise the terms of its Plan.

Contacting the Plan's Management

The financial report is intended to provide a general overview of the Plan's finances and to demonstrate accountability for the funds it administers. Questions about this report should be submitted to Lansing Board of Water and Light, Chief Financial Officer, P.O. Box 13007, Lansing, Michigan 48901–3007.

Statement of Fiduciary Net Position

	As of June 30			
		2020 20		
Assets				
Participant-directed investments (Note 1):				
Mutual funds	\$	148,613,938	\$	147,768,040
Stable value		36,833,694		36,352,914
Guaranteed income fund		8,975,990		8,940,026
Self-directed brokerage account		6,330,405		3,787,956
Total participant-directed investments		200,754,027		196,848,936
Participant notes receivable		3,251,182		3,422,076
Net Position Restricted for Pensions	\$	204,005,209	\$	200,271,012

Statement of Changes in Fiduciary Net Position

	For the Year Ended June 30				
		2020	2019		
Additions					
Investment income:					
Net appreciation in fair					
value of investments	\$	3,326,676	\$	1,406,649	
Dividend income		5,365,500		9,637,603	
Total investment income		8,692,176		11,044,252	
Employer contributions (Note 1)		6,733,020		6,618,384	
Participant rollover contributions		466,139		1,786,985	
Interest from participant notes receivable		172,695		210,373	
Total additions		16,064,030		19,659,994	
Deductions					
Benefits paid to participants		11,912,104		13,639,444	
Loan defaults		232,785		247,237	
Participants' note and administrative fees		184,944		169,865	
Total deductions		12,329,833		14,056,546	
Net Increase in Net Position		3,734,197		5,603,448	
Net Position Restricted for Pensions					
Beginning of year		200,271,012		194,667,564	
End of year	\$	204,005,209	\$	200,271,012	

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 1 - Description of the Plan

The following description of Lansing Board of Water and Light Defined Contribution Plan and Trust 1 ("Plan") provides only general information. Participants should refer to the Plan and Trust Document, in conjunction with the Plan Adoption Agreement, for a more complete description of the Plan's provisions.

General - The Plan was established by the Lansing Board of Water and Light ("BWL") in 1997 under Section 5–203 of the City Charter. Prior to its establishment, the BWL sponsored a defined benefit plan (Lansing Board of Water and Light Defined Benefit Plan and Trust for Employees' Pensions) in which substantially all employees of the BWL were participants. Effective December 1, 1997, all active participants of the defined benefit plan were required to make an irrevocable choice to either remain in the defined benefit plan or move to the newly established Plan. Those participants who elected to move to the Plan received lump-sum distributions from the defined benefit plan, which were rolled into their accounts in the Plan. Of the 760 active participants who were required to make this election, 602 elected to convert their retirement benefits to the Plan. As a result of this action, effective December 1, 1997, the Board of Commissioners transferred \$75,116,470 to the Plan, reflecting the plan participants' accumulated benefits as of said date.

ICMA-RC, the Plan recordkeeper, is responsible for Plan administration and processing of participant investments.

Contributions – For eligible employees hired before January 1, 1997, the BWL is required to contribute 15 percent of the employees' eligible compensation. For employees hired on or after January 1, 1997, the BWL is required to contribute 9.5 percent of the employees' compensation. In addition, the BWL is required to contribute an additional 3.0 percent of the employees' compensation for all employees who are not eligible to receive overtime pay and 0.5 percent of the employees' compensation for all non-bargaining employees. Effective November 26, 2019, the Lansing Board of Water and Light Retirement Plan Committee may amend the Plan's provisions and contribution requirements.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 1 - Description of the Plan (Continued)

Participant Accounts – Each participant's account is credited with the participant's rollover contributions and withdrawals, as applicable, and allocations of the BWL's contributions and Plan earnings. Allocations are based on participants' earnings or account balances, as defined in the Plan document. Forfeited balances of terminated participants' non-vested accounts are used to reduce future BWL contributions. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

As of June 30, 2020, there were 948 participants in the Plan, of which 656 were active employees. As of June 30, 2019, there were 936 participants in the Plan, of which 665 were active employees.

Vesting - The portion of employer contribution which is subject to vesting is vested on the following schedule: 25% vested after three years and an additional 25% after each subsequent completed year of service.

Investment Options - Participants may direct contributions to any of the following investment options, some of which are administered by subsidiaries (or related parties) of ICMA-RC. Since ICMA-RC is a service provider to the Plan, transactions in Vantagepoint and Vantage Trust funds qualify as party-in-interest transactions.

Stable Value – Seeks safety of principal, adequate liquidity, and returns superior to shorter maturity alternatives by actively managing a diversified portfolio of assets issued by highly rated financial institutions and corporations as well as obligations of the U.S. government or its agencies.

Balanced - Seeks both current income and capital appreciation by investing in a combination of stocks, bonds, and money market instruments.

Growth - Seeks long-term capital appreciation by investing primarily in equity securities of companies with above-average growth prospects. Current income is a secondary concern.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 1 - Description of the Plan (Continued)

International - Seeks long-term capital appreciation by investing primarily in equity securities of issuers located outside of the U.S.

Stock Funds - Seeks long-term growth through capital gains, although historically dividends have been an important source of total return. These funds primarily invest in the common stocks of companies based in the United States. There are many options for diversification within this category.

Bond and Equity Funds - Seeks to maximize current income with capital appreciation as a secondary consideration by investing primarily in debt securities issued by the U.S. government or its agencies and domestic and foreign corporations. They are not fixed-income investments. Even when a mutual fund's portfolio is composed entirely of bonds, the fund itself has neither a fixed yield nor a contractual obligation to give investors back their principal at some later maturity date – the two key fixed characteristics of individual bonds.

VT Retirement IncomeAdvantage Fund: The VT Retirement IncomeAdvantage Fund seeks both moderate capital growth and current income. It invests in a separate account under a group variable annuity. The separate account, in turn, invests in a mix of registered funds and a collective trust fund with an allocation of approximately 60% domestic and foreign equities and 40% fixed income.

Self-directed Brokerage Account: Participants with a minimum account balance of \$35,000 may transfer from their fund accounts a minimum of \$5,000 to a self-directed brokerage account. Eligible investments are equity securities traded on U.S. exchanges valued at greater than \$5 and over 400 mutual funds from 18 investment management companies. Participants pay a one-time set-up fee of \$50.

Participant Notes Receivable – Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum of the lesser of \$50,000 or 50 percent of their account balances. Notes receivable are treated as transfers between the investment fund and the notes receivable fund. Note terms range from one to five years or up to 20 years for the purchase of a primary residence. The notes receivable are secured by the balance in the participant's account and bear interest at a rate commensurate with prevailing rates as determined periodically by the Plan administrator. Principal and interest are paid ratably through payroll deductions.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 1 - Description of the Plan (Continued)

Payment of Benefits – Upon termination of service, a participant may elect to receive either a lump-sum amount equal to the value of the participant's vested interest in his or her account, or choose from a variety of periodic payment options. Upon reaching normal retirement age, a participant may elect to receive in service distributions.

Note 2 - Summary of Significant Accounting Policies

Basis of Accounting – Fiduciary funds use the economic resources measurement focus and the full accrual basis of accounting. Revenue is recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Plan participant contributions are recognized in the period in which the contributions are due. Employer contributions to the Plan are recognized when due pursuant to legal requirements. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

Use of Estimates – The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions and deductions during the reporting period. Actual results could differ from those estimates.

Valuation of Investments and Income Recognition – The investments are stated at fair value based on closing sales prices reported on recognized securities exchanges on the last business day of the year, or for listed securities having no sales reported, and for unlisted securities, upon the last reported bid prices on that date. The mutual funds are valued at quoted market prices, which represent the net asset values of shares held by the Plan at year-end.

Purchases and sales of investments are recorded on a trade-date basis. Interest income is accrued when earned. Dividend income is recorded on the ex-dividend date.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 2 - Summary of Significant Accounting Policies (Continued)

Participant Notes Receivable – Participant notes receivable are recorded at their unpaid principal balances plus any accrued interest. Participant notes receivable are written off when deemed uncollectible.

Expenses - Substantially all Plan expenses are paid by Plan participants.

Regulatory Status – The Plan is not subject to the reporting requirements of the Employee Retirement Income Security Act of 1974 (ERISA) as it has been established for the benefit of a governmental unit.

Note 3 - Investments

The pension trust fund is authorized by Michigan Public Act 314 of 1965, as amended, to invest in certain reverse repurchase agreements, stocks, diversified investment companies, annuity investment contracts, real estate leased to public entities, mortgages, real estate, debt or equity of certain small businesses, certain state and local government obligations, and certain other specified investment vehicles.

The Plan's deposits and investment policies are in accordance with PA 196 of 1997 and have authorized the investments according to Michigan PA 314 of 1965, as amended.

Custodial Credit Risk of Bank Deposits - As of June 30, 2020 and 2019, the Plan has no bank deposits.

Credit Risk - Credit risk is the risk an issuer or other counterparty to an investment will not fulfill its obligations. As of June 30, 2020, the credit quality ratings of debt securities are as follows:

			Rating
Investment	Fair Value	Rating	Organization
Mutual funds	\$ 148,613,938	Not rated	Not rated
Stable value	36,833,694	AA-	S&P

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 3 – Investments (Continued)

As of June 30, 2019, the credit quality ratings of debt securities are as follows:

Investment	Fair Value	Rating	Rating Organization
Mutual funds	\$ 147,768,040	Not rated	Not rated
Stable value	36,352,914	AA	S&P

Interest Rate Risk – Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of investments. The Plan's investment policy does not address this risk. At June 30, 2020, the average maturities of investments are as follows:

		Weighted
<u>Investment</u>	<u>Fair Value</u>	Average Maturity
Mutual funds – Bond funds	\$18,651,741	5.9 years

At June 30, 2019, the average maturities of investments are as follows:

		Weighted
<u>Investment</u>	<u>Fair Value</u>	Average Maturity
Mutual funda - Dand funda	¢17172070	4.0
Mutual funds – Bond funds	\$17,172,978	4.9 years

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 4 - Plan Termination

Although it has not expressed any intention to do so, the BWL has the right under the provisions set forth in Article 14 of the Plan to terminate the Plan. In the event of any termination of the Plan, or upon complete or partial discontinuance of contributions, the accounts of each affected participant shall become fully vested.

Note 5 - Tax Status

The Plan is a prototype plan. The prototype plan has received a favorable opinion letter from the Internal Revenue Service (IRS) that the prototype plan, as designed, is qualified for federal income tax-exempt status. The Plan has not individually sought its own determination letter.

Note 6 - Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under authoritative guidance are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted market prices for identical assets in active markets that the Plan has the ability to access.

Level 2 – Inputs to the valuation methodology include:

- > quoted prices for similar assets or liabilities in active markets;
- > quoted prices for identical or similar assets or liabilities in inactive markets:
- > inputs other than quoted prices that are observable for the asset or liability:
- > inputs that are derived principally from or corroborated by observable market data by correlation or other means; and
- > if the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 6 – Fair Value Measurements (Continued)

Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observables and minimize the use of unobservable inputs.

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at June 30, 2020 and 2019:

Money market fund, growth funds, and international funds: Valued at the quoted net asset value ("NAV") of shares held by the Plan at year-end.

Common stock and bond and equity funds: Valued at the most recent closing price reported on the market on which individual securities are traded.

Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily NAV and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Stable value fund: The Vantagepoint PLUS Fund is a collective fund that seeks to maintain a stable net asset value. It invests primarily in a diversified portfolio of stable-value investments, including traditional guaranteed investment contracts (traditional GICs), separate account GICs, synthetic GICs backed by fixed income securities or investments, and short-term investment funds, including money market mutual funds.

Guaranteed Lifetime Income fund: The Vantage Trust Retirement Income Advantage Fund seeks both moderate capital growth and current income. It invests in a separate account under a group variable annuity. The separate account, in turn, invests in a mix of registered funds and a collective trust fund with an allocation of approximately 60% domestic and foreign equities and 40% fixed income.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 6 – Fair Value Measurements (Continued)

Self-directed brokerage account: The self-directed brokerage account allows participants of the Plan the option of selecting a more personalized and broad range of investment choices. The investments within the account consist of corporate stocks, which are valued at the most recent closing price reported on the market on which individual securities are traded.

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of June 30, 2020 and 2019:

	June 30, 2020								
Investment Type		Level 1		Level 2		Level 3		Total	
Mutual funds:									
Money market	\$	340,907	\$	_	\$	_	\$	340,907	
Bond and equity funds		18,651,741		_		_		18,651,741	
Stock funds		58,499,545		_		_		58,499,545	
Balanced funds		54,465,725		_				54,465,725	
International funds		16,656,020		_		_		16,656,020	
Self-directed brokerage account		6,330,405		_		<u>–</u>		6,330,405	
Total Investments by Fair Value									
Level	\$	154,944,343	\$		\$		\$	154,944,343	
Investments measured at the net									
asset value (NAV)									
Stable value							\$	36,833,694	
Guaranteed Lifetime Income								8,975,990	
Total Investments Measured									
at Fair Value							\$	200,754,027	

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 6 – Fair Value Measurements (Continued)

	June 30, 2019								
Investment Type		Level 1		Level 2		Level 3		Total	
Mutual funds:									
Money market	\$	541,492	\$	_	\$	_	\$	541,492	
Bond and equity funds		17,172,978		_		_		17,172,978	
Stock funds		61,192,842		_		-		61,192,842	
Balanced funds		53,135,058		_		-		53,135,058	
International funds		15,725,670		_		-		15,725,670	
Self-directed brokerage account		3,787,956						3,787,956	
Total Investments by Fair Value									
Level	\$	151,555,996	\$		\$	_	\$	151,555,996	
Investments measured at the net									
asset value (NAV)									
Stable value							\$	36,352,914	
Guaranteed Lifetime Income							_	8,940,026	
Total Investments Measured									
at Fair Value							\$	196,848,936	

Investments Measured Using NAV per Share Practical Expedient: The stable value fund and guaranteed lifetime income fund use NAV per share as a practical expedient to measuring fair value. The stable value fund had a fair value of \$36,833,694 and \$36,352,914 as of June 30, 2020 and 2019, respectively and the guaranteed lifetime income fund had a fair value of \$8,975,990 and \$8,940,026, respectively. These funds have no unfunded commitments, the redemption frequency is daily, and there is no redemption notice period.

Note 7 – Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the Statement of Fiduciary Net Position.

Notes to Financial Statements As of and for the Years Ended June 30, 2020 and 2019

Note 8 – Subsequent Events

The Plan has evaluated subsequent events occurring through the date that the Plan's financial statements were approved and available to be issued, for events requiring recording or disclosure in the Plan's financial statements. There are no subsequent events warranting disclosures.



Lansing Board of Water & Light 401(a) Plans

Investment Review

Advising Team:

Plante Moran Financial Advisors pmfainstitutional@plantemoran.com



Lansing Board of Water & Light 401(a) Plans Table Of Contents

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PMFA Market Perspectives – Quarterly Commentary Second Quarter 2020

Although we're only halfway through, 2020 has been a year that none of us will soon forget. To varying degrees, the array of health, societal, and economic challenges that have arisen appear likely to be with us for some time. We acknowledge that we live in uncertain times; we'd also acknowledge the challenges and periods of uncertainty that we've previously seen over time. Each might be different, but each can still create a sense of anxiety, of frustration, of fear, or of anger.

As your financial advisor, we don't seek to offer answers to many of these challenges, particularly those outside our area of expertise. Instead, we remain committed to providing you with perspective, leveraging our expertise to serve you, and developing and implementing strategies that will allow you to reach your financial goals and objectives even in the face of uncertainty.

Against that backdrop, the strength of global equity markets and corresponding rebound in equity performance in the last three months may be surprising. Evidence that the economy is already emerging from an exceptionally rapid and severe economic slowdown is certainly welcome. Most data on the labor market and consumer activity in the past month has been not only positive, but in most cases far exceeded expectations.

The S&P posted its strongest quarterly gain in over two decades in the second quarter, ending just shy of where it began the year - an impressive feat given that the rally started while the economy was rapidly deteriorating.

That impressive surge has led some to question the seeming disconnect between the economy and the capital markets. On the one hand, the economy is working to rebound from what will go down in the record books as the worst (albeit potentially shortest) recession in post-WWII history. On the other, broad equity markets have rallied strongly from their troughs, recouping much of the ground lost earlier this year. In an ironic twist, the S&P 500 Index returned to positive territory for the year on June 8 - the same day the National Bureau of Economic Research's Business Cycle Dating Committee announced that the economy had entered a recession, officially ending the United States' record-setting 128-month expansion.

To help reconcile this divide, we're reminded of a simple truism that is all too often misunderstood: the stock market is not the economy. History clearly demonstrates that equity markets are forward-looking and tend to lead turning points in the economy by about four months on average. Of course, the speed of the onset of this recession shortened the current cycle's lead time. Conversely, this recession may prove to be the shortest in U.S. history. With unprecedented support from both fiscal and monetary policymakers in Washington (with more fiscal stimulus anticipated), equity markets have shifted their focus beyond the current and toward the green shoots that suggest that economic recovery is now well underway and is more robust than consensus forecasts had projected.

Still, the road ahead for the U.S. economy is far from clear, and the path may be bumpy until the threat created by COVID- 19 is perceived to be under control, likely resulting from the



PMFA Market Perspectives – Quarterly Commentary Second Quarter 2020

availability of an effective treatment or vaccine. The recent resurgence in cases prompting several states to pause their reopening plans or even put new restrictions in place is a clear example of the lingering risk. Similarly, equity markets are not immune to these risks, and the potential for additional periods of volatility cannot be ruled out.

Although our individual experiences vary, there's no question that we are all adapting to significant change in our lives brought about by this global pandemic. Still, the fundamental principles of investing remain unchanged. No one knows what the second half of 2020 will bring, but we do know that the importance of having a well-conceived plan and sticking to a disciplined investment strategy has never been greater.

The current period of uncertainty will pass. Effective decisionmaking today will plant the seeds that will allow you to navigate the near term and position yourself to successfully achieve your goals in the long term.

For our ongoing perspectives, we encourage you to explore our leadership "Wealth thought by visitina the Management/OurThinking" section of our website, plantemoran.com. Access to these insights will also be delivered to you via our monthly "Learn, Lead, Legacy" email, which includes timely updates surrounding wealth management and Plante Moran. Please contact your relationship manager if you would like to subscribe.

Administrative Matters

We've provided this information regarding your account(s) based on sources we believe to be reliable and accurate. We urge you to take a moment to compare the account balances and positions contained in your report to those balances reflected on the statements that you receive directly from your account's custodian. Please contact us or the account custodian with any questions you may have. Also, please notify us promptly if you do not receive statements on all accounts from the custodian on at least a quarterly basis.

ADV PART 2A OFFER AND FORM CRS

Previously, we provided you with a complete copy of our Form ADV Part 2A that provided important information about our current organizational structure, breadth of services, the investment philosophy that we employ, and our fee structure.

We're including a copy of PMFA's Customer Relationship Summary (Form CRS), which provides important information regarding your relationship with PMFA.

We'll provide you a new brochure or Form CRS at any time, without charge. Our brochure and Form CRS are also available website. our on plantemoran.com/wealthmanagement from your relationship manager or from David T. Doyle, chief compliance officer of PMFA at dave.doyle@plantemoran.com or (248) 223-3611.

Additional information about PMFA is also available via the SEC's website adviserinfo.sec.gov. The SEC's website also provides information about any persons affiliated with PMFA who are registered as investment advisor representatives of PMFA.

PROXY VOTING

PMFA shall have no obligation or authority to take any action or render any advice with respect to the voting of proxies or other voting decisions/actions regarding investments solicited by or with respect to issuers of securities held in client accounts (including but not limited to tender offers, proposed mergers, rights offerings, exchange offers, warrants and other corporate actions).

Please do not hesitate to contact us.

Very truly yours,

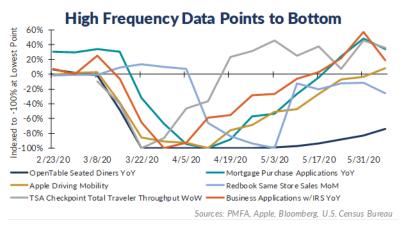
PLANTE MORAN FINANCIAL ADVISORS

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PMFA Market Perspectives Second Quarter 2020

Has the economy entered recovery territory?



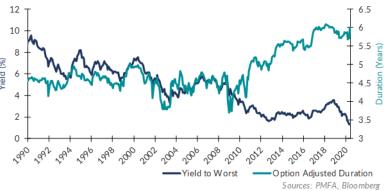
As the U.S. economy begins to reopen, there's a growing sense of relief that day-to-day restrictions are being lifted, even if it's tempered by the realization that the virus itself hasn't been eradicated and another wave could result in additional restrictions being reintroduced at some point. What does this all mean for the economy? As with the health risk itself, recent developments don't signal an "all clear," but do indicate that activity likely bottomed out in April.

Hard data like GDP is reported at a lag, limiting its timeliness and value. Instead, we can look toward high-frequency data that's much timelier to help confirm a turning point in the cycle. As illustrated above, measures of mobility and travel have perked up, and retailers are benefiting. The fact that business applications and mortgages for new home purchases are improving are also very telling.

Recently, the positive effects are materializing in other data as well, such as the May retail sales report, which came in much stronger than expected. It will take time for overall output and employment to return to their prepandemic levels. There is growing evidence that the recovery is underway, although risks remain. Further volatility is certainly possible, but a return to growth bodes well for risk assets including stocks.

Given the solid returns for bond indexes this year, why shouldn't I just index my bond portfolio?





Interest in passive (index) investments has grown significantly in recent decades, with more investors turning to low-cost index options. Investors seeking a taxable core U.S. fixed income strategy may invest in index funds that seek to replicate the returns of the Bloomberg Barclays U.S. Aggregate Index (the "Agg"). Investors should be aware that index characteristics can change considerably over time, which can also expose the investor to unwanted, and avoidable, risks.

As interest rates have fallen in recent decades, the Agg's yield has also declined. Increasingly, those low yields and growing treasury exposure in the index have lifted the index's duration (or degree of interest rate sensitivity). When yields are falling, that longer duration can be beneficial; however, with interest rates now exceptionally low, a long-duration portfolio creates additional downside risk to investors should interest rates rise. At the same time, the incremental yield provided by long-term treasuries is limited, suggesting that investors aren't being well compensated for taking that risk.

Active bond managers have an advantage in their ability to create a highquality portfolio, while seeking opportunities to add value and manage around unwanted risks. There is a place for indexing in investment portfolios, but it isn't without risk. As with any investment, understanding those risks is critical.



CPA, CFP®, CIMA® Chief Investment Officer



TRICIA NEWCOMB CIMA® Associate Senior Strategy Analyst



ERIC DAHLBERG Associate Senior Equity Analyst

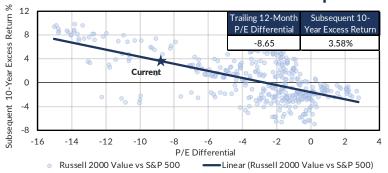


PAUL OLMSTED CIMA* Associate Senior Fixed Income Analyst

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Do valuations make a case for small-cap value stocks?

Relative Valuations Attractive for Small Cap Value



Data from Dec. 1978 - May 2020 Sources: PMFA, FTSE Russell, Morningstar

Across equity markets, valuations paint a divergent picture. Within the U.S. market, large-cap stocks look comparatively expensive on a price/earnings basis, while small-cap value stocks look increasingly cheap compared to their long-term historical averages. In the near term, valuations can remain quite stretched and could become even more so before normalizing. Over longer periods though, the historical evidence is clear: price matters. Over longer periods, investing in a stock, a sector, or a market when they're out of favor rather than those where prices are stretched generally leads to superior returns.

Large-cap stocks have outperformed smaller companies for several years; that dynamic has continued through the selloff and subsequent rebound this year. The result is a valuation discrepancy that has become quite pronounced, with small-cap value stocks in particular looking increasingly attractively priced compared to blue-chip growth stocks. Since 1978, when relative valuations have reached these levels, the Russell 2000 Value Index (small-cap value stocks) has outperformed the S&P 500 by an average of about 3.5% annually over the subsequent decade.

A word of caution: Valuations alone aren't good timing indicators, and prices could become even more stretched. For long-term investors though, the opportunity is clear.

What does the rebound in manufacturing signal for stocks?

Average Returns Post PMI Bottom

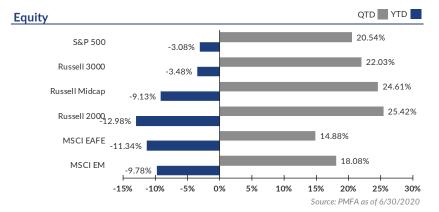


At times, the stock market can appear to be disconnected from the real economy, performing well despite negative economic news or vice versa (see previous piece). Since late March, large-cap growth companies have experienced a strong rebound even as the economy was contracting sharply. Notably, cyclically sensitive small-cap value stocks also were hard hit during the downturn but have since lagged as equities surged. With data now indicating that the economy is also in recovery, should we expect these same trends to persist? Looking to the manufacturing sector may provide insight.

As illustrated in the chart above, when manufacturing activity rebounds from the bottom, small-cap value stocks (measured by the Russell 2000 Value Index) have typically outperformed their large-cap peers over the ensuing three years. Why? First, small companies tend to do less business overseas and are thus more closely tied to the U.S. economy than large multinational firms. Secondly, the small-cap value index has much higher exposure to financials and industrials that are more sensitive to cyclical fluctuations and can benefit disproportionally when the economy accelerates.

The recent surge in COVID-19 cases creates some risk to the near-term outlook for the economic recovery, but a durable rebound in growth should benefit small-cap stocks.

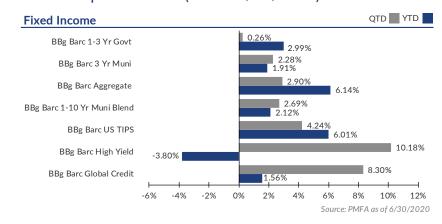
Equity performance (ended 6/30/2020)



Equity markets rebounded significantly over the second quarter, posting double digit returns across all major indices. Domestically, small caps, which were hit hardest in the downturn, saw the best performance, returning over 25% for the quarter. However, large cap stocks were not far behind, with the S&P 500 posting a gain of over 20%. International stocks lagged the U.S., but still saw strong performance, returning around 15% for the quarter.

The rebound in economic activity was stronger than many had expected, and this provided support to equities and other risk assets. Market volatility may remain elevated, however, as the number of new COVID-19 cases has continued to increase in the United States.

Fixed income performance (ended 6/30/2020)



Fixed income markets saw very strong performance over the period, with all sectors posting positive numbers for the quarter.

Credit sectors in particular posted strong returns, with Bloomberg Barclays High Yield Index posting a 10.18% return for the period, as the reopening of major economies sparked a significant shift in investor sentiment. Signs of a stronger than expected economic rebound was supportive of risk assets broadly, though traditional safe-haven asset such as U.S. treasuries saw strong performance as well.

Disclosures

Past performance does not guarantee future results. All investments include risk and have the potential for loss as well as gain.

Data sources for peer group comparisons, returns, and standard statistical data are provided by the sources referenced and are based on data obtained from recognized statistical services or other sources believed to be reliable. However, some or all of the information has not been verified prior to the analysis, and we do not make any representations as to its accuracy or completeness. Any analysis nonfactual in nature constitutes only current opinions, which are subject to change. Benchmarks or indices are included for information purposes only to reflect the current market environment; no index is a directly tradable investment. There may be instances when consultant opinions regarding any fundamental or quantitative analysis may not agree.

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PMFA Market Perspectives Second Quarter 2020

Trailing Returns as of June 30, 2020

Calendar Year Returns

	Quarter To Date	Year To Date	Annualized Latest 1 Year	Annualized Latest 3 Years	Annualized Latest 5 Years	Annualized Latest 10 Years	2019	2018	2017	2016	2015
Fixed Income											
Bloomberg Barclays 1-3 Yr Government	0.26	2.99	4.12	2.71	1.86	1.36	3.59	1.58	0.45	0.87	0.57
Bloomberg Barclays 3 Yr Municipal	2.28	1.91	3.12	2.36	1.95	1.83	3.67	1.76	1.56	0.08	1.18
Bloomberg Barclays U.S. Aggregate Bond	2.90	6.14	8.74	5.32	4.30	3.82	8.72	0.01	3.54	2.65	0.55
Bloomberg Barclays 1-10 Year Muni	2.69	2.12	3.83	3.29	2.97	3.09	5.63	1.64	3.49	-0.10	2.45
Bloomberg Barclays U.S. Treasury U.S. TIPS	4.24	6.01	8.28	5.05	3.75	3.52	8.43	-1.26	3.01	4.68	-1.44
Equity											
Russell 3000	22.03	-3.48	6.53	10.04	10.03	13.72	31.02	-5.24	21.13	12.74	0.48
Russell 3000 Growth	27.99	8.98	21.94	18.21	15.23	16.92	35.85	-2.12	29.59	7.39	5.09
Russell 3000 Value	14.55	-16.74	-9.42	1.41	4.41	10.23	26.26	-8.58	13.19	18.40	-4.13
S&P 500	20.54	-3.08	7.51	10.73	10.73	13.99	31.49	-4.38	21.83	11.96	1.38
S&P 500 Sec/Cons Disc	32.86	7.23	12.59	15.29	13.21	18.19	27.94	0.83	22.98	6.03	10.11
S&P 500 Sec/Cons Staples	8.12	-5.66	3.62	5.03	7.22	11.79	27.61	-8.38	13.49	5.38	6.60
S&P 500 Sec/Energy	30.51	-35.34	-36.09	-12.46	-9.18	0.21	11.81	-18.10	-1.01	27.36	-21.12
S&P 500 Sec/Financials	12.20	-23.62	-13.92	0.11	5.41	9.68	32.13	-13.03	22.18	22.80	-1.53
S&P 500 Sec/Health Care	13.59	-0.81	10.90	10.30	8.14	15.72	20.82	6.47	22.08	-2.69	6.89
S&P 500 Sec/Industrials	17.01	-14.64	-9.02	1.91	6.73	11.76	29.37	-13.29	21.03	18.86	-2.53
S&P 500 Sec/Information Technology	30.53	14.95	35.90	26.83	23.41	20.49	50.29	-0.29	38.83	13.85	5.92
S&P 500 Sec/Materials	26.01	-6.92	-1.11	3.90	5.44	9.85	24.58	-14.70	23.84	16.69	-8.38
S&P 500 Sec/Communication Services	20.04	-0.31	11.08	8.58	7.18	10.58	32.69	-12.53	-1.25	23.49	3.40
S&P 500 Sec/Utilities	2.73	-11.14	-2.11	6.41	10.17	11.31	26.35	4.11	12.11	16.29	-4.85
Russell Mid Cap	24.61	-9.13	-2.24	5.79	6.76	12.35	30.54	-9.06	18.52	13.80	-2.44
Russell 2000	25.42	-12.98	-6.63	2.01	4.29	10.50	25.52	-11.01	14.65	21.31	-4.41
MSCI EAFE	14.88	-11.34	-5.13	0.81	2.05	5.73	22.01	-13.79	25.03	1.00	-0.81
MSCI ACWI Ex U.S.	16.12	-11.00	-4.80	1.13	2.26	4.97	21.51	-14.20	27.19	4.50	-5.66
MSCI EAFE Local	12.60	-10.53	-4.24	1.26	2.63	6.86	21.67	-10.99	15.23	5.34	5.33
MSCIEM	18.08	-9.78	-3.39	1.90	2.86	3.27	18.42	-14.57	37.28	11.19	-14.92
Alternatives											
Bloomberg Barclays High Yield	10.18	-3.80	0.03	3.33	4.79	6.68	14.32	-2.08	7.50	17.13	-4.47
Bloomberg Barclays Global Credit	8.30	1.56	4.38	4.17	4.31	4.62	11.02	-3.29	9.19	5.43	-3.39
HFRX Global Hedge Fund	6.19	-1.09	3.09	1.18	0.71	1.12	8.62	-6.72	5.99	2.50	-3.64
Bloomberg Commodity TR	5.08	-19.40	-17.38	-6.14	-7.69	-5.82	7.69	-11.25	1.70	11.77	-24.66

Source: Morningstar, PMFA





Lansing Board of Water & Light 401(a) Plans Investment Style Summary

Domestic Equity Investment Options

	Value	Blend	Growth		
Large	JHancock Disciplined Value R6	Fidelity® 500 Index	Fidelity® Contrafund® MainStay Winslow Large Cap Growth I		
Medium	JPMorgan Mid Cap Value R6	Fidelity® Mid Cap Index	T. Rowe Price Instl Mid-Cap Equity Gr		
Small	American Beacon Small Cap Value R6	Fidelity® Small Cap Index	AMG TimesSquare Small Cap Growth N		

Fixed Income Investment Options

Money Market/Stable Value	Broad Fixed Income (Core)	Other Fixed Income (Non-Core)
Cash	PIMCO Total Return A	PIMCO Real Return Instl
Vantagepoint PLUS Fund R10	Fidelity® US Bond Index	PIMCO Income Instl

Other Investment Options

International/World Equity	Target Date	Other
Oakmark International Advisor Vanguard Total Intl Stock Index Admiral American Funds Europacific Growth R6 Vanguard International Growth Adm American Funds Capital World Gr&Inc R6	Vanguard Target Retirement Income Inv VT Retirement IncomeAdvantage Vanguard Target Retirement 2015 Inv Vanguard Target Retirement 2020 Inv Vanguard Target Retirement 2025 Inv Vanguard Target Retirement 2030 Inv Vanguard Target Retirement 2035 Inv Vanguard Target Retirement 2040 Inv Vanguard Target Retirement 2045 Inv Vanguard Target Retirement 2050 Inv Vanguard Target Retirement 2055 Inv Vanguard Target Retirement 2055 Inv Vanguard Target Retirement 2060 Inv Vanguard Target Retirement 2065 Inv	Fidelity® Balanced Nuveen Real Estate Securities I



Lansing Board of Water & Light 401(a) Plans **Investment Balances**

	Q2 20	20	Q1 20)20	Q4 20	119	Q3 20)19	
Fund	Market Value	Plan Allocation	Market Value	Plan Allocation	Market Value	Plan Allocation	Market Value	Plan Allocation	Quarter Change
Cash	\$340,909	0.17%	\$328,143	0.18%	\$318,454	0.15%	\$540,596	0.27%	-0.01%
Vantagepoint PLUS Fund R10	\$38,211,429	18.71%	\$41,416,706	22.89%	\$37,390,944	17.80%	\$37,360,836	18.76%	-4.18%
PIMCO Total Return A	\$4,711,170	2.31%	\$4,988,529	2.76%	\$5,005,624	2.38%	\$5,036,283	2.53%	-0.45%
Fidelity® US Bond Index	\$11,449,408	5.61%	\$11,471,002	6.34%	\$9,858,154	4.69%	\$8,936,642	4.49%	-0.73%
PIMCO Real Return Instl	\$2,030,947	0.99%	\$2,130,556	1.18%	\$2,388,254	1.14%	\$2,236,632	1.12%	-0.18%
PIMCO Income Instl	\$613,124	0.30%	\$588,378	0.33%	\$1,370,481	0.65%	\$2,002,575	1.01%	-0.02%
Fidelity® Balanced	\$6,086,699	2.98%	\$3,920,673	2.17%	\$5,270,441	2.51%	\$4,727,526	2.37%	0.81%
JHancock Disciplined Value R6	\$5,582,308	2.73%	\$5,021,451	2.78%	\$7,643,879	3.64%	\$7,169,189	3.60%	-0.04%
Fidelity® 500 Index	\$14,750,666	7.22%	\$12,740,875	7.04%	\$15,795,125	7.52%	\$15,231,704	7.65%	0.18%
Fidelity® Contrafund®	\$8,943,385	4.38%	\$6,045,717	3.34%	\$7,858,255	3.74%	\$7,597,556	3.81%	1.04%
MainStay Winslow Large Cap Growth I	\$7,843,476	3.84%	\$6,069,289	3.35%	\$7,152,264	3.41%	\$6,935,596	3.48%	0.49%
JPMorgan Mid Cap Value R6	\$111,233	0.05%	\$104,980	0.06%	\$108,547	0.05%	\$51,121	0.03%	0.00%
Fidelity® Mid Cap Index	\$4,098,555	2.01%	\$3,237,265	1.79%	\$4,324,056	2.06%	\$4,043,436	2.03%	0.22%
T. Rowe Price Instl Mid-Cap Equity Gr	\$9,896,091	4.85%	\$7,551,687	4.17%	\$10,931,936	5.20%	\$10,417,031	5.23%	0.67%
American Beacon Small Cap Value R6	\$1,686,760	0.83%	\$1,435,956	0.79%	\$2,196,519	1.05%	\$2,125,946	1.07%	0.03%
Fidelity® Small Cap Index	\$3,948,882	1.93%	\$2,931,220	1.62%	\$4,283,839	2.04%	\$3,912,511	1.96%	0.31%
AMG TimesSquare Small Cap Growth N	\$1,527,723	0.75%	\$1,109,229	0.61%	\$1,674,964	0.80%	\$1,762,787	0.89%	0.14%
Oakmark International Advisor	\$225,567	0.11%	\$59,339	0.03%	\$95,728	0.05%	\$81,089	0.04%	0.08%
Vanguard Total Intl Stock Index Admiral	\$1,497,751	0.73%	\$1,490,554	0.82%	\$2,237,549	1.07%	\$2,456,204	1.23%	-0.09%
American Funds Europacific Growth R6	\$1,759,055	0.86%	\$1,536,994	0.85%	\$633,390	0.30%	\$837,410	0.42%	0.01%
Vanguard International Growth Adm	\$1,750,170	0.86%	\$1,176,488	0.65%	\$2,459,961	1.17%	\$2,198,940	1.10%	0.21%
Nuveen Real Estate Securities I	\$1,190,762	0.58%	\$1,005,714	0.56%	\$1,378,676	0.66%	\$1,205,512	0.61%	0.03%
American Funds Capital World Gr&Inc R6	\$11,649,162	5.70%	\$9,677,423	5.35%	\$12,566,988	5.98%	\$9,650,689	4.85%	0.36%
Vanguard Target Retirement Income Inv	\$3,338,558	1.63%	\$3,223,238	1.78%	\$3,465,237	1.65%	\$3,383,581	1.70%	-0.15%
VT Retirement IncomeAdvantage	\$8,975,990	4.40%	\$7,944,331	4.39%	\$9,361,938	4.46%	\$8,912,686	4.47%	0.00%





Lansing Board of Water & Light 401(a) Plans **Investment Balances**

	Q2 20)20	Q1 2	020	Q4 20)19	Q3 20	019	
Fund	Market Value	Plan Allocation	Market Value	Plan Allocation	Market Value	Plan Allocation	Market Value	Plan Allocation	Quarter Change
Vanguard Target Retirement 2015 Inv	\$3,889,234	1.90%	\$3,932,042	2.17%	\$4,786,465	2.28%	\$4,625,146	2.32%	-0.27%
Vanguard Target Retirement 2020 Inv	\$9,236,901	4.52%	\$7,976,143	4.41%	\$9,973,688	4.75%	\$9,663,637	4.85%	0.11%
Vanguard Target Retirement 2025 Inv	\$9,335,238	4.57%	\$7,975,477	4.41%	\$10,542,453	5.02%	\$9,970,776	5.01%	0.16%
Vanguard Target Retirement 2030 Inv	\$5,833,743	2.86%	\$4,839,546	2.67%	\$6,350,271	3.02%	\$5,760,422	2.89%	0.18%
Vanguard Target Retirement 2035 Inv	\$6,254,717	3.06%	\$5,198,715	2.87%	\$6,310,114	3.00%	\$5,750,289	2.89%	0.19%
Vanguard Target Retirement 2040 Inv	\$5,585,864	2.74%	\$4,477,665	2.47%	\$5,314,315	2.53%	\$4,806,088	2.41%	0.26%
Vanguard Target Retirement 2045 Inv	\$3,587,639	1.76%	\$3,091,650	1.71%	\$3,761,779	1.79%	\$3,211,331	1.61%	0.05%
Vanguard Target Retirement 2050 Inv	\$1,690,485	0.83%	\$1,331,079	0.74%	\$1,579,006	0.75%	\$1,369,477	0.69%	0.09%
Vanguard Target Retirement 2055 Inv	\$103,500	0.05%	\$73,035	0.04%	\$78,725	0.04%	\$60,766	0.03%	0.01%
Vanguard Target Retirement 2060 Inv	\$65,175	0.03%	\$40,040	0.02%	\$34,922	0.02%	\$24,805	0.01%	0.01%
Vanguard Target Retirement 2065 Inv	\$41,794	0.02%	\$34,713	0.02%	\$42,211	0.02%	\$37,970	0.02%	0.00%
Self-Directed Brokerage	\$6,360,400	3.11%	\$4,745,092	2.62%	\$5,488,352	2.61%	\$5,071,540	2.55%	0.49%
Plan Totals:	\$204,204,470	100.00%	\$180,920,934	100.00%	\$210,033,501	100.00%	\$199,166,325	100.00%	0.00%



Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
Cash	-	2018-12-31	-	-	-	-	-	-	-
Peer Group: Morningstar Money Market - Taxable Benchmark: FTSE Treasury Bill 3 Mon USD Peer Group Percentile Rank Notes:			0.94 1.56	0.80 1.15	0.39 -	-	15.68 -	36,744.12 -	-0.34 -
Vantagepoint PLUS Fund R10	-	2019-02-15	2.39	2.20	0.54	29.00	15.75	9,782.77	1.04
Peer Group: Morningstar US SA Stable Value			1.87	1.77	0.59	-	19.16	61,386.13	0.61
Benchmark: Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon)			2.84	1.52	-	-	-	-	-
Peer Group Percentile Rank Notes:			16	8	44		65		8
PIMCO Total Return A	PTTAX	2009-03-26	7.97	4.04	1.05	33.00	5.75	67,969.62	-0.32
Peer Group: Morningstar Intermediate Core-Plus Bond			5.62	4.14	0.68	-	10.34	5,990.65	-0.63
Benchmark: BBgBarc US Universal TR USD			7.88	4.42	-	-	-	-	-
Peer Group Percentile Rank			35	55	79		70		30

The particular share class chosen for this fund was based on platform availability or taking into account the revenue sharing amount. The performance shown does not take into account the revenue sharing amount, which may be credited back to participants. Due to these reasons, we look at the lowest net expense ratio share class in order to determine if a fund meets monitoring criteria. The share class with the lowest prospectus net expense ratio for this fund meets the 5 year monitoring criteria.

Fidelity® US Bond Index	FXNAX	2019-02-15	9.01	4.32	0.03	9.00	6.08	51,803.10	-0.02
Peer Group: Morningstar Intermediate Core Bond			6.97	3.98	0.55	-	10.31	10,483.36	-0.20
Benchmark: BBgBarc US Agg Bond TR USD			8.74	4.30	-	-	-	-	-
Peer Group Percentile Rank			19	22	4		66		29
Notes: This fund attempts to track the Bloomberg Barclays US Aggregate B	Bond Index.								

Meets criteria Does not meet criteria



Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
PIMCO Real Return Instl	PRRIX	2019-02-14	8.38	3.73	0.98	23.00	1.41	9,094.16	-0.11
Peer Group: Morningstar Inflation-Protected Bond			4.20	3.04	0.64	-	8.13	2,965.71	-0.36
Benchmark: BBgBarc Gbl Infl Linked US TIPS TR USD			8.28	3.75	-	-	-	-	-
Peer Group Percentile Rank			15	18	74		92		25

Notes:

The expense calculation takes into account the management fee and expenses for PIMCO's use of hedges and derivatives. The non-management fee expenses incurred are in the normal course of managing the fund and may change over time. Since PIMCO uses derivatives more extensively than other managers, it impacts the overall reportable expenses of the fund as required by

PIMCO Income Instl	PIMIX	2019-02-15	0.69	4.69	1.05	13.00	13.25	116,853.73	2.58
Peer Group: Morningstar Multisector Bond			-1.44	3.37	0.95	-	8.37	4,324.50	0.73
Benchmark: BBgBarc Global Aggregate TR USD			4.22	3.56	-	-	-	-	-
Peer Group Percentile Rank			56	6	59		16		3

Notes:

The expense calculation takes into account the management fee and expenses for PIMCO's use of hedges and derivatives. The non-management fee expenses incurred are in the normal course of managing the fund and may change over time. Since PIMCO uses derivatives more extensively than other managers, it impacts the overall reportable expenses of the fund as required by

Fidelity® Balanced	FBALX	2009-03-26	10.51	8.28	0.53	33.00	11.75	34,457.42	-1.64
Peer Group: Morningstar Allocation50% to 70% Equity			0.38	5.34	0.98	-	10.16	6,914.44	-3.17
Benchmark: Blend (60% S&P 500 TR_40% BC Agg Bond TR USD)			8.58	8.41	-	-	-	-	-
Peer Group Percentile Rank			4	7	12		35		18
Notes:									

Meets criteria Does not meet criteria



Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
JHancock Disciplined Value R6	JDVWX	2019-02-15	-10.07	3.48	0.70	23.00	23.41	11,801.90	-1.20
Peer Group: Morningstar Large Value			-10.73	4.53	0.87	-	10.13	3,914.32	-0.06
Benchmark: Russell 1000 Value TR USD			-8.84	4.64	-	-	-	-	-
Peer Group Percentile Rank			70	69	32		6		71

Notes:

The Fund is managed by subadvisor Boston Partners who focuses on strong free cash flows and returns on invested capital. Management employs quantitative analysis to evaluate a company's business momentum, which drives a large portion of the Fund's stock selection process. While the team also prioritizes risk management and considers the protection of capital to be its primary responsibility, it tends carry an underweight to Consumer Staples and Utilities, while maintaining a market-like beta.

Underperformance over the five-year period ended 6/30/2020 was mainly due to stock selection in the Technology and Healthcare sectors. Within Technology, an overweight to Hewlett-Packard and Western Digital, and an underweight to Apple were the primary detractors. Within Healthcare, Gilead Sciences and McKesson Corp were the main individual detractors. Additionally, an underweight to Consumer Staples and an overweight to Financials, also weighed on relative returns.

In October 2018, Boston Partners promoting two analysts (David Cohen and Stephanie McGirr) to be dedicated portfolio managers on the Large Cap Value strategy. This change was driven by a desire to recognize the contributions of these two analysts and is not a part of any upcoming transition.

Fidelity® 500 Index	FXAIX	2019-02-15	7.49	10.72	0.01	9.00	11.41	229,012.13	-0.01
Peer Group: Morningstar Large Blend			0.53	8.90	0.79	-	9.14	11,761.64	-1.50
Benchmark: S&P 500 TR USD			7.51	10.73	-	-	-	-	-
Peer Group Percentile Rank			23	10	2		31		15
Notes: This fund attempts to track the S&P 500 Index.									
Fidelity® Contrafund®	FCNTX	2009-03-26	17.91	14.05	0.85	53.00	29.75	121,366.58	-1.33
Peer Group: Morningstar Large Growth			10.35	13.10	0.93	-	11.18	8,326.64	-2.31
Benchmark: Russell 1000 Growth TR USD			23.28	15.89	-	-	-	-	-
Peer Group Percentile Rank			48	39	42		2		35
Notes:									
MainStay Winslow Large Cap Growth I	MLAIX	2019-02-15	21.91	15.45	0.74	25.00	14.66	13,011.98	-0.52
Peer Group: Morningstar Large Growth			10.35	13.10	0.93	-	11.18	8,326.64	-2.31
Benchmark: Russell 1000 Growth TR USD			23.28	15.89	-	-	-	-	-
Peer Group Percentile Rank			29	24	29		29		25
Notes:									





Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
JPMorgan Mid Cap Value R6	JMVYX	2019-02-15	-13.70	2.45	0.73	22.00	22.58	12,732.58	-0.81
Peer Group: Morningstar Mid-Cap Value Benchmark: Russell Mid Cap Value TR USD Peer Group Percentile Rank			-16.57 -11.81 53	2.30 3.32 46	0.98 - 21	- -	10.08 - 3	2,144.13 -	-0.92 - 47
Notes:									
Fidelity® Mid Cap Index	FSMDX	2019-02-15	-2.28	6.75	0.03	8.00	8.75	13,076.85	0.00
Peer Group: Morningstar Mid-Cap Blend			-8.71	4.26	0.94	-	8.87	3,169.70	-2.17
Benchmark: Russell Mid Cap TR USD			-2.24	6.76	-	-	-	-	-
Peer Group Percentile Rank Notes:			20	15	2		37		16
This fund attempts to track the Russell Mid Cap Index.									
T. Rowe Price Instl Mid-Cap Equity Gr	PMEGX	2019-02-15	3.55	11.09	0.61	23.00	23.92	6,981.99	-0.29
Peer Group: Morningstar Mid-Cap Growth			3.57	10.12	1.05	-	11.17	2,978.87	-1.04
Benchmark: Russell Mid Cap Growth TR USD			11.91	11.60	-	-	-	-	-
Peer Group Percentile Rank Notes:			76	35	8		5		36
American Beacon Small Cap Value R6	AASRX	2019-02-15	-18.63	-0.05	0.80	21.00	21.50	4,643.70	-1.06
Peer Group: Morningstar Small Value			-20.46	-0.30	1.13	-	10.08	1,098.74	-1.42
Benchmark: Russell 2000 Value TR USD			-17.48	1.26	-	-	-	-	-
Peer Group Percentile Rank Notes:			58	44	14		10		41
Fidelity® Small Cap Index	FSSNX	2019-02-15	-6.46	4.47	0.03	8.00	8.75	11,021.19	0.18
Peer Group: Morningstar Small Blend			-14.29	2.59	1.01		9.46	1,513.13	-1.49
Benchmark: Russell 2000 TR USD			-6.63	4.29	-	-	-	-	-
Peer Group Percentile Rank Notes: This fund attempts to track the Russell 2000 Index			16	15	2		43		17
This fund attempts to track the Russell 2000 Index.					M	eets criteria	Does not i	meet criteria	

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Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
AMG TimesSquare Small Cap Growth N	TSCPX	2014-03-14	2.67	8.35	1.19	20.00	20.41	426.74	1.60
Peer Group: Morningstar Small Growth			-2.42	8.40	1.15	-	11.33	1,566.28	1.69
Benchmark: Russell 2000 Growth TR USD			3.48	6.86	-	-	-	-	-
Peer Group Percentile Rank			55	51	54		10		52

Notes:

Over the five-year period ended 6/30/2020, modest relative underperformance was driven primarily by stock selection in the Technology and Consumer Discretionary sectors. Within Technology, an overweight to 2U Inc. and J2 Global, as well as a lack of exposure to Monolithic Power Systems, were the largest detractors. In the Consumer Discretionary sector, underperformance was primarily attributable to underweight exposure to WingStop and Planet Fitness, as well as an overweight to Hudson Ltd.

The particular share class chosen for this fund was based either on platform availability or taking into consideration the revenue sharing amount.

Oakmark International Advisor	OAYIX	2019-02-15	-15.11	-1.23	0.90	27.00	27.75	21,848.87	2.15
Peer Group: Morningstar Foreign Large Value			-14.44	-0.69	1.00	-	8.51	1,155.07	0.73
Benchmark: MSCI EAFE Value NR USD			-14.48	-1.59	-	-	-	-	-
Peer Group Percentile Rank			81	66	41		1		13

Notes:

The Fund takes a long-term approach, investing in companies it believes are trading at deep discounts to their intrinsic values. While the Fund currently lands in the blend peer group, it historically has exhibited a value bias, and therefore, may underperform when blend/growth names are outperforming. It has tended to hold 5% or less in Emerging Markets and has historically carried an overweight to the Financials sector. The Fund will often look much different from its benchmark, occasionally leading to higher volatility over shorter periods.

Over the past five years ended 6/30/2020, relative underperformance is mainly attributable to positioning across the Eurozone and a bias towards economically sensitive businesses, with the bulk of the underperformance occurring in 2018 and YTD 2020. Stock selection in the Consumer Discretionary sector was the largest source of underperformance, driven by an overweight to automotive-related names and an underweight to (LVMH) Moet Hennessy Louis Vuitton. Stock selection in Financials was also a significant source of underperformance, led by an overweight to European banks as the industry fell under significant pressure in recent years as interest rates fell sharply and fears of a global economic slowdown raised questions around future profitability. Stock selection in Communication Services was also a headwind.

While recent underperformance has been significant, Oakmark retains conviction in its portfolio, seeing some recovery in 2020 Q2, and believes that it is currently trading at an extreme discount. Given the team's "private equity" style approach, focusing on company fundamentals over the coming years rather than quarters, they generally feel that the near-term headwinds will have a muted impact on their portfolio's long-term prospects. This is a deep, talented team that has experience navigating multiple crises in David Herro's tenure since 1992. While this Fund can be volatile and experience extended periods of underperformance relative to its benchmark, it has a long history of rewarding long-term investors with long-term investment time horizons (generally 5 years or more).





Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
Vanguard Total Intl Stock Index Admiral	VTIAX	2019-02-15	-4.09	2.42	0.11	24.00	11.83	399,130.65	-0.26
Peer Group: Morningstar Foreign Large Blend			-6.92	1.92	0.90	-	7.47	6,384.54	-0.67
Benchmark: FTSE Global All Cap ex US TR USD			-4.16	2.71	-	-	-	-	-
Peer Group Percentile Rank Notes: This fund attempts to track the FTSE Global All Cap ex US Index.			41	29	6		19		30
American Funds Europacific Growth R6	RERGX	2019-02-15	3.17	4.90	0.46	36.00	19.00	153,579.95	2.85
Peer Group: Morningstar Foreign Large Blend			-6.92	1.92	0.90	-	7.47	6,384.54	-0.06
Benchmark: MSCI EAFE NR USD			-5.13	2.05	-	-	-	-	-
Peer Group Percentile Rank Notes:			5	2	21		5		3
Vanguard International Growth Adm	VWILX	2019-02-15	24.55	11.90	0.32	38.00	17.34	46,871.96	5.52
Peer Group: Morningstar Foreign Large Growth			1.80	5.11	1.01	-	9.45	8,112.01	-0.28
Benchmark: MSCI EAFE Growth NR USD			4.15	5.52	-	-	-	-	-
Peer Group Percentile Rank Notes:			4	5	4		11		7
Nuveen Real Estate Securities I	FARCX	2011-02-18	-9.63	4.68	1.06	25.00	15.08	2,222.56	2.14
Peer Group: Morningstar Real Estate			-14.40	4.44	1.01	-	11.68	1,914.25	2.07
Benchmark: DJ US Select REIT TR USD			-17.71	2.45	-	-	-	-	-
Peer Group Percentile Rank			53	47	54		27		47
Notes: The particular share class chosen for this fund was based either on pl	atform availa	bility or taking into	consideration	n the revenue	sharing amo	unt.			
American Funds Capital World Gr&Inc R6	RWIGX	2019-02-14	2.55	6.31	0.42	27.00	14.34	93,258.49	0.15
Peer Group: Morningstar World Large Stock			-4.86	5.27	1.02	-	7.46	4,469.87	-0.67
Benchmark: MSCI ACWI NR USD			2.11	6.46	-	-	<u>-</u>	-	_
Peer Group Percentile Rank Notes:			43	41	4		9		41
					M	leets criteria	Does not i	meet criteria	



nvestment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
/anguard Target Retirement Income Inv	VTINX	2012-11-16	5.69	4.93	0.12	16.00	7.33	16,882.91	0.41
Peer Group: Morningstar Target-Date Retirement			3.54	4.35	0.65	-	8.81	678.41	-0.40
Benchmark: S&P Target Date Retirement Income TR USD			5.40	4.70	-	-	-	-	-
Peer Group Percentile Rank Notes:			22	20	4		64		11
/T Retirement IncomeAdvantage	-	2018-12-31	4.56	5.09	1.59	-	-	-	-
Peer Group: Morningstar Target-Date Retirement			3.54	4.35	0.65	-	8.81	678.41	-0.40
Benchmark: S&P Target Date Retirement Income TR USD			5.40	4.70	-	-	-	-	-
Peer Group Percentile Rank Notes: The particular share class chosen for this fund was based either on	nlatform availa	hility or taking into	60	8 the revenue	96	unt			
/anguard Target Retirement 2015 Inv	VTXVX	2012-11-16	5.45	5.47	0.13	16.00	7.33	14,918.19	0.53
Peer Group: Morningstar Target-Date 2015			3.97	5.20	0.56	_	7.63	1,319.59	-0.14
Benchmark: S&P Target Date 2015 TR USD			4.73	5.30	-	_	-	-	-
Peer Group Percentile Rank Notes:			27	29	6		44		13
/anguard Target Retirement 2020 Inv	VTWNX	2012-11-16	5.09	5.96	0.13	14.00	7.33	31,158.44	0.26
Peer Group: Morningstar Target-Date 2020			3.61	5.35	0.65	-	8.29	2,502.30	-0.15
Benchmark: S&P Target Date 2020 TR USD			4.33	5.56	-	-	-	-	-
Peer Group Percentile Rank Notes:			23	10	4		55		24
/anguard Target Retirement 2025 Inv	VTTVX	2012-11-16	4.82	6.29	0.13	16.00	7.33	44,522.63	0.34
Peer Group: Morningstar Target-Date 2025			3.12	5.59	0.65	-	7.89	3,308.88	-0.16
Benchmark: S&P Target Date 2025 TR USD			3.66	5.82	-	-	-	-	-
Peer Group Percentile Rank Notes:			24	14	4		54		22



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Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yı > 50% of Peers
Vanguard Target Retirement 2030 Inv	VTHRX	2012-11-16	4.40	6.47	0.14	14.00	7.33	40,192.71	0.43
Peer Group: Morningstar Target-Date 2030 Benchmark: S&P Target Date 2030 TR USD			2.36 2.92	5.93 6.02	0.68 -	-	8.01	3,624.77 -	-0.03 -
Peer Group Percentile Rank Notes:			30	22	4		52		23
Vanguard Target Retirement 2035 Inv	VTTHX	2012-11-16	3.94	6.62	0.14	16.00	7.33	38,301.44	0.48
Peer Group: Morningstar Target-Date 2035			1.95	6.10	0.67	-	7.84	3,020.24	-0.05
Benchmark: S&P Target Date 2035 TR USD			2.12	6.17	-	-	-	-	-
Peer Group Percentile Rank Notes:			26	24	4		53		19
Vanguard Target Retirement 2040 Inv	VFORX	2012-11-16	3.46	6.76	0.14	14.00	7.33	30,381.56	0.42
Peer Group: Morningstar Target-Date 2040			0.81	6.19	0.70	-	8.19	2,746.44	-0.12
Benchmark: S&P Target Date 2040 TR USD			1.56	6.28	-	-	-	-	-
Peer Group Percentile Rank Notes:			26	21	4		53		24
Vanguard Target Retirement 2045 Inv	VTIVX	2012-11-16	2.97	6.79	0.15	16.00	7.33	28,083.54	0.33
Peer Group: Morningstar Target-Date 2045			0.37	6.18	0.69	-	7.79	2,054.15	-0.20
Benchmark: S&P Target Date 2045 TR USD			1.20	6.34	-	-	-	-	-
Peer Group Percentile Rank Notes:			38	22	5		53		23
Vanguard Target Retirement 2050 Inv	VFIFX	2012-11-16	3.02	6.79	0.15	14.00	7.33	21,237.49	0.35
Peer Group: Morningstar Target-Date 2050			0.11	6.21	0.71	-	7.88	1,675.46	-0.15
Benchmark: S&P Target Date 2050 TR USD			1.05	6.42	-	-	-	-	-
Peer Group Percentile Rank Notes:			34	21	5		53		23

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			Return 1Yr	Return 5Yr	Expense Ratio	Prod Hist	Manager Tenure	AUM	Alpha 5Yr
Investment Option	Ticker	Plan InceptionDate	> 25% of Peers	> 50% of Peers	< 50% of Peers	>= 3 Years	>= 3 Years	>= 250 MM	> 50% of Peers
Vanguard Target Retirement 2055 Inv	VFFVX	2012-11-16	2.95	6.77	0.15	9.00	7.33	11,727.27	0.35
Peer Group: Morningstar Target-Date 2055			0.33	6.21	0.70	-	6.64	931.99	-0.26
Benchmark: S&P Target Date 2055 TR USD			0.89	6.45	-	-	-	-	-
Peer Group Percentile Rank			33	24	5		47		23
Notes:									
Vanguard Target Retirement 2060 Inv	VTTSX	2012-11-16	2.95	6.76	0.15	8.00	7.33	5,416.95	0.35
Peer Group: Morningstar Target-Date 2060+			0.22	6.65	0.68	-	3.28	260.43	0.06
Benchmark: S&P Target Date 2055 TR USD			0.89	6.45	-	-	-	-	-
Peer Group Percentile Rank			30	44	7		1		36
Notes: Benchmark comparison for Target Date 2060 Funds is the our pricing service. As such the most comparable benchmark.								Morningstar Ca	egory from
Vanguard Target Retirement 2065 Inv	VLXVX	2012-11-16	2.84		0.15	2.00	2.92	722.32	

Vanguard Target Retirement 2065 Inv	VLXVX	2012-11-16	2.84	-	0.15	2.00	2.92	722.32	-
Peer Group: Morningstar Target-Date 2060+			0.22	6.65	0.68	-	3.28	260.43	0.06
Benchmark: S&P Target Date 2055 TR USD			0.89	6.45	-	-	-	-	-
Peer Group Percentile Rank			34		7		56		

Notes:

Benchmark comparison for Target Date 2065 Funds is the S&P 2055 Target. As of the date of this report the "S&P Target 2065" Index has not yet been assigned as the Morningstar Category from our pricing service. As such the most comparable benchmark has been included. When the S&P Target 2065 Index is available, the benchmark will be changed.

> Meets criteria Does not meet criteria



				1)	'ear	3 Y	⁄ear	5 Y	′ear	10	Year	Since	Inception
Investment Option	Ticker	QTD Return	YTD Return	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	Inception Date
Cash	-	-	-	-	-	-	-	-	-	-	-	-	-
Universe: Morningstar Money Market - Taxable		0.00	0.25	1.04	563	1.27	524	0.80	454	0.40	418		
Benchmark: FTSE Treasury Bill 3 Mon USD		0.14	0.52	1.56		1.72		1.15		0.61			
Vantagepoint PLUS Fund R10	-	0.56	1.15	2.39	16	2.32	11	2.20	8	2.13	23	3.51	01/02/1991
Universe: Morningstar US SA Stable Value		0.45	0.95	2.06	299	1.94	267	1.75	248	1.77	179		
Benchmark: Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon)		0.08	1.77	2.84		2.23		1.52		0.98			
PIMCO Total Return A	PTTAX	3.79	5.98	7.97	35	4.85	46	4.04	55	3.83	73	6.78	05/11/1987
Universe: Morningstar Intermediate Core-Plus Bond		5.54	4.37	6.83	601	4.58	534	3.98	455	4.16	333		
Benchmark: BBgBarc US Universal TR USD		3.81	5.17	7.88		5.15		4.42		4.12			
Fidelity® US Bond Index	FXNAX	2.77	6.53	9.01	19	5.38	19	4.32	22	3.79	46	6.03	05/04/201
Universe: Morningstar Intermediate Core Bond		3.87	5.54	7.88	421	4.83	380	3.90	331	3.65	249		
Benchmark: BBgBarc US Agg Bond TR USD		2.90	6.14	8.74		5.32		4.30		3.82			
PIMCO Real Return Insti	PRRIX	5.38	6.20	8.38	15	4.94	25	3.73	18	3.49	10	5.78	01/29/1997
Universe: Morningstar Inflation-Protected Bond		4.88	4.70	6.78	212	4.27	196	3.09	170	2.90	115		
Benchmark: BBgBarc Gbl Infl Linked US TIPS TR USD		4.24	6.01	8.28		5.05		3.75		3.52			
PIMCO Income Insti	PIMIX	6.48	-1.68	0.69	56	3.32	34	4.69	6	7.51	1	7.78	03/30/2007
Universe: Morningstar Multisector Bond		7.78	-2.04	0.69	321	2.63	283	3.30	235	4.44	128		
Benchmark: BBgBarc Global Aggregate TR USD		3.32	2.98	4.22		3.79		3.56		2.81			
Fidelity® Balanced	FBALX	18.30	1.95	10.51	4	9.30	8	8.28	7	10.41	5	9.22	11/06/1986
Universe: Morningstar Allocation50% to 70% Equity		13.05	-3.58	2.30	684	5.04	636	5.22	559	7.88	412		
Benchmark: Blend (60% S&P 500 TR_40% BC Agg Bond TR USD)		13.32	0.98	8.58		8.93		8.41		10.08			
JHancock Disciplined Value R6	JDVWX	16.70	-17.57	-10.07	70	0.87	69	3.48	69	10.03	46	7.47	01/02/1997
Universe: Morningstar Large Value		15.67	-15.18	-7.59	1194	2.21	1110	4.45	971	9.75	709		
Benchmark: Russell 1000 Value TR USD		14.29	-16.26	-8.84		1.82		4.64		10.41			
Fidelity® 500 Index	FXAIX	20.53	-3.09	7.49	23	10.71	17	10.72	10	13.97	8	10.12	05/04/2011
Universe: Morningstar Large Blend		19.61	-5.45	3.76	1378	8.15	1229	8.34	1057	12.22	804		
Benchmark: S&P 500 TR USD		20.54	-3.08	7.51		10.73		10.73		13.99			



				11	⁄ear	3 Y	⁄ear	5 Y	′ear	10	Year	Since	Inception
Investment Option	Ticker	QTD Return	YTD Return	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	Inception Date
Fidelity® Contrafund®	FCNTX	26.87	9.56	17.91	48	16.42	47	14.05	39	15.57	46	12.66	05/17/1967
Universe: Morningstar Large Growth		27.43	7.85	17.36	1343	15.94	1246	12.79	1093	15.08	816		
Benchmark: Russell 1000 Growth TR USD		27.84	9.81	23.28		18.99		15.89		17.23			
MainStay Winslow Large Cap Growth I	MLAIX	28.27	12.22	21.91	29	20.32	18	15.45	24	16.74	25	9.54	07/03/1995
Universe: Morningstar Large Growth		27.43	7.85	17.36	1343	15.94	1246	12.79	1093	15.08	816		
Benchmark: Russell 1000 Growth TR USD		27.84	9.81	23.28		18.99		15.89		17.23			
JPMorgan Mid Cap Value R6	JMVYX	18.17	-19.45	-13.70	53	-1.23	47	2.45	46	10.27	14	10.80	11/13/1997
Universe: Morningstar Mid-Cap Value		19.39	-19.78	-13.56	420	-1.59	386	2.10	346	8.86	245		
Benchmark: Russell Mid Cap Value TR USD		19.95	-18.09	-11.81		-0.54		3.32		10.29			
Fidelity® Mid Cap Index	FSMDX	24.55	-9.13	-2.28	20	5.78	16	6.75	15	-	-	12.71	09/08/2011
Universe: Morningstar Mid-Cap Blend		22.12	-12.55	-6.20	410	2.41	370	3.86	296	10.02	216		
Benchmark: Russell Mid Cap TR USD		24.61	-9.13	-2.24		5.79		6.76		12.35			
T. Rowe Price Instl Mid-Cap Equity Gr	PMEGX	28.62	-2.42	3.55	76	11.58	60	11.09	35	15.47	17	12.15	07/31/1996
Universe: Morningstar Mid-Cap Growth		30.29	3.66	9.71	601	12.64	557	9.96	499	13.57	381		
Benchmark: Russell Mid Cap Growth TR USD		30.26	4.16	11.91		14.76		11.60		15.09			
American Beacon Small Cap Value R6	AASRX	22.16	-24.75	-18.63	58	-5.35	50	-0.05	44	7.99	29	8.37	12/31/1998
Universe: Morningstar Small Value		22.34	-22.90	-17.27	436	-5.13	412	-0.32	372	7.05	258		
Benchmark: Russell 2000 Value TR USD		18.91	-23.50	-17.48		-4.35		1.26		7.82			
Fidelity® Small Cap Index	FSSNX	25.49	-12.94	-6.46	16	2.15	16	4.47	15	-	-	11.33	09/08/2011
Universe: Morningstar Small Blend		22.95	-16.88	-11.41	669	-0.64	615	2.49	495	9.32	359		
Benchmark: Russell 2000 TR USD		25.42	-12.98	-6.63		2.01		4.29		10.50			
AMG TimesSquare Small Cap Growth N	TSCPX	34.77	0.79	2.67	55	11.08	41	8.35	51	13.45	46	9.21	01/21/2000
Universe: Morningstar Small Growth		32.19	-0.10	4.46	625	10.08	577	8.28	508	12.93	379		
Benchmark: Russell 2000 Growth TR USD		30.58	-3.06	3.48		7.86		6.86		12.92			
Oakmark International Advisor	OAYIX	24.38	-23.00	-15.11	81	-6.40	94	-1.23	66	5.18	12	8.21	09/30/1992
Universe: Morningstar Foreign Large Value		14.61	-16.61	-11.01	330	-3.13	302	-0.67	258	3.75	171		
Benchmark: MSCI EAFE Value NR USD		12.43	-19.27	-14.48		-4.43		-1.59		3.53			



				1)	⁄ear	3 \	⁄ear	5 \	5 Year		Year	Since	Inception
Investment Option	Ticker	QTD Return	YTD Return	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	Inception Date
Vanguard Total Intl Stock Index Admiral	VTIAX	18.11	-10.59	-4.09	41	1.09	35	2.42	29	5.27	57	4.30	04/29/199
Universe: Morningstar Foreign Large Blend		16.24	-10.92	-4.65	762	0.31	651	1.80	522	5.36	369		
Benchmark: FTSE Global All Cap ex US TR USD		17.15	-10.91	-4.16		1.39		2.71		5.60			
American Funds Europacific Growth R6	RERGX	22.77	-4.77	3.17	5	4.76	3	4.90	2	7.48	4	10.42	04/16/1984
Universe: Morningstar Foreign Large Blend		16.24	-10.92	-4.65	762	0.31	651	1.80	522	5.36	369		
Benchmark: MSCI EAFE NR USD		14.88	-11.34	-5.13		0.81		2.05		5.73			
Vanguard International Growth Adm	VWILX	33.01	12.37	24.55	4	14.18	4	11.90	5	11.27	4	10.87	09/30/198
Universe: Morningstar Foreign Large Growth		21.42	-1.60	6.44	477	6.05	421	5.58	344	7.78	249		
Benchmark: MSCI EAFE Growth NR USD		16.95	-3.53	4.15		5.91		5.52		7.78			
Nuveen Real Estate Securities I	FARCX	10.65	-14.83	-9.63	53	1.29	51	4.68	47	9.42	42	10.51	06/30/199
Universe: Morningstar Real Estate		13.66	-16.19	-9.81	253	0.60	225	3.98	199	8.86	140		
Benchmark: DJ US Select REIT TR USD		9.11	-22.01	-17.71		-1.99		2.45		8.27			
American Funds Capital World Gr&Inc R6	RWIGX	18.35	-5.70	2.55	43	5.66	44	6.31	41	9.59	38	10.16	03/26/199
Universe: Morningstar World Large Stock		20.09	-5.23	1.96	864	5.52	763	6.01	630	8.99	371		
Benchmark: MSCI ACWI NR USD		19.22	-6.25	2.11		6.14		6.46		9.16			
Vanguard Target Retirement Income Inv	VTINX	7.84	1.46	5.69	22	5.39	19	4.93	20	5.84	23	5.27	10/27/2003
Universe: Morningstar Target-Date Retirement		8.01	0.23	4.08	180	4.52	156	4.20	133	5.06	96		
Benchmark: S&P Target Date Retirement Income TR USD		8.18	0.95	5.40		5.17		4.70		5.54			
VT Retirement IncomeAdvantage	-	-	-1.19	4.56	60	5.37	21	5.09	8	6.69	3	-	-
Universe: Morningstar Target-Date Retirement		8.01	0.23	4.08	180	4.52	156	4.20	133	5.06	96		
Benchmark: S&P Target Date Retirement Income TR USD		8.18	0.95	5.40		5.17		4.70		5.54			
Vanguard Target Retirement 2015 Inv	VTXVX	8.90	0.79	5.45	27	5.78	26	5.47	29	7.55	35	6.06	10/27/200
Universe: Morningstar Target-Date 2015		10.15	-0.17	4.65	123	5.42	98	5.12	72	7.10	48		
Benchmark: S&P Target Date 2015 TR USD		9.77	-0.29	4.73		5.35		5.30		7.10			
Vanguard Target Retirement 2020 Inv	VTWNX	11.40	-0.58	5.09	23	6.09	17	5.96	10	8.31	14	6.12	06/07/2000
Universe: Morningstar Target-Date 2020		10.22	-0.81	4.07	223	5.26	195	5.03	149	7.14	95		
Benchmark: S&P Target Date 2020 TR USD		10.65	-1.03	4.33		5.45		5.56		7.76			



				1)	⁄ear	3 \	r ear	5 \	⁄ear	10	Year	Since	Inception
Investment Option	Ticker	QTD Return	YTD Return	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	Inception Date
Vanguard Target Retirement 2025 Inv	VTTVX	13.20	-1.46	4.82	24	6.33	22	6.29	14	8.88	17	6.60	10/27/2003
Universe: Morningstar Target-Date 2025		12.01	-1.63	3.95	229	5.59	200	5.46	159	7.98	94		
Benchmark: S&P Target Date 2025 TR USD		12.25	-2.27	3.66		5.57		5.82		8.31			
Vanguard Target Retirement 2030 Inv	VTHRX	14.58	-2.33	4.40	30	6.42	26	6.47	22	9.37	21	6.37	06/07/2006
Universe: Morningstar Target-Date 2030		13.72	-2.51	3.59	238	5.78	209	5.79	164	8.35	103		
Benchmark: S&P Target Date 2030 TR USD		13.94	-3.58	2.92		5.62		6.02		8.78			
Vanguard Target Retirement 2035 Inv	VTTHX	15.90	-3.24	3.94	26	6.45	27	6.62	24	9.84	19	7.10	10/27/2003
Universe: Morningstar Target-Date 2035		15.58	-3.58	3.18	226	5.93	197	6.03	156	8.98	91		
Benchmark: S&P Target Date 2035 TR USD		15.55	-4.90	2.12		5.61		6.17		9.16			
Vanguard Target Retirement 2040 Inv	VFORX	17.29	-4.11	3.46	26	6.50	20	6.76	21	10.08	20	6.70	06/07/2006
Universe: Morningstar Target-Date 2040		16.73	-4.63	2.41	238	5.78	209	6.06	164	9.04	103		
Benchmark: S&P Target Date 2040 TR USD		16.66	-5.78	1.56		5.61		6.28		9.43			
Vanguard Target Retirement 2045 Inv	VTIVX	18.70	-4.90	2.97	38	6.41	25	6.79	22	10.10	19	7.43	10/27/2003
Universe: Morningstar Target-Date 2045		17.83	-5.30	2.10	226	5.82	197	6.16	156	9.32	90		
Benchmark: S&P Target Date 2045 TR USD		17.29	-6.35	1.20		5.56		6.34		9.61			
Vanguard Target Retirement 2050 Inv	VFIFX	18.67	-4.90	3.02	34	6.42	23	6.79	21	10.10	24	6.71	06/07/2006
Universe: Morningstar Target-Date 2050		18.08	-5.62	1.78	238	5.70	209	6.13	164	9.21	83		
Benchmark: S&P Target Date 2050 TR USD		17.61	-6.57	1.05		5.57		6.42		9.75			
Vanguard Target Retirement 2055 Inv	VFFVX	18.64	-4.95	2.95	33	6.40	26	6.77	24	-	-	9.97	08/18/2010
Universe: Morningstar Target-Date 2055		18.42	-5.76	1.80	226	5.77	195	6.19	153	9.37	36		
Benchmark: S&P Target Date 2055 TR USD		17.76	-6.78	0.89		5.54		6.45		9.87			
Vanguard Target Retirement 2060 Inv	VTTSX	18.61	-4.95	2.95	30	6.39	30	6.76	44	-	-	9.12	01/19/2012
Universe: Morningstar Target-Date 2060+		18.53	-6.11	1.61	254	5.83	165	6.41	63	-	0		
Benchmark: S&P Target Date 2055 TR USD		17.76	-6.78	0.89		5.54		6.45		9.87			
Vanguard Target Retirement 2065 Inv	VLXVX	18.59	-5.03	2.84	34	-	-	-	-	-	-	5.74	07/12/2017
Universe: Morningstar Target-Date 2060+		18.53	-6.11	1.61	254	5.83	165	6.41	63	-	0		
Benchmark: S&P Target Date 2055 TR USD		17.76	-6.78	0.89		5.54		6.45		9.87			



Lansing Board of Water & Light 401(a) Plans Cash

Ticker:

Fund

Peers

#Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Money Market - Taxable Benchmark: FTSE Treasury Bill 3 Mon USD

Last Quarter

0.14

0.00

586

Year to Date

0.52

0.25

584

1 Year

1.56

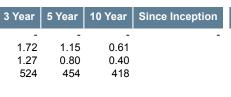
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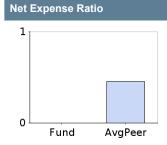
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Fund Inception Date: -

Fund Manager: NA Manager Tenure: -Website: -

Total Fund Assets: -Net Expense Ratio: -Fund Family: -





Criteria	Pass Criteria
Return 1Yr	NE
Return 5Yr	NE
Expense Ratio	NE
Prod Hist	NE
Manager Tenure	NE
AUM	NE
Alpha 5Yr	NE

Returns for Periods Ending 06/30/2020

Returns for Calendar Years

Insufficient data to display graph

Insufficient data to display graph

Cash

FTSE Treasury Bill 3 Mon USD



Lansing Board of Water & Light 401(a) Plans Cash

Portfolio Analysis	Fund	Peer Group
Average Effective Duration	-	-
Average Effective Maturity	-	-
Number of Holdings	-	106

Returns for 12 Quarter Rolling Periods

Insufficient data to display graph

Statistics Relative to FTSE Treasury Bill 3 Mon USD for 5 Years

Alpha Relative to FTSE Treasury Bill 3 Mon USD for 12 Quarter Rolling Periods

Insufficient data to display graph

Insufficient data to display graph

Risk Measures 5 Yr	Fund	Peer Group
Alpha	-	-0.35
Beta	-	1.04
Sharpe Ratio	-	-3.36
Information Ratio	-	-5.51
RSquared	-	73.29
TrackingError	-	0.08

Cash

FTSE Treasury Bill 3 Mon USD



Lansing Board of Water & Light 401(a) Plans Vantagepoint PLUS Fund R10

Ticker:

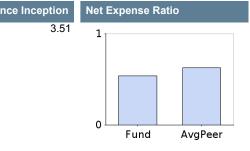
Peer Group/Category: Morningstar US SA Stable Value Benchmark: Blend (50% BofAML US Treasuries 1-3 Yr TR_50% Manager Tenure: 15.75 Years BofAML US Treasury Bill 3 Mon)

Fund Inception Date: 01-02-1991

Fund Manager: Wayne Wicker Website: -

Total Fund Assets: \$9.78 bn Net Expense Ratio: 0.54 Fund Family: ICMA-RC

	Last Quarter	Year to Date	1 Year	3 Year	5 Year	10 Year	Si
Fund	0.56	1.15	2.39	2.32	2.20	2.13	
Benchmark	0.08	1.77	2.84	2.23	1.52	0.98	
Peers	0.45	0.95	2.06	1.94	1.75	1.77	
#Funds	306	305	299	267	248	179	
Rank%	13	15	16	11	8	23	



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** Year to Date Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Quarter Last Year Last 5 Years Last 10 Years Last Year Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 0.56 1.15 2.39 2.32 2.20 2.13 A 2.45 2.27 2.12 1.98 2.03 2.07 1.60 1.90 2.36 2.71 Rank % 13 15 16 11 8 23 Rank % 18 13 5 7 8 6 38 40 42 59 0.08 1.77 2.84 1.52 2.23 0.98 2.92 1.73 0.64 0.61 0.30 0.33 0.22 0.27 0.83 1.23 Rank % 100 20 78 98 Rank % 70 100 100 100 99 100 98 98 100

■ Blend (50% BofAML US Treasuries 1-3 Yr TR 50% BofAML US Treasury Bill 3 Mon)

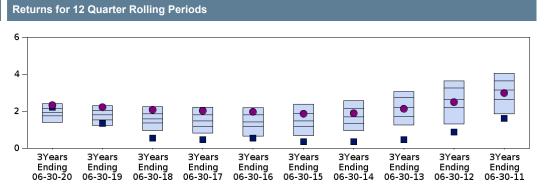
Vantagepoint PLUS Fund R10



Lansing Board of Water & Light 401(a) Plans Vantagepoint PLUS Fund R10

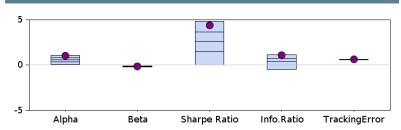
Portfolio Analysis	Fund	Peer Group
Average Effective Duration	2.37	2.97
Average Effective Maturity	4.06	2.83
Number of Holdings	1	583

Credit Quality Rating (%)	Fund	Peer Group
AAA	54.23	56.47
AA	20.13	12.26
A	14.78	15.47
BBB	9.43	12.51
BB	1.43	0.53
В	0.00	0.01
Below B	0.00	0.05
Not Rated	0.00	2.71



		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
ſ	A	2.32	2.21	2.07	2.03	1.96	1.87	1.89	2.12	2.50	2.98
	Rank %	11	8	7	13	17	26	43	52	61	58
	В	2.23	1.34	0.55	0.46	0.54	0.36	0.35	0.46	0.86	1.61
	Rank %	19	91	100	100	98	100	100	100	100	99

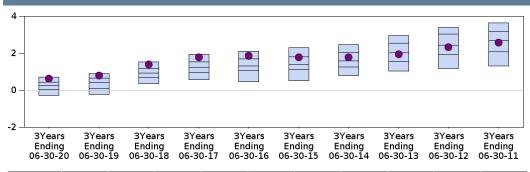
Statistics Relative to Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon) for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	1.04	0.59
Beta	-0.15	-0.14
Sharpe Ratio	4.39	2.54
Information Ratio	1.10	0.37
RSquared	10.87	10.74
TrackingError	0.61	0.61

Vantagepoint PLUS Fund R10

Alpha Relative to Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon) for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	0.61	0.80	1.38	1.77	1.86	1.78	1.78	1.95	2.32	2.57
Rank %	10	8	7	13	17	27	42	52	59	58

■ Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon)



Lansing Board of Water & Light 401(a) Plans PIMCO Total Return A

Ticker: PTTAX

Peer Group/Category: Morningstar Intermediate Core-Plus Fund Manager: Scott Mather

3.79

3.81

5.54

619

87

Last Quarter

Fund

Peers

#Funds

Rank%

Benchmark

Benchmark: BBgBarc US Universal TR USD

Fund Inception Date: 05-11-1987

Manager Tenure: 5.75 Years Website: www.pimco.com

5 Year

4.04

4.42

3.98

455

55

10 Year

3.83

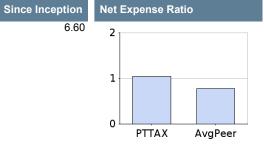
4.12

4.16

333

73

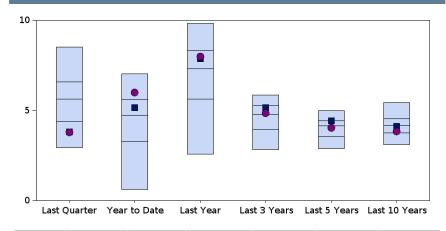
Total Fund Assets: \$67.97 bn Net Expense Ratio: 1.05 Fund Family: PIMCO



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	No
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020

Returns for Calendar Years



Year to Date

5.98

5.17

4.37

615

18

1 Year

7.97

7.88

6.83

601

35

3 Year

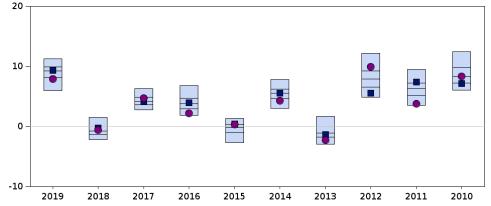
4.85

5.15

4.58

534

46



	QTD	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	3.79	5.98	7.97	4.85	4.04	3.83
Rank %	87	18	35	46	55	73
В	3.81	5.17	7.88	5.15	4.42	4.12
Rank %	87	42	38	29	25	54



PIMCO Total Return A

■ BBgBarc US Universal TR USD





Lansing Board of Water & Light 401(a) Plans PIMCO Total Return A

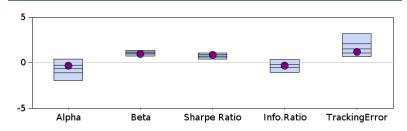
Portfolio Analysis	Fund	Peer Group
Average Effective Duration	6.57	5.64
Average Effective Maturity	8.91	8.17
Number of Holdings	7322	1017

Credit Quality Rating (%)	Fund	Peer Group
AAA	56.00	46.38
AA	7.00	6.19
A	14.00	13.56
BBB	11.00	20.99
BB	4.00	5.67
В	4.00	2.82
Below B	2.00	1.09
Not Rated	-	3.31

Returns for 12 Quarter Rolling Periods 15 10 5 -3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11 06-30-20 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11

A 4.85 2.81 1.72 2.18 3.08 2.05 3.92 4.25 8.23 8.98 Rank % 46 57 68 65 82 81 78 70 67 22 В 5.15 2.84 2.12 2.76 4.20 2.33 4.22 4.09 7.55 6.74 Rank % 29 56 46 35 29 70 71 76 81 69

Statistics Relative to BBgBarc US Universal TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.32	-0.70
Beta	0.99	1.09
Sharpe Ratio	0.87	0.82
Information Ratio	-0.31	-0.28
RSquared	85.87	80.32
TrackingError	1.23	1.75

3Years Ending Ending Ending Ending Ending Ending Ending Ending Ending 06-30-19 06-30-18 06-30-Ĭ7 06-30-16 06-30-**Ĭ**5 06-30-14 06-30-13 06-30-12 06-30-11 06-30-20

Alpha Relative to BBgBarc US Universal TR USD for 12 Quarter Rolling Periods

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	-0.26	0.01	-0.35	-0.69	-1.46	-0.77	-1.15	-0.49	0.07	2.91	
Rank %	25	60	70	83	96	91	95	87	83	13	

PIMCO Total Return A

BBgBarc US Universal TR USD



Lansing Board of Water & Light 401(a) Plans Fidelity® US Bond Index

Ticker: FXNAX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Intermediate Core Bond Fund Manager: Brandon Bettencourt Benchmark: BBgBarc US Agg Bond TR USD

Last Quarter

2.77

2.90

3.87

432

78

Year to Date

6.53

6.14

5.54

428

17

1 Year

9.01

8.74

7.88

421

19

Fund Inception Date: 05-04-2011

Manager Tenure: 6.08 Years

5 Year

4.32

4.30

3.90

331

22

3 Year

5.38

5.32

4.83

380

19

Website: www.institutional.fidelity.com

3.79

3.82

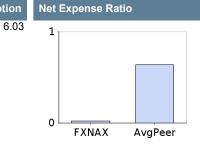
3.65

249

46

10 Year | Since Inception

Total Fund Assets: \$51.80 bn Net Expense Ratio: 0.02 Fund Family: Fidelity Investments



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 15 15 10 10 5 . 0 -• Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2016 2015 2014 2013 2012 2010 A 2.77 6.53 9.01 5.38 4.32 3.79 A 8.48 0.01 3.50 2.52 0.63 5.99 -2.19 4.23 7.79 6.29 78 17 19 19 22 32 73 70 Rank % 46 Rank % 51 42 53 28 29 61 13 ■ B 2.90 6.14 8.74 5.32 4.30 -2.02 4.21 6.54 3.82 B 8.72 0.01 3.54 2.65 0.55 5.97 7.84 Rank % 72 38 30 22 Rank % 34 32 39 42 37 30 49 73 11 59 Fidelity® US Bond Index BBgBarc US Agg Bond TR USD



Lansing Board of Water & Light 401(a) Plans Fidelity® US Bond Index

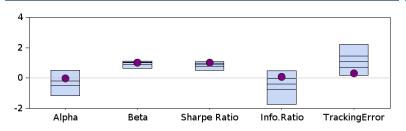
Portfolio Analysis	Fund	Peer Group
Average Effective Duration	5.45	5.41
Average Effective Maturity	-	8.07
Number of Holdings	2192	1438

Credit Quality Rating (%)	Fund	Peer Group
AAA	73.63	60.05
AA	4.12	6.20
A	12.13	14.44
BBB	9.94	16.71
BB	0.14	1.20
В	0.00	0.22
Below B	0.00	0.08
Not Rated	0.04	1.09

Returns for 12 Quarter Rolling Periods 15 10 -5 -3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years Ending Ending **Ending** Ending Ending Ending Ending Ending Ending Ending 06-30-20 06-30-19 06-30-Ĭ8 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11 06-30-17

- 1		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
	A	5.38	2.20	1.66	2.45	4.10	1.74	3.64	3.40	6.83	6.09
	Rank %	20	53	35	31	18	59	54	59	65	76
	В	5.32	2.31	1.72	2.48	4.06	1.83	3.66	3.51	6.93	6.46
	Rank %	23	39	29	26	22	53	52	56	62	64

Statistics Relative to BBgBarc US Agg Bond TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.02	-0.27
Beta	1.01	0.96
Sharpe Ratio	1.00	0.90
Information Ratio	0.06	-0.51
RSquared	99.13	87.27
TrackingError	0.29	1.11

Alpha Relative to BBgBarc US Agg Bond TR USD for 12 Quarter Rolling Periods

3Years Ending Ending Ending Ending Ending Ending Ending Ending Ending 06-30-19 06-30-18 06-30-Ĭ7 06-30-16 06-30-**Ĭ**5 06-30-14 06-30-13 06-30-12 06-30-Ĭ1 06-30-20

		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
ĺ	A	0.07	-0.13	-0.10	-0.15	-0.24	-0.17	-0.15	-0.16	-0.23	0.05
	Rank %	16	61	47	55	61	68	70	72	77	67

Fidelity® US Bond Index

BBgBarc US Agg Bond TR USD





Lansing Board of Water & Light 401(a) Plans PIMCO Real Return Instl

Ticker: PRRIX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Inflation-Protected Bond Benchmark: BBgBarc Gbl Infl Linked US TIPS TR USD

Last Quarter

5.38

4.24

4.88

213

26

Year to Date

6.20

6.01

4.70

212

18

1 Year

8.38

8.28

6.78

212

15

3 Year

4.94

5.05

4.27

196

25

Fund Inception Date: 01-29-1997

Fund Manager: Stephen Rodosky Manager Tenure: 1.41 Years Website: www.pimco.com

5 Year

3.73

3.75

3.09

170

18

10 Year

3.49

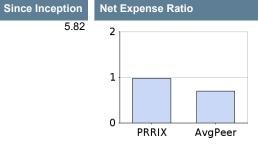
3.52

2.90

115

10

Total Fund Assets: \$9.09 bn Net Expense Ratio: 0.98 Fund Family: PIMCO



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	No
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 15 40 10 20 5 0 -20 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2016 2015 2014 2013 2012 2011 2010 A 5.38 6.20 8.38 4.94 3.73 3.49 A 8.52 -1.97 3.92 5.04 -2.75 3.42 -9.05 9.25 11.57 7.81 18 15 25 18 77 27 11 Rank % 26 10 Rank % 20 70 11 17 74 8 61 В 4.24 6.01 8.28 5.05 3.75 В 8.43 -1.44 3.64 3.52 -1.26 3.01 4.68 -8.61 6.98 13.56 6.31 Rank % 28 22 18 17 10 Rank % 24 38 31 27 37 15 51 24 14 31

BBgBarc Gbl Infl Linked US TIPS TR USD

PIMCO Real Return Instl



Lansing Board of Water & Light 401(a) Plans PIMCO Real Return Instl

Portfolio Analysis	Fund	Peer Group
Average Effective Duration	8.32	6.19
Average Effective Maturity	8.60	7.56
Number of Holdings	916	272

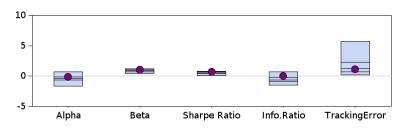
Credit Quality Rating (%)	Fund	Peer Group
AAA	92.00	86.17
AA	1.00	2.03
A	1.00	3.59
BBB	2.00	5.33
BB	1.00	1.63
В	1.00	0.72
Below B	2.00	0.21
Not Rated	-	0.30

Returns for 12 Quarter Rolling Periods 20 10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	4.94	2.36	1.97	0.25	1.86	-0.91	3.91	4.68	10.99	6.46
Rank %	25	17	13	41	34	48	6	12	8	8
В	5.05	2.08	1.93	0.63	2.31	-0.76	3.55	4.63	9.63	5.28
Rank %	18	29	18	13	16	33	19	14	31	21

Alpha Relative to BBgBarc Gbl Infl Linked US TIPS TR USD for 12 Quarter Rolling Periods

Statistics Relative to BBgBarc Gbl Infl Linked US TIPS TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.11	-0.47
Beta	1.04	0.94
Sharpe Ratio	0.67	0.58
Information Ratio	-0.02	-0.59
RSquared	91.95	81.01
TrackingError	1.09	1.85

PIMCO Real Return Instl

-2 3Years Ending 06-30-19 06-30-18 06-30-Ĭ7 06-30-16 06-30-**Ĭ**5 06-30-14 06-30-13 06-30-12 06-30-Ĭ1 06-30-20

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	-0.12	0.27	-0.04	-0.41	-0.76	-0.00	0.10	-0.21	1.17	0.66
Rank %	32	15	26	48	70	13	17	48	9	12

BBgBarc Gbl Infl Linked US TIPS TR USD



Lansing Board of Water & Light 401(a) Plans PIMCO Income Instl

Ticker: PIMIX

Fund

Peers

#Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Multisector Bond Benchmark: BBgBarc Global Aggregate TR USD

Last Quarter

6.48

3.32

7.78

337

68

Fund Inception Date: 03-30-2007

Fund Manager: Daniel Ivascyn Manager Tenure: 13.25 Years Website: www.pimco.com

5 Year

4.69

3.56

3.30

235

6

10 Year

7.51

2.81

4.44

128

3 Year

3.32

3.79

2.63

283

34

1 Year

0.69

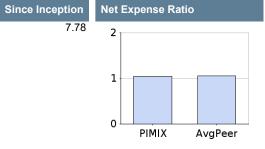
4.22

0.69

321

56

Total Fund Assets: \$116.85 bn Net Expense Ratio: 1.05 Fund Family: PIMCO



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020

20 10 0 -10 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years

Year to Date

-1.68

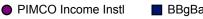
2.98

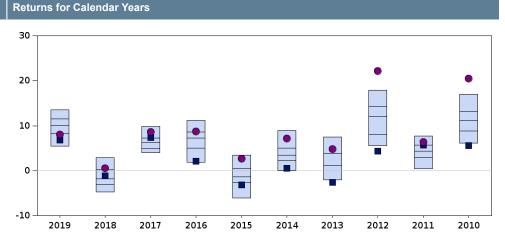
-2.04

336

55

	QTD	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	6.48	-1.68	0.69	3.32	4.69	7.51
Rank %	68	55	56	34	6	1
■ B	3.32	2.98	4.22	3.79	3.56	2.81
Rank %	89	11	17	25	44	93





	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
A	8.05	0.58	8.60	8.72	2.64	7.18	4.80	22.17	6.37	20.46
Rank %	78	20	13	24	8	10	18	1	18	1
В	6.84	-1.20	7.39	2.09	-3.15	0.59	-2.60	4.32	5.64	5.54
Rank %	89	39	24	94	84	94	100	98	27	96

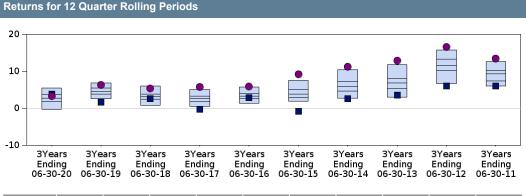
BBgBarc Global Aggregate TR USD



Lansing Board of Water & Light 401(a) Plans PIMCO Income Instl

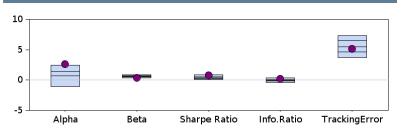
Portfolio Analysis	Fund	Peer Group
Average Effective Duration	0.77	4.31
Average Effective Maturity	3.45	8.07
Number of Holdings	7819	778

Credit Quality Rating (%)	Fund	Peer Group
AAA	41.00	22.71
AA	6.00	4.74
A	8.00	9.46
BBB	14.00	21.34
BB	9.00	17.92
В	10.00	13.89
Below B	11.00	4.50
Not Rated	-	5.45



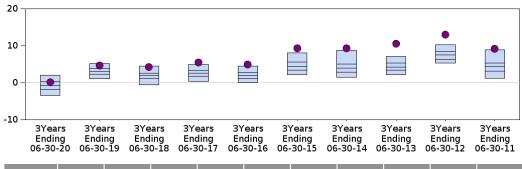
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	3.32	6.31	5.33	5.74	5.82	9.15	11.17	12.89	16.51	13.37
Rank %	34	9	7	1	4	1	2	1	4	1
В	3.79	1.62	2.58	-0.35	2.80	-0.81	2.57	3.55	6.03	6.04
Rank %	24	99	70	98	69	100	97	93	99	94

Statistics Relative to BBgBarc Global Aggregate TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	2.58	0.76
Beta	0.39	0.63
Sharpe Ratio	0.76	0.42
Information Ratio	0.22	-0.04
RSquared	14.31	24.77
TrackingError	5.13	5.70

Alpha Relative to BBgBarc Global Aggregate TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	0.19	4.71	4.28	5.45	4.89	9.27	9.30	10.51	12.96	9.16
Rank %	26	9	7	1	3	1	2	1	1	2

PIMCO Income Instl

BBgBarc Global Aggregate TR USD





Lansing Board of Water & Light 401(a) Plans Fidelity® Balanced

Ticker: FBALX

Peer Group/Category: Morningstar Allocation--50% to 70% Fund Manager: Steven Kaye Manager Tenure: 11.75 Years

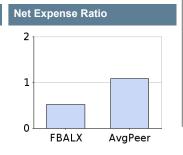
Benchmark: Blend (60% S&P 500 TR 40% BC Agg Bond TR Website: www.institutional.fidelity.com

USD)

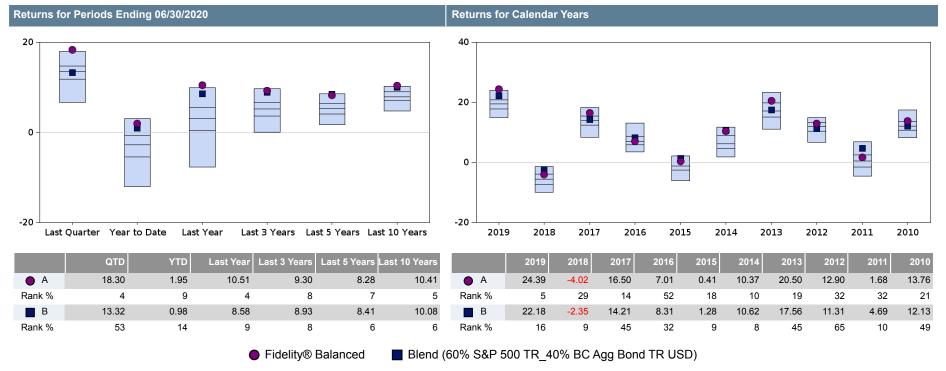
Fund Inception Date: 11-06-1986

	Last Quarter	Year to Date	1 Year	3 Year	5 Year	10 Year	Since Inception
Fund	18.30	1.95	10.51	9.30	8.28	10.41	9.22
Benchmark	13.32	0.98	8.58	8.93	8.41	10.08	
Peers	13.05	-3.58	2.30	5.04	5.22	7.88	
#Funds	698	696	684	636	559	412	
Rank%	4	9	4	8	7	5	

Total Fund Assets: \$34.46 bn Net Expense Ratio: 0.53 Fund Family: Fidelity Investments



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes





Lansing Board of Water & Light 401(a) Plans Fidelity® Balanced

Returns for 12 Quarter Rolling Periods

8.93

9.51

17

7.88

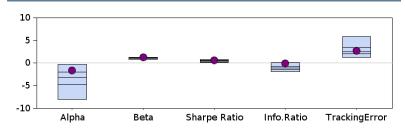
9

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	73,650.22	64,710.94
Price/Earning Ratio	19.60	17.65
Number of Holdings	2070.00	515.00

Sector Weightings (%)	Fund	Peer Group
Technology	24.59	17.65
Communication Services	10.77	8.76
Consumer Cyclical	9.84	9.37
Consumer Defensive	7.04	7.91
Industrials	8.17	9.81
Basic Materials	2.16	3.48
Financial Services	12.84	14.88
Real Estate	3.12	4.92
Healthcare	14.35	14.95
Energy	3.79	4.03
Utilities	3.34	4.24

20 10 3Years Ending 06-30-Ž0 06-30-19 06-30-18 06-30-16 06-30-15 06-30-13 06-30-12 06-30-11 06-30-17 06-30-14 06-30-20 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11 A 9.30 10.27 8.10 6.64 8.55 12.76 12.02 12.41 13.49 3.81 Rank % 9 10 10 14 26 14 68 8

Statistics Relative to Blend (60% S&P 500 TR_40% BC Agg Bond TR USD) for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-1.64	-3.53
Beta	1.24	1.09
Sharpe Ratio	0.66	0.45
Information Ratio	-0.05	-1.08
RSquared	97.61	91.64
TrackingError	2.75	3.08

Alpha Relative to Blend (60% S&P 500 TR_40% BC Agg Bond TR USD) for 12 Quarter Rolling Periods

8.73

10.98

36

11.48

21

12.53

25

12.90

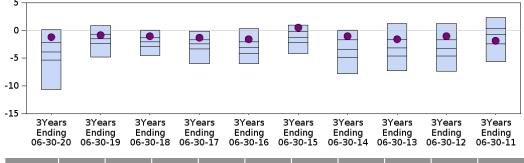
20

5.11

39

6.85

7



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
• A	-1.17	-0.83	-1.03	-1.28	-1.59	0.52	-1.06	-1.56	-1.06	-1.87	
Rank %	14	30	19	18	19	12	19	25	18	69	

Fidelity® Balanced ■ Blend (60% S&P 500 TR_40% BC Agg Bond TR USD)

В

Rank %



Lansing Board of Water & Light 401(a) Plans JHancock Disciplined Value R6

Ticker: JDVWX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Large Value Benchmark: Russell 1000 Value TR USD

Last Quarter

16.70

14.29

15.67

1228

35

Year to Date

-17.57

-16.26

-15.18

1223

74

1 Year

-10.07

-8.84

-7.59

1194

70

Fund Inception Date: 01-02-1997

Fund Manager: Mark Donovan Manager Tenure: 23.41 Years Website: www.jhfunds.com

3 Year 5 Year

3.48

4.64

4.45

971

69

0.87

1.82

2.21

1110

69

10 Year

10.03

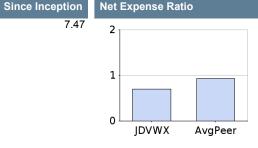
10.41

9.75

709

46

Total Fund Assets: \$11.80 bn Net Expense Ratio: 0.70 Fund Family: John Hancock



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	No
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	No

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 8 20 8 -8 0 • 0 -20 -40 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 16.70 -17.57 -10.07 0.87 3.48 10.03 A 22.79 -9.47 19.33 14.07 -4.81 11.04 35.97 20.08 0.32 13.12 35 74 70 69 74 55 65 Rank % 69 46 Rank % 79 64 19 60 17 6 49 ■ B 14.29 -16.26 -8.84 1.82 4.64 В 10.41 26.54 -8.27 13.66 17.34 -3.83 13.45 32.53 17.51 0.39 15.51 Rank % 66 62 56 35 Rank % 37 46 80 26 17 42 19 49 32 61 JHancock Disciplined Value R6 Russell 1000 Value TR USD



Lansing Board of Water & Light 401(a) Plans JHancock Disciplined Value R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	60,138.05	61,421.44
Price/Earning Ratio	12.58	14.99
Number of Holdings	104.00	126.00

Sector Weightings (%)	Fund	Peer Group
Technology	11.82	11.88
Communication Services	5.95	7.23
Consumer Cyclical	6.54	6.63
Consumer Defensive	2.07	9.84
Industrials	12.08	10.53
Basic Materials	8.59	3.41
Financial Services	27.02	19.65
Real Estate	0.00	3.14
Healthcare	20.19	16.45
Energy	3.90	5.72
Utilities	1.84	5.52

Returns for 12 Quarter Rolling Periods 30 20 10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-13 06-30-12 06-30-11 06-30-14 06-30-15 06-30-20 06-30-18 06-30-17 06-30-16 06-30-14 06-30-11 A 0.87 11.09 8.20 6.93 7.43 18.19 17.26 19.39 14.91 5.86 Rank % 69 33 57 50 74 18 15 16 49 21 В 1.82 10.19 8.26 7.36 9.87 17.34 16.92 18.51 15.80 2.28

24

31

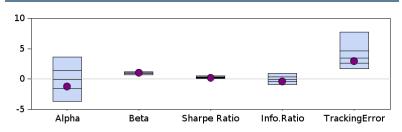
20

30

31

70

Statistics Relative to Russell 1000 Value TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-1.20	-0.06
Beta	1.06	0.98
Sharpe Ratio	0.22	0.28
Information Ratio	-0.39	-0.05
RSquared	97.24	93.66
TrackingError	2.98	4.04

0 -5 -10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-12 06-30-11 06-30-13

37

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-0.81	0.36	-0.51	-0.99	-2.53	0.69	-0.36	-0.21	-1.09	3.43
Rank %	68	46	69	66	77	26	46	44	56	22

JHancock Disciplined Value R6

Russell 1000 Value TR USD

Rank %

56

57

55

Alpha Relative to Russell 1000 Value TR USD for 12 Quarter Rolling Periods



Lansing Board of Water & Light 401(a) Plans Fidelity® 500 Index

Ticker: FXAIX

Peer Group/Category: Morningstar Large Blend

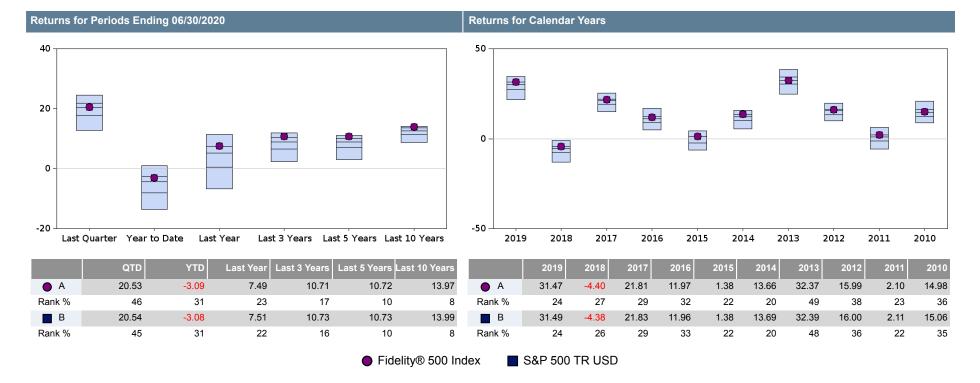
Benchmark: S&P 500 TR USD Fund Inception Date: 05-04-2011

Fund Manager: Louis Bottari Manager Tenure: 11.41 Years Website: www.institutional.fidelity.com Total Fund Assets: \$229.01 bn Net Expense Ratio: 0.02 Fund Family: Fidelity Investments

Net Expense Ratio **FXAIX** AvgPeer

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Last Quarter Year to Date 3 Year 5 Year 10 Year Since Inception 1 Year 20.53 -3.09 7.49 10.71 10.72 13.97 10.12 Fund 20.54 -3.087.51 10.73 10.73 13.99 Benchmark 19.61 -5.45 3.76 8.15 8.34 12.22 Peers #Funds 1436 1413 1378 1229 1057 804 31 23 17 10 8 Rank% 46





Lansing Board of Water & Light 401(a) Plans Fidelity® 500 Index

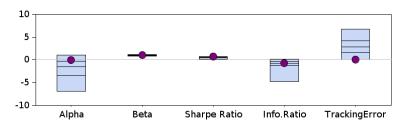
Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	131,432.33	96,686.59
Price/Earning Ratio	22.28	19.71
Number of Holdings	507.00	288.00

Sector Weightings (%)	Fund	Peer Group
Technology	22.64	20.82
Communication Services	10.97	10.07
Consumer Cyclical	10.29	10.28
Consumer Defensive	7.55	8.39
Industrials	8.42	9.39
Basic Materials	2.20	2.60
Financial Services	13.58	14.46
Real Estate	2.84	2.87
Healthcare	15.36	15.66
Energy	2.92	2.68
Utilities	3.24	2.78

Returns for 12 Quarter Rolling Periods 30 20 10 0 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11

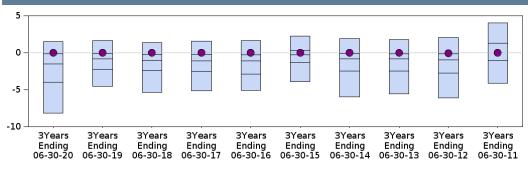
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	10.71	14.17	11.92	9.61	11.65	17.30	16.57	18.42	16.34	3.31
Rank %	17	19	12	15	13	42	25	26	21	49
■ B	10.73	14.19	11.93	9.61	11.66	17.31	16.58	18.45	16.40	3.34
Rank %	16	18	12	14	13	41	24	24	19	48

Statistics Relative to S&P 500 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.01	-2.12
Beta	1.00	1.00
Sharpe Ratio	0.68	0.55
Information Ratio	-0.77	-1.28
RSquared	100.00	94.75
TrackingError	0.02	3.19

Alpha Relative to S&P 500 TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	-0.01	-0.01	-0.01	-0.00	-0.00	0.01	-0.02	-0.03	-0.05	-0.03	
Rank %	20	22	18	18	17	37	23	22	20	51	

Fidelity® 500 Index

■ S&P 500 TR USD



Lansing Board of Water & Light 401(a) Plans Fidelity® Contrafund®

Ticker: FCNTX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Large Growth Benchmark: Russell 1000 Growth TR USD

Last Quarter

26.87

27.84

27.43

1372

48

Year to Date

9.56

9.81

7.85

1363

41

Fund Inception Date: 05-17-1967

Fund Manager: William Danoff Manager Tenure: 29.75 Years

5 Year

14.05

15.89

12.79

1093

39

15.57

17.23

15.08

816

46

3 Year

16.42

18.99

15.94

1246

47

1 Year

17.91

23.28

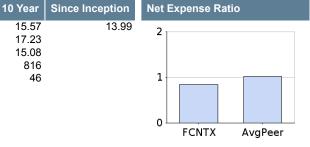
17.36

1343

48

Website: www.institutional.fidelity.com

Total Fund Assets: \$121.37 bn Net Expense Ratio: 0.85 Fund Family: Fidelity Investments



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 0 20 0 • 0 -20 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 26.87 9.56 17.91 16.42 14.05 15.57 A 29.98 -2.13 32.21 3.36 6.46 9.56 34.15 16.26 -0.1416.93 48 48 47 39 50 22 62 54 Rank % 41 46 Rank % 71 54 29 43 41 42 ■ B 27.84 9.81 23.28 18.99 15.89 В 33.48 17.23 36.39 -1.51 30.21 7.08 5.67 13.05 15.26 2.64 16.71 Rank % 38 39 22 27 18 Rank % 17 43 24 37 27 61 54 17 Fidelity® Contrafund® Russell 1000 Growth TR USD



Lansing Board of Water & Light 401(a) Plans Fidelity® Contrafund®

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	205,750.96	117,696.20
Price/Earning Ratio	31.84	27.26
Number of Holdings	310.00	105.00

Sector Weightings (%)	Fund	Peer Group
Technology	27.26	29.42
Communication Services	19.07	12.92
Consumer Cyclical	12.84	14.19
Consumer Defensive	3.27	4.27
Industrials	2.03	6.71
Basic Materials	2.39	1.58
Financial Services	15.92	11.51
Real Estate	0.90	2.31
Healthcare	15.88	15.79
Energy	0.41	0.65
Utilities	0.04	0.64

Returns for 12 Quarter Rolling Periods 30 20 10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11 06-30-15 06-30-20 06-30-18 06-30-17 06-30-16 06-30-14 06-30-11 A 16.42 17.81 14.89 10.49 11.53 17.42 15.92 16.69 16.56 2.57 Rank % 47 39 22 30 43 60 37 59 38 73 В 18.99 18.07 14.98 11.11 13.07 17.99 16.26 18.68 17.50 5.01

16

47

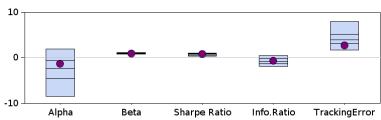
29

23

25

38

Statistics Relative to Russell 1000 Growth TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-1.33	-2.70
Beta	0.98	1.00
Sharpe Ratio	0.85	0.78
Information Ratio	-0.68	-0.81
RSquared	96.94	92.16
TrackingError	2.72	4.50

-10 -20 3Years Ending 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-11 06-30-20 06-30-12

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-2.17	-0.25	0.25	0.52	-0.55	-0.02	0.02	-0.16	0.90	-1.99
Rank %	50	45	12	13	20	45	20	20	11	70

Fidelity® Contrafund®

Russell 1000 Growth TR USD

Rank %

27

34

20

Alpha Relative to Russell 1000 Growth TR USD for 12 Quarter Rolling Periods

20



Lansing Board of Water & Light 401(a) Plans MainStay Winslow Large Cap Growth I

Ticker: MLAIX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Large Growth Benchmark: Russell 1000 Growth TR USD

Last Quarter

28.27

27.84

27.43

1372

34

Year to Date

12.22

9.81

7.85

1363

24

1 Year

21.91

23.28

17.36

1343

29

Fund Inception Date: 07-03-1995

Fund Manager: Justin Kelly Manager Tenure: 14.66 Years

Website: www.mainstayinvestments.com

10 Year

16.74

17.23

15.08

816

25

Since Inception

5 Year

15.45

15.89

12.79

1093

24

3 Year

20.32

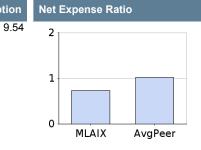
18.99

15.94

1246

18

Total Fund Assets: \$13.01 bn Net Expense Ratio: 0.74 Fund Family: MainStay



Russell 1000 Growth TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 -8 8 20 0 0 -20 -50 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last 5 Years Last 10 Years Last Year Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 28.27 12.22 21.91 20.32 15.45 16.74 A 33.67 3.74 32.39 -2.28 6.17 10.54 36.94 13.21 -0.1915.65 34 24 29 18 24 Rank % 25 Rank % 36 8 20 91 33 53 27 78 41 55 ■ B 27.84 9.81 23.28 18.99 15.89 В 17.23 36.39 -1.51 30.21 7.08 5.67 13.05 33.48 15.26 2.64 16.71 Rank % 39 22 19 18 Rank % 17 43 33 24 37 27 61 54 17

MainStay Winslow Large Cap Growth I



Lansing Board of Water & Light 401(a) Plans MainStay Winslow Large Cap Growth I

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	216,680.95	117,696.20
Price/Earning Ratio	35.41	27.26
Number of Holdings	47.00	105.00

Sector Weightings (%)	Fund	Peer Group
Technology	33.82	29.42
Communication Services	11.68	12.92
Consumer Cyclical	18.17	14.19
Consumer Defensive	0.00	4.27
Industrials	2.16	6.71
Basic Materials	2.04	1.58
Financial Services	12.73	11.51
Real Estate	4.08	2.31
Healthcare	15.33	15.79
Energy	0.00	0.65
Utilities	0.00	0.64

Returns for 12 Quarter Rolling Periods 30 20 10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-13 06-30-12 06-30-11 06-30-14 06-30-15 06-30-13 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-14 06-30-11 A 20.32 20.02 14.57 9.55 11.36 18.13 14.05 17.33 15.51 4.43 Rank % 18 18 27 46 46 45 68 48 52 45 В 18.99 18.07 14.98 11.11 13.07 17.99 16.26 18.68 17.50 5.01 Rank %

16

47

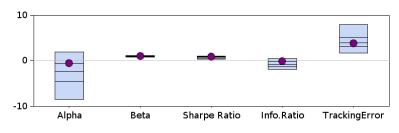
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23

25

38

Statistics Relative to Russell 1000 Growth TR USD for 5 Years

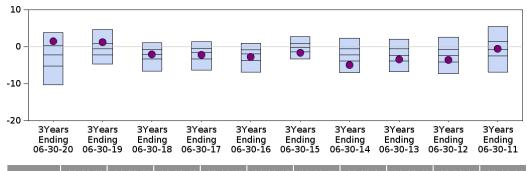


Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.52	-2.70
Beta	1.02	1.00
Sharpe Ratio	0.89	0.78
Information Ratio	-0.11	-0.81
RSquared	94.34	92.16
TrackingError	3.88	4.50

Alpha Relative to Russell 1000 Growth TR USD for 12 Quarter Rolling Periods

20

20



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	1.43	1.23	-2.04	-2.19	-2.75	-1.58	-4.94	-3.45	-3.62	-0.51	
Rank %	16	22	51	61	65	78	85	70	67	44	

MainStay Winslow Large Cap Growth I

27

34

Russell 1000 Growth TR USD



Lansing Board of Water & Light 401(a) Plans JPMorgan Mid Cap Value R6

Ticker: JMVYX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Mid-Cap Value Benchmark: Russell Mid Cap Value TR USD

Last Quarter

18.17

19.95

19.39

428

67

Year to Date

-19.45

-18.09

-19.78

425

45

1 Year

-13.70

-11.81

-13.56

420

53

Fund Inception Date: 11-13-1997

Fund Manager: Jonathan Simon Manager Tenure: 22.58 Years Website: www.jpmorganfunds.com

3 Year

-1.23

-0.54

-1.59

386

47

5 Year

2.45

3.32

2.10

346

46

10 Year

10.27

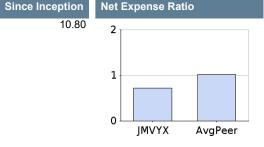
10.29

8.86

245

14

Total Fund Assets: \$12.73 bn Net Expense Ratio: 0.73 Fund Family: JPMorgan



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 50 50 ---50 -50 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year 2019 Last 5 Years Last 10 Years Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 18.17 -19.45 -13.70 -1.23 2.45 10.27 A 26.67 -11.66 13.68 14.61 -2.35 15.14 31.99 20.48 2.42 23.34 67 45 53 47 30 Rank % 46 Rank % 45 31 52 80 24 11 76 12 14 4 ■ B 19.95 -18.09 -11.81 -0.54 3.32 В 10.29 27.06 -12.2913.34 20.00 -4.78 14.75 33.46 18.51 -1.38 24.75 Rank % 29 13 Rank % 37 41 58 46 53 14 62 31 32 17 JPMorgan Mid Cap Value R6 Russell Mid Cap Value TR USD



Lansing Board of Water & Light 401(a) Plans JPMorgan Mid Cap Value R6

В

Rank %

-0.54

34

8.95

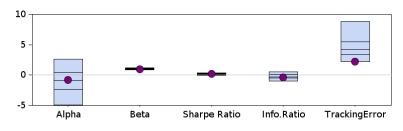
56

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	12,707.97	9,567.70
Price/Earning Ratio	15.19	13.67
Number of Holdings	109.00	130.00

Sector Weightings (%)	Fund	Peer Group
Technology	7.42	10.61
Communication Services	3.88	3.51
Consumer Cyclical	13.20	11.52
Consumer Defensive	4.80	6.52
Industrials	10.65	14.27
Basic Materials	2.32	5.42
Financial Services	20.98	18.92
Real Estate	12.31	8.27
Healthcare	8.56	9.71
Energy	6.05	4.08
Utilities	9.83	7.18

Returns for 12 Quarter Rolling Periods 30 20 10 -3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11 06-30-20 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11 A -1.23 8.51 7.71 8.21 11.11 18.98 17.96 20.68 20.36 7.37 Rank % 48 67 60 21 15 37 12 10 42 8

Statistics Relative to Russell Mid Cap Value TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.81	-1.09
Beta	0.97	1.02
Sharpe Ratio	0.16	0.15
Information Ratio	-0.40	-0.26
RSquared	98.54	94.36
TrackingError	2.21	4.75

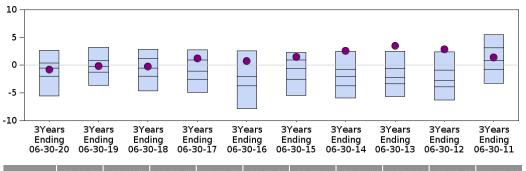
Alpha Relative to Russell Mid Cap Value TR USD for 12 Quarter Rolling Periods

7.46

36

8.80

43



11.00

18

19.13

34

17.56

18

19.53

20

19.92

14

6.35

63

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-0.76	-0.13	-0.23	1.22	0.73	1.53	2.60	3.48	2.89	1.44
Rank %	57	48	45	21	14	17	3	2	2	41

JPMorgan Mid Cap Value R6

Russell Mid Cap Value TR USD



Lansing Board of Water & Light 401(a) Plans Fidelity® Mid Cap Index

Ticker: FSMDX

Fund

Peers

#Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Mid-Cap Blend Benchmark: Russell Mid Cap TR USD

Last Quarter

24.55

24.61

22.12

425

29

Year to Date

-9.13

-9.13

423

20

-12.55

Fund Inception Date: 09-08-2011

Fund Manager: Louis Bottari Manager Tenure: 8.75 Years

3 Year

5.78

5.79

2.41

370

16

1 Year

-2.28

-2.24

-6.20

410

20

Website: www.institutional.fidelity.com

5 Year

6.75

6.76

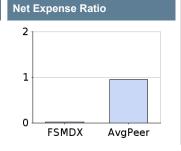
3.86

296

Fidelity® Mid Cap Index

15

Total Fund Assets: \$13.08 bn Net Expense Ratio: 0.02 Fund Family: Fidelity Investments



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 50 50 -50 -50 Year to Date Last Year Last 3 Years Last 5 Years 2019 2018 2017 2016 2015 2014 2013 2012 Last Quarter Last Year Last 3 Years Last 5 Years 2019 2018 2016 2015 2014 2013 YTD 2012 17.22 A 24.55 -9.13 -2.28 5.78 6.75 A 30.51 -9.05 18.47 13.86 -2.44 13.11 34.78 29 20 20 Rank % 20 32 26 65 37 13 48 51 Rank % 16 15 24.61 -9.13 -2.24 5.79 30.54 -9.06 18.52 13.80 -2.44 13.22 34.76 17.28 ■ B 6.76 В Rank % 27 20 14 Rank % 19 25 65 37 12 50 49

10 Year | Since Inception

12.35

10.02

216

12.71

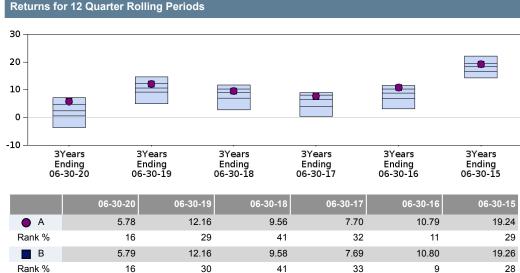
Russell Mid Cap TR USD



Lansing Board of Water & Light 401(a) Plans Fidelity® Mid Cap Index

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	13,699.90	9,922.24
Price/Earning Ratio	19.41	16.65
Number of Holdings	805.00	259.00

Sector Weightings (%)	Fund	Peer Group
Technology	19.83	16.95
Communication Services	4.60	4.95
Consumer Cyclical	11.20	12.57
Consumer Defensive	5.60	5.02
Industrials	13.67	15.44
Basic Materials	3.83	4.45
Financial Services	10.56	14.03
Real Estate	9.01	7.14
Healthcare	12.44	12.46
Energy	2.63	2.21
Utilities	6.63	4.77



10 -10 Alpha Beta TrackingError Sharpe Ratio Info. Ratio

Statistics Relative to Russell Mid Cap TR USD for 5 Years

Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.00	-2.65
Beta	1.00	1.00
Sharpe Ratio	0.40	0.26
Information Ratio	-0.08	-0.69
RSquared	100.00	93.09
TrackingError	0.08	4.72

Alpha Relative to Russell Mid Cap TR USD for 12 Quarter Rolling Periods 0 -5 -10 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 Ending 06-30-19 Ending 06-30-18 Ending 06-30-17 Ending 06-30-16 Ending 06-30-15 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 0.01 0.01 0.03 0.01 0.00 A -0.01

37

30

17

29

Fidelity® Mid Cap Index Russell Mid Cap TR USD

17

Rank %



Lansing Board of Water & Light 401(a) Plans T. Rowe Price Instl Mid-Cap Equity Gr

Ticker: PMEGX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Mid-Cap Growth Benchmark: Russell Mid Cap Growth TR USD

Last Quarter

28.62

30.26

30.29

614

55

Year to Date

-2.42

4.16

3.66

608

74

1 Year

3.55

11.91

9.71

601

76

Fund Inception Date: 07-31-1996

Fund Manager: Brian Berghuis Manager Tenure: 23.92 Years Website: www.troweprice.com

3 Year

11.58

14.76

12.64

557

60

5 Year

11.09

11.60

9.96

499

35

10 Year

15.47

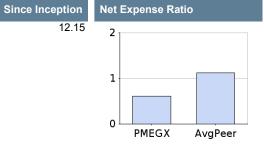
15.09

13.57

381

17

Total Fund Assets: \$6.98 bn Net Expense Ratio: 0.61 Fund Family: T. Rowe Price



Russell Mid Cap Growth TR USD

Criteria	Pass Criteria
Return 1Yr	No
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 50 50 8 8 0 -50 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years 2013 QTD YTD Last Year 2019 2018 2017 2016 2015 2014 2012 2011 2010 A 28.62 -2.42 3.55 11.58 11.09 15.47 A 33.09 -2.2326.02 6.94 6.94 13.79 37.89 14.50 -1.2829.24 55 74 76 60 35 22 19 Rank % 17 Rank % 47 36 3 27 58 39 44 4 ■ B 30.26 4.16 11.91 14.76 11.60 В 15.09 35.47 -4.75 25.27 7.33 -0.20 11.90 35.74 15.81 -1.65 26.38 Rank % 45 38 31 27 23 Rank % 31 40 41 37 50 13 49 41 43 43

T. Rowe Price Instl Mid-Cap Equity Gr



Lansing Board of Water & Light 401(a) Plans T. Rowe Price Instl Mid-Cap Equity Gr

В

Rank %

14.76

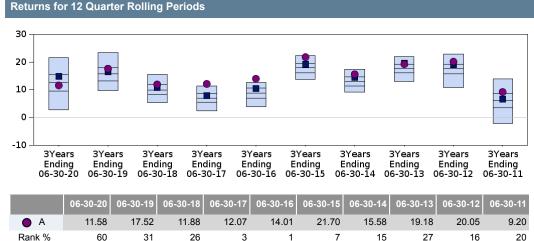
31

16.49

39

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	12,076.09	13,160.56
Price/Earning Ratio	20.39	26.31
Number of Holdings	135.00	114.00

Sector Weightings (%)	Fund	Peer Group
Technology	22.80	29.09
Communication Services	2.33	4.32
Consumer Cyclical	14.23	12.59
Consumer Defensive	5.28	3.45
Industrials	17.02	15.07
Basic Materials	2.97	1.86
Financial Services	7.76	7.92
Real Estate	0.97	4.32
Healthcare	23.40	19.55
Energy	1.40	1.29
Utilities	1.84	0.53



10.52

28

19.24

26

14.54

26

19.53

20

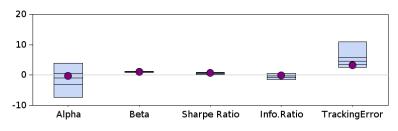
19.01

33

6.58

44

Statistics Relative to Russell Mid Cap Growth TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.29	-1.40
Beta	0.99	1.00
Sharpe Ratio	0.62	0.56
Information Ratio	-0.16	-0.48
RSquared	96.64	91.70
TrackingError	3.21	5.28

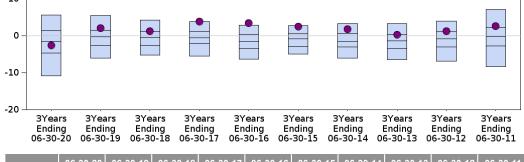
Alpha Relative to Russell Mid Cap Growth TR USD for 12 Quarter Rolling Periods

7.83

35

10.73

41



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-2.61	2.06	1.25	3.86	3.39	2.52	1.78	0.34	1.26	2.58
Rank %	64	19	25	4	2	7	14	26	23	22

T. Rowe Price Instl Mid-Cap Equity Gr



Russell Mid Cap Growth TR USD



Lansing Board of Water & Light 401(a) Plans American Beacon Small Cap Value R6

Ticker: AASRX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Small Value Benchmark: Russell 2000 Value TR USD

Last Quarter

22.16

18.91

22.34

447

42

Year to Date

-24.75

-23.50

-22.90

445

67

1 Year

-18.63

-17.48

-17.27

436

58

Fund Inception Date: 12-31-1998

Fund Manager: James Miles Manager Tenure: 21.50 Years

3 Year

-5.35

-4.35

-5.13

412

50

Website: www.americanbeaconfunds.com

5 Year

-0.05

1.26

-0.32

372

44

7.99

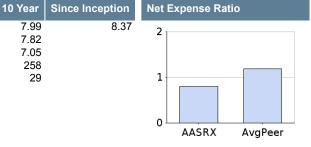
7.82

7.05

258

29

Total Fund Assets: \$4.64 bn Net Expense Ratio: 0.80 Fund Family: American Beacon



Russell 2000 Value TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 50 50 • 8 -50 -50 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year 2019 Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 22.16 -24.75 -18.63 -5.35 -0.05 7.99 A 23.50 -15.59 8.71 26.77 -5.04 4.70 40.06 16.52 -4.05 26.19 42 67 58 50 47 36 Rank % 44 29 Rank % 29 52 48 45 36 25 55 47 ■ B 18.91 -23.50 -17.48 -4.35 1.26 В 4.22 24.50 7.82 22.39 -12.867.84 31.74 -7.47 34.52 18.05 -5.50 Rank % 72 50 45 33 34 Rank % 42 26 59 12 52 69 41 60 65 63

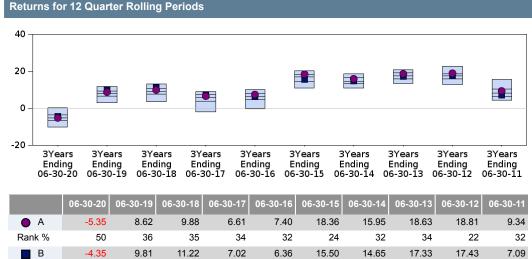
American Beacon Small Cap Value R6



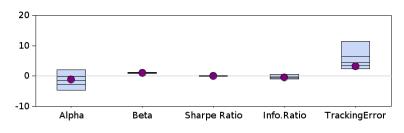
Lansing Board of Water & Light 401(a) Plans American Beacon Small Cap Value R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	1,859.75	1,732.11
Price/Earning Ratio	10.79	12.00
Number of Holdings	722.00	233.00

Sector Weightings (%)	Fund	Peer Group
Technology	15.37	11.07
Communication Services	2.25	2.45
Consumer Cyclical	13.52	12.30
Consumer Defensive	3.35	4.88
Industrials	19.21	18.49
Basic Materials	4.90	5.33
Financial Services	26.19	24.30
Real Estate	5.03	7.80
Healthcare	4.40	5.83
Energy	2.79	3.92
Utilities	3.01	3.64



Statistics Relative to Russell 2000 Value TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-1.06	-1.33
Beta	1.08	1.02
Sharpe Ratio	0.06	0.05
Information Ratio	-0.41	-0.33
RSquared	98.46	94.10
TrackingError	3.23	5.46

Alpha Relative to Russell 2000 Value TR USD for 12 Quarter Rolling Periods

18

27

51

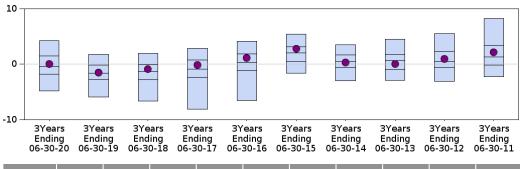
66

50

52

50

65



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
• A	0.04	-1.50	-0.92	-0.13	1.16	2.83	0.29	0.05	0.92	2.18	
Rank %	37	49	39	38	37	34	55	61	43	37	

American Beacon Small Cap Value R6

Rank %

33

19

Russell 2000 Value TR USD



Lansing Board of Water & Light 401(a) Plans Fidelity® Small Cap Index

Ticker: FSSNX

Fund

Peers

#Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Small Blend

Last Quarter

25.49

25.42

22.95

687

30

Year to Date

-12.94

-12.98

-16.88

681

21

Benchmark: Russell 2000 TR USD Fund Inception Date: 09-08-2011

Fund Manager: Louis Bottari Manager Tenure: 8.75 Years

3 Year

2.15

2.01

-0.64

615

16

1 Year

-6.46

-6.63

-11.41

669

16

Website: www.institutional.fidelity.com

5 Year

4.47

4.29

2.49

495

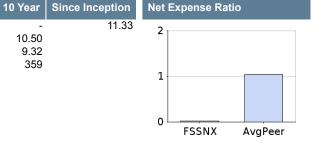
15

10.50

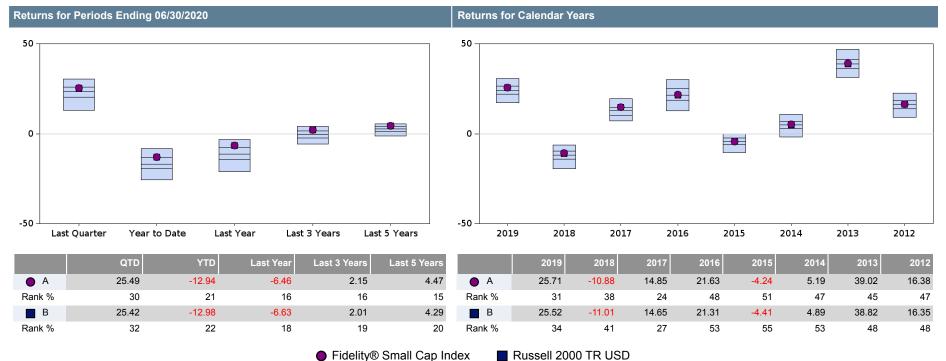
9.32

359

Total Fund Assets: \$11.02 bn Net Expense Ratio: 0.02 Fund Family: Fidelity Investments



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

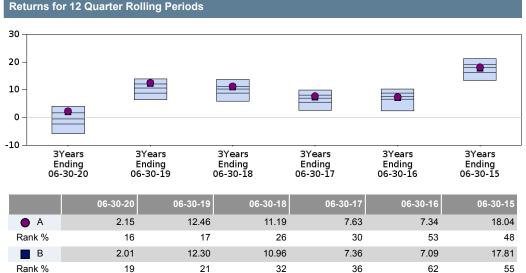




Lansing Board of Water & Light 401(a) Plans Fidelity® Small Cap Index

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	1,701.14	2,095.20
Price/Earning Ratio	14.70	14.97
Number of Holdings	1976.00	378.00

Sector Weightings (%)	Fund	Peer Group
Technology	14.94	15.85
Communication Services	2.52	2.71
Consumer Cyclical	8.29	10.41
Consumer Defensive	4.27	4.75
Industrials	15.92	18.60
Basic Materials	3.20	4.20
Financial Services	15.10	16.38
Real Estate	7.97	6.82
Healthcare	21.89	15.05
Energy	1.96	2.02
Utilities	3.94	3.20



Statistics Relative to Russell 2000 TR USD for 5 Years 10 -5 -10 Alpha TrackingError Beta Sharpe Ratio Info. Ratio

Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.18	-1.59
Beta	1.00	0.97
Sharpe Ratio	0.26	0.18
Information Ratio	1.95	-0.51
RSquared	100.00	94.73
TrackingError	0.09	4.49

Alpha Relative to Russell 2000 TR USD for 12 Quarter Rolling Periods 0 -5 -10 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 Ending 06-30-19 Ending 06-30-18 Ending 06-30-17 Ending 06-30-16 Ending 06-30-15

A	0.14	0.13	0.21	0.25	0.25	0.19
Rank %	17	25	45	46	68	72

Fidelity® Small Cap Index

Russell 2000 TR USD



Lansing Board of Water & Light 401(a) Plans AMG TimesSquare Small Cap Growth N

Ticker: TSCPX

Fund

Peers

#Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Small Growth Benchmark: Russell 2000 Growth TR USD

Last Quarter

34.77

30.58

32.19

643

32

Fund Inception Date: 01-21-2000

Fund Manager: Grant Babyak Manager Tenure: 20.41 Years Website: www.amgfunds.com

5 Year

8.35

6.86

8.28

508

51

10 Year

13.45

12.92

12.93

379

46

3 Year

11.08

7.86

10.08

577

41

1 Year

2.67

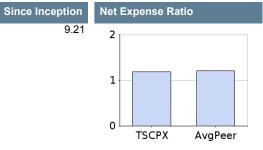
3.48

4.46

625

55

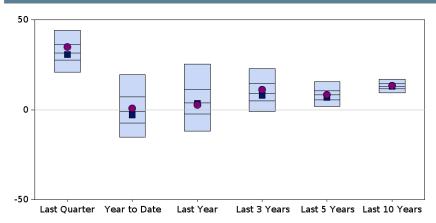
Total Fund Assets: \$426.74 MM Net Expense Ratio: 1.19 Fund Family: AMG Funds



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	No
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	No

Returns for Periods Ending 06/30/2020

Returns for Calendar Years



Year to Date

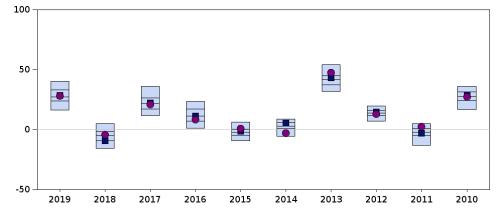
0.79

-3.06

-0.10

639

42



	QTD	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	34.77	0.79	2.67	11.08	8.35	13.45
Rank %	32	42	55	41	51	46
■ B	30.58	-3.06	3.48	7.86	6.86	12.92
Rank %	57	57	52	60	64	57

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
A	27.98	-4.38	20.87	8.20	0.90	-2.78	47.44	12.95	2.46	27.20
Rank %	47	42	55	68	20	91	18	59	17	54
В	28.48	-9.31	22.17	11.32	-1.38	5.60	43.30	14.59	-2.91	29.09
Rank %	43	76	47	49	41	27	41	41	59	40

AMG TimesSquare Small Cap Growth N

Russell 2000 Growth TR USD



Lansing Board of Water & Light 401(a) Plans AMG TimesSquare Small Cap Growth N

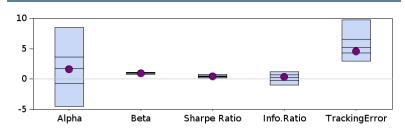
Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	2,831.37	3,060.07
Price/Earning Ratio	27.54	23.82
Number of Holdings	103.00	170.00

Sector Weightings (%)	Fund	Peer Group
Technology	29.58	24.97
Communication Services	3.12	2.47
Consumer Cyclical	9.90	9.61
Consumer Defensive	7.49	4.90
Industrials	16.50	16.44
Basic Materials	1.28	2.14
Financial Services	5.86	7.23
Real Estate	2.52	3.45
Healthcare	23.76	27.30
Energy	0.00	0.80
Utilities	0.00	0.70

Returns for 12 Quarter Rolling Periods 30 20 10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11

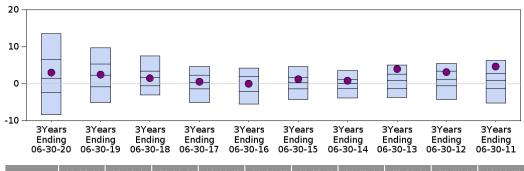
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	11.08	16.15	10.31	7.01	6.80	19.14	13.61	21.69	18.91	12.45
Rank %	41	49	62	55	53	36	45	18	40	16
В	7.86	14.69	10.60	7.64	7.74	20.11	14.49	19.97	18.09	8.35
Rank %	59	64	59	44	37	23	32	45	54	59

Statistics Relative to Russell 2000 Growth TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	1.60	1.61
Beta	0.97	0.95
Sharpe Ratio	0.44	0.45
Information Ratio	0.32	0.23
RSquared	95.08	92.15
TrackingError	4.59	5.75

Alpha Relative to Russell 2000 Growth TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	2.97	2.44	1.44	0.52	0.02	1.27	0.84	3.94	3.08	4.66
Rank %	42	48	53	50	48	30	34	13	31	13

AMG TimesSquare Small Cap Growth N



Russell 2000 Growth TR USD



Lansing Board of Water & Light 401(a) Plans Oakmark International Advisor

Ticker: OAYIX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Foreign Large Value Benchmark: MSCI EAFE Value NR USD

Last Quarter

24.38

12.43

14.61

343

3

Year to Date

-23.00

-19.27

-16.61

339

91

1 Year

-15.11

-14.48

-11.01

330

81

Fund Inception Date: 09-30-1992

Fund Manager: David Herro Manager Tenure: 27.75 Years Website: www.oakmark.com

3 Year

-6.40

-4.43

-3.13

302

94

5 Year

-1.23

-1.59

-0.67

258

66

10 Year

5.18

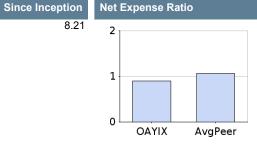
3.53

3.75

171

12

Total Fund Assets: \$21.85 bn Net Expense Ratio: 0.90 Fund Family: Oakmark



Criteria	Pass Criteria
Return 1Yr	No
Return 5Yr	No
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 20 0 -20 -40 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years 2013 QTD YTD 2019 2018 2017 2016 2015 2014 2012 2011 2010 A 24.38 -23.00 -15.11 -6.40 -1.235.18 A 24.33 -23.35 29.93 7.96 -3.83 -5.41 29.34 29.22 -14.07 16.22 3 91 81 94 47 74 Rank % 66 12 Rank % 99 3 29 42 5 3 1 ■ B 12.43 -19.27 -14.48 -4.43 -1.59 В 21.44 -5.39 3.53 16.09 -14.78 5.02 -5.68 22.95 17.69 -12.17 3.25 Rank % 76 74 76 60 Rank % 72 38 57 47 37 45 50 89 Oakmark International Advisor MSCI EAFE Value NR USD



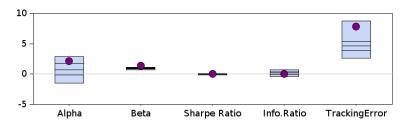
Lansing Board of Water & Light 401(a) Plans Oakmark International Advisor

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	17,509.24	23,630.84
Price/Earning Ratio	9.21	11.91
Number of Holdings	75.00	206.00

International Exposure (%)	Fund	Peer Group
United States	0.88	2.03
Latin America	0.85	0.92
Canada	1.68	3.91
United Kingdom	22.43	15.73
Europe	58.47	41.15
Africa	2.20	0.28
Middle East	0.00	0.52
Japan	3.82	20.48
Australia	3.09	3.72
Asia	6.57	11.27
Not Classified	0.00	-

Returns for 12 Quarter Rolling Periods 20 10 8 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11 06-30-15 06-30-20 06-30-18 06-30-17 06-30-16 06-30-14 06-30-11 A -6.40 10.64 5.77 3.76 -1.2316.63 12.02 14.35 10.68 11.34 Rank % 94 3 13 3 91 В 8.46 3.30 -0.10 11.80 8.46 9.17 4.24 -1.74

Statistics Relative to MSCI EAFE Value NR USD for 5 Years

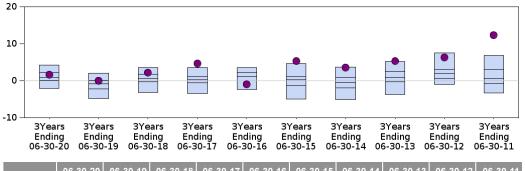


Risk Measures 5 Yr	Fund	Peer Group
Alpha	2.15	0.80
Beta	1.34	0.93
Sharpe Ratio	0.01	-0.04
Information Ratio	0.05	0.17
RSquared	93.67	90.01
TrackingError	7.81	5.01

Alpha Relative to MSCI EAFE Value NR USD for 12 Quarter Rolling Periods

61

61



76

34

36

64

80

66

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	1.67	-0.01	2.15	4.60	-0.99	5.27	3.54	5.27	6.30	12.33	
Rank %	37	31	20	3	89	2	7	4	7	1	

Oakmark International Advisor

MSCI EAFE Value NR USD



Rank %

74

25



Lansing Board of Water & Light 401(a) Plans Vanguard Total Intl Stock Index Admiral

Ticker: VTIAX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Foreign Large Blend Benchmark: FTSE Global All Cap ex US TR USD

Last Quarter

18.11

17.15

16.24

788

23

Year to Date

-10.59

-10.91

-10.92

785

43

1 Year

-4.09

-4.16

-4.65

762

41

Fund Inception Date: 04-29-1996

Fund Manager: Michael Perre Manager Tenure: 11.83 Years Website: www.vanguard.com

3 Year

1.09

1.39

0.31

651

35

5 Year

2.42

2.71

1.80

522

29

10 Year

5.27

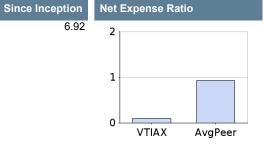
5.60

5.36

369

57

Total Fund Assets: \$399.13 bn Net Expense Ratio: 0.11 Fund Family: Vanguard



FTSE Global All Cap ex US TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 5 20 -• 0 -20 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 2019 Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 18.11 -10.59 -4.09 1.09 2.42 5.27 A 21.51 -14.43 27.55 4.67 -4.26 -4.17 15.14 18.21 -14.52 11.04 23 43 41 35 29 52 53 32 42 Rank % 57 Rank % 25 18 81 86 50 65 ■ B 17.15 -10.91 -4.16 1.39 2.71 В 5.04 13.23 5.60 22.19 -14.36 27.77 -4.03 -3.12 15.90 17.92 -14.03 Rank % 37 52 28 Rank % 40 51 22 15 80 21 80 55 57 24

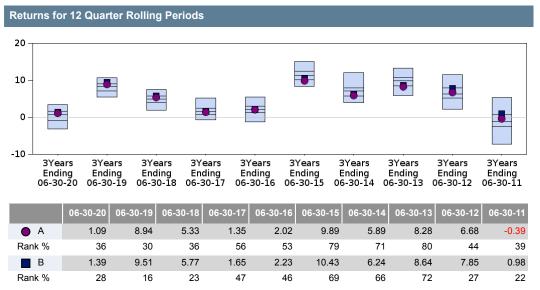
Vanguard Total Intl Stock Index Admiral



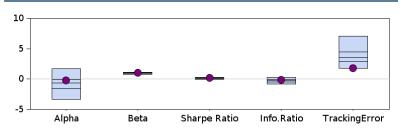
Lansing Board of Water & Light 401(a) Plans Vanguard Total Intl Stock Index Admiral

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	22,541.85	30,232.54
Price/Earning Ratio	15.02	15.39
Number of Holdings	7400.00	495.00

International Exposure (%)	Fund	Peer Group
United States	0.43	2.74
Latin America	2.15	1.15
Canada	6.56	3.38
United Kingdom	9.71	13.37
Europe	31.64	42.11
Africa	1.04	0.31
Middle East	1.62	0.60
Japan	18.14	19.12
Australia	4.62	3.88
Asia	24.08	13.33
Not Classified	0.00	-

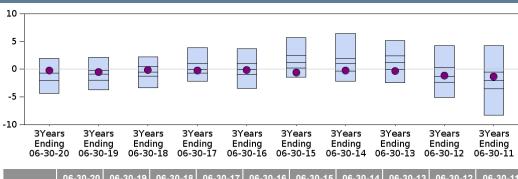


Statistics Relative to FTSE Global All Cap ex US TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.26	-0.79
Beta	0.99	0.95
Sharpe Ratio	0.16	0.12
Information Ratio	-0.16	-0.26
RSquared	98.59	93.42
TrackingError	1.78	3.88

Vanguard Total Intl Stock Index Admiral



Alpha Relative to FTSE Global All Cap ex US TR USD for 12 Quarter Rolling Periods

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-0.25	-0.54	-0.15	-0.25	-0.16	-0.62	-0.26	-0.35	-1.14	-1.31
Rank %	34	40	42	59	57	87	74	80	47	39

■ FTSE Global All Cap ex US TR USD



Lansing Board of Water & Light 401(a) Plans American Funds Europacific Growth R6

Ticker: RERGX

Peer Group/Category: Morningstar Foreign Large Blend

Last Quarter

Benchmark: MSCI EAFE NR USD Fund Inception Date: 04-16-1984

Fund Manager: Carl Kawaja Manager Tenure: 19.00 Years Website: www.americanfunds.com

3 Year

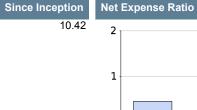
5 Year

10 Year

Total Fund Assets: \$153.58 bn Net Expense Ratio: 0.46 Fund Family: American Funds

RERGX

AvgPeer

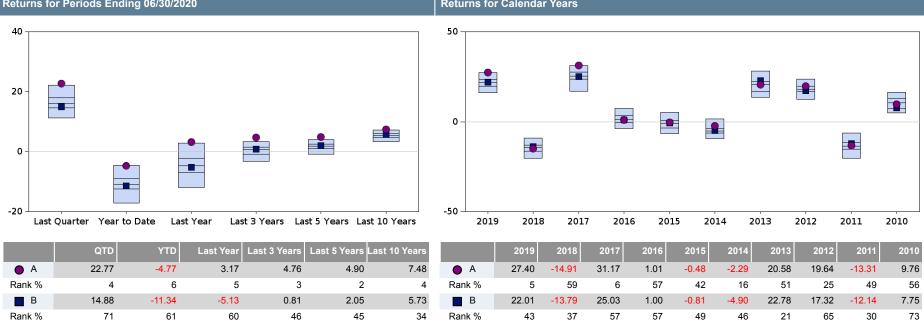


Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

22.77 -4.77 3.17 4.76 4.90 7.48 Fund 14.88 -11.34 -5.13 0.81 2.05 5.73 Benchmark -10.92 16.24 -4.65 0.31 1.80 5.36 Peers #Funds 788 785 762 651 522 369 2 6 5 3 Rank% 4 Returns for Periods Ending 06/30/2020 **Returns for Calendar Years**

1 Year

Year to Date



American Funds Europacific Growth R6

■ MSCI EAFE NR USD



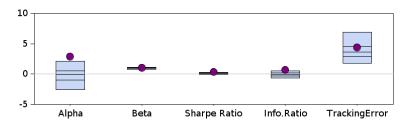
Lansing Board of Water & Light 401(a) Plans American Funds Europacific Growth R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	39,603.65	30,232.54
Price/Earning Ratio	17.72	15.39
Number of Holdings	334.00	495.00

International Exposure (%)	Fund	Peer Group
United States	1.02	2.74
Latin America	5.29	1.15
Canada	3.21	3.38
United Kingdom	8.17	13.37
Europe	34.50	42.11
Africa	0.34	0.31
Middle East	0.68	0.60
Japan	16.40	19.12
Australia	0.91	3.88
Asia	29.49	13.33
Not Classified	0.00	-

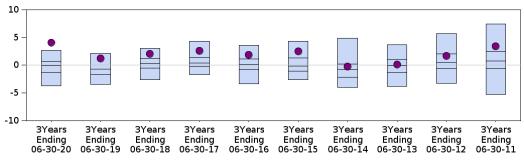
Returns for 12 Quarter Rolling Periods 20 10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-12 06-30-11 06-30-14 06-30-13 06-30-15 06-30-20 06-30-18 06-30-17 06-30-16 06-30-14 06-30-11 A 4.76 10.84 6.51 3.72 3.76 12.71 7.40 9.44 7.50 1.93 Rank % 5 12 11 17 23 43 57 31 15 3 В 0.81 9.11 4.90 1.15 2.06 11.97 8.10 10.04 5.96 -1.77 Rank % 47 25 51 63 51 35 23 43 57 63

Statistics Relative to MSCI EAFE NR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	2.85	-0.16
Beta	1.01	0.99
Sharpe Ratio	0.31	0.12
Information Ratio	0.65	-0.06
RSquared	91.66	92.98
TrackingError	4.39	3.93

Alpha Relative to MSCI EAFE NR USD for 12 Quarter Rolling Periods



1		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
ſ	A	4.10	1.25	2.02	2.62	1.89	2.48	-0.21	0.10	1.71	3.42
	Rank %	2	8	15	11	17	14	38	44	30	18

American Funds Europacific Growth R6

[■] MSCI EAFE NR USD



Lansing Board of Water & Light 401(a) Plans Vanguard International Growth Adm

Ticker: VWILX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Foreign Large Growth Benchmark: MSCI EAFE Growth NR USD

Last Quarter

33.01

16.95

21.42

499

6

Year to Date

12.37

-3.53

-1.60

497

1 Year

24.55

4.15

6.44

477

4

Fund Inception Date: 09-30-1981

Fund Manager: James Anderson Manager Tenure: 17.34 Years Website: www.vanguard.com

5 Year

11.90

5.52

5.58

344

5

3 Year

14.18

5.91

6.05

421

4

10 Year

11.27

7.78

7.78

249

4

Total Fund Assets: \$46.87 bn Net Expense Ratio: 0.32 Fund Family: Vanguard



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 2 8 20 0 -20 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 33.01 12.37 24.55 14.18 11.90 11.27 A 31.48 -12.58 43.16 1.84 -0.54-5.51 23.12 20.18 -13.58 15.81 5 5 33 73 25 Rank % 6 4 4 Rank % 23 6 19 68 28 38 65 4 ■ B 16.95 -3.53 4.15 5.91 5.52 В 28.86 4.09 -4.43 7.78 27.90 -12.83 -3.04 22.55 16.86 -12.11 12.25 Rank % 55 57 45 41 Rank % 53 38 57 65 59 35 76 47 64 21 Vanguard International Growth Adm MSCI EAFE Growth NR USD



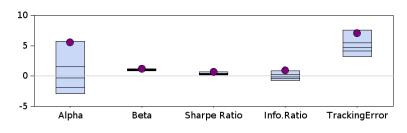
Lansing Board of Water & Light 401(a) Plans Vanguard International Growth Adm

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	58,707.42	37,527.14
Price/Earning Ratio	20.47	23.11
Number of Holdings	130.00	107.00

International Exposure (%)	Fund	Peer Group
United States	10.57	5.57
Latin America	3.17	1.69
Canada	0.76	3.78
United Kingdom	6.18	11.20
Europe	40.40	42.60
Africa	0.00	0.37
Middle East	0.57	0.80
Japan	10.20	14.59
Australia	0.00	2.48
Asia	28.16	16.92
Not Classified	0.00	-

Returns for 12 Quarter Rolling Periods 20 10 • 0 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-12 06-30-11 06-30-14 06-30-13 06-30-20 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11 A 14.18 15.36 12.26 5.11 4.14 12.40 7.65 10.44 9.35 2.07 Rank % 16 33 36 53 64 52 29 4 В 5.91 9.68 6.41 2.81 4.17 12.11 7.68 10.85 7.62 -1.85

Statistics Relative to MSCI EAFE Growth NR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	5.52	0.09
Beta	1.19	1.02
Sharpe Ratio	0.66	0.38
Information Ratio	0.91	-0.04
RSquared	86.30	89.09
TrackingError	7.03	4.99

Alpha Relative to MSCI EAFE Growth NR USD for 12 Quarter Rolling Periods

46

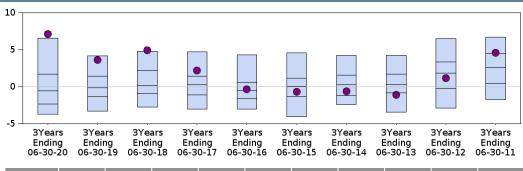
49

32

41

52

53



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	7.10	3.59	4.94	2.18	-0.37	-0.69	-0.61	-1.08	1.18	4.58
Rank %	4	10	4	17	45	69	67	80	58	23

Vanguard International Growth Adm

Rank %

45

47

77

73

[■] MSCI EAFE Growth NR USD



Lansing Board of Water & Light 401(a) Plans Nuveen Real Estate Securities I

Ticker: FARCX

Fund

#Funds

Rank%

Benchmark Peers

Peer Group/Category: Morningstar Real Estate Benchmark: DJ US Select REIT TR USD Fund Inception Date: 06-30-1995

Last Quarter

10.65

13.66

9.11

260

74

Year to Date

-14.83

-22.01

-16.19

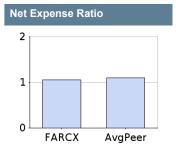
258

48

Fund Manager: Jay Rosenberg Manager Tenure: 15.08 Years Website: www.nuveen.com

Total Fund Assets: \$2.22 bn Net Expense Ratio: 1.06 Fund Family: Nuveen

1 Year	3 Year	5 Year	10 Year	Since Inception
-9.63	1.29	4.68	9.42	10.51
-17.71	-1.99	2.45	8.27	
-9.81	0.60	3.98	8.86	
253	225	199	140	
53	51	47	42	



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Calendar Years Returns for Periods Ending 06/30/2020 50 50 -50 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last 3 Years Last 5 Years Last 10 Years 2013 QTD YTD 2019 2018 2017 2016 2015 2014 2012 2011 2010 A 10.65 -14.83 -9.63 1.29 4.68 9.42 A 25.56 -5.51 5.61 6.79 3.48 31.28 1.32 18.34 7.96 30.57 74 48 53 51 47 55 22 27 Rank % 42 Rank % 62 50 49 39 59 46 13 ■ B 9.11 -22.01 -17.71 -1.99 2.45 В -4.22 4.48 32.00 28.07 8.27 23.10 3.76 6.68 1.22 17.12 9.37 Rank % 85 88 82 72 Rank % 85 30 81 50 16 7 62 51 22 43 Nuveen Real Estate Securities I DJ US Select REIT TR USD



Lansing Board of Water & Light 401(a) Plans Nuveen Real Estate Securities I

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	15,008.70	13,468.50
Price/Earning Ratio	31.09	26.79
Number of Holdings	81.00	82.00

Sector Weightings (%)	Fund	Peer Group
Technology	0.00	0.70
Communication Services	0.00	0.07
Consumer Cyclical	0.00	1.16
Consumer Defensive	0.00	0.01
Industrials	0.00	0.33
Basic Materials	0.00	0.09
Financial Services	0.00	0.32
Real Estate	100.00	96.96
Healthcare	0.00	0.16
Energy	0.00	0.02
Utilities	0.00	0.19

Returns for 12 Quarter Rolling Periods 20 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-13 06-30-12 06-30-11 06-30-14 06-30-20 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-12 06-30-11 A 1.29 4.17 7.72 7.89 13.48 8.67 11.64 18.11 32.64 7.92 Rank % 54 38 41 25 31 18 17 34 20 51

13.55

23

8.67

31

11.38

26

18.08

19

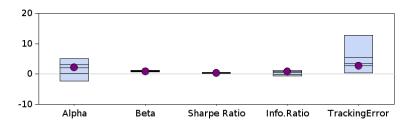
33.52

19

4.71

69

Statistics Relative to DJ US Select REIT TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	2.14	1.69
Beta	0.90	0.93
Sharpe Ratio	0.29	0.28
Information Ratio	0.80	0.40
RSquared	97.98	92.11
TrackingError	2.78	4.72

Alpha Relative to DJ US Select REIT TR USD for 12 Quarter Rolling Periods

7.71

39

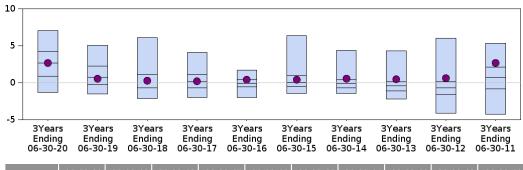
8.04

37

3.73

67

82



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	2.65	0.51	0.26	0.17	0.38	0.38	0.56	0.44	0.61	2.66	
Rank %	53	57	45	49	27	39	23	14	14	22	

Nuveen Real Estate Securities I

DJ US Select REIT TR USD

В

Rank %



Lansing Board of Water & Light 401(a) Plans American Funds Capital World Gr&Inc R6

Ticker: RWIGX

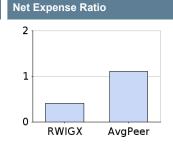
Peer Group/Category: Morningstar World Large Stock

Benchmark: MSCI ACWI NR USD Fund Inception Date: 03-26-1993

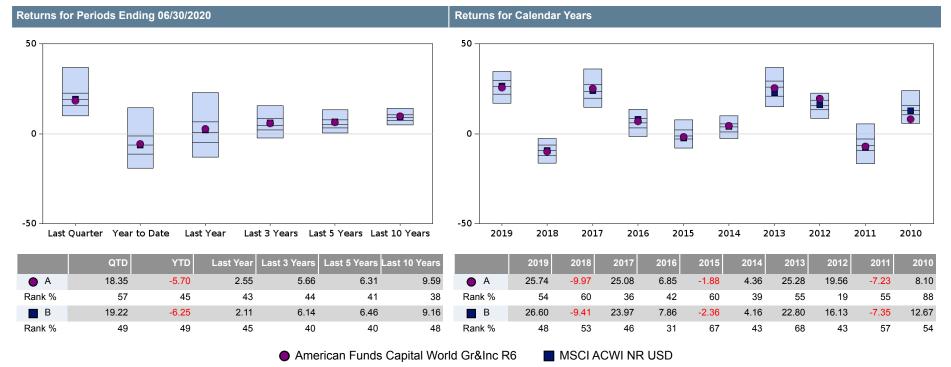
Fund Manager: Sung Lee Manager Tenure: 14.34 Years Website: www.americanfunds.com

	Last Quarter	Year to Date	1 Year	3 Year	5 Year	10 Year	Since Inception
Fund	18.35	-5.70	2.55	5.66	6.31	9.59	7.81
Benchmark	19.22	-6.25	2.11	6.14	6.46	9.16	
Peers	20.09	-5.23	1.96	5.52	6.01	8.99	
#Funds	913	903	864	763	630	371	
Rank%	57	45	43	44	41	38	

Total Fund Assets: \$93.26 bn Net Expense Ratio: 0.42 Fund Family: American Funds



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

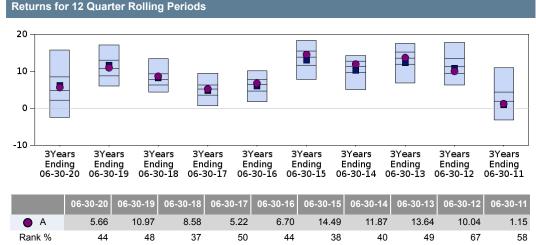




Lansing Board of Water & Light 401(a) Plans American Funds Capital World Gr&Inc R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	71,742.35	59,825.93
Price/Earning Ratio	16.90	19.37
Number of Holdings	333.00	182.00

International Exposure (%)	Fund	Peer Group
United States	48.33	55.00
Latin America	2.06	0.90
Canada	1.84	2.63
United Kingdom	8.30	6.41
Europe	20.26	18.34
Africa	0.36	0.23
Middle East	0.12	0.25
Japan	5.77	5.85
Australia	0.50	1.14
Asia	12.45	9.25
Not Classified	0.00	-



6.03

58

13.01

61

10.25

70

12.36

70

10.80

56

0.92

62

10 0 -5 -10 Alpha Beta Sharpe Ratio Info.Ratio TrackingError

Statistics Relative to MSCI ACWI NR USD for 5 Years

Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.15	-0.25
Beta	0.94	0.98
Sharpe Ratio	0.43	0.42
Information Ratio	-0.07	-0.15
RSquared	98.20	90.69
TrackingError	2.07	4.66

0 -10 3Years Ending 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-12 06-30-11 06-30-20 06-30-13

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-0.23	-0.02	0.67	0.70	0.99	2.29	2.11	1.58	-0.53	0.21
Rank %	44	42	41	48	43	34	37	47	65	60

American Funds Capital World Gr&Inc R6

В

Rank %

6.14

40

11.62

38

8.19

Alpha Relative to MSCI ACWI NR USD for 12 Quarter Rolling Periods

45

4.82

60

MSCI ACWI NR USD



Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement Income Inv

Ticker: VTINX

Fund

Peers

#Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date Retirement Benchmark: S&P Target Date Retirement Income TR USD Fund Inception Date: 10-27-2003

Last Quarter

7.84

8.18

8.01

184

59

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

5 Year

4.93

4.70

4.20

133

20

10 Year

5.84

5.54

5.06

96

23

3 Year

5.39

5.17

4.52

156

19

Total Fund Assets: \$16.88 bn Net Expense Ratio: 0.12 Fund Family: Vanguard

1	Net E	xpense Rat	io
7	1		
	0 -	VTINX	AvgPeer

Since Inception

5.2

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020

15 10 5

Year to Date

1.46

0.95

0.23

184

35

1 Year

5.69

5.40

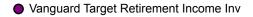
4.08

180

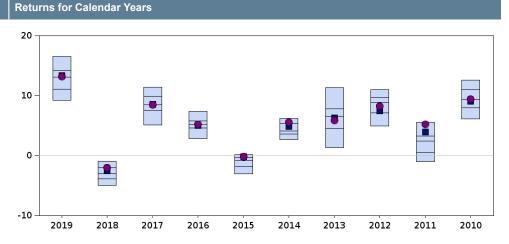
22

	QID	YID	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	7.84	1.46	5.69	5.39	4.93	5.84
Rank %	59	35	22	19	20	23
В	8.18	0.95	5.40	5.17	4.70	5.54
Rank %	52	46	30	27	30	37

Last Year



Last 3 Years Last 5 Years Last 10 Years



	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
A	13.16	-1.99	8.47	5.25	-0.17	5.54	5.87	8.23	5.25	9.39
Rank %	47	26	53	42	17	21	56	68	11	54
В	13.33	-2.54	8.54	5.01	-0.18	4.86	6.28	7.51	3.98	9.09
Rank %	41	35	48	58	18	34	51	71	20	63

S&P Target Date Retirement Income TR USD

Last Quarter Year to Date



Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement Income Inv

Rank %

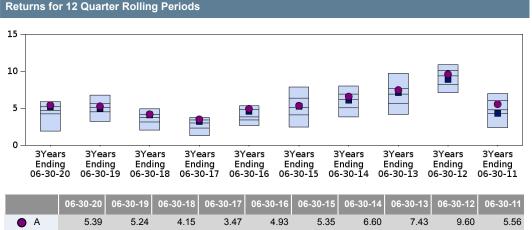
В

Rank %

3Years

06-30-20

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,489.53	45,154.61
Price/Earning Ratio	18.29	17.32
Number of Holdings	6.00	20.00



22

36

3Years

Ending 06-30-15

3Years

Ending

06-30-14

3Years

Ending

06-30-13

3Years

Ending

06-30-12

1.46

16

3Years

Ending

06-30-11

1.44

27

06-30-Ĭ1

4.55

46

49

5.26

39

52

6.06

31

7.10

39

46

67

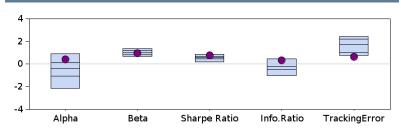
8.87

36

74

4.33

Statistics Relative to S&P Target Date Retirement Income TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.41	-0.59
Beta	0.94	1.04
Sharpe Ratio	0.76	0.57
Information Ratio	0.35	-0.23
RSquared	98.60	93.28
TrackingError	0.66	1.72

06-30-17 06-30-20 06-30-19 06-30-18 06-30-16 06-30-15 06-30-14 06-30-13 A 0.45 0.46 0.09 0.23 0.45 0.73 0.75 Rank % 18 29 10 29 10

3Years

Ending

06-30-Ĭ7

Vanguard Target Retirement Income Inv

■ S&P Target Date Retirement Income TR USD

42

56

3Years

Ending

06-30-18

5.02

19

26

3Years

Ending

06-30-19

5.17

30

35

4.08

23

37

Alpha Relative to S&P Target Date Retirement Income TR USD for 12 Quarter Rolling Periods

3Years

Ending

06-30-16

3.20



Lansing Board of Water & Light 401(a) Plans VT Retirement IncomeAdvantage

5 Year

5.09

4.70

4.20

133

8

10 Year

6.69

5.54

5.06

96

3

Ticker:

Fund

Peers

#Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date Retirement Benchmark: S&P Target Date Retirement Income TR USD Fund Inception Date: -

Last Quarter

8.18

8.01

184

Year to Date

-1.19

0.95

0.23

184

1 Year

4.56

5.40

4.08

180

60

Fund Manager: NA Manager Tenure: -Website: -

3 Year

5.37

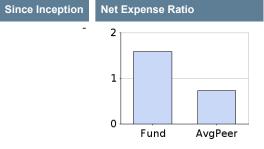
5.17

4.52

156

21

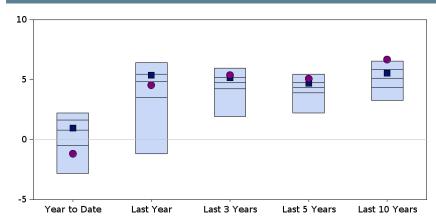
Total Fund Assets: -Net Expense Ratio: 1.59 Fund Family: VantageTrust



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	No
Prod Hist	NE
Manager Tenure	NE
AUM	NE
Alpha 5Yr	NE

Returns for Periods Ending 06/30/2020

Returns for Calendar Years



Insufficient	data to	display	grapn

	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	-1.19	4.56	5.37	5.09	6.69
Rank %	84	60	21	8	3
В	0.95	5.40	5.17	4.70	5.54
Rank %	46	30	27	30	37

VT Retirement IncomeAdvantage

S&P Target Date Retirement Income TR USD



Lansing Board of Water & Light 401(a) Plans VT Retirement IncomeAdvantage

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	-	45,154.61
Price/Earning Ratio	-	17.32
Number of Holdings	-	20.00

Returns for 12 Quarter Rolling Periods

Insufficient data to display graph

Insufficient data to display graph

Statistics Relative to S&P Target Date Retirement Income TR USD for 5 Years

Alpha Relative to S&P Target Date Retirement Income TR USD for 12 Quarter Rolling Periods

Insufficient data to display graph

Risk Measures 5 Yr	Fund	Peer Group
Alpha	-	-0.59
Beta	-	1.04
Sharpe Ratio	-	0.57
Information Ratio	-	-0.23
RSquared	-	93.28
TrackingError	-	1.72

VT Retirement IncomeAdvantage

■ S&P Target Date Retirement Income TR USD



Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2015 Inv

Ticker: VTXVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2015 Benchmark: S&P Target Date 2015 TR USD

Last Quarter

8.90

9.77

10.15

126

76

Year to Date

0.79

-0.29

-0.17

126

23

1 Year

5.45

4.73

4.65

123

27

Fund Inception Date: 10-27-2003

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

5.78

5.35

5.42

98

26

5 Year

5.47

5.30

5.12

72

29

10 Year

7.55

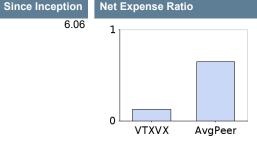
7.10

7.10

48

35

Total Fund Assets: \$14.92 bn Net Expense Ratio: 0.13 Fund Family: Vanguard



S&P Target Date 2015 TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

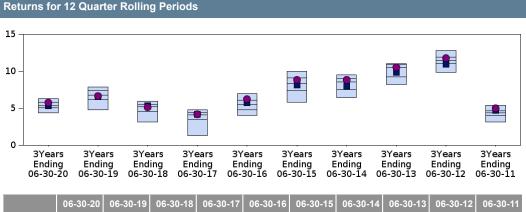
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 15 20 -9 10 10 5 0 -10 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 8.90 0.79 5.45 5.78 5.47 7.55 A 14.81 -2.97 11.50 6.16 -0.46 6.56 13.00 11.37 1.71 12.47 76 23 27 26 7 Rank % 29 35 Rank % 75 15 50 73 36 39 51 41 43 ■ B 9.77 -0.29 4.73 5.35 5.30 В 5.49 10.32 7.10 15.40 -3.67 11.39 6.56 -0.16 12.16 1.53 11.85 Rank % 55 46 53 61 Rank % 49 45 57 24 45 63 86 43 64 51

Vanguard Target Retirement 2015 Inv



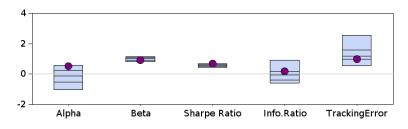
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2015 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,509.77	47,074.73
Price/Earning Ratio	18.29	17.11
Number of Holdings	6.00	26.00



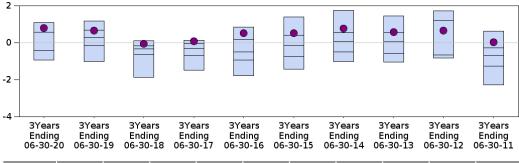
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	5.78	6.66	5.14	4.20	6.22	8.81	8.84	10.55	11.75	5.02
Rank %	26	61	54	39	16	35	36	49	35	16
В	5.35	6.54	5.33	4.17	5.73	8.17	8.04	9.89	10.95	4.74
Rank %	51	63	36	41	45	60	59	71	80	21

Statistics Relative to S&P Target Date 2015 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.53	-0.16
Beta	0.90	1.00
Sharpe Ratio	0.69	0.58
Information Ratio	0.18	-0.07
RSquared	98.67	96.94
TrackingError	0.98	1.32

Alpha Relative to S&P Target Date 2015 TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	0.80	0.65	-0.06	0.07	0.51	0.51	0.78	0.58	0.66	0.04
Rank %	21	34	20	19	15	20	20	21	33	18

Vanguard Target Retirement 2015 Inv

S&P Target Date 2015 TR USD





Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2020 Inv

Ticker: VTWNX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2020 Benchmark: S&P Target Date 2020 TR USD

Last Quarter

11.40

10.65

10.22

227

33

Year to Date

-0.58

-1.03

-0.81

227

44

1 Year

5.09

4.33

4.07

223

23

Fund Inception Date: 06-07-2006

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.09

5.45

5.26

195

17

5 Year

5.96

5.56

5.03

149

10

10 Year

8.31

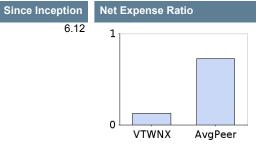
7.76

7.14

95

14

Total Fund Assets: \$31.16 bn Net Expense Ratio: 0.13 Fund Family: Vanguard



S&P Target Date 2020 TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

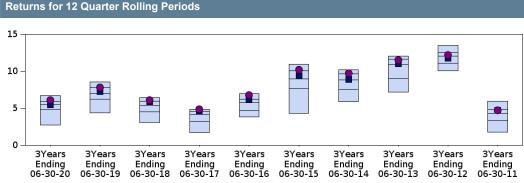
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 20 10 10 0 0 0 -10 -10 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years 2013 QTD YTD Last Year 2019 2018 2017 2016 2015 2012 2011 2010 A 11.40 -0.58 5.09 6.09 5.96 8.31 A 17.63 -4.24 14.08 6.95 -0.68 7.11 15.85 12.35 0.60 13.12 33 23 17 49 Rank % 44 10 Rank % 29 48 16 39 48 3 31 42 40 14 ■ B 10.65 -1.03 4.33 5.45 5.56 В 11.48 12.93 7.76 16.52 -4.16 12.80 7.22 -0.19 5.67 14.76 0.58 Rank % 57 51 36 Rank % 50 42 46 25 25 43 40 62 41 55

Vanguard Target Retirement 2020 Inv



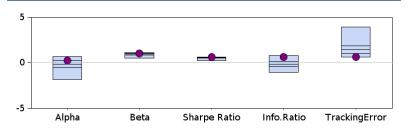
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2020 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,537.39	47,337.07
Price/Earning Ratio	18.30	17.32
Number of Holdings	6.00	23.00



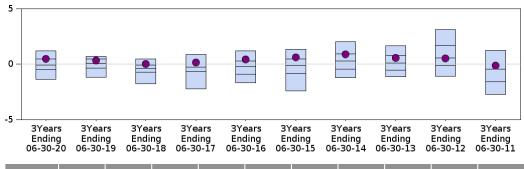
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	6.09	7.81	6.08	4.85	6.76	10.19	9.73	11.49	12.17	4.71
Rank %	17	26	17	11	10	22	19	33	37	37
В	5.45	7.28	5.91	4.58	6.19	9.39	8.88	11.05	11.75	4.72
Rank %	50	41	26	24	28	41	47	46	64	37

Statistics Relative to S&P Target Date 2020 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.26	-0.27
Beta	1.03	0.94
Sharpe Ratio	0.61	0.55
Information Ratio	0.64	-0.17
RSquared	99.49	95.19
TrackingError	0.63	1.72

Alpha Relative to S&P Target Date 2020 TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	0.50	0.32	0.01	0.16	0.44	0.64	0.91	0.58	0.54	-0.14
Rank %	24	34	18	17	22	21	26	35	55	32

Vanguard Target Retirement 2020 Inv

S&P Target Date 2020 TR USD





Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2025 Inv

Ticker: VTTVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2025 Benchmark: S&P Target Date 2025 TR USD

Last Quarter

13.20

12.25

12.01

234

28

Year to Date

-1.46

-2.27

-1.63

234

43

1 Year

4.82

3.66

3.95

229

24

Fund Inception Date: 10-27-2003

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.33

5.57

5.59

200

22

5 Year

6.29

5.82

5.46

159

14

10 Year

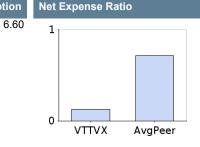
8.88

8.31

7.98

94 17 **Since Inception**

Total Fund Assets: \$44.52 bn Net Expense Ratio: 0.13 Fund Family: Vanguard



S&P Target Date 2025 TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

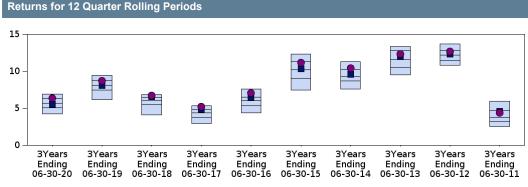
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 30 20 10 0 10 • -10 -10 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 2019 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 13.20 -1.46 4.82 6.33 6.29 8.88 A 19.63 -5.15 15.94 7.48 -0.85 7.17 18.14 13.29 -0.3713.84 28 43 24 22 40 Rank % 14 17 Rank % 23 45 19 31 41 5 32 46 33 ■ B 12.25 -2.27 3.66 5.57 5.82 В 13.82 8.31 18.38 -5.02 14.55 7.82 -0.25 5.56 17.03 12.51 -0.28Rank % 70 65 Rank % 59 39 59 18 20 48 42 67 32 46

Vanguard Target Retirement 2025 Inv



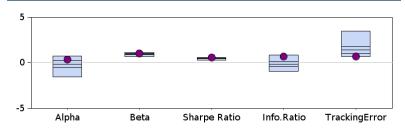
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2025 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,552.42	46,643.16
Price/Earning Ratio	18.30	17.44
Number of Holdings	5.00	24.00



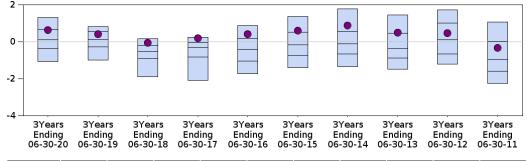
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	6.33	8.69	6.68	5.18	7.04	11.18	10.42	12.34	12.67	4.35
Rank %	22	28	19	10	10	30	19	38	38	37
В	5.57	8.09	6.59	4.85	6.48	10.36	9.60	12.03	12.35	4.60
Rank %	56	49	22	27	24	48	41	42	45	27

Statistics Relative to S&P Target Date 2025 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.34	-0.23
Beta	1.03	0.98
Sharpe Ratio	0.57	0.53
Information Ratio	0.67	-0.13
RSquared	99.49	97.36
TrackingError	0.71	1.55

Alpha Relative to S&P Target Date 2025 TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	0.64	0.40	-0.07	0.20	0.40	0.59	0.89	0.48	0.47	-0.34
Rank %	27	37	17	8	15	18	17	24	41	37

Vanguard Target Retirement 2025 Inv

S&P Target Date 2025 TR USD



Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2030 Inv

Ticker: VTHRX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2030 Benchmark: S&P Target Date 2030 TR USD

Last Quarter

14.58

13.94

13.72

245

37

Year to Date

-2.33

-3.58

-2.51

245

40

1 Year

4.40

2.92

3.59

238

30

3 Year

6.42

5.62

5.78

209

26

Fund Inception Date: 06-07-2006

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

5 Year

6.47

6.02

5.79

164

22

10 Year

9.37

8.78

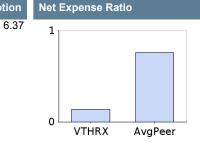
8.35

103

21

Since Inception

Total Fund Assets: \$40.19 bn Net Expense Ratio: 0.14 Fund Family: Vanguard



S&P Target Date 2030 TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

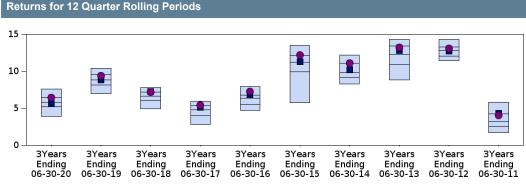
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 40 10 20 -0 0 0 -10 -20 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 14.58 -2.334.40 6.42 6.47 9.37 A 21.07 -5.86 17.52 7.85 -1.03 7.17 20.49 14.24 -1.2714.43 37 40 30 26 22 37 42 Rank % 21 Rank % 35 39 32 45 11 29 40 39 ■ B 13.94 -3.58 2.92 5.62 6.02 В -0.30 5.64 13.43 14.52 8.78 20.38 -5.99 16.19 8.35 19.14 -1.17 Rank % 52 78 68 Rank % 56 43 67 21 22 50 46 62 36 38

Vanguard Target Retirement 2030 Inv



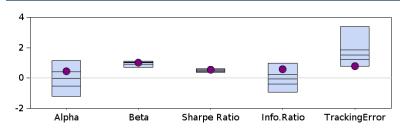
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2030 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,536.33	46,166.64
Price/Earning Ratio	18.30	17.32
Number of Holdings	5.00	23.00



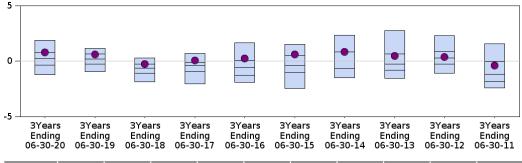
		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
	Α	6.42	9.39	7.19	5.42	7.27	12.20	11.09	13.23	13.09	4.01
Rank	%	26	36	27	16	11	23	22	33	36	32
	В	5.62	8.82	7.23	5.16	6.80	11.32	10.23	12.82	12.74	4.33
Rank	%	59	52	23	36	25	47	40	39	53	24

Statistics Relative to S&P Target Date 2030 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.43	-0.10
Beta	1.00	0.98
Sharpe Ratio	0.54	0.50
Information Ratio	0.59	-0.06
RSquared	99.45	97.35
TrackingError	0.77	1.67

Alpha Relative to S&P Target Date 2030 TR USD for 12 Quarter Rolling Periods



		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
) A	0.79	0.59	-0.24	0.09	0.26	0.60	0.85	0.48	0.37	-0.39	
Ra	nk %	26	33	20	16	18	21	26	32	46	33	

Vanguard Target Retirement 2030 Inv

S&P Target Date 2030 TR USD





Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2035 Inv

Ticker: VTTHX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2035 Benchmark: S&P Target Date 2035 TR USD

Last Quarter

15.90

15.55

15.58

227

50

Year to Date

-3.24

-4.90

-3.58

227

37

1 Year

3.94

2.12

3.18

226

26

Fund Inception Date: 10-27-2003

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.45

5.61

5.93

197

27

5 Year

6.62

6.17

6.03

156

24

10 Year

9.84

9.16

8.98

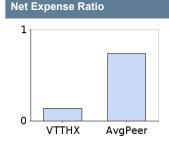
91

19

Since Inception

7.10

Total Fund Assets: \$38.30 bn Net Expense Ratio: 0.14 Fund Family: Vanguard



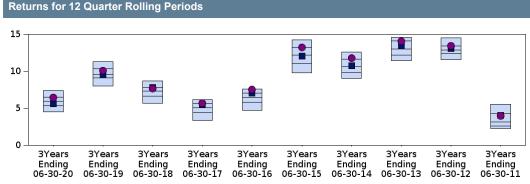
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 40 10 20 -0 0 -10 -20 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 15.90 -3.243.94 6.45 6.62 9.84 A 22.44 -6.58 19.12 8.26 -1.26 7.24 22.82 15.16 -2.24 15.14 37 26 27 34 Rank % 50 24 19 Rank % 45 34 34 39 45 10 30 43 28 ■ B 15.55 -4.90 2.12 5.61 6.17 В 15.02 9.16 22.18 -6.88 17.78 8.85 -0.35 5.69 20.84 14.12 -1.71 Rank % 78 75 Rank % 54 49 74 16 51 54 72 20 42 18 Vanguard Target Retirement 2035 Inv S&P Target Date 2035 TR USD



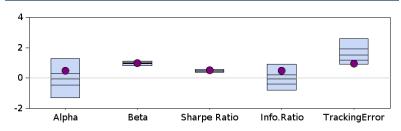
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2035 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,559.78	45,329.04
Price/Earning Ratio	18.30	17.50
Number of Holdings	5.00	23.00

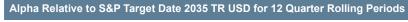


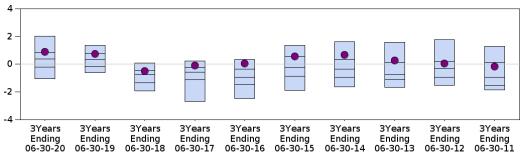
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	6.45	10.09	7.66	5.66	7.50	13.21	11.75	14.05	13.43	3.96
Rank %	27	38	32	24	9	27	21	27	26	32
В	5.61	9.50	7.83	5.47	7.07	12.08	10.77	13.44	13.05	4.05
Rank %	65	56	25	35	21	55	43	39	40	27

Statistics Relative to S&P Target Date 2035 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.48	-0.09
Beta	0.99	0.99
Sharpe Ratio	0.51	0.47
Information Ratio	0.48	-0.05
RSquared	99.36	98.30
TrackingError	0.94	1.63





	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	0.89	0.73	-0.49	-0.10	0.06	0.56	0.67	0.27	0.04	-0.16	
Rank %	23	31	30	20	12	25	19	21	33	34	

Vanguard Target Retirement 2035 Inv



S&P Target Date 2035 TR USD



Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2040 Inv

Ticker: VFORX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2040 Benchmark: S&P Target Date 2040 TR USD

Last Quarter

17.29

16.66

16.73

239

46

Year to Date

-4.11

-5.78

-4.63

239

35

1 Year

3.46

1.56

2.41

238

26

Fund Inception Date: 06-07-2006

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.50

5.61

5.78

209

20

5 Year

6.76

6.28

6.06

164

21

10 Year

10.08

9.43

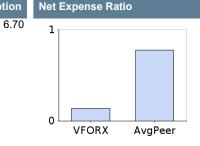
9.04

103

20

Since Inception

Total Fund Assets: \$30.38 bn Net Expense Ratio: 0.14 Fund Family: Vanguard



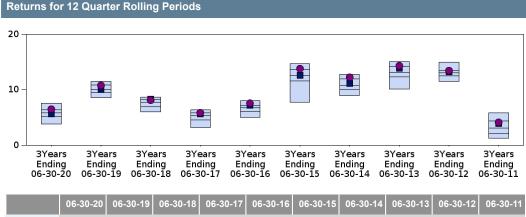
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 40 10 20 0 0 -10 -20 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 17.29 -4.11 3.46 6.50 6.76 10.08 A 23.86 -7.32 20.71 8.73 -1.59 7.15 24.37 15.56 -2.55 15.17 35 26 20 39 17 33 Rank % 46 21 20 Rank % 45 24 34 56 22 38 49 ■ B 16.66 -5.78 1.56 5.61 6.28 В 9.23 -0.40 9.43 23.37 -7.41 18.87 5.69 22.10 14.69 -2.17 15.38 Rank % 74 69 Rank % 60 41 72 18 57 52 62 26 37 21 Vanguard Target Retirement 2040 Inv S&P Target Date 2040 TR USD



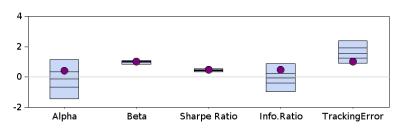
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2040 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,723.02	45,256.06
Price/Earning Ratio	18.32	17.40
Number of Holdings	5.00	21.00



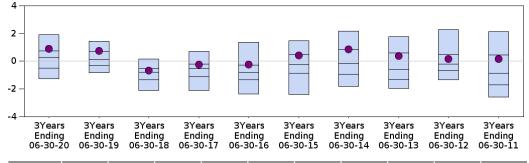
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	6.50	10.79	8.14	5.85	7.54	13.82	12.26	14.29	13.40	4.08
Rank %	20	28	30	29	13	23	20	24	35	32
В	5.61	10.00	8.26	5.66	7.25	12.64	11.18	13.88	13.22	3.91
Rank %	59	54	23	39	23	50	41	32	44	34

Statistics Relative to S&P Target Date 2040 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.42	-0.16
Beta	1.01	0.99
Sharpe Ratio	0.49	0.45
Information Ratio	0.46	-0.09
RSquared	99.34	97.78
TrackingError	1.03	1.75

Alpha Relative to S&P Target Date 2040 TR USD for 12 Quarter Rolling Periods



1		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
1	A	0.88	0.73	-0.66	-0.25	-0.23	0.42	0.86	0.36	0.15	0.15	
	Rank %	23	22	43	28	24	28	25	30	33	33	

Vanguard Target Retirement 2040 Inv

S&P Target Date 2040 TR USD





Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2045 Inv

Ticker: VTIVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2045 Benchmark: S&P Target Date 2045 TR USD

Last Quarter

18.70

17.29

17.83

227

36

Year to Date

-4.90

-6.35

-5.30

227

38

1 Year

2.97

1.20

2.10

226

38

Fund Inception Date: 10-27-2003

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.41

5.56

5.82

197

25

5 Year

6.79

6.34

6.16

156

22

10 Year

10.10

9.61

9.32

90

19

Since Inception

7.01

Total Fund Assets: \$28.08 bn Net Expense Ratio: 0.15 Fund Family: Vanguard



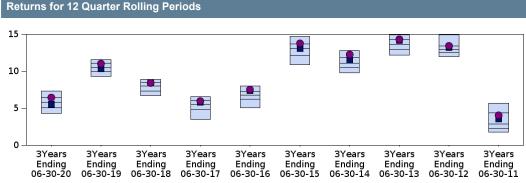
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 30 40 20 20 10 0 0 0 -10 -20 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 18.70 -4.90 2.97 6.41 6.79 10.10 A 24.94 -7.90 21.42 8.87 -1.57 7.16 24.37 15.58 -2.51 15.19 36 38 38 25 22 Rank % 19 Rank % 43 43 25 35 53 13 28 46 19 48 ■ B 17.29 -6.35 1.20 5.56 6.34 В 24.02 -7.74 15.62 9.61 19.56 9.54 -0.46 5.67 23.14 15.15 -2.56 Rank % 76 69 68 26 Rank % 68 37 78 16 57 52 62 21 31 19 Vanguard Target Retirement 2045 Inv S&P Target Date 2045 TR USD



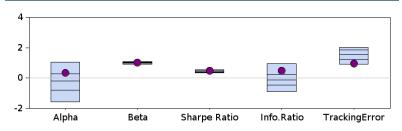
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2045 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,713.79	44,950.40
Price/Earning Ratio	18.32	17.49
Number of Holdings	5.00	21.00



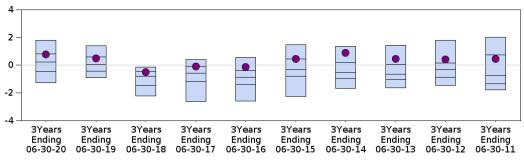
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	6.41	11.05	8.40	5.98	7.50	13.80	12.27	14.32	13.43	4.03
Rank %	25	31	33	27	14	22	17	26	29	31
В	5.56	10.32	8.52	5.81	7.38	13.09	11.50	14.16	13.25	3.59
Rank %	60	59	24	36	20	53	35	29	35	35

Statistics Relative to S&P Target Date 2045 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.33	-0.22
Beta	1.03	1.02
Sharpe Ratio	0.47	0.44
Information Ratio	0.47	-0.09
RSquared	99.54	98.66
TrackingError	0.96	1.58





	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	0.77	0.49	-0.51	-0.10	-0.14	0.46	0.89	0.47	0.41	0.44	
Rank %	28	32	31	23	17	25	17	19	18	31	

Vanguard Target Retirement 2045 Inv

S&P Target Date 2045 TR USD





Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2050 Inv

Ticker: VFIFX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2050 Benchmark: S&P Target Date 2050 TR USD

Last Quarter

18.67

17.61

18.08

239

50

Year to Date

-4.90

-6.57

-5.62

239

34

1 Year

3.02

1.05

1.78

238

34

Fund Inception Date: 06-07-2006

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

5 Year

6.79

6.42

6.13

164

21

3 Year

6.42

5.57

5.70

209

23

10 Year

10.10

9.75

9.21

83

24

Since Inception

6.71

Total Fund Assets: \$21.24 bn Net Expense Ratio: 0.15 Fund Family: Vanguard

Net Expense Ratio VFIFX AvgPeer

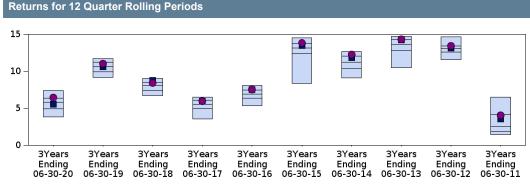
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 30 40 20 20 -10 0 • -10 -20 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 18.67 -4.90 3.02 6.42 6.79 10.10 A 24.98 -7.90 21.39 8.85 -1.58 7.18 24.34 15.58 -2.54 15.20 50 34 34 23 Rank % 21 24 Rank % 47 39 36 38 57 18 33 47 18 49 ■ B 17.61 -6.57 1.05 5.57 6.42 В -7.94 9.74 9.75 24.35 20.18 -0.47 5.69 24.13 15.49 -2.87 15.62 Rank % 68 63 31 Rank % 68 40 69 17 21 62 34 52 22 36 Vanguard Target Retirement 2050 Inv S&P Target Date 2050 TR USD



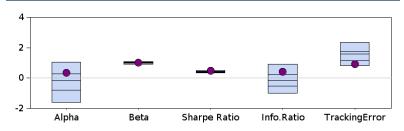
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2050 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,665.68	45,349.48
Price/Earning Ratio	18.31	17.38
Number of Holdings	5.00	20.00



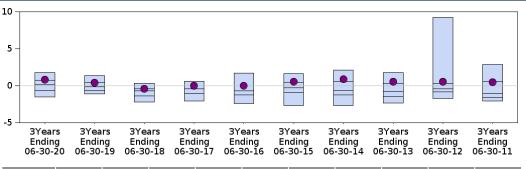
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	6.42	11.03	8.40	5.99	7.52	13.81	12.26	14.30	13.40	4.04
Rank %	23	35	37	31	22	24	18	25	33	28
В	5.57	10.61	8.75	5.96	7.54	13.52	11.83	14.23	13.16	3.58
Rank %	56	48	12	34	18	33	28	27	44	36

Statistics Relative to S&P Target Date 2050 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.35	-0.26
Beta	1.00	1.00
Sharpe Ratio	0.47	0.43
Information Ratio	0.40	-0.14
RSquared	99.53	98.00
TrackingError	0.92	1.69

Alpha Relative to S&P Target Date 2050 TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	0.82	0.41	-0.44	-0.03	-0.01	0.56	0.85	0.54	0.55	0.46
Rank %	24	29	37	26	26	23	20	22	21	28

Vanguard Target Retirement 2050 Inv

S&P Target Date 2050 TR USD





Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2055 Inv

Ticker: VFFVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2055 Benchmark: S&P Target Date 2055 TR USD

Last Quarter

18.64

17.76

18.42

227

54

Year to Date

-4.95

-6.78

-5.76

227

33

Fund Inception Date: 08-18-2010

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

5 Year

6.77

6.45

6.19

153

24

10 Year

9.87

9.37

36

Since Inception

9.97

3 Year

6.40

5.54

5.77

195

26

1 Year

2.95

0.89

1.80

226

33

Total Fund Assets: \$11.73 bn Net Expense Ratio: 0.15 Fund Family: Vanguard

Net Expense Ratio VFFVX AvgPeer

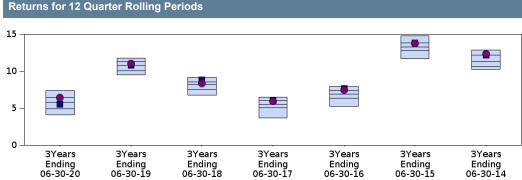
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 30 40 20 20 10 0 --10 -20 Last Year Last 3 Years Last 5 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years 2016 2015 2012 YTD 2019 2018 2017 2013 2011 A 18.64 -4.95 2.95 6.40 6.77 A 24.98 -7.89 21.38 8.88 -1.727.19 24.33 15.58 -2.27 54 33 33 26 24 52 55 Rank % Rank % 38 46 34 56 14 31 1 ■ B 17.76 -6.78 0.89 5.54 24.48 -7.97 20.48 9.94 -0.54 5.64 24.96 15.81 -2.87 6.45 B Rank % 80 71 42 Rank % 71 42 70 23 55 24 38 7 Vanguard Target Retirement 2055 Inv S&P Target Date 2055 TR USD



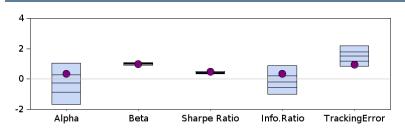
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2055 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,611.29	44,708.63
Price/Earning Ratio	18.31	17.46
Number of Holdings	5.00	20.00



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14
A	6.40	11.04	8.37	5.93	7.47	13.79	12.35
Rank %	26	41	41	33	18	28	20
В	5.54	10.80	8.86	6.03	7.64	13.85	12.19
Rank %	60	52	9	28	12	23	26

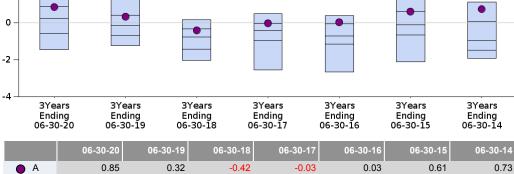
Statistics Relative to S&P Target Date 2055 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.35	-0.27
Beta	0.99	1.01
Sharpe Ratio	0.47	0.43
Information Ratio	0.33	-0.16
RSquared	99.52	98.73
TrackingError	0.94	1.56

34

Alpha Relative to S&P Target Date 2055 TR USD for 12 Quarter Rolling Periods



34

26

21

S&P Target Date 2055 TR USD

26

Vanguard Target Retirement 2055 Inv



Rank %

18



Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2060 Inv

Ticker: VTTSX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2060+ Benchmark: S&P Target Date 2055 TR USD

Last Quarter

18.61

17.76

18.53

298

62

Year to Date

-4.95

-6.78

-6.11

278

25

1 Year

2.95

0.89

1.61

254

30

Fund Inception Date: 01-19-2012

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

5 Year

6.76

6.45

6.41

63

44

3 Year

6.39

5.54

5.83

165

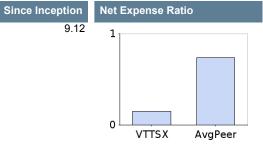
30

10 Year

9.87

0

Total Fund Assets: \$5.42 bn Net Expense Ratio: 0.15 Fund Family: Vanguard



S&P Target Date 2055 TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

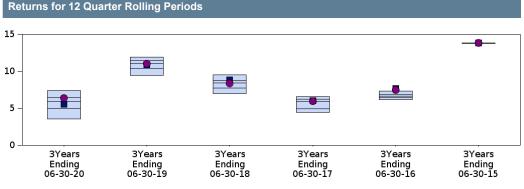
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 30 40 20 20 10 _ -10 -20 Last Year Last 3 Years Last 5 Years 2019 2018 2017 2016 2015 2014 2013 Last Quarter Year to Date Last 3 Years Last Year Last 5 Years 2019 2018 2016 2015 2014 YTD 2013 A 18.61 -4.95 2.95 6.39 6.76 A 24.96 -7.87 21.36 8.84 -1.68 7.16 24.35 Rank % 62 25 30 30 66 34 52 33 80 44 Rank % 1 1 17.76 -6.78 0.89 5.54 24.48 -7.97 20.48 9.94 -0.54 5.64 24.96 B 6.45 B Rank % 67 65 63 Rank % 81 77

Vanguard Target Retirement 2060 Inv



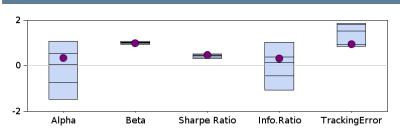
Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2060 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,583.29	43,895.41
Price/Earning Ratio	18.30	17.39
Number of Holdings	5.00	19.00



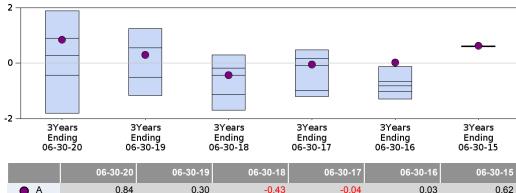
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15
• A	6.39	11.03	8.37	5.92	7.47	13.81
Rank %	29	48	64	48	1	1
В	5.54	10.80	8.86	6.03	7.64	13.85
Rank %	64	60	21	33	1	1

Statistics Relative to S&P Target Date 2055 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.35	-0.06
Beta	0.99	1.01
Sharpe Ratio	0.47	0.43
Information Ratio	0.33	0.04
RSquared	99.51	99.02
TrackingError	0.95	1.44

Alpha Relative to S&P Target Date 2055 TR USD for 12 Quarter Rolling Periods



	00-30-20	00-30-13	00-30-10	00-30-17	00-30-10	00-30-13
A	0.84	0.30	-0.43	-0.04	0.03	0.62
Rank %	30	41	53	48	1	1

Vanguard Target Retirement 2060 Inv

S&P Target Date 2055 TR USD





Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2065 Inv

Ticker: VLXVX

Fund

#Funds

Rank%

Benchmark Peers

Peer Group/Category: Morningstar Target-Date 2060+ Benchmark: S&P Target Date 2055 TR USD

Last Quarter

18.59

17.76

18.53

298

64

Year to Date

-5.03

-6.78

-6.11

278

26

1 Year

2.84

0.89

1.61

254

34

Fund Inception Date: 07-12-2017

Fund Manager: William Coleman Manager Tenure: 2.92 Years Website: www.vanguard.com

6.45

6.41

63

10 Year

9.87

0

3 Year | 5 Year

5.54

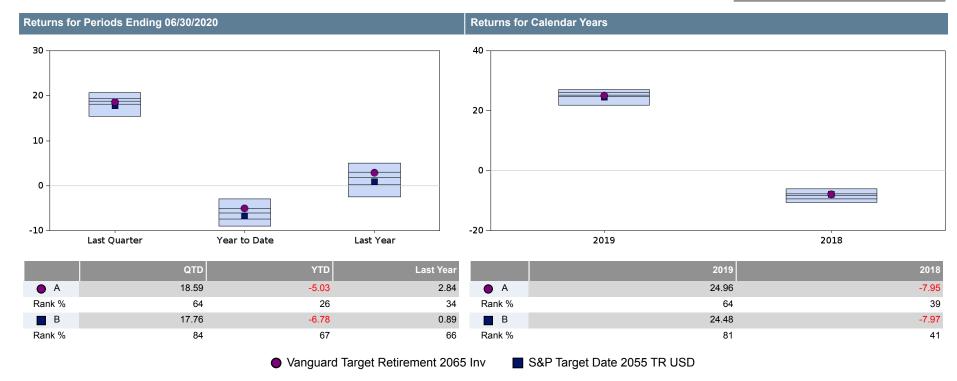
5.83

165

Total Fund Assets: \$722.32 MM Net Expense Ratio: 0.15 Fund Family: Vanguard

Net E	xpense Ra	tio
1		
٥L		
	VLXVX	AvgPeer

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	NE
Expense Ratio	Yes
Prod Hist	No
Manager Tenure	No
AUM	Yes
Alpha 5Yr	NE



Since Inception

5.74



Lansing Board of Water & Light 401(a) Plans Vanguard Target Retirement 2065 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,835.35	43,895.41
Price/Earning Ratio	18.33	17.39
Number of Holdings	5.00	19.00

Returns for 12 Quarter Rolling Periods

Insufficient data to display graph

Statistics Relative to S&P Target Date 2055 TR USD for 5 Years

Alpha Relative to S&P Target Date 2055 TR USD for 12 Quarter Rolling Periods

Insufficient data to display graph

Insufficient data to display graph

Risk Measures 5 Yr	Fund	Peer Group
Alpha	-	-0.06
Beta	-	1.01
Sharpe Ratio	-	0.43
Information Ratio	-	0.04
RSquared	-	99.02
TrackingError	-	1.44

Vanguard Target Retirement 2065 Inv

S&P Target Date 2055 TR USD

Consolidated Disclosures & Definitions

Disclaimer

The information in this report is general information only and is not intended to constitute specific legal, accounting, financial or tax advice. It is provided to assist in evaluating investments relating to your retirement plan and the general investment conditions of the marketplace, but it is not intended as the sole source upon which a determination is made.

Important Disclosure Information: This report has been prepared with data believed reliable, but no representation is made as to the data's accuracy or completion. Past performance does not guarantee future results. Current performance may be lower or higher than the past performance quoted. The investment return and principal value will fluctuate and shares when sold may be worth more or less than the original cost.

RISKS:

Investing in mutual funds, which are intended as long-term investments, involves risk, including the possible loss of principal. It is important to understand that certain types of securities and/or investment strategies employed by mutual funds may expose an investor to additional inherent risks. Investments in foreign securities are subject to special additional risks, including currency risk, political risk, and risk associated with varying accounting standards. Funds invested in emerging markets may accentuate these risks. Sector funds (those funds that invest exclusively in one sector or industry), such as technology or real estate stocks, are subject to substantial volatility due to adverse political, economic, or other developments and may carry additional risk resulting from lack of industry diversification. Non-diversified funds, which invest more of their assets in a single issuer, may experience substantial volatility due to the increased concentration of investments. Funds that invest in small or midcapitalization companies may experience a greater degree of market volatility, and potential for business failure, than those of large-capitalization stocks and are riskier investments. Bond funds have the same interest rate, inflation, and credit risks as associated with the underlying bonds owned by the fund. Generally, the value of bond funds rises when prevailing interest rates fall and falls when interest rates rise. Funds that invest in lower-rated debt securities, commonly referred to as high yield or junk bonds, have additional risks and may be subject to greater market fluctuations and risk of loss of income and principal (relative to higher-rated securities), due to the lower credit quality of the securities and increased risk of default. Bear in mind that higher return potential is accompanied by higher risk.

Although diversification is not a guarantee against loss, it is an effective strategy to help you manage risk. There is no guarantee that a diversified portfolio will outperform a non-diversified portfolio. There are no assurances that your investment objectives will be achieved.

IMPORTANT DISCLOSURES:

You should consider the investment objectives, risks, and charges and expenses of the investment options carefully before investing. The prospectuses and other comparable documents contain this and other information about the investment options. They may be obtained by calling your record keeper. You should read the prospectuses and/or other comparable documents carefully before investing.

The performance data contained herein represents past performance, which does not guarantee future results. Investment returns and principal value will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or high than the performance data quoted. Please refer to the website listed for each fund to obtain performance data current to the most recent month-end. All total returns for the funds listed assume the reinvestment of all dividends and capital gains distributions at net asset value when paid. Furthermore, the total returns do not reflect the deduction of any initial sales charges as these charges are not applicable to eligible retirement plans. Had these sales charges been deducted, results would have been lower than shown. In certain circumstances, a back-end sales charge may be assessed upon redemption of shares within a particular timeframe. Please refer to the prospectus and/or statement of additional information for specific details. Please note that there are other charges and expenses that apply to the investment options, such as management fees, which are reflected in their net investment return.

An investment in a money market fund is neither insured nor guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although a money market fund seeks to maintain the value of your investment at \$1.00 per share, it is possible to lose money by investing in a money market fund.

The stable value funds identified are collective trust funds and are not mutual funds; consequently, they are not registered with or regulated by the U.S. Securities and Exchange Commission. They are typically operated and offered by Banks and/or Trust Companies or their affiliates and are regulated by banking regulators. For a copy of the trust's "Summary Information Booklet," please call your record keeper.

The analysis was prepared solely to help in reviewing your plan. Accordingly, it may be incomplete or contain other departures from generally accepted accounting principles and should not be used to obtain credit or for any other purpose. We have not performed an audit, review, or compilation engagement in accordance with standards established by the American Institute of Certified Public Accountants

Performance shown for separate accounts prior to the first fully funded quarter, as reflected in the report, are composite performances of the separate account managers. Composite performance has been adjusted based on the management fee of each separate account currently in place within the portfolio.

EXPLANATION OF ABBREVIATED TERMS:

Cat = Category
Idx = Benchmark Index
Mstar Rating = Morningstar Rating
Tot Ret = Total Return
AnnIzd = Annualized
Exp Ratio = Expense Ratio

Std Dev = Standard Deviation AUM = Assets Under Management Ticker = Ticker Symbol Pref = Preferred Stocks Conv = Convertible Bonds Mgr = Manager

Morningstar Category Classification Definitions:

U.S. Stock:

Large Value, LCV

Large-value portfolios invest primarily in large U.S. companies that are less expensive or growing more slowly than other large-cap stocks with a market cap greater than \$10 billion. Value is defined as low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Large Blend, LCB

Large-blend portfolios are fairly representative of the overall U.S. stock market in size, growth rates, and price with a market cap greater than \$10 billion. The blend style is assigned to portfolios where neither growth nor value characteristics predominate.

Large Growth, LCG

Large-growth portfolios invest in big U.S. companies that are projected to grow faster than other large-cap stocks with a market cap greater than \$10 billion. Growth is defined as fast growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

Mid-Cap Value, MCV

The U.S. mid-cap range for market cap typically falls between \$2 - \$10 billion. Value is defined as low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Mid-Cap Blend, MCB

The U.S. mid-cap range for market cap typically falls between \$2 - \$10 billion. The blend style is assigned to portfolios where neither growth nor value characteristics predominate.

Mid-Cap Growth, MCG

The U.S. mid-cap range for market cap typically falls between \$2 - \$10 billion. Growth is defined as fast growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

Small Value, SCV

Small-value portfolios invest in small U.S. companies with valuations and growth rates below other small-cap peers with a market cap of less than \$2 billion. Value is defined as low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Small Blend, SCB

Small-blend portfolios invest in small U.S. companies with a market cap of less than \$2 billion. The blend style is assigned to portfolios where neither growth nor value characteristics predominate.

Small Growth, SCG

Small-growth portfolios invest in small U.S. companies that focus on faster-growing companies with a market cap less than \$2 billion. Growth is defined based on fast

growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

Specialty-Communications, SC

Specialty-communications portfolios concentrate on telecommunications and media companies of various kinds.

Specialty-Energy, SE

Specialty-energy portfolios concentrate on stocks of energy companies. Most concentrate on companies that produce or refine oil and gas, oilfield service and equipment companies, and pipeline operators.

Specialty-Financial, SF

Specialty-financial portfolios seek capital appreciation by investing primarily in equity securities of financial-services companies, including banks, brokerage firms, insurance companies, and consumer credit providers.

Specialty-Health, SH

Specialty-health portfolios focus on the medical and health-care industries. Most invest in a range of companies, including pharmaceutical and medical-device makers to HMOs, hospitals, biotechnology and nursing homes.

Specialty-Natural Resources, SN

Specialty-natural resources portfolios focus on commodity-based industries such as energy, chemicals, minerals, and forest products.

Specialty-Precious Metals, SP

Specialty-precious metals portfolios focus on mining stocks, though some do own small amounts of gold bullion. Most portfolios concentrate on gold-mining stocks, but some have significant exposure to silver-, platinum-, and base-metal-mining stocks as well.

Specialty-Real Estate, SR

Specialty-real estate portfolios invest primarily in real-estate investment trusts (REITs) of various types. REITs are companies that develop and manage real-estate properties.

Specialty-Technology, ST

Specialty-technology portfolios focus on high-tech businesses such as computer, semiconductor, software, networking, and Internet stocks.

Specialty-Utilities, SU

Specialty-utilities portfolios seek capital appreciation by investing primarily in equity securities of public utilities including electric, gas, and telephone-service providers.

Balanced:

Convertibles, CV

Convertible bond portfolios are designed to offer some of the capital-appreciation potential of stock portfolios while also supplying some of the safety and yield of bond portfolios. To do so, they focus on convertible bonds and convertible preferred stocks. Convertible bonds allow investors to convert the bonds into shares of stock.

Conservative Allocation, CA

Conservative-allocation portfolios seek to provide both capital appreciation and income by investing in three major areas: stocks, bonds, and cash. These portfolios tend to hold smaller positions in stocks than moderate-allocation portfolios.

Moderate Allocation, MA

Moderate-allocation portfolios seek to provide both capital appreciation and income by investing in three major areas: stocks, bonds, and cash. These portfolios tend to hold larger positions in stocks than conservative-allocation portfolios.

World Allocation, IH

World-allocation portfolios seek to provide both capital appreciation and income by investing in three major areas: stocks, bonds, and cash. While these portfolios do explore the whole world, most of them focus on the U.S., Canada, Japan, and the larger markets in Europe.

Target-Date Portfolios

Target-date portfolios provide a diversified exposure to stocks, bonds, and cash for those investors who have a specific date for retirement or another goal. These portfolios aim to provide investors with an optimal level of return and risk, based solely on the target date. Over time, management adjusts the allocation among asset classes to more conservative mixes as the target date approaches. Morningstar divides target-date funds into the following categories:

Retirement Income, Target-Date 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055

International Stock:

Foreign Large Value, FV

Foreign large-value portfolios invest mainly in large international stocks that are less expensive or growing more slowly than other large-cap stocks. Most of these portfolios divide their assets among a dozen or more developed markets. These portfolios primarily invest in stocks that have a market cap greater than \$10 billion. Value is defined based on low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Foreign Large Blend, FB

Foreign large-blend portfolios invest in a variety of large international stocks. Most of these portfolios divide their assets among a dozen or more developed markets. These portfolios primarily invest in stocks that have a market cap greater than \$10 billion. The blend style is assigned to portfolios where neither growth nor value characteristics predominate.

Foreign Large Growth, FG

Foreign large-growth portfolios invest mainly in large international stocks that focus on high-priced growth stocks. Most of these portfolios divide their assets among a dozen or more developed markets. These portfolios primarily invest in stocks that have market cap greater than \$10 billion. Growth is defined based on fast growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

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Foreign Small/Mid Value, FA

Foreign small-/mid-value portfolios invest in international stocks that are smaller and less expensive than other stocks. These portfolios primarily invest in stocks that have a market cap less than \$10 billion and divide their assets among a dozen or more developed markets. Value is defined based on low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Foreign Small/Mid Growth, FR

Foreign small-/mid-growth portfolios invest in international stocks that are smaller, growing faster, and higher-priced than other stocks. These portfolios primarily invest in stocks that have a market cap less than \$10 billion and divider their assets among a dozen or more developed markets. Growth is defined based on fast growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

World Stock, WS

World-stock portfolios have few geographical limitations. It is common for these portfolios to invest the majority of their assets in the U.S., Europe, and Japan, with the remainder divided among the globe's smaller markets.

Diversified Emerging Mkts, EM

Diversified emerging-markets portfolios tend to divide their assets among 20 or more nations, although they tend to focus on the emerging markets of Asia and Latin America rather than on those of the Middle East, Africa, or Europe.

Pacific/Asia ex-Japan Stk, PJ

Pacific/Asia ex-Japan stock portfolios cover a wide geographic range. Most of these portfolios focus on export-oriented nations such as Hong Kong, Singapore, Taiwan, and Korea.

Taxable Bond:

Long Government, GL

Long-government portfolios have at least 90% of their bond holdings invested in bonds backed by the U.S. government or by government-linked agencies. This backing minimizes the credit risk of these portfolios, as the U.S. government is unlikely to default on its debt. They are not risk free, though. Because these portfolios have durations of more than six years (or, if duration is unavailable, average effective maturities greater than 10 years), they are more sensitive to interest rates, and thus riskier, than portfolios that have shorter durations.

Intermediate Government, GI

Intermediate-government portfolios have at least 90% of their bond holdings in bonds backed by the U.S. government or by government-linked agencies. This backing minimizes the credit risk of these portfolios, as the U.S. government is unlikely to default on its debt. These portfolios have durations between 3.5 and six years (or, if duration is unavailable, average effective maturities between four and 10 years).

Consequently, the group's performance—and its level of volatility--tends to fall between that of the short government and long government bond categories.

Short Government, GS

Short-government portfolios have at least 90% of their bond holdings in bonds backed by the U.S. government or by government-linked agencies. This backing minimizes the credit risk of these portfolios, as the U.S. government is unlikely to default on its debt. These portfolios have durations between one and 3.5 years (or, if duration is unavailable, average effective maturities between one and four years), so they have relatively less sensitivity to interest rates, and thus low risk potential.

Inflation-Protected Bond, IP

Inflation-protected bond portfolios invest primarily in debt securities that adjust their principal values in line with the rate of inflation. These bonds can be issued by any organization, but the U.S. Treasury is currently the largest issuer for these types of securities.

Long-Term Bond, CL

Long-term bond portfolios invest primarily in corporate and other investment-grade U.S. fixed income issues and have durations of more than six years (or, if duration is unavailable, average effective maturities greater than 10 years). Due to their long durations, these portfolios are exposed to greater interest rate risk.

Intermediate-Term Bond, CI

Intermediate-term bond portfolios invest primarily in corporate and other investment-grade U.S. fixed-income issues and have durations of 3.5 to six years (or, if duration is unavailable, average effective maturities of four to 10 years). These portfolios are less sensitive to interest rates, and therefore less volatile, than portfolios that have longer durations.

Short-Term Bond, CS

Short-term bond portfolios invest primarily in corporate and other investment-grade U.S. fixed income issues and have durations of one to 3.5 years (or, if duration is unavailable, average effective maturities of one to four years). These portfolios are attractive to fairly conservative investors, because they are less sensitive to interest rates than portfolios with longer durations.

Ultrashort Bond, UB

Ultrashort bond portfolios invest primarily in investment-grade U.S. fixed-income issues and have durations of less than one year (or, if duration is unavailable, average effective maturities of less than one year). This category can include corporate or government ultrashort bond portfolios, but it excludes international, convertible, multisector, and high yield bond portfolios. Due to their focus on bonds with very short durations, these portfolios offer minimal interest rate sensitivity and therefore low risk and total return potential.

Stable Value, SVF

Stable-value portfolios seek to provide income while preventing price fluctuations. The most common stable-value portfolios invest in a diversified portfolio of bonds and enter into wrapper agreements with financial companies to guarantee against fluctuations in their share prices. These wrapper agreements typically provide price stability on a day-

to-day basis, thereby insulating each portfolio's net asset value from interest-rate volatility. Therefore, the duration for each of these funds is essentially zero.

High Yield Bond, HY

High-yield bond portfolios concentrate on lower-quality bonds, which are riskier than those of higher-quality companies. These portfolios generally offer higher yields than other types of portfolios, but they are also more vulnerable to economic and credit risk. These portfolios primarily invest in U.S. high-income debt securities where at least 65% or more of bond assets are not rated or are rated by a major agency such as Standard & Poor's or Moody's at the level of BB (considered speculative for taxable bonds) and below.

Multisector Bond, MU

Multisector bond portfolios seek income by diversifying their assets among several fixed income sectors, usually U.S. government obligations, U.S. corporate bonds, foreign bonds, and high-yield U.S. debt securities. These portfolios typically hold 35% to 65% of bond assets insecurities that are not rated or are rated by a major agency such as Standard & Poor's or Moody's at the level of BB (considered speculative for taxable bonds) and below.

World Bond, IB

World bond portfolios invest 40% or more of their assets in foreign bonds. Some world bond portfolios follow a conservative approach, favoring high-quality bonds from developed markets. Others are more adventurous, and own some lower-quality bonds from developed or emerging markets. Some portfolios invest exclusively outside the U.S., while others regularly invest in both U.S. and non-U.S. bonds.

Money Market:

Taxable Money Market, TM

These portfolios invest in short-term money market securities in order to provide a level of current income that is consistent with the preservation of capital.

Index Definitions:

Fixed Income Indices

Bloomberg Barclays Aggregate Index covers the U.S. investment-grade fixed-rate bond market, including government and credit securities, agency mortgage pass-through securities, asset-backed securities, and commercial mortgage-based securities.

Bloomberg Barclays U.S. Government Bond Index is comprised of both the Treasury and Agency indices.

Bloomberg Barclays 1-3 Year Government Bond Index includes the Treasury Bond and the Agency Bond indices that have maturities of one to three years.

Bloomberg Barclays 1-3 Year Government/Credit Index includes the Bloomberg Barclays Government and Bloomberg Barclays Corporate Bond indices that have maturities of one to three years.

Bloomberg Barclays U.S. Credit Bond Index is comprised of publicly issued U.S. corporate and specified foreign debentures and secured notes that meet the specified maturity, liquidity, and quality requirements.

Bloomberg Barclays Intermediate U.S. Government/Credit Index is composed of all bonds covered by the Bloomberg Barclays U.S. Government Bond and U.S. Credit Indices with maturities between 1 and 9.99 years. The index includes all publicly issued, fixed rate, nonconvertible investment-grade corporate debt. Issues are rated at least Baa by Moody's Investors Service or BBB by S&P, if unrated by Moody's. Collateralized Mortgage Obligations (CMOs) are not included, Total return comprises price appreciation/ depreciation and income as a percentage of the original investment.

Bloomberg Barclays Long Term Government/Credit Index includes the Government and Corporate indices that have maturities of 10 years or longer.

Bloomberg Barclays Mortgage Backed Securities Index covers the mortgage-backed passthrough securities of Ginnie Mae (GNMA), Fannie Mae (FNMA), and Freddie Mac (FHLMC).

Bloomberg Barclays High Yield Index is a weighted index comprised of all fixed income securities having a maximum quality rating of Ba1 (including defaulted issues), a minimum outstanding amount of \$150 million and at least one year to maturity.

Bloomberg Barclays Global Aggregate Bond Index provides a broad-based measure of the global investment-grade fixed income markets. The three major components of this index are the U.S. Aggregate, the Pan-European Aggregate, and the Asian-Pacific Aggregate Indices, The index also includes Eurodollar and Euro-Yen corporate bonds, Canadian Government securities, and USD investment grade 144A securities.

Bloomberg Barclays Capital U.S. TIPS Index measures the performance of inflation-protected bonds.

Bloomberg Barclays Capital U.S. Universal Index measures represents the union of the U.S. Aggregate Index, U.S. Corporate High-Yield, Investment Grade 144A Index, Eurodollar Index, U.S. Emerging Markets Index, and the non-ERISA eligible portion of the CMBS Index. The index covers USD- denominated, taxable bonds that are rated either investment-grade or below investment-grade.

Bloomberg Barclays Intermediate Government Bond Index includes those indices found in the Bloomberg Barclays Government Index that have a maturity of one to three years.

Bloomberg Barclays Long Term Government Bond Index includes those indexes found in the Bloomberg Barclays Government index, which has a maturity of 10 years or more. The returns we publish for the index are total returns, which include reinvestment of dividends.

Morgan Stanley Capital International (MSCI) Indices

MSCI EAFE Index is a weighted, unmanaged index of the performance of 1,100 securities in major overseas stock markets of Europe Australasia, and the Far East.

MSCI EAFE Growth Index includes those firms in the MSCI EAFE Index with higher Price/Book Value (P/B ratios relative to their respective MSCI country index.

MSCI EAFE Value Index includes those firms in the MSCI EAFE Index with lower Price/Book Value (P/BV) ratios relative to their respective MSCI country index.

MSCI EAFE Small Cap Index includes small cap firms in the MSCI EAFE Index

MSCI World Index is a weighted, unmanaged index of the performance of approximately 1,500 securities listed on the stock exchanges of the U.S., Europe, Australia, and the Far East.

MSCI Pacific ex. Japan index measures the performance of stock markets in Australia, Hong Kong, New Zealand, and Singapore, and Malaysia.

MSCI Emerging Markets Index is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. The MSCI Emerging Markets Index consisted of the following 26 emerging market country indices: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Hungary, India, Indonesia, Israel, Jordan, Korea, Malaysia, Mexico, Morocco, Pakistan, Peru, Philippines, Poland, Russia, South Africa, Taiwan, Thailand, Turkey and Venezuela.

MSCI AC Pacific Index is a free float-adjusted market capitalization index that is designed to measure the equity market performance in the Pacific region. The MSCI AC Pacific Index consisted of the following 12 emerging and developed market countries: Australia, China, Hong Kong, Indonesia, Japan, Korea, Malaysia, New Zealand, Philippines, Singapore, Taiwan, and Thailand.

Dow Jones Indices

Dow Jones Aggressive Portfolio Index is a benchmark designed for asset allocation strategists who are willing to take 100% of the risk of the global securities market.

Dow Jones Conservative Portfolio Index is a benchmark designed for asset allocation strategists who are willing to take 20% of the risk of the global securities market.

Dow Jones Moderate Portfolio Index is a benchmark designed for asset allocation strategists who are willing to take 60% of the risk of the global securities market.

Dow Jones U.S. Industry Indexes are the benchmarks designed for specific sectors which represent approximately 95% of U.S. market capitalization. The indexes are: DJ U.S. Basic Material Index, Consumer Goods Index, Consumer Services Index, Financials Index, Heath Care Index, Industrials Index, Oil & Gas Index, Technology Index, Telecommunications Index, and the Utilities Index.

Russell Style Indices

The **Russell 3000® Index** measures the performance of the 3,000 largest U.S. companies based on total market capitalization, which represents approximately 90% of

the investable U.S. equity market. Subsets of this index include the **Russell 2000® Index**, which measures the performance of the 2,000 smallest companies in the Russell 3000, the **Russell 1000®** Index, which measures the performance of the 1,000 largest companies in the Russell 3000. The Russell 2000 Value Index, Russell 1000 Value Index and Russell Midcap Value Index measure the performance of those companies in the respective broad index with lower price-to-book ratios and lower forecasted growth values. The Russell 2000 Growth Index, Russell 1000 Growth Index and Russell Midcap Growth Index measure the performance of those companies in the respective broad index with higher price-to-book ratios and higher forecasted growth values.

Standard & Poor's Indices

The **Standard & Poor's 500** is an unmanaged capitalization-weighted index of 500 stocks generally representative of large companies (as measured by market capitalization). The **Standard & Poor's Midcap 400**® and **Small cap 600**® are unmanaged indices generally representative of mid-sized and small companies respectively. Investors cannot invest directly in an index.

S&P Target Date Indexes are representative of the investment opportunity available to investors through existing target date funds with asset class exposures driven by a survey of such funds for each particular target date. The series is comprised of the following nine indicies: **S&P Target Date Retirement Income, 2010, 2015, 2020, 2025, 2030, 2035, 2040, and 2045+**.

S&P Goldman Sachs Commodity Indexes contains composite index of commodity sectors which represents a broadly diversified, unleveraged, long-only position in commodity futures. The indexes includes: Energy, Industrial Metals, Precious Metals, Agriculture, Livestock, and Natural Resources.

S&P 1500 Energy Index is an unmanaged capitalization-weighted index comprising of companies in the Energy sector as determined by S&P.

Glossary:

12b-1 Fees

A fee used to pay for a mutual fund's distribution costs. It is often used as a commission to brokers for selling the fund.

Annualized Returns

Returns for periods longer than one year are expressed as "annualized returns." This is equivalent to the compound rate of return which, over a certain period of time, would produce a fund's total return over that same period.

Alpha

Alpha is a measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. A positive alpha

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figure indicates the portfolio has performed better than its beta would predict. In contrast, a negative alpha indicates the portfolio has underperformed, given the expectations established by beta.

Asset Allocation

Income and capital appreciation are dual goals for funds in this objective. Managers often use a flexible combination of stocks, bonds, and cash; some, but not all, shift assets frequently based on analysis of business-cycle trends.

Benchmark

Benchmark is a measure to compare the fund's returns with to judge its performance.

Beta

A measure of a fund's sensitivity to market movements. The beta of the market is 1.00 by definition. Morningstar calculates beta by comparing a fund's excess return over Treasury bills to the market's excess return over Treasury bills, so a beta of 1.10 shows that the fund has performed 10% better than its benchmark index in up markets and 10% worse in down markets, assuming all other factors remain constant. Conversely, a beta of 0.85 indicates that the fund's excess return is expected to perform 15% worse than the market's excess return during up markets and 15% better during down markets

Category Average

Category averages measure how a category performed over a specific time period while correcting for the effects of survivorship-bias, recently-incepted funds and category changes.

Category Percentile Ranking

The fund's total-return percentile rank relative to all funds that have the same Morningstar Category. The highest (or most favorable) percentile rank is 1 and the lowest (or least favorable) percentile rank is 100. The top-performing fund in a category will always receive a rank of 1.

Expense Ratio

The percentage of fund assets paid for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Sales charges are not included in the expense ratio.

Plan Inception Date

Date that the fund, regardless of share class, was added to the Plan.

Inception Date

Date the fund commenced operations.

Index Funds

Index funds are funds that track a particular index and attempt to match its returns. While index funds typically have a much larger portfolio than a mutual fund, the index fund's management may study the index's movements to develop a representative sampling, and match sectors proportionately.

Information Ratio

The information ratio is a measure of the consistency of excess return. The ratio is calculated by taking the annualized excess return over a benchmark (numerator) and dividing it by the standard deviation of excess return (denominator).

Manager

The name of the individual or individuals who are employed by the advisor or subadvisor who are directly responsible for managing the fund's portfolio

Manager Tenure

The number of years that the current manager has been the portfolio manager of the fund. For funds with more than one manager, the average tenure is shown.

Median Market Cap

Median refers to the midpoint of the range numbers that are arranged in order of value (lowest to highest). The market cap is the company's value, determined by multiplying the current number of shares outstanding by the current stock price for one share.

Morningstar Category

The investment category assigned by Morningstar based on the underlying securities in each portfolio. Morningstar categories help make meaningful comparisons between funds

Morningstar Rating

Morningstar rates mutual funds from 1 to 5 stars based on how well they've performed (one being the lowest, 5 stars being the highest possible ranking) in comparison to similar funds. Within each Morningstar Category, the top 10% of funds receive 5 stars and the bottom 10% receives 1 star. Funds are rated for up to three time periods-three-, five-, and 10-years and these ratings are combined to produce an overall rating.

Price/Earnings Ratio

Ratio used to compare a company's current share price to its per share earnings. It is calculated by dividing the market value per share by the earnings per share.

R-squared

R-squared measures (on a scale of 0 to 100) the amount of movement of a fund's return that can be explained by that fund's benchmark. An R-squared of 100 means that all movements of a fund are completely explained by movements in the associated index (benchmark).

Redemption Fee

An annual amount charged when assets are withdrawn from some funds. Unlike deferred fees, however, some redemption fees go back into the fund itself, rather than into the fund company's pockets, and thus do not represent a net cost to shareholders.

Share Classes

Shares of the same fund that offer different shareholder rights and obligations, such as different fee and load charges. Common share classes are A (front-end load), B (deferred fees), C (no sales charge and a relatively high annual 12b-1 fee, such as 1.00%). Multi-class funds hold the same investment portfolio for all classes, and differ only in their surrounding fee structure.

Sharpe Ratio

The Sharpe Ratio is a risk-adjusted measure. It is calculated by using standard deviation and excess return to determine reward per unit of risk. The higher the Sharpe Ratio, the better the portfolio's historical risk-adjusted performance. It can be used to

compare two portfolios directly on how much excess return each portfolio achieved for a certain level of risk.

Peer Benchmark

A proprietary tailored benchmark based on the average performance of appropriate peer groups. The weightings of each average peer group return varies over time to make it comparable to the weightings of the portfolio over the same periods. Comparing portfolio performance to this benchmark helps to assess performance against peers. The Benchmark was rebalanced quarterly.

Weighted Benchmark

A tailored benchmark constructed of a combination of investment indexes weighted based on the individual manager's allocations within the overall portfolio. Specific components of the Weighted Benchmark may include the Bloomberg Barclays Capital U.S. Aggregate Index, the Russell 3000 Index, and the MSCI EAFE Index. Other indexes may be included that PMFA feels appropriately represents the manager or peer group.

Time Weighted Return (TWR)

A method of calculating the return of an investment or portfolio that gives the same weight to time periods, regardless of cash flows into or out of the investment or portfolio. Because TWR eliminates or substantially reduces the impact of cash flows on a portfolio, it is the calculation that fairly compares the performance of the portfolio to another manager or index. However, certain underlying assumptions must be made relative to cash flows in calculating TWR that may result in nominal differences in calculated returns reported by different sources for a given period. Returns greater than 1 year are annualized.

Cumulative Return

The profit or loss, calculated as a percentage, on a given investment or portfolio of investments over a given period of time. Within the context of this report, cumulative return measures the return of the portfolio and broad index since inception through the date of this report.

Ticker

This symbol represents a fund's or a company's stock on an exchange. The ticker can be the most dependable way to identify a security, because it is less likely to change than a security name

Stable Value Disclosure

Some collective trusts engage in securities lending programs in an effort to add additional return for investors. Securities lending programs are associated with various risks, including those associated with collateral management and counterparties.

For Stable Value funds, fees include wrap fees, sub-advisor management fees, management fees, revenue sharing, and administrative fees. Stable Value funds may calculate performance differently depending on their use of sub-advisors and calculation methodology. Detailed performance calculations are available for each Stable Value fund upon request.





Lansing Board of Water & Light 457(b) Deferred Compensation Plan

Investment Review

Advising Team:

Plante Moran Financial Advisors pmfainstitutional@plantemoran.com



Lansing Board of Water & Light 457(b) Deferred Compensation Plan **Table Of Contents**

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PMFA Market Perspectives – Quarterly Commentary Second Quarter 2020

Although we're only halfway through, 2020 has been a year that none of us will soon forget. To varying degrees, the array of health, societal, and economic challenges that have arisen appear likely to be with us for some time. We acknowledge that we live in uncertain times; we'd also acknowledge the challenges and periods of uncertainty that we've previously seen over time. Each might be different, but each can still create a sense of anxiety, of frustration, of fear, or of anger.

As your financial advisor, we don't seek to offer answers to many of these challenges, particularly those outside our area of expertise. Instead, we remain committed to providing you with perspective, leveraging our expertise to serve you, and developing and implementing strategies that will allow you to reach your financial goals and objectives even in the face of uncertainty.

Against that backdrop, the strength of global equity markets and corresponding rebound in equity performance in the last three months may be surprising. Evidence that the economy is already emerging from an exceptionally rapid and severe economic slowdown is certainly welcome. Most data on the labor market and consumer activity in the past month has been not only positive, but in most cases far exceeded expectations.

The S&P posted its strongest quarterly gain in over two decades in the second quarter, ending just shy of where it began the year - an impressive feat given that the rally started while the economy was rapidly deteriorating.

That impressive surge has led some to question the seeming disconnect between the economy and the capital markets. On the one hand, the economy is working to rebound from what will go down in the record books as the worst (albeit potentially shortest) recession in post-WWII history. On the other, broad equity markets have rallied strongly from their troughs, recouping much of the ground lost earlier this year. In an ironic twist, the S&P 500 Index returned to positive territory for the year on June 8 - the same day the National Bureau of Economic Research's Business Cycle Dating Committee announced that the economy had entered a recession, officially ending the United States' record-setting 128-month expansion.

To help reconcile this divide, we're reminded of a simple truism that is all too often misunderstood: the stock market is not the economy. History clearly demonstrates that equity markets are forward-looking and tend to lead turning points in the economy by about four months on average. Of course, the speed of the onset of this recession shortened the current cycle's lead time. Conversely, this recession may prove to be the shortest in U.S. history. With unprecedented support from both fiscal and monetary policymakers in Washington (with more fiscal stimulus anticipated), equity markets have shifted their focus beyond the current and toward the green shoots that suggest that economic recovery is now well underway and is more robust than consensus forecasts had projected.

Still, the road ahead for the U.S. economy is far from clear, and the path may be bumpy until the threat created by COVID- 19 is perceived to be under control, likely resulting from the



PMFA Market Perspectives – Quarterly Commentary Second Quarter 2020

availability of an effective treatment or vaccine. The recent resurgence in cases prompting several states to pause their reopening plans or even put new restrictions in place is a clear example of the lingering risk. Similarly, equity markets are not immune to these risks, and the potential for additional periods of volatility cannot be ruled out.

Although our individual experiences vary, there's no question that we are all adapting to significant change in our lives brought about by this global pandemic. Still, the fundamental principles of investing remain unchanged. No one knows what the second half of 2020 will bring, but we do know that the importance of having a well-conceived plan and sticking to a disciplined investment strategy has never been greater.

The current period of uncertainty will pass. Effective decisionmaking today will plant the seeds that will allow you to navigate the near term and position yourself to successfully achieve your goals in the long term.

For our ongoing perspectives, we encourage you to explore our leadership "Wealth thought by visitina the Management/OurThinking" section of our website, plantemoran.com. Access to these insights will also be delivered to you via our monthly "Learn, Lead, Legacy" email, which includes timely updates surrounding wealth management and Plante Moran. Please contact your relationship manager if you would like to subscribe.

Administrative Matters

We've provided this information regarding your account(s) based on sources we believe to be reliable and accurate. We urge you to take a moment to compare the account balances and positions contained in your report to those balances reflected on the statements that you receive directly from your account's custodian. Please contact us or the account custodian with any questions you may have. Also, please notify us promptly if you do not receive statements on all accounts from the custodian on at least a quarterly basis.

ADV PART 2A OFFER AND FORM CRS

Previously, we provided you with a complete copy of our Form ADV Part 2A that provided important information about our current organizational structure, breadth of services, the investment philosophy that we employ, and our fee structure.

We're including a copy of PMFA's Customer Relationship Summary (Form CRS), which provides important information regarding your relationship with PMFA.

We'll provide you a new brochure or Form CRS at any time, without charge. Our brochure and Form CRS are also available website. our on plantemoran.com/wealthmanagement from your relationship manager or from David T. Doyle, chief compliance officer of PMFA at dave.doyle@plantemoran.com or (248) 223-3611.

Additional information about PMFA is also available via the SEC's website adviserinfo.sec.gov. The SEC's website also provides information about any persons affiliated with PMFA who are registered as investment advisor representatives of PMFA.

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Please do not hesitate to contact us.

Very truly yours,

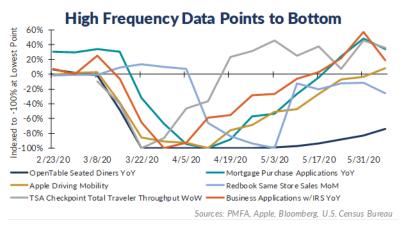
PLANTE MORAN FINANCIAL ADVISORS

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PMFA Market Perspectives Second Quarter 2020

Has the economy entered recovery territory?



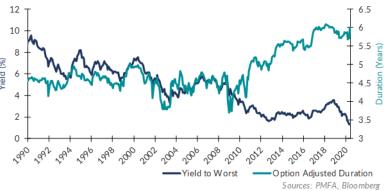
As the U.S. economy begins to reopen, there's a growing sense of relief that day-to-day restrictions are being lifted, even if it's tempered by the realization that the virus itself hasn't been eradicated and another wave could result in additional restrictions being reintroduced at some point. What does this all mean for the economy? As with the health risk itself, recent developments don't signal an "all clear," but do indicate that activity likely bottomed out in April.

Hard data like GDP is reported at a lag, limiting its timeliness and value. Instead, we can look toward high-frequency data that's much timelier to help confirm a turning point in the cycle. As illustrated above, measures of mobility and travel have perked up, and retailers are benefiting. The fact that business applications and mortgages for new home purchases are improving are also very telling.

Recently, the positive effects are materializing in other data as well, such as the May retail sales report, which came in much stronger than expected. It will take time for overall output and employment to return to their prepandemic levels. There is growing evidence that the recovery is underway, although risks remain. Further volatility is certainly possible, but a return to growth bodes well for risk assets including stocks.

Given the solid returns for bond indexes this year, why shouldn't I just index my bond portfolio?





Interest in passive (index) investments has grown significantly in recent decades, with more investors turning to low-cost index options. Investors seeking a taxable core U.S. fixed income strategy may invest in index funds that seek to replicate the returns of the Bloomberg Barclays U.S. Aggregate Index (the "Agg"). Investors should be aware that index characteristics can change considerably over time, which can also expose the investor to unwanted, and avoidable, risks.

As interest rates have fallen in recent decades, the Agg's yield has also declined. Increasingly, those low yields and growing treasury exposure in the index have lifted the index's duration (or degree of interest rate sensitivity). When yields are falling, that longer duration can be beneficial; however, with interest rates now exceptionally low, a long-duration portfolio creates additional downside risk to investors should interest rates rise. At the same time, the incremental yield provided by long-term treasuries is limited, suggesting that investors aren't being well compensated for taking that risk.

Active bond managers have an advantage in their ability to create a highquality portfolio, while seeking opportunities to add value and manage around unwanted risks. There is a place for indexing in investment portfolios, but it isn't without risk. As with any investment, understanding those risks is critical.



CPA, CFP®, CIMA® Chief Investment Officer



TRICIA NEWCOMB CIMA® Associate Senior Strategy Analyst



ERIC DAHLBERG Associate Senior Equity Analyst

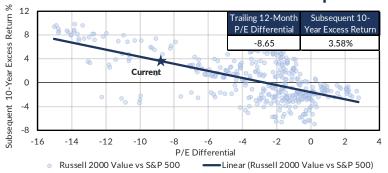


PAUL OLMSTED CIMA* Associate Senior Fixed Income Analyst

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Do valuations make a case for small-cap value stocks?

Relative Valuations Attractive for Small Cap Value



Data from Dec. 1978 - May 2020 Sources: PMFA, FTSE Russell, Morningstar

Across equity markets, valuations paint a divergent picture. Within the U.S. market, large-cap stocks look comparatively expensive on a price/earnings basis, while small-cap value stocks look increasingly cheap compared to their long-term historical averages. In the near term, valuations can remain quite stretched and could become even more so before normalizing. Over longer periods though, the historical evidence is clear: price matters. Over longer periods, investing in a stock, a sector, or a market when they're out of favor rather than those where prices are stretched generally leads to superior returns.

Large-cap stocks have outperformed smaller companies for several years; that dynamic has continued through the selloff and subsequent rebound this year. The result is a valuation discrepancy that has become quite pronounced, with small-cap value stocks in particular looking increasingly attractively priced compared to blue-chip growth stocks. Since 1978, when relative valuations have reached these levels, the Russell 2000 Value Index (small-cap value stocks) has outperformed the S&P 500 by an average of about 3.5% annually over the subsequent decade.

A word of caution: Valuations alone aren't good timing indicators, and prices could become even more stretched. For long-term investors though, the opportunity is clear.

What does the rebound in manufacturing signal for stocks?

Average Returns Post PMI Bottom

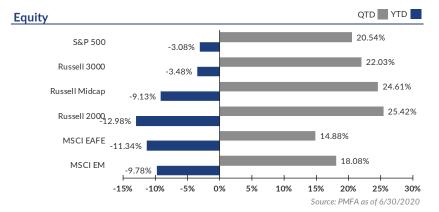


At times, the stock market can appear to be disconnected from the real economy, performing well despite negative economic news or vice versa (see previous piece). Since late March, large-cap growth companies have experienced a strong rebound even as the economy was contracting sharply. Notably, cyclically sensitive small-cap value stocks also were hard hit during the downturn but have since lagged as equities surged. With data now indicating that the economy is also in recovery, should we expect these same trends to persist? Looking to the manufacturing sector may provide insight.

As illustrated in the chart above, when manufacturing activity rebounds from the bottom, small-cap value stocks (measured by the Russell 2000 Value Index) have typically outperformed their large-cap peers over the ensuing three years. Why? First, small companies tend to do less business overseas and are thus more closely tied to the U.S. economy than large multinational firms. Secondly, the small-cap value index has much higher exposure to financials and industrials that are more sensitive to cyclical fluctuations and can benefit disproportionally when the economy accelerates.

The recent surge in COVID-19 cases creates some risk to the near-term outlook for the economic recovery, but a durable rebound in growth should benefit small-cap stocks.

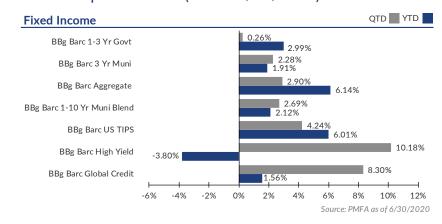
Equity performance (ended 6/30/2020)



Equity markets rebounded significantly over the second quarter, posting double digit returns across all major indices. Domestically, small caps, which were hit hardest in the downturn, saw the best performance, returning over 25% for the quarter. However, large cap stocks were not far behind, with the S&P 500 posting a gain of over 20%. International stocks lagged the U.S., but still saw strong performance, returning around 15% for the quarter.

The rebound in economic activity was stronger than many had expected, and this provided support to equities and other risk assets. Market volatility may remain elevated, however, as the number of new COVID-19 cases has continued to increase in the United States.

Fixed income performance (ended 6/30/2020)



Fixed income markets saw very strong performance over the period, with all sectors posting positive numbers for the quarter.

Credit sectors in particular posted strong returns, with Bloomberg Barclays High Yield Index posting a 10.18% return for the period, as the reopening of major economies sparked a significant shift in investor sentiment. Signs of a stronger than expected economic rebound was supportive of risk assets broadly, though traditional safe-haven asset such as U.S. treasuries saw strong performance as well.

Disclosures

Past performance does not guarantee future results. All investments include risk and have the potential for loss as well as gain.

Data sources for peer group comparisons, returns, and standard statistical data are provided by the sources referenced and are based on data obtained from recognized statistical services or other sources believed to be reliable. However, some or all of the information has not been verified prior to the analysis, and we do not make any representations as to its accuracy or completeness. Any analysis nonfactual in nature constitutes only current opinions, which are subject to change. Benchmarks or indices are included for information purposes only to reflect the current market environment; no index is a directly tradable investment. There may be instances when consultant opinions regarding any fundamental or quantitative analysis may not agree.

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PMFA Market Perspectives Second Quarter 2020

Trailing Returns as of June 30, 2020

Calendar Year Returns

	Quarter To Date	Year To Date	Annualized Latest 1 Year	Annualized Latest 3 Years	Annualized Latest 5 Years	Annualized Latest 10 Years	2019	2018	2017	2016	2015
Fixed Income											
Bloomberg Barclays 1-3 Yr Government	0.26	2.99	4.12	2.71	1.86	1.36	3.59	1.58	0.45	0.87	0.57
Bloomberg Barclays 3 Yr Municipal	2.28	1.91	3.12	2.36	1.95	1.83	3.67	1.76	1.56	0.08	1.18
Bloomberg Barclays U.S. Aggregate Bond	2.90	6.14	8.74	5.32	4.30	3.82	8.72	0.01	3.54	2.65	0.55
Bloomberg Barclays 1-10 Year Muni	2.69	2.12	3.83	3.29	2.97	3.09	5.63	1.64	3.49	-0.10	2.45
Bloomberg Barclays U.S. Treasury U.S. TIPS	4.24	6.01	8.28	5.05	3.75	3.52	8.43	-1.26	3.01	4.68	-1.44
Equity											
Russell 3000	22.03	-3.48	6.53	10.04	10.03	13.72	31.02	-5.24	21.13	12.74	0.48
Russell 3000 Growth	27.99	8.98	21.94	18.21	15.23	16.92	35.85	-2.12	29.59	7.39	5.09
Russell 3000 Value	14.55	-16.74	-9.42	1.41	4.41	10.23	26.26	-8.58	13.19	18.40	-4.13
S&P 500	20.54	-3.08	7.51	10.73	10.73	13.99	31.49	-4.38	21.83	11.96	1.38
S&P 500 Sec/Cons Disc	32.86	7.23	12.59	15.29	13.21	18.19	27.94	0.83	22.98	6.03	10.11
S&P 500 Sec/Cons Staples	8.12	-5.66	3.62	5.03	7.22	11.79	27.61	-8.38	13.49	5.38	6.60
S&P 500 Sec/Energy	30.51	-35.34	-36.09	-12.46	-9.18	0.21	11.81	-18.10	-1.01	27.36	-21.12
S&P 500 Sec/Financials	12.20	-23.62	-13.92	0.11	5.41	9.68	32.13	-13.03	22.18	22.80	-1.53
S&P 500 Sec/Health Care	13.59	-0.81	10.90	10.30	8.14	15.72	20.82	6.47	22.08	-2.69	6.89
S&P 500 Sec/Industrials	17.01	-14.64	-9.02	1.91	6.73	11.76	29.37	-13.29	21.03	18.86	-2.53
S&P 500 Sec/Information Technology	30.53	14.95	35.90	26.83	23.41	20.49	50.29	-0.29	38.83	13.85	5.92
S&P 500 Sec/Materials	26.01	-6.92	-1.11	3.90	5.44	9.85	24.58	-14.70	23.84	16.69	-8.38
S&P 500 Sec/Communication Services	20.04	-0.31	11.08	8.58	7.18	10.58	32.69	-12.53	-1.25	23.49	3.40
S&P 500 Sec/Utilities	2.73	-11.14	-2.11	6.41	10.17	11.31	26.35	4.11	12.11	16.29	-4.85
Russell Mid Cap	24.61	-9.13	-2.24	5.79	6.76	12.35	30.54	-9.06	18.52	13.80	-2.44
Russell 2000	25.42	-12.98	-6.63	2.01	4.29	10.50	25.52	-11.01	14.65	21.31	-4.41
MSCI EAFE	14.88	-11.34	-5.13	0.81	2.05	5.73	22.01	-13.79	25.03	1.00	-0.81
MSCI ACWI Ex U.S.	16.12	-11.00	-4.80	1.13	2.26	4.97	21.51	-14.20	27.19	4.50	-5.66
MSCI EAFE Local	12.60	-10.53	-4.24	1.26	2.63	6.86	21.67	-10.99	15.23	5.34	5.33
MSCIEM	18.08	-9.78	-3.39	1.90	2.86	3.27	18.42	-14.57	37.28	11.19	-14.92
Alternatives											
Bloomberg Barclays High Yield	10.18	-3.80	0.03	3.33	4.79	6.68	14.32	-2.08	7.50	17.13	-4.47
Bloomberg Barclays Global Credit	8.30	1.56	4.38	4.17	4.31	4.62	11.02	-3.29	9.19	5.43	-3.39
HFRX Global Hedge Fund	6.19	-1.09	3.09	1.18	0.71	1.12	8.62	-6.72	5.99	2.50	-3.64
Bloomberg Commodity TR	5.08	-19.40	-17.38	-6.14	-7.69	-5.82	7.69	-11.25	1.70	11.77	-24.66

Source: Morningstar, PMFA





Domestic Equity Investment Options

	Value	Blend	Growth
Large	JHancock Disciplined Value R6	Fidelity® 500 Index	Fidelity® Contrafund® MainStay Winslow Large Cap Growth I
Medium	JPMorgan Mid Cap Value R6	Fidelity® Mid Cap Index	T. Rowe Price Instl Mid-Cap Equity Gr
Small	American Beacon Small Cap Value R6	Fidelity® Small Cap Index	AMG TimesSquare Small Cap Growth N

Fixed Income Investment Options

Money Market/Stable Value	Broad Fixed Income (Core)	Other Fixed Income (Non-Core)
Cash	PIMCO Total Return A	PIMCO Real Return Instl
Vantagepoint PLUS Fund R10	Fidelity® US Bond Index	PIMCO Income Instl

Other Investment Options

International/World Equity	Target Date	Other
Oakmark International Advisor Vanguard Total Intl Stock Index Admiral American Funds Europacific Growth R6 Vanguard International Growth Adm American Funds Capital World Gr&Inc R6	Vanguard Target Retirement Income Inv VT Retirement IncomeAdvantage Vanguard Target Retirement 2015 Inv Vanguard Target Retirement 2020 Inv Vanguard Target Retirement 2025 Inv Vanguard Target Retirement 2030 Inv Vanguard Target Retirement 2035 Inv Vanguard Target Retirement 2040 Inv Vanguard Target Retirement 2045 Inv Vanguard Target Retirement 2050 Inv Vanguard Target Retirement 2055 Inv Vanguard Target Retirement 2060 Inv Vanguard Target Retirement 2060 Inv Vanguard Target Retirement 2065 Inv	Fidelity® Balanced Nuveen Real Estate Securities I



Lansing Board of Water & Light 457(b) Deferred Compensation Plan **Investment Balances**

	Q2 20)20	Q1 20)20	Q4 20)19	Q3 20	19	
Fund	Market Value	Plan Allocation	Market Value	Plan Allocation	Market Value	Plan Allocation	Market Value	Plan Allocation	Quarter Change
Cash	\$94	0.00%	\$94	0.00%	\$94	0.00%	\$124,785	0.11%	0.00%
Vantagepoint PLUS Fund R10	\$19,918,488	16.91%	\$20,676,006	20.12%	\$19,229,299	16.33%	\$19,500,376	17.52%	-3.21%
PIMCO Total Return A	\$1,898,053	1.61%	\$1,805,423	1.76%	\$1,932,680	1.64%	\$1,752,720	1.57%	-0.15%
Fidelity® US Bond Index	\$6,129,690	5.20%	\$5,901,152	5.74%	\$5,779,589	4.91%	\$4,721,607	4.24%	-0.54%
PIMCO Real Return Instl	\$1,205,689	1.02%	\$1,186,656	1.15%	\$1,388,895	1.18%	\$1,268,041	1.14%	-0.13%
PIMCO Income Instl	\$634,997	0.54%	\$600,790	0.58%	\$1,027,756	0.87%	\$1,481,515	1.33%	-0.05%
Fidelity® Balanced	\$3,763,734	3.20%	\$2,560,864	2.49%	\$3,363,796	2.86%	\$3,100,377	2.78%	0.70%
JHancock Disciplined Value R6	\$1,824,308	1.55%	\$1,698,744	1.65%	\$2,647,814	2.25%	\$2,676,755	2.40%	-0.10%
Fidelity® 500 Index	\$9,110,596	7.74%	\$7,804,077	7.59%	\$9,792,024	8.32%	\$9,493,829	8.53%	0.14%
Fidelity® Contrafund®	\$6,424,201	5.45%	\$4,819,141	4.69%	\$5,658,138	4.81%	\$5,340,508	4.80%	0.77%
MainStay Winslow Large Cap Growth I	\$8,796,702	7.47%	\$6,846,626	6.66%	\$7,570,230	6.43%	\$6,966,716	6.26%	0.81%
JPMorgan Mid Cap Value R6	\$134,041	0.11%	\$68,216	0.07%	\$129,218	0.11%	\$88,259	0.08%	0.05%
Fidelity® Mid Cap Index	\$2,316,447	1.97%	\$1,789,214	1.74%	\$2,219,666	1.89%	\$2,100,069	1.89%	0.23%
T. Rowe Price Instl Mid-Cap Equity Gr	\$3,736,461	3.17%	\$2,924,183	2.85%	\$3,982,802	3.38%	\$3,821,239	3.43%	0.33%
American Beacon Small Cap Value R6	\$486,701	0.41%	\$376,309	0.37%	\$553,551	0.47%	\$540,300	0.49%	0.05%
Fidelity® Small Cap Index	\$2,612,160	2.22%	\$2,040,872	1.99%	\$2,865,731	2.43%	\$2,661,363	2.39%	0.23%
AMG TimesSquare Small Cap Growth N	\$568,705	0.48%	\$278,884	0.27%	\$403,873	0.34%	\$373,848	0.34%	0.21%
Oakmark International Advisor	\$197,343	0.17%	\$57,230	0.06%	\$96,614	0.08%	\$84,692	0.08%	0.11%
Vanguard Total Intl Stock Index Admiral	\$1,081,348	0.92%	\$1,108,761	1.08%	\$1,558,322	1.32%	\$1,694,996	1.52%	-0.16%
American Funds Europacific Growth R6	\$1,160,499	0.99%	\$1,010,814	0.98%	\$358,305	0.30%	\$499,032	0.45%	0.00%
Vanguard International Growth Adm	\$2,421,233	2.06%	\$1,926,009	1.87%	\$2,736,134	2.32%	\$2,470,569	2.22%	0.18%
Nuveen Real Estate Securities I	\$751,079	0.64%	\$643,107	0.63%	\$919,770	0.78%	\$778,456	0.70%	0.01%
American Funds Capital World Gr&Inc R6	\$2,866,358	2.43%	\$2,258,507	2.20%	\$2,702,123	2.29%	\$1,335,256	1.20%	0.24%
Vanguard Target Retirement Income Inv	\$839,008	0.71%	\$773,151	0.75%	\$814,828	0.69%	\$840,564	0.76%	-0.04%
VT Retirement IncomeAdvantage	\$2,669,972	2.27%	\$2,400,715	2.34%	\$2,803,051	2.38%	\$2,766,804	2.49%	-0.07%



Lansing Board of Water & Light 457(b) Deferred Compensation Plan **Investment Balances**

	Q2 20	20	Q1 2	020	Q4 2	019	Q3 2	019	
Fund	Market Value	Plan Allocation	Market Value	Plan Allocation	Market Value	Plan Allocation	Market Value	Plan Allocation	Quarter Change
Vanguard Target Retirement 2015 Inv	\$1,439,501	1.22%	\$1,461,988	1.42%	\$1,610,390	1.37%	\$1,544,127	1.39%	-0.20%
Vanguard Target Retirement 2020 Inv	\$4,216,661	3.58%	\$4,013,883	3.91%	\$4,757,611	4.04%	\$4,785,807	4.30%	-0.33%
Vanguard Target Retirement 2025 Inv	\$4,949,693	4.20%	\$4,293,880	4.18%	\$5,646,900	4.80%	\$5,068,883	4.55%	0.02%
Vanguard Target Retirement 2030 Inv	\$5,216,651	4.43%	\$4,426,671	4.31%	\$5,380,949	4.57%	\$5,005,912	4.50%	0.12%
Vanguard Target Retirement 2035 Inv	\$4,341,367	3.69%	\$3,497,457	3.40%	\$4,206,138	3.57%	\$3,854,942	3.46%	0.28%
Vanguard Target Retirement 2040 Inv	\$5,171,001	4.39%	\$4,308,580	4.19%	\$5,028,270	4.27%	\$4,403,541	3.96%	0.20%
Vanguard Target Retirement 2045 Inv	\$3,404,426	2.89%	\$2,790,766	2.72%	\$3,372,432	2.86%	\$3,060,039	2.75%	0.18%
Vanguard Target Retirement 2050 Inv	\$1,670,982	1.42%	\$1,357,253	1.32%	\$1,573,090	1.34%	\$1,456,003	1.31%	0.10%
Vanguard Target Retirement 2055 Inv	\$241,628	0.21%	\$192,036	0.19%	\$214,344	0.18%	\$184,826	0.17%	0.02%
Vanguard Target Retirement 2060 Inv	\$67,557	0.06%	\$46,006	0.04%	\$39,915	0.03%	\$33,072	0.03%	0.01%
Vanguard Target Retirement 2065 Inv	\$23,044	0.02%	\$19,067	0.02%	\$23,115	0.02%	\$21,174	0.02%	0.00%
Self-Directed Brokerage	\$5,480,430	4.65%	\$4,801,835	4.67%	\$5,354,655	4.55%	\$5,424,187	4.87%	-0.02%
Plan Totals:	\$117,770,847	100.00%	\$102,764,967	100.00%	\$117,742,114	100.00%	\$111,325,189	100.00%	0.00%



Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
Cash	-	2018-12-31	-	-	-	-	-	-	-
Peer Group: Morningstar Money Market - Taxable Benchmark: FTSE Treasury Bill 3 Mon USD Peer Group Percentile Rank Notes:			0.94 1.56	0.80 1.15	0.39 -	-	15.68 -	36,744.12 -	-0.34 -
Vantagepoint PLUS Fund R10	-	2018-12-31	2.39	2.20	0.54	29.00	15.75	9,782.77	1.04
Peer Group: Morningstar US SA Stable Value			1.87	1.77	0.59	-	19.16	61,386.13	0.61
Benchmark: Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon)			2.84	1.52	-	-	-	-	-
Peer Group Percentile Rank Notes:			16	8	44		65		8
PIMCO Total Return A	PTTAX	2009-03-26	7.97	4.04	1.05	33.00	5.75	67,969.62	-0.32
Peer Group: Morningstar Intermediate Core-Plus Bond			5.62	4.14	0.68	-	10.34	5,990.65	-0.63
Benchmark: BBgBarc US Universal TR USD			7.88	4.42	-	-	-	-	-
Peer Group Percentile Rank Notes:			35	55	79		70		30

The particular share class chosen for this fund was based on platform availability or taking into account the revenue sharing amount. The performance shown does not take into account the revenue sharing amount, which may be credited back to participants. Due to these reasons, we look at the lowest net expense ratio share class in order to determine if a fund meets monitoring criteria. The share class with the lowest prospectus net expense ratio for this fund meets the 5 year monitoring criteria.

Fidelity® US Bond Index	XNAX	2019-02-15	9.01	4.32	0.03	9.00	6.08	51,803.10	-0.02
Peer Group: Morningstar Intermediate Core Bond			6.97	3.98	0.55	-	10.31	10,483.36	-0.20
Benchmark: BBgBarc US Agg Bond TR USD			8.74	4.30	-	-	-	-	-
Peer Group Percentile Rank			19	22	4		66		29
Notes: This fund attempts to track the Bloomberg Barclays US Aggregate Bond In	ndex.								





Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
PIMCO Real Return Instl	PRRIX	2019-02-14	8.38	3.73	0.98	23.00	1.41	9,094.16	-0.11
Peer Group: Morningstar Inflation-Protected Bond			4.20	3.04	0.64	-	8.13	2,965.71	-0.36
Benchmark: BBgBarc Gbl Infl Linked US TIPS TR USD			8.28	3.75	-	-	-	-	-
Peer Group Percentile Rank			15	18	74		92		25

Notes:

The expense calculation takes into account the management fee and expenses for PIMCO's use of hedges and derivatives. The non-management fee expenses incurred are in the normal course of managing the fund and may change over time. Since PIMCO uses derivatives more extensively than other managers, it impacts the overall reportable expenses of the fund as required by

PIMCO Income Insti	PIMIX	2019-02-15	0.69	4.69	1.05	13.00	13.25	116,853.73	2.58
Peer Group: Morningstar Multisector Bond			-1.44	3.37	0.95	-	8.37	4,324.50	0.73
Benchmark: BBgBarc Global Aggregate TR USD			4.22	3.56	-	-	-	-	-
Peer Group Percentile Rank			56	6	59		16		3

Notes:

The expense calculation takes into account the management fee and expenses for PIMCO's use of hedges and derivatives. The non-management fee expenses incurred are in the normal course of managing the fund and may change over time. Since PIMCO uses derivatives more extensively than other managers, it impacts the overall reportable expenses of the fund as required by

Fidelity® Balanced	FBALX	2009-03-26	10.51	8.28	0.53	33.00	11.75	34,457.42	-1.64
Peer Group: Morningstar Allocation50% to 70% Equity			0.38	5.34	0.98	-	10.16	6,914.44	-3.17
Benchmark: Blend (60% S&P 500 TR_40% BC Agg Bond TR USD)			8.58	8.41	-	-	-	-	-
Peer Group Percentile Rank			4	7	12		35		18
Notes:									

Meets criteria Does not meet criteria



Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
JHancock Disciplined Value R6	JDVWX	2019-02-15	-10.07	3.48	0.70	23.00	23.41	11,801.90	-1.20
Peer Group: Morningstar Large Value			-10.73	4.53	0.87	-	10.13	3,914.32	-0.06
Benchmark: Russell 1000 Value TR USD			-8.84	4.64	-	-	-	-	-
Peer Group Percentile Rank			70	69	32		6		71

Notes:

The Fund is managed by subadvisor Boston Partners who focuses on strong free cash flows and returns on invested capital. Management employs quantitative analysis to evaluate a company's business momentum, which drives a large portion of the Fund's stock selection process. While the team also prioritizes risk management and considers the protection of capital to be its primary responsibility, it tends carry an underweight to Consumer Staples and Utilities, while maintaining a market-like beta.

Underperformance over the five-year period ended 6/30/2020 was mainly due to stock selection in the Technology and Healthcare sectors. Within Technology, an overweight to Hewlett-Packard and Western Digital, and an underweight to Apple were the primary detractors. Within Healthcare, Gilead Sciences and McKesson Corp were the main individual detractors. Additionally, an underweight to Consumer Staples and an overweight to Financials, also weighed on relative returns.

In October 2018, Boston Partners promoting two analysts (David Cohen and Stephanie McGirr) to be dedicated portfolio managers on the Large Cap Value strategy. This change was driven by a desire to recognize the contributions of these two analysts and is not a part of any upcoming transition.

Fidelity® 500 Index	FXAIX	2019-02-15	7.49	10.72	0.01	9.00	11.41	229,012.13	-0.01
Peer Group: Morningstar Large Blend			0.53	8.90	0.79	-	9.14	11,761.64	-1.50
Benchmark: S&P 500 TR USD			7.51	10.73	-	-	-	-	-
Peer Group Percentile Rank			23	10	2		31		15
Notes: This fund attempts to track the S&P 500 Index.									
Fidelity® Contrafund®	FCNTX	2009-03-26	17.91	14.05	0.85	53.00	29.75	121,366.58	-1.33
Peer Group: Morningstar Large Growth			10.35	13.10	0.93	-	11.18	8,326.64	-2.31
Benchmark: Russell 1000 Growth TR USD			23.28	15.89	-	-	-	-	-
Peer Group Percentile Rank			48	39	42		2		35
Notes:									
MainStay Winslow Large Cap Growth I	MLAIX	2019-02-15	21.91	15.45	0.74	25.00	14.66	13,011.98	-0.52
Peer Group: Morningstar Large Growth			10.35	13.10	0.93	-	11.18	8,326.64	-2.31
Benchmark: Russell 1000 Growth TR USD			23.28	15.89	-	-	-	-	-
Peer Group Percentile Rank			29	24	29		29		25
Notes:									



Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
JPMorgan Mid Cap Value R6	JMVYX	2019-02-15	-13.70	2.45	0.73	22.00	22.58	12,732.58	-0.81
Peer Group: Morningstar Mid-Cap Value Benchmark: Russell Mid Cap Value TR USD Peer Group Percentile Rank Notes:			-16.57 -11.81 53	2.30 3.32 46	0.98 - 21	- -	10.08 - 3	2,144.13 -	-0.92 - 47
Fidelity® Mid Cap Index	FSMDX	2019-02-15	-2.28	6.75	0.03	8.00	8.75	13,076.85	0.00
Peer Group: Morningstar Mid-Cap Blend Benchmark: Russell Mid Cap TR USD Peer Group Percentile Rank Notes: This fund attempts to track the Russell Mid Cap Index.			-8.71 -2.24 20	4.26 6.76 15	0.94 - 2	- -	8.87 - 37	3,169.70 -	-2.17 - 16
T. Rowe Price Instl Mid-Cap Equity Gr	PMEGX	2019-02-15	3.55	11.09	0.61	23.00	23.92	6,981.99	-0.29
Peer Group: Morningstar Mid-Cap Growth Benchmark: Russell Mid Cap Growth TR USD Peer Group Percentile Rank Notes:			3.57 11.91 76	10.12 11.60 35	1.05 - 8	- -	11.17 - 5	2,978.87 -	-1.04 - 36
American Beacon Small Cap Value R6	AASRX	2019-02-15	-18.63	-0.05	0.80	21.00	21.50	4,643.70	-1.06
Peer Group: Morningstar Small Value Benchmark: Russell 2000 Value TR USD Peer Group Percentile Rank Notes:			-20.46 -17.48 58	-0.30 1.26 44	1.13 - 14	-	10.08 - 10	1,098.74 -	-1.42 - 41
Fidelity® Small Cap Index	FSSNX	2019-02-15	-6.46	4.47	0.03	8.00	8.75	11,021.19	0.18
Peer Group: Morningstar Small Blend Benchmark: Russell 2000 TR USD Peer Group Percentile Rank Notes: This fund attempts to track the Russell 2000 Index.			-14.29 -6.63 16	2.59 4.29 15	1.01 - 2	-	9.46 - 43	1,513.13 -	-1.49 - 17



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Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
AMG TimesSquare Small Cap Growth N	TSCPX	2014-03-14	2.67	8.35	1.19	20.00	20.41	426.74	1.60
Peer Group: Morningstar Small Growth			-2.42	8.40	1.15	-	11.33	1,566.28	1.69
Benchmark: Russell 2000 Growth TR USD			3.48	6.86	-	-	-	-	-
Peer Group Percentile Rank			55	51	54		10		52

Notes:

Over the five-year period ended 6/30/2020, modest relative underperformance was driven primarily by stock selection in the Technology and Consumer Discretionary sectors. Within Technology, an overweight to 2U Inc. and J2 Global, as well as a lack of exposure to Monolithic Power Systems, were the largest detractors. In the Consumer Discretionary sector, underperformance was primarily attributable to underweight exposure to WingStop and Planet Fitness, as well as an overweight to Hudson Ltd.

The particular share class chosen for this fund was based either on platform availability or taking into consideration the revenue sharing amount.

Oakmark International Advisor	OAYIX	2019-02-15	-15.11	-1.23	0.90	27.00	27.75	21,848.87	2.15
Peer Group: Morningstar Foreign Large Value			-14.44	-0.69	1.00	-	8.51	1,155.07	0.73
Benchmark: MSCI EAFE Value NR USD			-14.48	-1.59	-	-	-	-	-
Peer Group Percentile Rank			81	66	41		1		13

Notes:

The Fund takes a long-term approach, investing in companies it believes are trading at deep discounts to their intrinsic values. While the Fund currently lands in the blend peer group, it historically has exhibited a value bias, and therefore, may underperform when blend/growth names are outperforming. It has tended to hold 5% or less in Emerging Markets and has historically carried an overweight to the Financials sector. The Fund will often look much different from its benchmark, occasionally leading to higher volatility over shorter periods.

Over the past five years ended 6/30/2020, relative underperformance is mainly attributable to positioning across the Eurozone and a bias towards economically sensitive businesses, with the bulk of the underperformance occurring in 2018 and YTD 2020. Stock selection in the Consumer Discretionary sector was the largest source of underperformance, driven by an overweight to automotive-related names and an underweight to (LVMH) Moet Hennessy Louis Vuitton. Stock selection in Financials was also a significant source of underperformance, led by an overweight to European banks as the industry fell under significant pressure in recent years as interest rates fell sharply and fears of a global economic slowdown raised questions around future profitability. Stock selection in Communication Services was also a headwind.

While recent underperformance has been significant, Oakmark retains conviction in its portfolio, seeing some recovery in 2020 Q2, and believes that it is currently trading at an extreme discount. Given the team's "private equity" style approach, focusing on company fundamentals over the coming years rather than quarters, they generally feel that the near-term headwinds will have a muted impact on their portfolio's long-term prospects. This is a deep, talented team that has experience navigating multiple crises in David Herro's tenure since 1992. While this Fund can be volatile and experience extended periods of underperformance relative to its benchmark, it has a long history of rewarding long-term investors with long-term investment time horizons (generally 5 years or more).





Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
Vanguard Total Intl Stock Index Admiral	VTIAX	2019-02-15	-4.09	2.42	0.11	24.00	11.83	399,130.65	-0.26
Peer Group: Morningstar Foreign Large Blend			-6.92	1.92	0.90	-	7.47	6,384.54	-0.67
Benchmark: FTSE Global All Cap ex US TR USD			-4.16	2.71	-	-	-	-	-
Peer Group Percentile Rank			41	29	6		19		30
Notes: This fund attempts to track the FTSE Global All Cap ex US Inde	ex.								
American Funds Europacific Growth R6	RERGX	2019-02-15	3.17	4.90	0.46	36.00	19.00	153,579.95	2.85
Peer Group: Morningstar Foreign Large Blend			-6.92	1.92	0.90	-	7.47	6,384.54	-0.06
Benchmark: MSCI EAFE NR USD			-5.13	2.05	-	-	-	-	-
Peer Group Percentile Rank Notes:			5	2	21		5		3
Vanguard International Growth Adm	VWILX	2019-02-15	24.55	11.90	0.32	38.00	17.34	46,871.96	5.52
Peer Group: Morningstar Foreign Large Growth			1.80	5.11	1.01	-	9.45	8,112.01	-0.28
Benchmark: MSCI EAFE Growth NR USD			4.15	5.52	-	-	-	-	-
Peer Group Percentile Rank Notes:			4	5	4		11		7
Nuveen Real Estate Securities I	FARCX	2011-02-18	-9.63	4.68	1.06	25.00	15.08	2,222.56	2.14
Peer Group: Morningstar Real Estate			-14.40	4.44	1.01	-	11.68	1,914.25	2.07
Benchmark: DJ US Select REIT TR USD			-17.71	2.45	-	-	-	-	-
Peer Group Percentile Rank			53	47	54		27		47
Notes: The particular share class chosen for this fund was based eithe	er on platform availa	bility or taking into	consideration	the revenue	sharing amo	ount.			
American Funds Capital World Gr&Inc R6	RWIGX	2019-02-14	2.55	6.31	0.42	27.00	14.34	93,258.49	0.15
Peer Group: Morningstar World Large Stock			-4.86	5.27	1.02	-	7.46	4,469.87	-0.67
Benchmark: MSCI ACWI NR USD			2.11	6.46	-	-	-	-	-
Peer Group Percentile Rank			43	41	4		9		41
Notes:									



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Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50% of Peers
Vanguard Target Retirement Income Inv	VTINX	2012-11-16	5.69	4.93	0.12	16.00	7.33	16,882.91	0.41
Peer Group: Morningstar Target-Date Retirement			3.54	4.35	0.65	-	8.81	678.41	-0.40
Benchmark: S&P Target Date Retirement Income TR USD			5.40	4.70	-	-	-	-	-
Peer Group Percentile Rank Notes:			22	20	4		64		11
VT Retirement IncomeAdvantage	-	2018-12-31	4.56	5.09	1.59	-	-	-	-
Peer Group: Morningstar Target-Date Retirement			3.54	4.35	0.65	-	8.81	678.41	-0.40
Benchmark: S&P Target Date Retirement Income TR USD			5.40	4.70	-	-	-	-	-
Peer Group Percentile Rank Notes: The particular share class chosen for this fund was based either on	nlatform availa	hility or taking into	60 consideration	8 o the revenue	96 sharing amo	unt			
Vanguard Target Retirement 2015 Inv	VTXVX	2012-11-16	5.45	5.47	0.13	16.00	7.33	14,918.19	0.53
Peer Group: Morningstar Target-Date 2015			3.97	5.20	0.56	_	7.63	1,319.59	-0.14
Benchmark: S&P Target Date 2015 TR USD			4.73	5.30	-	-	-	-	-
Peer Group Percentile Rank Notes:			27	29	6		44		13
Vanguard Target Retirement 2020 Inv	VTWNX	2012-11-16	5.09	5.96	0.13	14.00	7.33	31,158.44	0.26
Peer Group: Morningstar Target-Date 2020			3.61	5.35	0.65	-	8.29	2,502.30	-0.15
Benchmark: S&P Target Date 2020 TR USD			4.33	5.56	-	-	-	-	-
Peer Group Percentile Rank Notes:			23	10	4		55		24
Vanguard Target Retirement 2025 Inv	VTTVX	2012-11-16	4.82	6.29	0.13	16.00	7.33	44,522.63	0.34
Peer Group: Morningstar Target-Date 2025			3.12	5.59	0.65	-	7.89	3,308.88	-0.16
Benchmark: S&P Target Date 2025 TR USD			3.66	5.82	-	-	-	-	-
Peer Group Percentile Rank			24	14	4		54		22
Notes:									

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Investment Option	Ticker	Plan InceptionDate	Return 1Yr > 25% of Peers	Return 5Yr > 50% of Peers	Expense Ratio < 50% of Peers	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yı > 50% of Peers
Vanguard Target Retirement 2030 Inv	VTHRX	2012-11-16	4.40	6.47	0.14	14.00	7.33	40,192.71	0.43
Peer Group: Morningstar Target-Date 2030 Benchmark: S&P Target Date 2030 TR USD			2.36 2.92	5.93 6.02	0.68 -	-	8.01	3,624.77 -	-0.03 -
Peer Group Percentile Rank Notes:			30	22	4		52		23
Vanguard Target Retirement 2035 Inv	VTTHX	2012-11-16	3.94	6.62	0.14	16.00	7.33	38,301.44	0.48
Peer Group: Morningstar Target-Date 2035			1.95	6.10	0.67	-	7.84	3,020.24	-0.05
Benchmark: S&P Target Date 2035 TR USD			2.12	6.17	-	-	-	-	-
Peer Group Percentile Rank Notes:			26	24	4		53		19
Vanguard Target Retirement 2040 Inv	VFORX	2012-11-16	3.46	6.76	0.14	14.00	7.33	30,381.56	0.42
Peer Group: Morningstar Target-Date 2040			0.81	6.19	0.70	-	8.19	2,746.44	-0.12
Benchmark: S&P Target Date 2040 TR USD			1.56	6.28	-	-	-	-	-
Peer Group Percentile Rank Notes:			26	21	4		53		24
Vanguard Target Retirement 2045 Inv	VTIVX	2012-11-16	2.97	6.79	0.15	16.00	7.33	28,083.54	0.33
Peer Group: Morningstar Target-Date 2045			0.37	6.18	0.69	-	7.79	2,054.15	-0.20
Benchmark: S&P Target Date 2045 TR USD			1.20	6.34	-	-	-	-	-
Peer Group Percentile Rank Notes:			38	22	5		53		23
Vanguard Target Retirement 2050 Inv	VFIFX	2012-11-16	3.02	6.79	0.15	14.00	7.33	21,237.49	0.35
Peer Group: Morningstar Target-Date 2050			0.11	6.21	0.71	-	7.88	1,675.46	-0.15
Benchmark: S&P Target Date 2050 TR USD			1.05	6.42	-	-	-	-	-
Peer Group Percentile Rank Notes:			34	21	5		53		23

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		Plan	Return 1Yr > 25%	Return 5Yr > 50%	Expense Ratio < 50%	Prod Hist >= 3 Years	Manager Tenure >= 3 Years	AUM >= 250 MM	Alpha 5Yr > 50%
Investment Option	Ticker	InceptionDate	of Peers	of Peers	of Peers	7 - 0 TCa13	7 - 0 TCa13	7 – 200 MINI	of Peers
Vanguard Target Retirement 2055 Inv	VFFVX	2012-11-16	2.95	6.77	0.15	9.00	7.33	11,727.27	0.35
Peer Group: Morningstar Target-Date 2055			0.33	6.21	0.70	-	6.64	931.99	-0.26
Benchmark: S&P Target Date 2055 TR USD			0.89	6.45	-	-	-	-	-
Peer Group Percentile Rank			33	24	5		47		23
Notes:									
Vanguard Target Retirement 2060 Inv	VTTSX	2012-11-16	2.95	6.76	0.15	8.00	7.33	5,416.95	0.35
Peer Group: Morningstar Target-Date 2060+			0.22	6.65	0.68	-	3.28	260.43	0.06
Benchmark: S&P Target Date 2055 TR USD			0.89	6.45	-	-	-	-	-
Peer Group Percentile Rank			30	44	7		1		36
Notes: Benchmark comparison for Target Date 2060 Funds is the sour pricing service. As such the most comparable benchmark.								Morningstar Ca	tegory from
Vanguard Target Retirement 2065 Inv	VI XVX	2012-11-16	2 84	_	0.15	2 00	2 92	722 32	

Vanguard Target Retirement 2065 Inv	VLXVX	2012-11-16	2.84	-	0.15	2.00	2.92	722.32	-
Peer Group: Morningstar Target-Date 2060+			0.22	6.65	0.68	-	3.28	260.43	0.06
Benchmark: S&P Target Date 2055 TR USD			0.89	6.45	-	-	-	-	-
Peer Group Percentile Rank			34		7		56		

Notes:

Benchmark comparison for Target Date 2065 Funds is the S&P 2055 Target. As of the date of this report the "S&P Target 2065" Index has not yet been assigned as the Morningstar Category from our pricing service. As such the most comparable benchmark has been included. When the S&P Target 2065 Index is available, the benchmark will be changed.

> Meets criteria Does not meet criteria



				1)	⁄ear	3 \	⁄ear	5 \	⁄ear	10	Year	Since	Inception
Investment Option	Ticker	QTD Return	YTD Return	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	Inception Date
Cash	-	-	-	-	-	-	-	-	-	-	-	-	-
Universe: Morningstar Money Market - Taxable		0.00	0.25	1.04	563	1.27	524	0.80	454	0.40	418		
Benchmark: FTSE Treasury Bill 3 Mon USD		0.14	0.52	1.56		1.72		1.15		0.61			
Vantagepoint PLUS Fund R10	-	0.56	1.15	2.39	16	2.32	11	2.20	8	2.13	23	3.51	01/02/199
Universe: Morningstar US SA Stable Value		0.45	0.95	2.06	299	1.94	267	1.75	248	1.77	179		
Benchmark: Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon)		0.08	1.77	2.84		2.23		1.52		0.98			
PIMCO Total Return A	PTTAX	3.79	5.98	7.97	35	4.85	46	4.04	55	3.83	73	6.78	05/11/198
Universe: Morningstar Intermediate Core-Plus Bond		5.54	4.37	6.83	601	4.58	534	3.98	455	4.16	333		
Benchmark: BBgBarc US Universal TR USD		3.81	5.17	7.88		5.15		4.42		4.12			
Fidelity® US Bond Index	FXNAX	2.77	6.53	9.01	19	5.38	19	4.32	22	3.79	46	6.03	05/04/201
Universe: Morningstar Intermediate Core Bond		3.87	5.54	7.88	421	4.83	380	3.90	331	3.65	249		
Benchmark: BBgBarc US Agg Bond TR USD		2.90	6.14	8.74		5.32		4.30		3.82			
PIMCO Real Return Instl	PRRIX	5.38	6.20	8.38	15	4.94	25	3.73	18	3.49	10	5.78	01/29/199
Universe: Morningstar Inflation-Protected Bond		4.88	4.70	6.78	212	4.27	196	3.09	170	2.90	115		
Benchmark: BBgBarc Gbl Infl Linked US TIPS TR USD		4.24	6.01	8.28		5.05		3.75		3.52			
PIMCO Income Insti	PIMIX	6.48	-1.68	0.69	56	3.32	34	4.69	6	7.51	1	7.78	03/30/200
Universe: Morningstar Multisector Bond		7.78	-2.04	0.69	321	2.63	283	3.30	235	4.44	128		
Benchmark: BBgBarc Global Aggregate TR USD		3.32	2.98	4.22		3.79		3.56		2.81			
Fidelity® Balanced	FBALX	18.30	1.95	10.51	4	9.30	8	8.28	7	10.41	5	9.22	11/06/198
Universe: Morningstar Allocation50% to 70% Equity		13.05	-3.58	2.30	684	5.04	636	5.22	559	7.88	412		
Benchmark: Blend (60% S&P 500 TR_40% BC Agg Bond TR USD)		13.32	0.98	8.58		8.93		8.41		10.08			
JHancock Disciplined Value R6	JDVWX	16.70	-17.57	-10.07	70	0.87	69	3.48	69	10.03	46	7.47	01/02/199
Universe: Morningstar Large Value		15.67	-15.18	-7.59	1194	2.21	1110	4.45	971	9.75	709		
Benchmark: Russell 1000 Value TR USD		14.29	-16.26	-8.84		1.82		4.64		10.41			
Fidelity® 500 Index	FXAIX	20.53	-3.09	7.49	23	10.71	17	10.72	10	13.97	8	10.12	05/04/201
Universe: Morningstar Large Blend		19.61	-5.45	3.76	1378	8.15	1229	8.34	1057	12.22	804		
Benchmark: S&P 500 TR USD		20.54	-3.08	7.51		10.73		10.73		13.99			



				1)	⁄ear	3 \	⁄ear	5 Y	⁄ear	10	Year	Since	Inception
Investment Option	Ticker	QTD Return	YTD Return	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	Inception Date
Fidelity® Contrafund®	FCNTX	26.87	9.56	17.91	48	16.42	47	14.05	39	15.57	46	12.66	05/17/1967
Universe: Morningstar Large Growth		27.43	7.85	17.36	1343	15.94	1246	12.79	1093	15.08	816		
Benchmark: Russell 1000 Growth TR USD		27.84	9.81	23.28		18.99		15.89		17.23			
MainStay Winslow Large Cap Growth I	MLAIX	28.27	12.22	21.91	29	20.32	18	15.45	24	16.74	25	9.54	07/03/1995
Universe: Morningstar Large Growth		27.43	7.85	17.36	1343	15.94	1246	12.79	1093	15.08	816		
Benchmark: Russell 1000 Growth TR USD		27.84	9.81	23.28		18.99		15.89		17.23			
JPMorgan Mid Cap Value R6	JMVYX	18.17	-19.45	-13.70	53	-1.23	47	2.45	46	10.27	14	10.80	11/13/1997
Universe: Morningstar Mid-Cap Value		19.39	-19.78	-13.56	420	-1.59	386	2.10	346	8.86	245		
Benchmark: Russell Mid Cap Value TR USD		19.95	-18.09	-11.81		-0.54		3.32		10.29			
Fidelity® Mid Cap Index	FSMDX	24.55	-9.13	-2.28	20	5.78	16	6.75	15	-	-	12.71	09/08/2011
Universe: Morningstar Mid-Cap Blend		22.12	-12.55	-6.20	410	2.41	370	3.86	296	10.02	216		
Benchmark: Russell Mid Cap TR USD		24.61	-9.13	-2.24		5.79		6.76		12.35			
T. Rowe Price Instl Mid-Cap Equity Gr	PMEGX	28.62	-2.42	3.55	76	11.58	60	11.09	35	15.47	17	12.15	07/31/1996
Universe: Morningstar Mid-Cap Growth		30.29	3.66	9.71	601	12.64	557	9.96	499	13.57	381		
Benchmark: Russell Mid Cap Growth TR USD		30.26	4.16	11.91		14.76		11.60		15.09			
American Beacon Small Cap Value R6	AASRX	22.16	-24.75	-18.63	58	-5.35	50	-0.05	44	7.99	29	8.37	12/31/1998
Universe: Morningstar Small Value		22.34	-22.90	-17.27	436	-5.13	412	-0.32	372	7.05	258		
Benchmark: Russell 2000 Value TR USD		18.91	-23.50	-17.48		-4.35		1.26		7.82			
Fidelity® Small Cap Index	FSSNX	25.49	-12.94	-6.46	16	2.15	16	4.47	15	-	-	11.33	09/08/2011
Universe: Morningstar Small Blend		22.95	-16.88	-11.41	669	-0.64	615	2.49	495	9.32	359		
Benchmark: Russell 2000 TR USD		25.42	-12.98	-6.63		2.01		4.29		10.50			
AMG TimesSquare Small Cap Growth N	TSCPX	34.77	0.79	2.67	55	11.08	41	8.35	51	13.45	46	9.21	01/21/2000
Universe: Morningstar Small Growth		32.19	-0.10	4.46	625	10.08	577	8.28	508	12.93	379		
Benchmark: Russell 2000 Growth TR USD		30.58	-3.06	3.48		7.86		6.86		12.92			
Oakmark International Advisor	OAYIX	24.38	-23.00	-15.11	81	-6.40	94	-1.23	66	5.18	12	8.21	09/30/1992
Universe: Morningstar Foreign Large Value		14.61	-16.61	-11.01	330	-3.13	302	-0.67	258	3.75	171		
Benchmark: MSCI EAFE Value NR USD		12.43	-19.27	-14.48		-4.43		-1.59		3.53			



				1)	⁄ear	3 \	Year	5 \	⁄ear	10	Year	Since	Inception
Investment Option	Ticker	QTD Return	YTD Return	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	Inception Date
Vanguard Total Intl Stock Index Admiral	VTIAX	18.11	-10.59	-4.09	41	1.09	35	2.42	29	5.27	57	4.30	04/29/1996
Universe: Morningstar Foreign Large Blend		16.24	-10.92	-4.65	762	0.31	651	1.80	522	5.36	369		
Benchmark: FTSE Global All Cap ex US TR USD		17.15	-10.91	-4.16		1.39		2.71		5.60			
American Funds Europacific Growth R6	RERGX	22.77	-4.77	3.17	5	4.76	3	4.90	2	7.48	4	10.42	04/16/1984
Universe: Morningstar Foreign Large Blend		16.24	-10.92	-4.65	762	0.31	651	1.80	522	5.36	369		
Benchmark: MSCI EAFE NR USD		14.88	-11.34	-5.13		0.81		2.05		5.73			
Vanguard International Growth Adm	VWILX	33.01	12.37	24.55	4	14.18	4	11.90	5	11.27	4	10.87	09/30/1981
Universe: Morningstar Foreign Large Growth		21.42	-1.60	6.44	477	6.05	421	5.58	344	7.78	249		
Benchmark: MSCI EAFE Growth NR USD		16.95	-3.53	4.15		5.91		5.52		7.78			
Nuveen Real Estate Securities I	FARCX	10.65	-14.83	-9.63	53	1.29	51	4.68	47	9.42	42	10.51	06/30/1995
Universe: Morningstar Real Estate		13.66	-16.19	-9.81	253	0.60	225	3.98	199	8.86	140		
Benchmark: DJ US Select REIT TR USD		9.11	-22.01	-17.71		-1.99		2.45		8.27			
American Funds Capital World Gr&Inc R6	RWIGX	18.35	-5.70	2.55	43	5.66	44	6.31	41	9.59	38	10.16	03/26/1993
Universe: Morningstar World Large Stock		20.09	-5.23	1.96	864	5.52	763	6.01	630	8.99	371		
Benchmark: MSCI ACWI NR USD		19.22	-6.25	2.11		6.14		6.46		9.16			
Vanguard Target Retirement Income Inv	VTINX	7.84	1.46	5.69	22	5.39	19	4.93	20	5.84	23	5.27	10/27/2003
Universe: Morningstar Target-Date Retirement		8.01	0.23	4.08	180	4.52	156	4.20	133	5.06	96		
Benchmark: S&P Target Date Retirement Income TR USD		8.18	0.95	5.40		5.17		4.70		5.54			
VT Retirement IncomeAdvantage	-	-	-1.19	4.56	60	5.37	21	5.09	8	6.69	3	-	-
Universe: Morningstar Target-Date Retirement		8.01	0.23	4.08	180	4.52	156	4.20	133	5.06	96		
Benchmark: S&P Target Date Retirement Income TR USD		8.18	0.95	5.40		5.17		4.70		5.54			
Vanguard Target Retirement 2015 Inv	VTXVX	8.90	0.79	5.45	27	5.78	26	5.47	29	7.55	35	6.06	10/27/2003
Universe: Morningstar Target-Date 2015		10.15	-0.17	4.65	123	5.42	98	5.12	72	7.10	48		
Benchmark: S&P Target Date 2015 TR USD		9.77	-0.29	4.73		5.35		5.30		7.10			
Vanguard Target Retirement 2020 Inv	VTWNX	11.40	-0.58	5.09	23	6.09	17	5.96	10	8.31	14	6.12	06/07/2006
Universe: Morningstar Target-Date 2020		10.22	-0.81	4.07	223	5.26	195	5.03	149	7.14	95		
Benchmark: S&P Target Date 2020 TR USD		10.65	-1.03	4.33		5.45		5.56		7.76			



				1 Year		3 \	r ear	5 Y	⁄ear	10 Year		Since	Inception
Investment Option	Ticker	QTD Return	YTD Return	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	%Rank #Funds	Return	Inception Date
Vanguard Target Retirement 2025 Inv	VTTVX	13.20	-1.46	4.82	24	6.33	22	6.29	14	8.88	17	6.60	10/27/2003
Universe: Morningstar Target-Date 2025		12.01	-1.63	3.95	229	5.59	200	5.46	159	7.98	94		
Benchmark: S&P Target Date 2025 TR USD		12.25	-2.27	3.66		5.57		5.82		8.31			
Vanguard Target Retirement 2030 Inv	VTHRX	14.58	-2.33	4.40	30	6.42	26	6.47	22	9.37	21	6.37	06/07/2006
Universe: Morningstar Target-Date 2030		13.72	-2.51	3.59	238	5.78	209	5.79	164	8.35	103		
Benchmark: S&P Target Date 2030 TR USD		13.94	-3.58	2.92		5.62		6.02		8.78			
Vanguard Target Retirement 2035 Inv	VTTHX	15.90	-3.24	3.94	26	6.45	27	6.62	24	9.84	19	7.10	10/27/2003
Universe: Morningstar Target-Date 2035		15.58	-3.58	3.18	226	5.93	197	6.03	156	8.98	91		
Benchmark: S&P Target Date 2035 TR USD		15.55	-4.90	2.12		5.61		6.17		9.16			
Vanguard Target Retirement 2040 Inv	VFORX	17.29	-4.11	3.46	26	6.50	20	6.76	21	10.08	20	6.70	06/07/2006
Universe: Morningstar Target-Date 2040		16.73	-4.63	2.41	238	5.78	209	6.06	164	9.04	103		
Benchmark: S&P Target Date 2040 TR USD		16.66	-5.78	1.56		5.61		6.28		9.43			
Vanguard Target Retirement 2045 Inv	VTIVX	18.70	-4.90	2.97	38	6.41	25	6.79	22	10.10	19	7.43	10/27/2003
Universe: Morningstar Target-Date 2045		17.83	-5.30	2.10	226	5.82	197	6.16	156	9.32	90		
Benchmark: S&P Target Date 2045 TR USD		17.29	-6.35	1.20		5.56		6.34		9.61			
Vanguard Target Retirement 2050 Inv	VFIFX	18.67	-4.90	3.02	34	6.42	23	6.79	21	10.10	24	6.71	06/07/2006
Universe: Morningstar Target-Date 2050		18.08	-5.62	1.78	238	5.70	209	6.13	164	9.21	83		
Benchmark: S&P Target Date 2050 TR USD		17.61	-6.57	1.05		5.57		6.42		9.75			
Vanguard Target Retirement 2055 Inv	VFFVX	18.64	-4.95	2.95	33	6.40	26	6.77	24	-	-	9.97	08/18/2010
Universe: Morningstar Target-Date 2055		18.42	-5.76	1.80	226	5.77	195	6.19	153	9.37	36		
Benchmark: S&P Target Date 2055 TR USD		17.76	-6.78	0.89		5.54		6.45		9.87			
Vanguard Target Retirement 2060 Inv	VTTSX	18.61	-4.95	2.95	30	6.39	30	6.76	44	-	-	9.12	01/19/2012
Universe: Morningstar Target-Date 2060+		18.53	-6.11	1.61	254	5.83	165	6.41	63	-	0		
Benchmark: S&P Target Date 2055 TR USD		17.76	-6.78	0.89		5.54		6.45		9.87			
Vanguard Target Retirement 2065 Inv	VLXVX	18.59	-5.03	2.84	34	-	-	-	-	-	-	5.74	07/12/2017
Universe: Morningstar Target-Date 2060+		18.53	-6.11	1.61	254	5.83	165	6.41	63	-	0		
Benchmark: S&P Target Date 2055 TR USD		17.76	-6.78	0.89		5.54		6.45		9.87			



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Cash

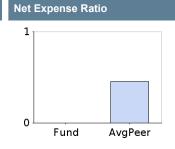
Ticker:

Peer Group/Category: Morningstar Money Market - Taxable Benchmark: FTSE Treasury Bill 3 Mon USD Fund Inception Date: -

Fund Manager: NA Manager Tenure: -Website: -

Total Fund Assets: -Net Expense Ratio: -Fund Family: -

	Last Quarter	Year to Date	1 Year	3 Year	5 Year	10 Year	Since Inception
Fund	-	-	-	_	_	-	-
Benchmark	0.14	0.52	1.56	1.72	1.15	0.61	
Peers	0.00	0.25	1.04	1.27	0.80	0.40	
#Funds	586	584	563	524	454	418	
Rank%							



Criteria	Pass Criteria
Return 1Yr	NE
Return 5Yr	NE
Expense Ratio	NE
Prod Hist	NE
Manager Tenure	NE
AUM	NE
Alpha 5Yr	NE

Returns for Periods Ending 06/30/2020

Returns for Calendar Years

Insufficient data to display graph

Insufficient data to display graph

Cash

FTSE Treasury Bill 3 Mon USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Cash

Portfolio Analysis	Fund	Peer Group	Returns for 12 Quarter Rolling Periods
Average Effective Duration - Average Effective Maturity - Number of Holdings -		- - 106	Insufficient data to display graph
Statistics Relative to FTSE Treasury E			Alpha Relative to FTSE Treasury Bill 3 Mon USD for 12 Quarter Rolling Periods
Insufficient data to display graph			Insufficient data to display graph
Risk Measures 5 Yr	Fund	Peer Group	
Alpha	-	-0.35	
Beta	-	1.04	
Sharpe Ratio	-	-3.36	
Information Ratio	-	-5.51	
RSquared	-	73.29	
TrackingError			

■ FTSE Treasury Bill 3 Mon USD

Cash



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vantagepoint PLUS Fund R10

Ticker:

Fund

Peers

#Funds

Rank%

Benchmark

Peer Group/Category: Morningstar US SA Stable Value Benchmark: Blend (50% BofAML US Treasuries 1-3 Yr TR_50% Manager Tenure: 15.75 Years BofAML US Treasury Bill 3 Mon)

Last Quarter

0.56

0.08

0.45

306

13

Year to Date

1.15

1.77

0.95

305

15

1 Year

2.39

2.84

2.06

299

16

3 Year

2.32

2.23

1.94

267

11

Fund Inception Date: 01-02-1991

Fund Manager: Wayne Wicker Website: -

10 Year

2.13

0.98

1.77

179

23

5 Year

2.20

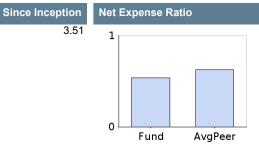
1.52

1.75

248

8

Total Fund Assets: \$9.78 bn Net Expense Ratio: 0.54 Fund Family: ICMA-RC



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 2019 2017 2016 2015 2014 2013 2012 2011 2010 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2018 Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 0.56 1.15 2.39 2.32 2.20 2.13 A 2.45 2.27 2.12 1.98 2.03 2.07 1.60 1.90 2.36 2.71 Rank % 13 15 16 11 8 23 Rank % 18 13 5 7 8 6 38 40 42 59 0.08 1.77 2.84 2.23 1.52 0.98 2.92 1.73 0.64 0.61 0.30 0.33 0.22 0.27 0.83 1.23 100 20 78 98 Rank % Rank % 70 100 100 100 99 100 98 98 100

■ Blend (50% BofAML US Treasuries 1-3 Yr TR 50% BofAML US Treasury Bill 3 Mon)

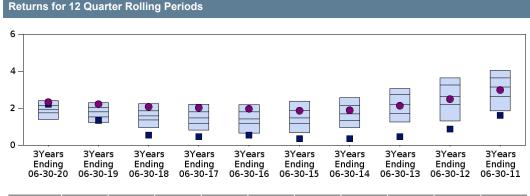
Vantagepoint PLUS Fund R10



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vantagepoint PLUS Fund R10

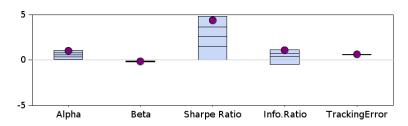
Portfolio Analysis	Fund	Peer Group
Average Effective Duration	2.37	2.97
Average Effective Maturity	4.06	2.83
Number of Holdings	1	583

Credit Quality Rating (%)	Fund	Peer Group
AAA	54.23	56.47
AA	20.13	12.26
A	14.78	15.47
BBB	9.43	12.51
BB	1.43	0.53
В	0.00	0.01
Below B	0.00	0.05
Not Rated	0.00	2.71



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	2.32	2.21	2.07	2.03	1.96	1.87	1.89	2.12	2.50	2.98
Rank %	11	8	7	13	17	26	43	52	61	58
■ B	2.23	1.34	0.55	0.46	0.54	0.36	0.35	0.46	0.86	1.61
Rank %	19	91	100	100	98	100	100	100	100	99

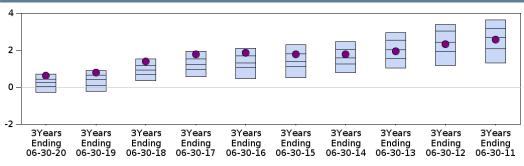
Statistics Relative to Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon) for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	1.04	0.59
Beta	-0.15	-0.14
Sharpe Ratio	4.39	2.54
Information Ratio	1.10	0.37
RSquared	10.87	10.74
TrackingError	0.61	0.61

Vantagepoint PLUS Fund R10

Alpha Relative to Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon) for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	0.61	0.80	1.38	1.77	1.86	1.78	1.78	1.95	2.32	2.57
Rank %	10	8	7	13	17	27	42	52	59	58

■ Blend (50% BofAML US Treasuries 1-3 Yr TR_50% BofAML US Treasury Bill 3 Mon)



Lansing Board of Water & Light 457(b) Deferred Compensation Plan PIMCO Total Return A

Ticker: PTTAX

Peer Group/Category: Morningstar Intermediate Core-Plus Fund Manager: Scott Mather

Last Quarter

3.79

3.81

5.54

619

87

Fund

Peers

#Funds Rank%

Benchmark

Benchmark: BBgBarc US Universal TR USD

Fund Inception Date: 05-11-1987

Manager Tenure: 5.75 Years Website: www.pimco.com

5 Year

4.04

4.42

3.98

455

55

10 Year

3.83

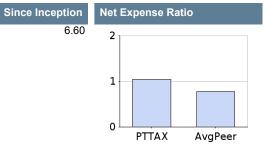
4.12

4.16

333

73

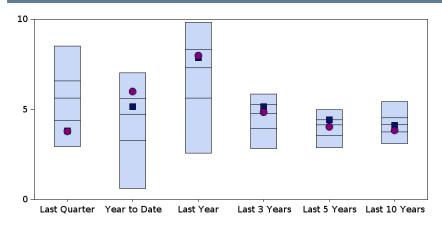
Total Fund Assets: \$67.97 bn Net Expense Ratio: 1.05 Fund Family: PIMCO



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	No
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020

Returns for Calendar Years



Year to Date

5.98

5.17

4.37

615

18

1 Year

7.97

7.88

6.83

601

35

3 Year

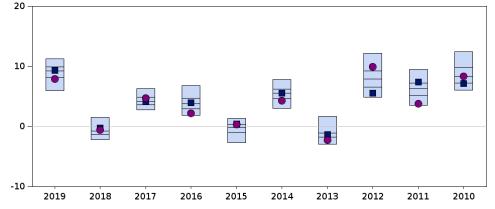
4.85

5.15

4.58

534

46



		QTD	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
ĺ	A	3.79	5.98	7.97	4.85	4.04	3.83
	Rank %	87	18	35	46	55	73
	В	3.81	5.17	7.88	5.15	4.42	4.12
	Rank %	87	42	38	29	25	54

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
A	7.89	-0.60	4.73	2.20	0.34	4.29	-2.30	9.93	3.74	8.36
Rank %	79	45	32	92	27	82	88	16	93	50
В	9.29	-0.25	4.09	3.91	0.43	5.56	-1.35	5.53	7.40	7.16
Rank %	49	30	58	49	23	51	62	90	22	79

PIMCO Total Return A

BBgBarc US Universal TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan PIMCO Total Return A

Portfolio Analysis	Fund	Peer Group
Average Effective Duration	6.57	5.64
Average Effective Maturity	8.91	8.17
Number of Holdings	7322	1017

Credit Quality Rating (%)	Fund	Peer Group
AAA	56.00	46.38
AA	7.00	6.19
A	14.00	13.56
BBB	11.00	20.99
BB	4.00	5.67
В	4.00	2.82
Below B	2.00	1.09
Not Rated	-	3.31

Returns for 12 Quarter Rolling Periods 15 10 5 -3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 06-30-18 06-30-16 06-30-15 06-30-14 06-30-Ĭ3 06-30-12 06-30-Ĭ1 06-30-19 06-30-17 06-30-12 06-30-20 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11 A 4.85 2.81 1.72 2.18 3.08 2.05 3.92 4.25 8.23 8.98 Rank % 46 57 68 65 82 78 70 67 22 81

4.20

29

2.33

70

4.22

71

4.09

76

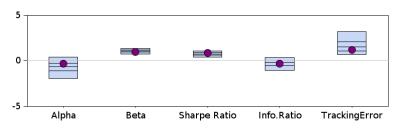
7.55

81

6.74

69

Statistics Relative to BBgBarc US Universal TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.32	-0.70
Beta	0.99	1.09
Sharpe Ratio	0.87	0.82
Information Ratio	-0.31	-0.28
RSquared	85.87	80.32
TrackingError	1.23	1.75

3Years Ending Ending Ending Ending Ending Ending 06-30-15 Ending Ending Ending Ending 06-30-20 06-30-19 06-30-18 06-30-Ĭ7 06-30-16 06-30-14 06-30-**1**3 06-30-12 06-30-Ĭ1 06-30-19 06-30-15 06-30-11 06-30-20 06-30-18 06-30-17 06-30-16 06-30-14

A 0.01 -0.35-1.46-0.77-0.490.07 2.91 -0.26Rank % 25 70 83 91 95 87 83 13

PIMCO Total Return A

■ BBgBarc US Universal TR USD

В

Rank %

5.15

29

2.84

56

2.12

46

Alpha Relative to BBgBarc US Universal TR USD for 12 Quarter Rolling Periods

2.76

35



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® US Bond Index

Returns for Calendar Years

10 Year | Since Inception

3.79

3.82

3.65

249

46

15

Ticker: FXNAX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Intermediate Core Bond Fund Manager: Brandon Bettencourt Benchmark: BBgBarc US Agg Bond TR USD

Last Quarter

2.77

2.90

3.87

432

78

Fund Inception Date: 05-04-2011

Manager Tenure: 6.08 Years

Website: www.institutional.fidelity.com

5 Year

4.32

4.30

3.90

331

22

3 Year

5.38

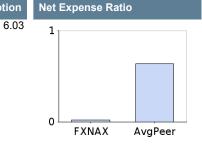
5.32

4.83

380

19

Total Fund Assets: \$51.80 bn Net Expense Ratio: 0.02 Fund Family: Fidelity Investments



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 15 10 5 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years Last Year

Year to Date

6.53

6.14

5.54

428

17

1 Year

9.01

8.74

7.88

421

19

10 0 --2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 2019 2018 2016 2015 2014 2013 2012 2011 2010 A 8.48 0.01 3.50 2.52 0.63 5.99 -2.19 4.23 7.79 6.29 32 70 Rank % 51 42 53 28 29 61 73 13 В -2.02 4.21 6.54

0.55

37

5.97

30

49

73

	QTD	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	2.77	6.53	9.01	5.38	4.32	3.79
Rank %	78	17	19	19	22	46
■ B	2.90	6.14	8.74	5.32	4.30	3.82
Rank %	72	38	30	22	23	44

Rank % BBgBarc US Agg Bond TR USD

8.72

34

0.01

32

3.54

39

2.65

42

7.84

11

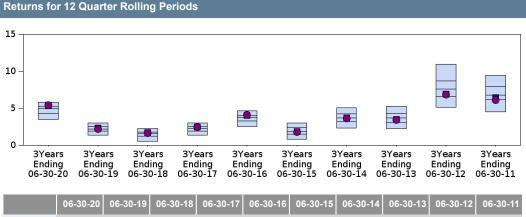
59



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® US Bond Index

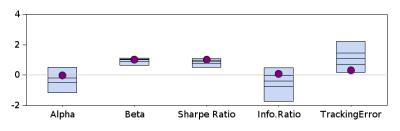
Portfolio Analysis	Fund	Peer Group
Average Effective Duration	5.45	5.41
Average Effective Maturity	-	8.07
Number of Holdings	2192	1438

Credit Quality Rating (%)	Fund	Peer Group
AAA	73.63	60.05
AA	4.12	6.20
A	12.13	14.44
BBB	9.94	16.71
BB	0.14	1.20
В	0.00	0.22
Below B	0.00	0.08
Not Rated	0.04	1.09



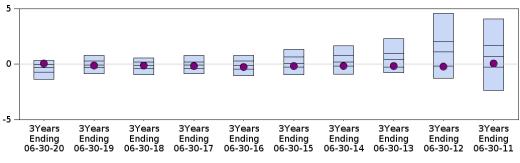
A 5.38 2.20 1.66 2.45 4.10 1.74 3.64 3.40 6.83 6.09 Rank % 20 53 35 31 18 59 54 59 65 76 В 5.32 2.31 1.72 2.48 4.06 1.83 3.66 3.51 6.93 6.46 Rank % 23 39 29 26 22 53 52 56 62 64

Statistics Relative to BBgBarc US Agg Bond TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.02	-0.27
Beta	1.01	0.96
Sharpe Ratio	1.00	0.90
Information Ratio	0.06	-0.51
RSquared	99.13	87.27
TrackingError	0.29	1.11

Alpha Relative to BBgBarc US Agg Bond TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	0.07	-0.13	-0.10	-0.15	-0.24	-0.17	-0.15	-0.16	-0.23	0.05
Rank %	16	61	47	55	61	68	70	72	77	67

Fidelity® US Bond Index

BBgBarc US Agg Bond TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan PIMCO Real Return Inst.

Since Inception

5.82

Ticker: PRRIX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Inflation-Protected Bond Benchmark: BBgBarc Gbl Infl Linked US TIPS TR USD

Last Quarter

5.38

4.24

4.88

213

26

Year to Date

6.20

6.01

4.70

212

18

1 Year

8.38

8.28

6.78

212

15

Fund Inception Date: 01-29-1997

Fund Manager: Stephen Rodosky Manager Tenure: 1.41 Years Website: www.pimco.com

5 Year

3.73

3.75

3.09

170

18

3 Year

4.94

5.05

4.27

196

25

10 Year

3.49

3.52

2.90

115

10

Total Fund Assets: \$9.09 bn Net Expense Ratio: 0.98 Fund Family: PIMCO

Net E	Expense F	Ratio
2 🗆		
,		
1		
οŢ	DDDIX	A D
	PRRIX	AvgPeer

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	No
AUM	Yes
Alpha 5Yr	Yes

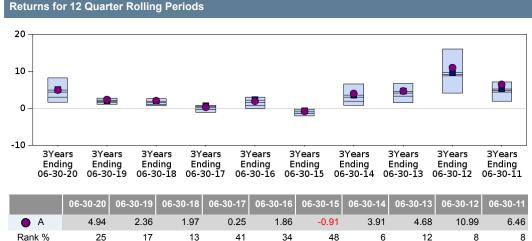
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 15 40 10 20 5 0 -20 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last Year Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 5.38 6.20 8.38 4.94 3.73 3.49 A 8.52 -1.97 3.92 5.04 -2.75 3.42 -9.05 9.25 11.57 7.81 18 15 25 18 77 27 11 Rank % 26 10 Rank % 20 70 11 17 74 8 61 ■ B 4.24 6.01 8.28 5.05 3.75 В 8.43 -1.44 3.64 3.52 -1.26 3.01 4.68 -8.61 6.98 13.56 6.31 Rank % 28 22 18 17 10 Rank % 24 38 31 27 37 15 51 24 14 31 PIMCO Real Return Instl BBgBarc Gbl Infl Linked US TIPS TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan PIMCO Real Return Inst.

Portfolio Analysis	Fund	Peer Group
Average Effective Duration	8.32	6.19
Average Effective Maturity	8.60	7.56
Number of Holdings	916	272

Credit Quality Rating (%)	Fund	Peer Group
AAA	92.00	86.17
AA	1.00	2.03
A	1.00	3.59
BBB	2.00	5.33
BB	1.00	1.63
В	1.00	0.72
Below B	2.00	0.21
Not Rated	-	0.30



2.31

16

-0.76

33

3.55

19

4.63

14

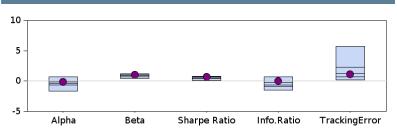
9.63

31

5.28

21

Statistics Relative to BBgBarc Gbl Infl Linked US TIPS TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.11	-0.47
Beta	1.04	0.94
Sharpe Ratio	0.67	0.58
Information Ratio	-0.02	-0.59
RSquared	91.95	81.01
TrackingError	1.09	1.85

PIMCO Real Return Instl

-2 3Years Ending 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11 06-30-20

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-0.12	0.27	-0.04	-0.41	-0.76	-0.00	0.10	-0.21	1.17	0.66
Rank %	32	15	26	48	70	13	17	48	9	12

■ BBgBarc Gbl Infl Linked US TIPS TR USD

В

Rank %

5.05

18

2.08

29

1.93

18

0.63

Alpha Relative to BBgBarc Gbl Infl Linked US TIPS TR USD for 12 Quarter Rolling Periods

13



Lansing Board of Water & Light 457(b) Deferred Compensation Plan PIMCO Income Instl

Ticker: PIMIX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Multisector Bond Benchmark: BBgBarc Global Aggregate TR USD

Last Quarter

6.48

3.32

7.78

337

68

Year to Date

-1.68

2.98

-2.04

336

55

Fund Inception Date: 03-30-2007

Fund Manager: Daniel Ivascyn Manager Tenure: 13.25 Years Website: www.pimco.com

5 Year

4.69

3.56

3.30

235

6

10 Year

7.51

2.81

4.44

128

3 Year

3.32

3.79

2.63

283

34

1 Year

0.69

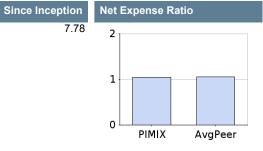
4.22

0.69

321

56

Total Fund Assets: \$116.85 bn Net Expense Ratio: 1.05 Fund Family: PIMCO



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

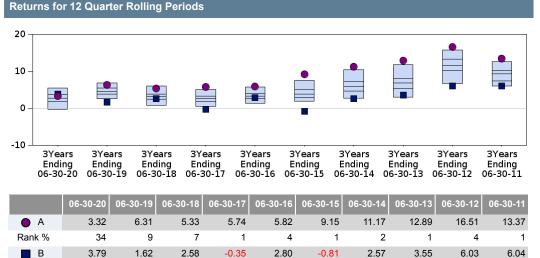
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 30 20 10 10 -0 -10 -10 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last 3 Years Last 5 Years Last 10 Years 2013 QTD YTD 2019 2018 2017 2016 2015 2012 2011 2010 A 6.48 -1.68 0.69 3.32 4.69 7.51 A 8.05 0.58 8.60 8.72 2.64 7.18 4.80 22.17 6.37 20.46 55 56 34 6 Rank % 68 Rank % 78 20 13 24 8 10 18 18 1 1 В 3.32 2.98 4.22 3.79 3.56 В -2.60 4.32 2.81 6.84 -1.20 7.39 2.09 -3.15 0.59 5.64 5.54 Rank % 89 11 17 25 93 Rank % 89 39 24 84 94 100 98 27 96 PIMCO Income Instl BBgBarc Global Aggregate TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan PIMCO Income Instl

Portfolio Analysis	Fund	Peer Group
Average Effective Duration	0.77	4.31
Average Effective Maturity	3.45	8.07
Number of Holdings	7819	778

Credit Quality Rating (%)	Fund	Peer Group
AAA	41.00	22.71
AA	6.00	4.74
A	8.00	9.46
BBB	14.00	21.34
BB	9.00	17.92
В	10.00	13.89
Below B	11.00	4.50
Not Rated	-	5.45



69

100

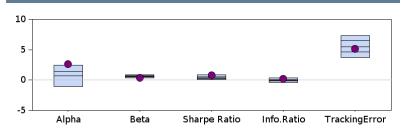
97

93

99

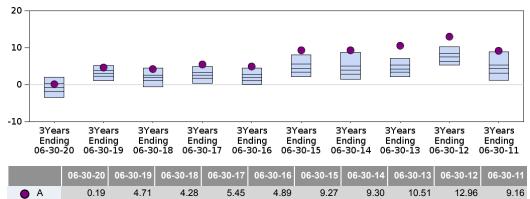
94

Statistics Relative to BBgBarc Global Aggregate TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	2.58	0.76
Beta	0.39	0.63
Sharpe Ratio	0.76	0.42
Information Ratio	0.22	-0.04
RSquared	14.31	24.77
TrackingError	5.13	5.70

PIMCO Income Instl



BBgBarc Global Aggregate TR USD

26

Rank %

Rank %

24

99

70

98

Alpha Relative to BBgBarc Global Aggregate TR USD for 12 Quarter Rolling Periods



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® Balanced

Ticker: FBALX

Peer Group/Category: Morningstar Allocation--50% to 70% Fund Manager: Steven Kaye Manager Tenure: 11.75 Years

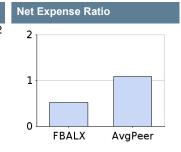
Benchmark: Blend (60% S&P 500 TR 40% BC Agg Bond TR Website: www.institutional.fidelity.com

USD)

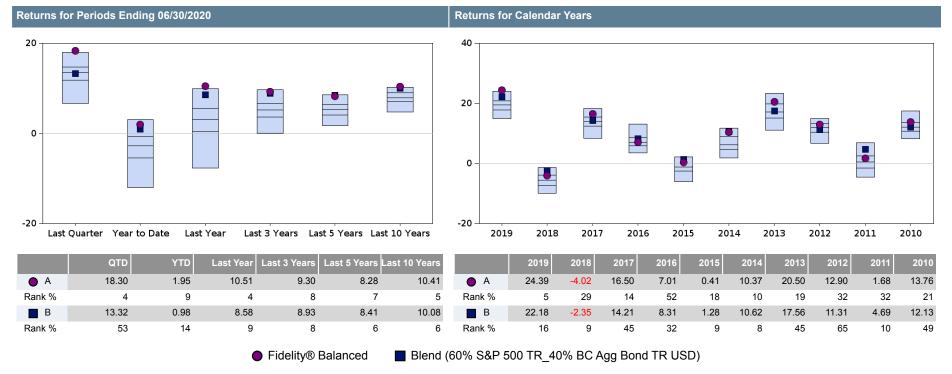
Fund Inception Date: 11-06-1986

	Last Quarter	Voor to Data	1 Voor	2 Voor	5 Voor	10 Voor	Since Inception
	Lasi Quarter	rear to Date	i ieai	3 Teal	o rear	IU Teal	Since inception
Fund	18.30	1.95	10.51	9.30	8.28	10.41	9.22
Benchmark	13.32	0.98	8.58	8.93	8.41	10.08	
Peers	13.05	-3.58	2.30	5.04	5.22	7.88	
#Funds	698	696	684	636	559	412	
Rank%	4	9	4	8	7	5	

Total Fund Assets: \$34.46 bn Net Expense Ratio: 0.53 Fund Family: Fidelity Investments



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes





Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® Balanced

17

9

7

36

21

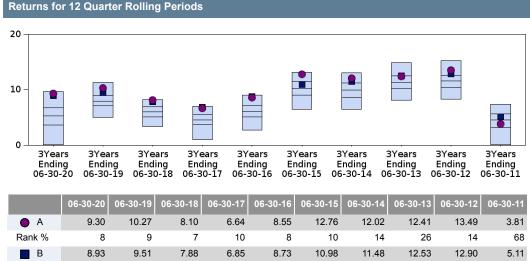
25

20

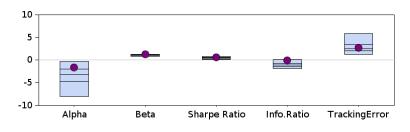
39

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	73,650.22	64,710.94
Price/Earning Ratio	19.60	17.65
Number of Holdings	2070.00	515.00

Sector Weightings (%)	Fund	Peer Group
Technology	24.59	17.65
Communication Services	10.77	8.76
Consumer Cyclical	9.84	9.37
Consumer Defensive	7.04	7.91
Industrials	8.17	9.81
Basic Materials	2.16	3.48
Financial Services	12.84	14.88
Real Estate	3.12	4.92
Healthcare	14.35	14.95
Energy	3.79	4.03
Utilities	3.34	4.24



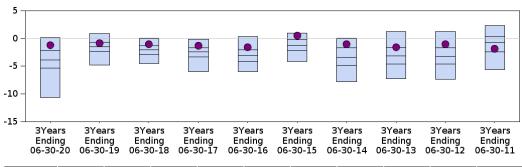
Statistics Relative to Blend (60% S&P 500 TR_40% BC Agg Bond TR USD) for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-1.64	-3.53
Beta	1.24	1.09
Sharpe Ratio	0.66	0.45
Information Ratio	-0.05	-1.08
RSquared	97.61	91.64
TrackingError	2.75	3.08

Fidelity® Balanced ■ Blend (60% S&P 500 TR_40% BC Agg Bond TR USD)

Rank %



Alpha Relative to Blend (60% S&P 500 TR_40% BC Agg Bond TR USD) for 12 Quarter Rolling Periods

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-1.17	-0.83	-1.03	-1.28	-1.59	0.52	-1.06	-1.56	-1.06	-1.87
Rank %	14	30	19	18	19	12	19	25	18	69



Lansing Board of Water & Light 457(b) Deferred Compensation Plan JHancock Disciplined Value R6

Since Inception

7.47

Ticker: JDVWX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Large Value Benchmark: Russell 1000 Value TR USD

Last Quarter

16.70

14.29

15.67

1228

35

Year to Date

-17.57

-16.26

-15.18

1223

74

1 Year

-10.07

-8.84

-7.59

1194

70

Fund Inception Date: 01-02-1997

Fund Manager: Mark Donovan Manager Tenure: 23.41 Years Website: www.jhfunds.com

3 Year | 5 Year

3.48

4.64

4.45

971

JHancock Disciplined Value R6

69

0.87

1.82

2.21

1110

69

10 Year

10.03

10.41

9.75

709

46

Total Fund Assets: \$11.80 bn Net Expense Ratio: 0.70 Fund Family: John Hancock

Net Expense Ratio		
2		
1		
1		
Ü	JDVWX	AvgPeer

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	No
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	No

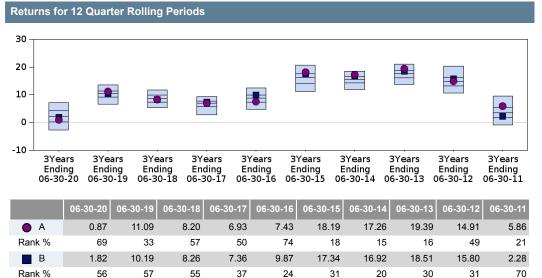
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 8 20 8 -8 0 -0 -20 -40 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 16.70 -17.57 -10.07 0.87 3.48 10.03 A 22.79 -9.47 19.33 14.07 -4.81 11.04 35.97 20.08 0.32 13.12 35 74 70 69 74 65 Rank % 69 46 Rank % 79 64 19 60 55 17 6 49 ■ B 14.29 -16.26 -8.84 1.82 4.64 В 10.41 26.54 -8.27 13.66 17.34 -3.83 13.45 32.53 17.51 0.39 15.51 Rank % 66 62 56 35 Rank % 37 46 80 26 17 42 19 49 32 61 Russell 1000 Value TR USD



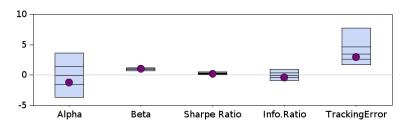
Lansing Board of Water & Light 457(b) Deferred Compensation Plan JHancock Disciplined Value R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	60,138.05	61,421.44
Price/Earning Ratio	12.58	14.99
Number of Holdings	104.00	126.00

Sector Weightings (%)	Fund	Peer Group
Technology	11.82	11.88
Communication Services	5.95	7.23
Consumer Cyclical	6.54	6.63
Consumer Defensive	2.07	9.84
Industrials	12.08	10.53
Basic Materials	8.59	3.41
Financial Services	27.02	19.65
Real Estate	0.00	3.14
Healthcare	20.19	16.45
Energy	3.90	5.72
Utilities	1.84	5.52



Statistics Relative to Russell 1000 Value TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-1.20	-0.06
Beta	1.06	0.98
Sharpe Ratio	0.22	0.28
Information Ratio	-0.39	-0.05
RSquared	97.24	93.66
TrackingError	2.98	4.04

0 -5 -10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11 06-30-13 06-30-12

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
• A	-0.81	0.36	-0.51	-0.99	-2.53	0.69	-0.36	-0.21	-1.09	3.43	
Rank %	68	46	69	66	77	26	46	44	56	22	

JHancock Disciplined Value R6

Russell 1000 Value TR USD

Alpha Relative to Russell 1000 Value TR USD for 12 Quarter Rolling Periods



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® 500 Index

Ticker: FXAIX

Peer Group/Category: Morningstar Large Blend

Benchmark: S&P 500 TR USD Fund Inception Date: 05-04-2011

Fund Manager: Louis Bottari Manager Tenure: 11.41 Years Website: www.institutional.fidelity.com Total Fund Assets: \$229.01 bn Net Expense Ratio: 0.02 Fund Family: Fidelity Investments

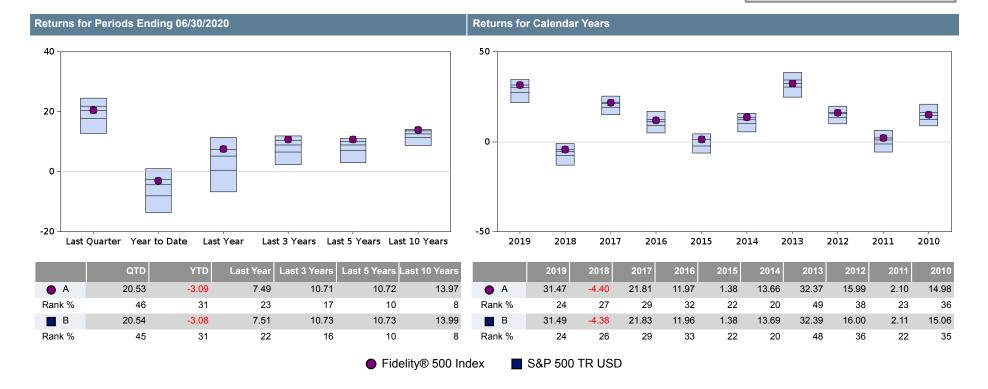
Net Expense Ratio

FXAIX

AvgPeer

Criteria	Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

	Last Quarter	Year to Date	1 Year	3 Year	5 Year	10 Year	Since Inception
Fund	20.53	-3.09	7.49	10.71	10.72	13.97	10.12
Benchmark	20.54	-3.08	7.51	10.73	10.73	13.99	
Peers	19.61	-5.45	3.76	8.15	8.34	12.22	
#Funds	1436	1413	1378	1229	1057	804	
Rank%	46	31	23	17	10	8	





Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® 500 Index

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	131,432.33	96,686.59
Price/Earning Ratio	22.28	19.71
Number of Holdings	507.00	288.00

Sector Weightings (%)	Fund	Peer Group
Technology	22.64	20.82
Communication Services	10.97	10.07
Consumer Cyclical	10.29	10.28
Consumer Defensive	7.55	8.39
Industrials	8.42	9.39
Basic Materials	2.20	2.60
Financial Services	13.58	14.46
Real Estate	2.84	2.87
Healthcare	15.36	15.66
Energy	2.92	2.68
Utilities	3.24	2.78

Returns for 12 Quarter Rolling Periods 30 20 10 0 0 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11 06-30-20 06-30-13 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11 A 10.71 14.17 11.92 9.61 11.65 17.30 16.57 18.42 16.34 3.31 Rank % 17 19 12 15 13 42 25 26 21 49 В 10.73 14.19 11.93 9.61 11.66 17.31 16.58 18.45 16.40 3.34

13

41

24

24

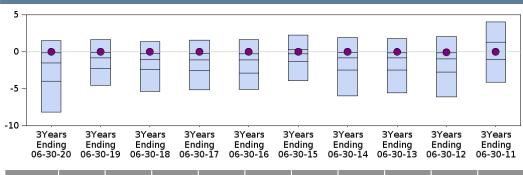
19

48

10 -10 Alpha Beta Sharpe Ratio Info.Ratio TrackingError

Statistics Relative to S&P 500 TR USD for 5 Years

Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.01	-2.12
Beta	1.00	1.00
Sharpe Ratio	0.68	0.55
Information Ratio	-0.77	-1.28
RSquared	100.00	94.75
TrackingError	0.02	3.19



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	-0.01	-0.01	-0.01	-0.00	-0.00	0.01	-0.02	-0.03	-0.05	-0.03	
Rank %	20	22	18	18	17	37	23	22	20	51	

Fidelity® 500 Index

Rank %

16

18

12

Alpha Relative to S&P 500 TR USD for 12 Quarter Rolling Periods

14

■ S&P 500 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® Contrafund®

13.99

10 Year | Since Inception

15.57

17.23

15.08

816

46

Ticker: FCNTX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Large Growth Benchmark: Russell 1000 Growth TR USD

Last Quarter

26.87

27.84

27.43

1372

48

Year to Date

9.56

9.81

7.85

1363

41

1 Year

17.91

23.28

17.36

1343

48

Fund Inception Date: 05-17-1967

Fund Manager: William Danoff Manager Tenure: 29.75 Years Website: www.institutional.fidelity.com

5 Year

14.05

15.89

12.79

1093

39

3 Year

16.42

18.99

15.94

1246

47

Total Fund Assets: \$121.37 bn Net Expense Ratio: 0.85 Fund Family: Fidelity Investments

Net Expense Ratio FCNTX AvgPeer

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

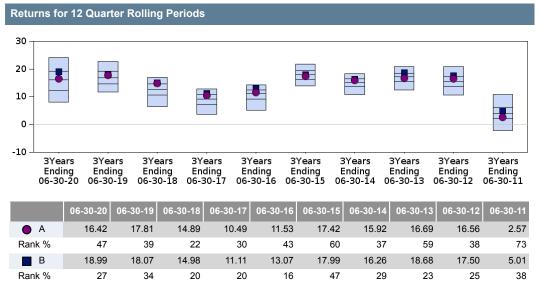
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 0 20 0 • 0 -20 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 5 Years Last 10 Years Last Year Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 26.87 9.56 17.91 16.42 14.05 15.57 A 29.98 -2.13 32.21 3.36 6.46 9.56 34.15 16.26 -0.1416.93 48 48 47 39 50 54 Rank % 41 46 Rank % 71 22 54 29 62 43 41 42 ■ B 27.84 9.81 23.28 18.99 15.89 В 17.23 36.39 -1.51 30.21 7.08 5.67 13.05 33.48 15.26 2.64 16.71 Rank % 38 39 22 27 18 Rank % 17 43 24 37 27 61 54 17 44 Fidelity® Contrafund® Russell 1000 Growth TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® Contrafund®

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	205,750.96	117,696.20
Price/Earning Ratio	31.84	27.26
Number of Holdings	310.00	105.00

Sector Weightings (%)	Fund	Peer Group
Technology	27.26	29.42
Communication Services	19.07	12.92
Consumer Cyclical	12.84	14.19
Consumer Defensive	3.27	4.27
Industrials	2.03	6.71
Basic Materials	2.39	1.58
Financial Services	15.92	11.51
Real Estate	0.90	2.31
Healthcare	15.88	15.79
Energy	0.41	0.65
Utilities	0.04	0.64



10 -10 Alpha Beta Sharpe Ratio Info.Ratio TrackingError

Statistics Relative to Russell 1000 Growth TR USD for 5 Years

Risk Measures 5 Yr	Fund	Peer Group
Alpha	-1.33	-2.70
Beta	0.98	1.00
Sharpe Ratio	0.85	0.78
Information Ratio	-0.68	-0.81
RSquared	96.94	92.16
TrackingError	2.72	4.50

-10 -20 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11

Alpha Relative to Russell 1000 Growth TR USD for 12 Quarter Rolling Periods

		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
	Α	-2.17	-0.25	0.25	0.52	-0.55	-0.02	0.02	-0.16	0.90	-1.99
Rar	nk %	50	45	12	13	20	45	20	20	11	70

Fidelity® Contrafund®

Russell 1000 Growth TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan MainStay Winslow Large Cap Growth I

Since Inception

Ticker: MLAIX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Large Growth Benchmark: Russell 1000 Growth TR USD

Last Quarter

28.27

27.84

27.43

1372

34

Year to Date

12.22

9.81

7.85

1363

24

1 Year

21.91

23.28

17.36

1343

29

Fund Inception Date: 07-03-1995

Fund Manager: Justin Kelly Manager Tenure: 14.66 Years

3 Year

20.32

18.99

15.94

1246

18

Website: www.mainstayinvestments.com

5 Year

15.45

15.89

12.79

1093

24

10 Year

16.74

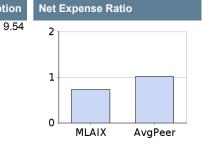
17.23

15.08

816

25

Total Fund Assets: \$13.01 bn Net Expense Ratio: 0.74 Fund Family: MainStay



Russell 1000 Growth TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 -8 8 20 0 0 -20 -50 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year 2019 Last 5 Years Last 10 Years Last Year Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 28.27 12.22 21.91 20.32 15.45 16.74 A 33.67 3.74 32.39 -2.28 6.17 10.54 36.94 13.21 -0.1915.65 34 24 29 18 Rank % 24 25 Rank % 36 8 20 91 33 53 27 78 41 55 В 27.84 9.81 23.28 18.99 15.89 В 17.23 36.39 -1.51 30.21 7.08 5.67 13.05 33.48 15.26 2.64 16.71 Rank % 39 22 19 18 Rank % 17 43 33 24 37 27 61 54 17

MainStay Winslow Large Cap Growth I



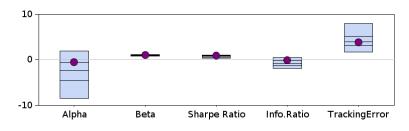
Lansing Board of Water & Light 457(b) Deferred Compensation Plan MainStay Winslow Large Cap Growth I

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	216,680.95	117,696.20
Price/Earning Ratio	35.41	27.26
Number of Holdings	47.00	105.00

Sector Weightings (%)	Fund	Peer Group
Technology	33.82	29.42
Communication Services	11.68	12.92
Consumer Cyclical	18.17	14.19
Consumer Defensive	0.00	4.27
Industrials	2.16	6.71
Basic Materials	2.04	1.58
Financial Services	12.73	11.51
Real Estate	4.08	2.31
Healthcare	15.33	15.79
Energy	0.00	0.65
Utilities	0.00	0.64

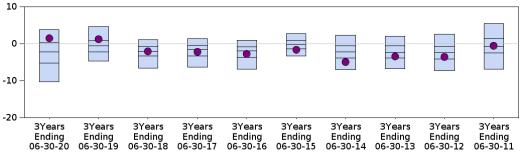
Returns for 12 Quarter Rolling Periods 30 20 10 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-13 06-30-12 06-30-14 06-30-11 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-11 A 20.32 20.02 14.57 9.55 11.36 18.13 14.05 17.33 15.51 4.43 Rank % 18 18 27 46 46 45 68 48 52 45 В 18.99 18.07 14.98 11.11 13.07 17.99 16.26 18.68 17.50 5.01 Rank % 27 34 20 20 16 47 29 23 25 38

Statistics Relative to Russell 1000 Growth TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.52	-2.70
Beta	1.02	1.00
Sharpe Ratio	0.89	0.78
Information Ratio	-0.11	-0.81
RSquared	94.34	92.16
TrackingError	3.88	4.50

Alpha Relative to Russell 1000 Growth TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	1.43	1.23	-2.04	-2.19	-2.75	-1.58	-4.94	-3.45	-3.62	-0.51
Rank %	16	22	51	61	65	78	85	70	67	44

MainStay Winslow Large Cap Growth I

Russell 1000 Growth TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan JPMorgan Mid Cap Value R6

Since Inception

10.80

Ticker: JMVYX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Mid-Cap Value Benchmark: Russell Mid Cap Value TR USD

Last Quarter

18.17

19.95

19.39

428

67

Year to Date

-19.45

-18.09

-19.78

425

45

1 Year

-13.70

-11.81

-13.56

420

53

Fund Inception Date: 11-13-1997

Fund Manager: Jonathan Simon Manager Tenure: 22.58 Years Website: www.jpmorganfunds.com

5 Year

2.45

3.32

2.10

346

46

3 Year

-1.23

-0.54

-1.59

386

47

10 Year

10.27

10.29

8.86

245

14

Total Fund Assets: \$12.73 bn Net Expense Ratio: 0.73 Fund Family: JPMorgan

Net Ex	Net Expense Ratio						
2 —							
1							
_ ر							
Ū	JMVYX	AvgPeer					

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

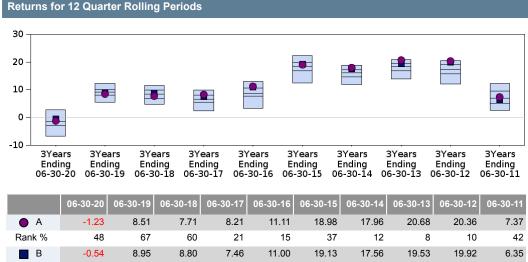
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 50 50 ---50 -50 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year 2019 Last 5 Years Last 10 Years Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 18.17 -19.45 -13.70 -1.23 2.45 10.27 A 26.67 -11.66 13.68 14.61 -2.35 15.14 31.99 20.48 2.42 23.34 67 45 53 47 30 Rank % 46 Rank % 45 31 52 80 24 11 76 12 14 4 ■ B 19.95 -18.09 -11.81 -0.54 3.32 В 10.29 27.06 -12.2913.34 20.00 -4.78 14.75 33.46 18.51 -1.38 24.75 Rank % 29 13 Rank % 37 41 58 46 53 14 62 31 32 17 JPMorgan Mid Cap Value R6 Russell Mid Cap Value TR USD



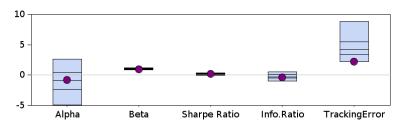
Lansing Board of Water & Light 457(b) Deferred Compensation Plan JPMorgan Mid Cap Value R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	12,707.97	9,567.70
Price/Earning Ratio	15.19	13.67
Number of Holdings	109.00	130.00

Sector Weightings (%)	Fund	Peer Group
Technology	7.42	10.61
Communication Services	3.88	3.51
Consumer Cyclical	13.20	11.52
Consumer Defensive	4.80	6.52
Industrials	10.65	14.27
Basic Materials	2.32	5.42
Financial Services	20.98	18.92
Real Estate	12.31	8.27
Healthcare	8.56	9.71
Energy	6.05	4.08
Utilities	9.83	7.18



Statistics Relative to Russell Mid Cap Value TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.81	-1.09
Beta	0.97	1.02
Sharpe Ratio	0.16	0.15
Information Ratio	-0.40	-0.26
RSquared	98.54	94.36
TrackingError	2.21	4.75

5 -0 -10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-12 06-30-11 06-30-13

18

34

18

20

14

63

		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
ĺ	A	-0.76	-0.13	-0.23	1.22	0.73	1.53	2.60	3.48	2.89	1.44
	Rank %	57	48	45	21	14	17	3	2	2	41

JPMorgan Mid Cap Value R6

Russell Mid Cap Value TR USD

Rank %

34

56

43

Alpha Relative to Russell Mid Cap Value TR USD for 12 Quarter Rolling Periods

36



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® Mid Cap Index

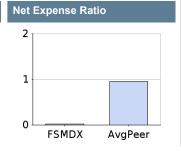
Ticker: FSMDX

Peer Group/Category: Morningstar Mid-Cap Blend Benchmark: Russell Mid Cap TR USD

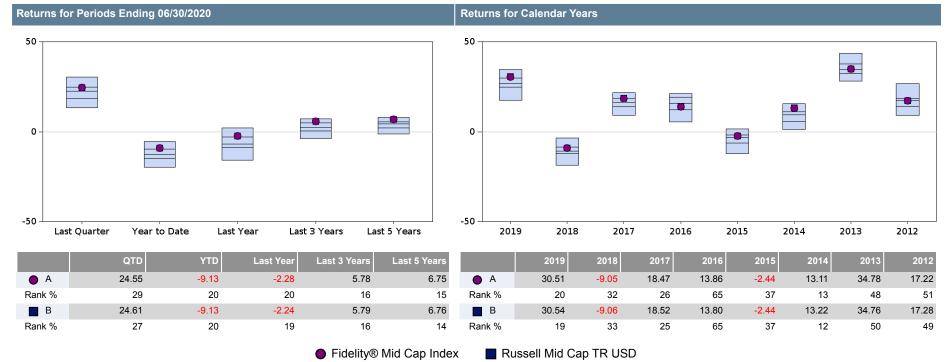
Fund Inception Date: 09-08-2011

Fund Manager: Louis Bottari Manager Tenure: 8.75 Years Website: www.institutional.fidelity.com Total Fund Assets: \$13.08 bn Net Expense Ratio: 0.02 Fund Family: Fidelity Investments

	Last Quarter	Year to Date	1 Year	3 Year	5 Year	10 Year	Since Inception
Fund	24.55	-9.13	-2.28	5.78	6.75	-	12.71
Benchmark	24.61	-9.13	-2.24	5.79	6.76	12.35	
Peers	22.12	-12.55	-6.20	2.41	3.86	10.02	
#Funds	425	423	410	370	296	216	
Rank%	29	20	20	16	15		



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes





Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® Mid Cap Index

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	13,699.90	9,922.24
Price/Earning Ratio	19.41	16.65
Number of Holdings	805.00	259.00

Sector Weightings (%)	Fund	Peer Group
Technology	19.83	16.95
Communication Services	4.60	4.95
Consumer Cyclical	11.20	12.57
Consumer Defensive	5.60	5.02
Industrials	13.67	15.44
Basic Materials	3.83	4.45
Financial Services	10.56	14.03
Real Estate	9.01	7.14
Healthcare	12.44	12.46
Energy	2.63	2.21
Utilities	6.63	4.77



10 -10 Alpha Beta TrackingError Sharpe Ratio Info. Ratio

Statistics Relative to Russell Mid Cap TR USD for 5 Years

Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.00	-2.65
Beta	1.00	1.00
Sharpe Ratio	0.40	0.26
Information Ratio	-0.08	-0.69
RSquared	100.00	93.09
TrackingError	0.08	4.72

Alpha Relative to Russell Mid Cap TR USD for 12 Quarter Rolling Periods 0 -5 -10 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 Ending 06-30-19 Ending 06-30-18 Ending 06-30-17 Ending 06-30-16 Ending 06-30-15 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15

0.01 0.01 0.03 0.01 0.00 A -0.01 17 37 Rank % 29 30 17

Fidelity® Mid Cap Index

Russell Mid Cap TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan T. Rowe Price Instl Mid-Cap Equity Gr

Since Inception

12.15

Ticker: PMEGX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Mid-Cap Growth Benchmark: Russell Mid Cap Growth TR USD

Last Quarter

28.62

30.26

30.29

614

55

Year to Date

-2.42

4.16

3.66

608

74

1 Year

3.55

11.91

9.71

601

76

Fund Inception Date: 07-31-1996

Fund Manager: Brian Berghuis Manager Tenure: 23.92 Years Website: www.troweprice.com

3 Year

11.58

14.76

12.64

557

60

5 Year

11.09

11.60

9.96

499

35

10 Year

15.47

15.09

13.57

381

17

Total Fund Assets: \$6.98 bn Net Expense Ratio: 0.61 Fund Family: T. Rowe Price

Net Expense Ratio							
2 T							
1							
0 -	PMEGX	AvgPeer					

Criteria	Pass Criteria
Return 1Yr	No
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 50 50 8 8 0 -50 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 28.62 -2.42 3.55 11.58 11.09 15.47 A 33.09 -2.2326.02 6.94 6.94 13.79 37.89 14.50 -1.2829.24 55 74 76 60 35 22 Rank % 17 Rank % 47 36 3 27 58 39 19 44 4 В 30.26 4.16 11.91 14.76 11.60 В 15.09 35.47 -4.75 25.27 7.33 -0.20 11.90 35.74 15.81 -1.65 26.38 Rank % 45 38 31 23 Rank % 31 40 41 37 50 13 49 41 43 43

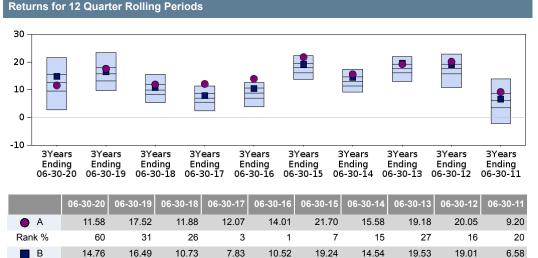
Russell Mid Cap Growth TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan T. Rowe Price Instl Mid-Cap Equity Gr

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	12,076.09	13,160.56
Price/Earning Ratio	20.39	26.31
Number of Holdings	135.00	114.00

Sector Weightings (%)	Fund	Peer Group
Technology	22.80	29.09
Communication Services	2.33	4.32
Consumer Cyclical	14.23	12.59
Consumer Defensive	5.28	3.45
Industrials	17.02	15.07
Basic Materials	2.97	1.86
Financial Services	7.76	7.92
Real Estate	0.97	4.32
Healthcare	23.40	19.55
Energy	1.40	1.29
Utilities	1.84	0.53



28

26

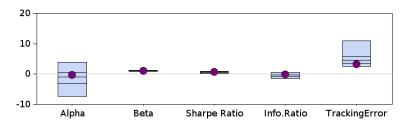
26

20

33

44

Statistics Relative to Russell Mid Cap Growth TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.29	-1.40
Beta	0.99	1.00
Sharpe Ratio	0.62	0.56
Information Ratio	-0.16	-0.48
RSquared	96.64	91.70
TrackingError	3.21	5.28

-10 -20 3Years Ending 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11 06-30-20 06-30-13 06-30-12

35

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-2.61	2.06	1.25	3.86	3.39	2.52	1.78	0.34	1.26	2.58
Rank %	64	19	25	4	2	7	14	26	23	22

T. Rowe Price Instl Mid-Cap Equity Gr

Russell Mid Cap Growth TR USD



Rank %

31

39

41

Alpha Relative to Russell Mid Cap Growth TR USD for 12 Quarter Rolling Periods



Lansing Board of Water & Light 457(b) Deferred Compensation Plan American Beacon Small Cap Value R6

10 Year | Since Inception

7.99

7.82

7.05

258

29

Ticker: AASRX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Small Value Benchmark: Russell 2000 Value TR USD

Last Quarter

22.16

18.91

22.34

447

42

Year to Date

-24.75

-23.50

-22.90

445

67

1 Year

-18.63

-17.48

-17.27

436

58

Fund Inception Date: 12-31-1998

Fund Manager: James Miles Manager Tenure: 21.50 Years

3 Year

-5.35

-4.35

-5.13

412

50

Website: www.americanbeaconfunds.com

5 Year

-0.05

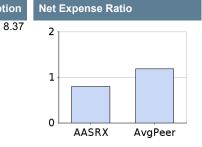
1.26

-0.32

372

44

Total Fund Assets: \$4.64 bn Net Expense Ratio: 0.80 Fund Family: American Beacon



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

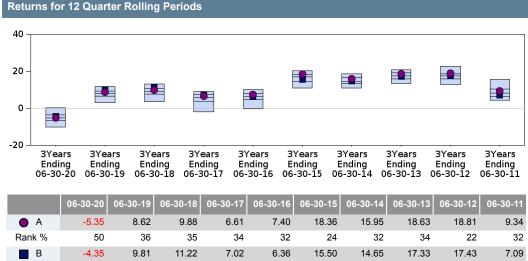
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 50 50 • 8 -50 -50 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2017 2016 2015 2014 2013 2012 2011 2010 Last Year 2019 2018 Last 5 Years Last 10 Years Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 22.16 -24.75 -18.63 -5.35 -0.05 7.99 A 23.50 -15.59 8.71 26.77 -5.04 4.70 40.06 16.52 -4.05 26.19 42 67 58 50 47 Rank % 44 29 Rank % 29 52 48 45 36 25 55 47 36 В 18.91 -23.50 -17.48 -4.35 1.26 В 4.22 24.50 7.82 22.39 -12.867.84 31.74 -7.47 34.52 18.05 -5.50 Rank % 72 50 45 33 34 Rank % 42 26 59 12 52 69 41 60 63 65 American Beacon Small Cap Value R6 Russell 2000 Value TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan American Beacon Small Cap Value R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	1,859.75	1,732.11
Price/Earning Ratio	10.79	12.00
Number of Holdings	722.00	233.00

Sector Weightings (%)	Fund	Peer Group
Technology	15.37	11.07
Communication Services	2.25	2.45
Consumer Cyclical	13.52	12.30
Consumer Defensive	3.35	4.88
Industrials	19.21	18.49
Basic Materials	4.90	5.33
Financial Services	26.19	24.30
Real Estate	5.03	7.80
Healthcare	4.40	5.83
Energy	2.79	3.92
Utilities	3.01	3.64



20 10 -10 Alpha Beta Sharpe Ratio Info.Ratio TrackingError

Statistics Relative to Russell 2000 Value TR USD for 5 Years

Risk Measures 5 Yr	Fund	Peer Group
Alpha	-1.06	-1.33
Beta	1.08	1.02
Sharpe Ratio	0.06	0.05
Information Ratio	-0.41	-0.33
RSquared	98.46	94.10
TrackingError	3.23	5.46

-10 3Years Ending 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11 06-30-20 06-30-13 06-30-12

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	0.04	-1.50	-0.92	-0.13	1.16	2.83	0.29	0.05	0.92	2.18	
Rank %	37	49	39	38	37	34	55	61	43	37	

American Beacon Small Cap Value R6

Russell 2000 Value TR USD

Rank %

33

19

18

Alpha Relative to Russell 2000 Value TR USD for 12 Quarter Rolling Periods

27

51

66

50

52

50

65



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® Small Cap Index

Ticker: FSSNX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Small Blend

Last Quarter

25.49

25.42

22.95

687

30

Year to Date

-12.94

-12.98

-16.88

681

21

Benchmark: Russell 2000 TR USD Fund Inception Date: 09-08-2011

Fund Manager: Louis Bottari Manager Tenure: 8.75 Years

3 Year

2.15

2.01

-0.64

615

16

1 Year

-6.46

-6.63

-11.41

669

16

Website: www.institutional.fidelity.com

5 Year

4.47

4.29

2.49

495

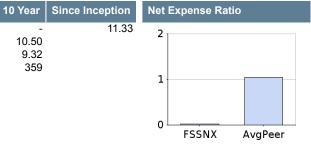
15

10.50

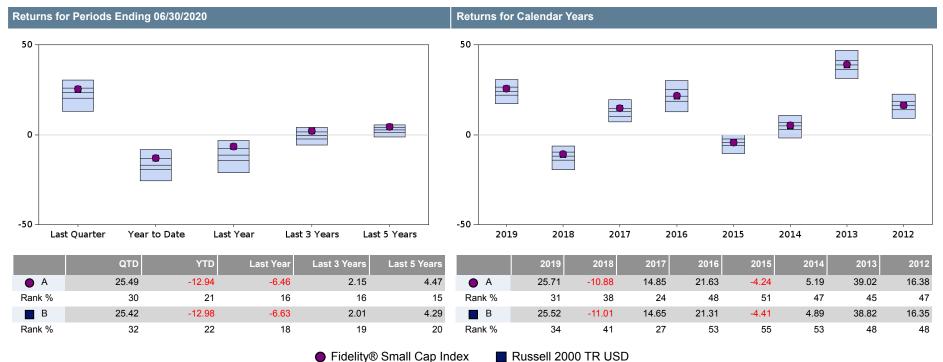
9.32

359

Total Fund Assets: \$11.02 bn Net Expense Ratio: 0.02 Fund Family: Fidelity Investments



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

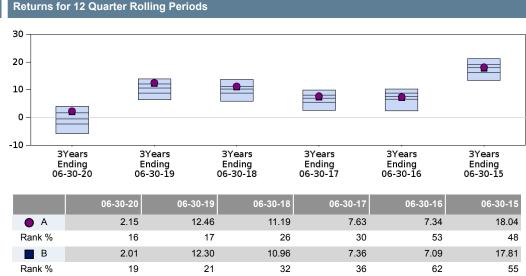




Lansing Board of Water & Light 457(b) Deferred Compensation Plan Fidelity® Small Cap Index

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	1,701.14	2,095.20
Price/Earning Ratio	14.70	14.97
Number of Holdings	1976.00	378.00

Sector Weightings (%)	Fund	Peer Group
Technology	14.94	15.85
Communication Services	2.52	2.71
Consumer Cyclical	8.29	10.41
Consumer Defensive	4.27	4.75
Industrials	15.92	18.60
Basic Materials	3.20	4.20
Financial Services	15.10	16.38
Real Estate	7.97	6.82
Healthcare	21.89	15.05
Energy	1.96	2.02
Utilities	3.94	3.20



Statistics Relative to Russell 2000 TR USD for 5 Years 10 0 -5 -10 TrackingError Alpha Beta Sharpe Ratio Info. Ratio

Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.18	-1.59
Beta	1.00	0.97
Sharpe Ratio	0.26	0.18
Information Ratio	1.95	-0.51
RSquared	100.00	94.73
TrackingError	0.09	4.49

Alpha Relative to Russell 2000 TR USD for 12 Quarter Rolling Periods 0 -5 -10 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 Ending 06-30-19 Ending 06-30-18 Ending 06-30-17 Ending 06-30-16 Ending 06-30-15 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 0.13 0.21 0.25 0.25 A 0.14 0.19

45

46

25

Fidelity® Small Cap Index

Rank %

Russell 2000 TR USD

17

72

68



Lansing Board of Water & Light 457(b) Deferred Compensation Plan AMG TimesSquare Small Cap Growth N

Returns for Calendar Years

Ticker: TSCPX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Small Growth Benchmark: Russell 2000 Growth TR USD

Last Quarter

34.77

30.58

32.19

643

32

Fund Inception Date: 01-21-2000

Fund Manager: Grant Babyak Manager Tenure: 20.41 Years Website: www.amgfunds.com

5 Year

8.35

6.86

8.28

508

51

10 Year

13.45

12.92

12.93

379

46

100

3 Year

11.08

7.86

10.08

577

41

1 Year

2.67

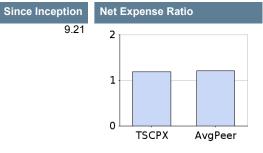
3.48

4.46

625

55

Total Fund Assets: \$426.74 MM Net Expense Ratio: 1.19 Fund Family: AMG Funds



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	No
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	No

Returns for Periods Ending 06/30/2020

50 -50 Last 3 Years Last 5 Years Last 10 Years

Year to Date

0.79

-3.06

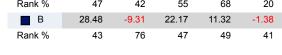
-0.10

639

42

	QTD	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	34.77	0.79	2.67	11.08	8.35	13.45
Rank %	32	42	55	41	51	46
В	30.58	-3.06	3.48	7.86	6.86	12.92
Rank %	57	57	52	60	64	57

Last Year



 AMG TimesSquare Small Cap Growth N Russell 2000 Growth TR USD



Last Quarter Year to Date



Lansing Board of Water & Light 457(b) Deferred Compensation Plan AMG TimesSquare Small Cap Growth N

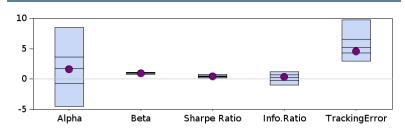
Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	2,831.37	3,060.07
Price/Earning Ratio	27.54	23.82
Number of Holdings	103.00	170.00

Sector Weightings (%)	Fund	Peer Group
Technology	29.58	24.97
Communication Services	3.12	2.47
Consumer Cyclical	9.90	9.61
Consumer Defensive	7.49	4.90
Industrials	16.50	16.44
Basic Materials	1.28	2.14
Financial Services	5.86	7.23
Real Estate	2.52	3.45
Healthcare	23.76	27.30
Energy	0.00	0.80
Utilities	0.00	0.70

Returns for 12 Quarter Rolling Periods 30 20 10 3Years 3Years 3Years 3Years 3Years 3Years 3Years 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-13 06-30-12 06-30-11

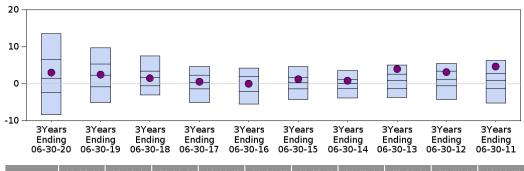
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	11.08	16.15	10.31	7.01	6.80	19.14	13.61	21.69	18.91	12.45
Rank %	41	49	62	55	53	36	45	18	40	16
■ B	7.86	14.69	10.60	7.64	7.74	20.11	14.49	19.97	18.09	8.35
Rank %	59	64	59	44	37	23	32	45	54	59

Statistics Relative to Russell 2000 Growth TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	1.60	1.61
Beta	0.97	0.95
Sharpe Ratio	0.44	0.45
Information Ratio	0.32	0.23
RSquared	95.08	92.15
TrackingError	4.59	5.75

Alpha Relative to Russell 2000 Growth TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	2.97	2.44	1.44	0.52	0.02	1.27	0.84	3.94	3.08	4.66	
Rank %	42	48	53	50	48	30	34	13	31	13	

AMG TimesSquare Small Cap Growth N



Russell 2000 Growth TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Oakmark International Advisor

Ticker: OAYIX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Foreign Large Value Benchmark: MSCI EAFE Value NR USD

Last Quarter

24.38

12.43

14.61

343

3

Year to Date

-23.00

-19.27

-16.61

339

91

1 Year

-15.11

-14.48

-11.01

330

81

Fund Inception Date: 09-30-1992

Fund Manager: David Herro Manager Tenure: 27.75 Years Website: www.oakmark.com

3 Year

-6.40

-4.43

-3.13

302

94

5 Year

-1.23

-1.59

-0.67

258

66

10 Year

5.18

3.53

3.75

171

12

Total Fund Assets: \$21.85 bn Net Expense Ratio: 0.90 Fund Family: Oakmark

OAYIX

AvgPeer

Net Expense Ratio Since Inception 8.21

Criteria	Criteria
Return 1Yr	No
Return 5Yr	No
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

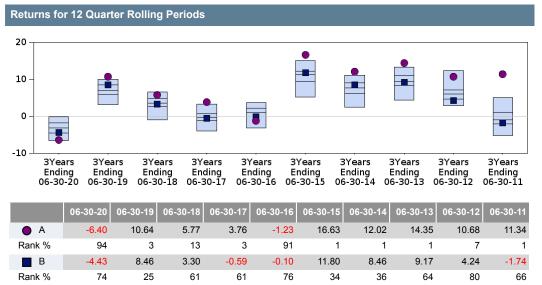
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 20 0 -20 -40 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 5 Years Last 10 Years Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 24.38 -23.00 -15.11 -6.40 -1.235.18 A 24.33 -23.35 29.93 7.96 -3.83 -5.41 29.34 29.22 -14.07 16.22 3 91 81 94 47 74 Rank % 66 12 Rank % 99 3 29 42 5 3 1 В 12.43 -19.27 -14.48 -4.43 -1.59 В 21.44 -5.39 3.53 16.09 -14.78 5.02 -5.68 22.95 17.69 -12.17 3.25 Rank % 76 74 76 73 60 Rank % 72 38 57 47 37 45 50 89 Oakmark International Advisor MSCI EAFE Value NR USD



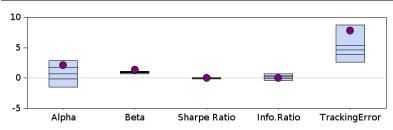
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Oakmark International Advisor

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	17,509.24	23,630.84
Price/Earning Ratio	9.21	11.91
Number of Holdings	75.00	206.00

International Exposure (%)	Fund	Peer Group
United States	0.88	2.03
Latin America	0.85	0.92
Canada	1.68	3.91
United Kingdom	22.43	15.73
Europe	58.47	41.15
Africa	2.20	0.28
Middle East	0.00	0.52
Japan	3.82	20.48
Australia	3.09	3.72
Asia	6.57	11.27
Not Classified	0.00	-

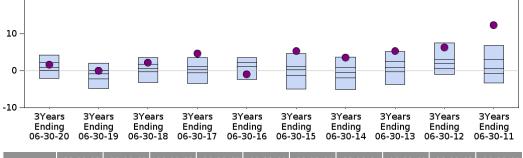


Statistics Relative to MSCI EAFE Value NR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	2.15	0.80
Beta	1.34	0.93
Sharpe Ratio	0.01	-0.04
Information Ratio	0.05	0.17
RSquared	93.67	90.01
TrackingError	7.81	5.01

Alpha Relative to MSCI EAFE Value NR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	1.67	-0.01	2.15	4.60	-0.99	5.27	3.54	5.27	6.30	12.33
Rank %	37	31	20	3	89	2	7	4	7	1

Oakmark International Advisor

MSCI EAFE Value NR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Total Intl Stock Index Admiral

Ticker: VTIAX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Foreign Large Blend Benchmark: FTSE Global All Cap ex US TR USD

Last Quarter

18.11

17.15

16.24

788

23

Year to Date

-10.59

-10.91

-10.92

785

43

1 Year

-4.09

-4.16

-4.65

762

41

Fund Inception Date: 04-29-1996

Fund Manager: Michael Perre Manager Tenure: 11.83 Years Website: www.vanguard.com

3 Year

1.09

1.39

0.31

651

35

5 Year

2.42

2.71

1.80

522

29

10 Year

5.27

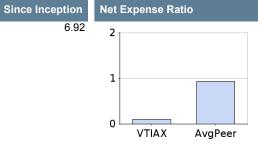
5.60

5.36

369

57

Total Fund Assets: \$399.13 bn Net Expense Ratio: 0.11 Fund Family: Vanguard



FTSE Global All Cap ex US TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 8 20 -• 0 -20 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2017 2016 2015 2014 2013 2012 2011 2010 2019 2018 Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 18.11 -10.59 -4.09 1.09 2.42 5.27 A 21.51 -14.43 27.55 4.67 -4.26 -4.17 15.14 18.21 -14.52 11.04 23 43 35 32 Rank % 41 29 57 Rank % 52 53 25 18 81 86 50 65 42 В 17.15 -10.91 -4.16 1.39 2.71 В 5.04 13.23 5.60 22.19 -14.36 27.77 -4.03 -3.12 15.90 17.92 -14.03 Rank % 37 52 28 Rank % 40 51 22 15 80 80 55 57 24 21

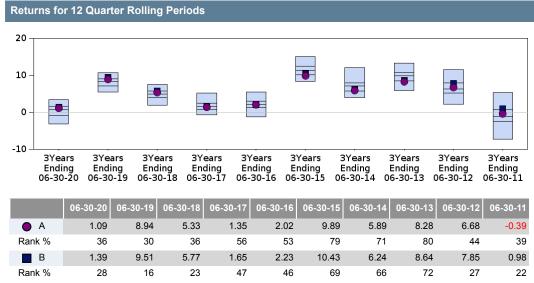
Vanguard Total Intl Stock Index Admiral



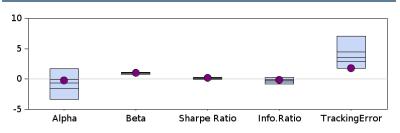
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Total Intl Stock Index Admiral

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	22,541.85	30,232.54
Price/Earning Ratio	15.02	15.39
Number of Holdings	7400.00	495.00

International Exposure (%)	Fund	Peer Group
United States	0.43	2.74
Latin America	2.15	1.15
Canada	6.56	3.38
United Kingdom	9.71	13.37
Europe	31.64	42.11
Africa	1.04	0.31
Middle East	1.62	0.60
Japan	18.14	19.12
Australia	4.62	3.88
Asia	24.08	13.33
Not Classified	0.00	-

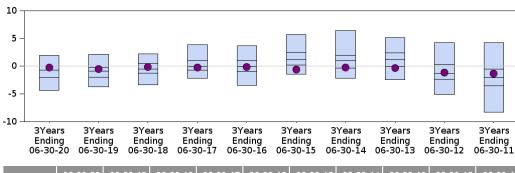


Statistics Relative to FTSE Global All Cap ex US TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	-0.26	-0.79
Beta	0.99	0.95
Sharpe Ratio	0.16	0.12
Information Ratio	-0.16	-0.26
RSquared	98.59	93.42
TrackingError	1.78	3.88

Vanguard Total Intl Stock Index Admiral



Alpha Relative to FTSE Global All Cap ex US TR USD for 12 Quarter Rolling Periods

06-30-19 06-30-17 06-30-15 06-30-11 06-30-20 06-30-18 06-30-14 -0.16-0.26-0.35-1.31 A Rank % 34 40 42 59 57 87 74 47 39

■ FTSE Global All Cap ex US TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan American Funds Europacific Growth R6

Ticker: RERGX

Peer Group/Category: Morningstar Foreign Large Blend

Benchmark: MSCI EAFE NR USD Fund Inception Date: 04-16-1984

Fund Manager: Carl Kawaja Manager Tenure: 19.00 Years Website: www.americanfunds.com Total Fund Assets: \$153.58 bn Net Expense Ratio: 0.46 Fund Family: American Funds

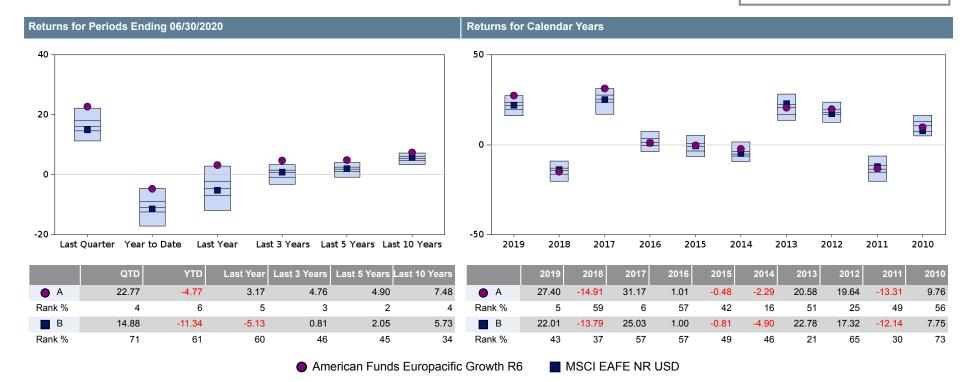
Net Expense Ratio

AvgPeer

RERGX

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Last Quarter Year to Date 5 Year 10 Year Since Inception 1 Year 3 Year 22.77 -4.77 3.17 4.76 4.90 7.48 10.42 Fund 14.88 -11.34 -5.13 0.81 2.05 5.73 Benchmark 16.24 -10.92 -4.65 0.31 1.80 5.36 Peers #Funds 788 785 762 651 522 369 2 6 5 3 Rank% 4





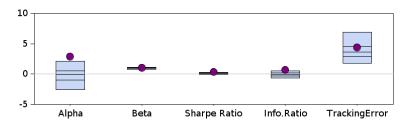
Lansing Board of Water & Light 457(b) Deferred Compensation Plan American Funds Europacific Growth R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	39,603.65	30,232.54
Price/Earning Ratio	17.72	15.39
Number of Holdings	334.00	495.00

International Exposure (%)	Fund	Peer Group
United States	1.02	2.74
Latin America	5.29	1.15
Canada	3.21	3.38
United Kingdom	8.17	13.37
Europe	34.50	42.11
Africa	0.34	0.31
Middle East	0.68	0.60
Japan	16.40	19.12
Australia	0.91	3.88
Asia	29.49	13.33
Not Classified	0.00	-

Returns for 12 Quarter Rolling Periods 20 10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-12 06-30-14 06-30-13 06-30-20 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-11 A 4.76 10.84 6.51 3.72 3.76 12.71 7.40 9.44 7.50 1.93 Rank % 5 12 11 17 23 43 57 31 15 3 В 0.81 9.11 4.90 1.15 2.06 11.97 8.10 10.04 5.96 -1.77 Rank % 47 25 51 63 51 35 23 43 57 63

Statistics Relative to MSCI EAFE NR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	2.85	-0.16
Beta	1.01	0.99
Sharpe Ratio	0.31	0.12
Information Ratio	0.65	-0.06
RSquared	91.66	92.98
TrackingError	4.39	3.93

-5 -10 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-12 06-30-11 06-30-13

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	4.10	1.25	2.02	2.62	1.89	2.48	-0.21	0.10	1.71	3.42
Rank %	2	8	15	11	17	14	38	44	30	18

American Funds Europacific Growth R6

■ MSCI EAFE NR USD

Alpha Relative to MSCI EAFE NR USD for 12 Quarter Rolling Periods



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard International Growth Adm

Ticker: VWILX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Foreign Large Growth Benchmark: MSCI EAFE Growth NR USD

Last Quarter

33.01

16.95

21.42

499

6

Year to Date

12.37

-3.53

-1.60

497

1 Year

24.55

4.15

6.44

477

4

Fund Inception Date: 09-30-1981

Fund Manager: James Anderson Manager Tenure: 17.34 Years Website: www.vanguard.com

5 Year

11.90

5.52

5.58

344

5

3 Year

14.18

5.91

6.05

421

4

10 Year

11.27

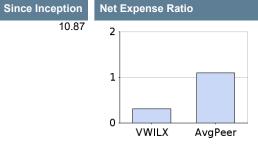
7.78

7.78

249

4

Total Fund Assets: \$46.87 bn Net Expense Ratio: 0.32 Fund Family: Vanguard



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

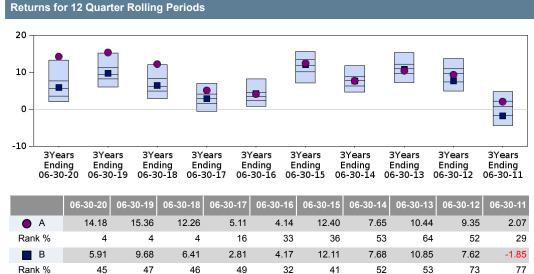
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 40 50 -20 2 0 -20 -50 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 33.01 12.37 24.55 14.18 11.90 11.27 A 31.48 -12.58 43.16 1.84 -0.54-5.51 23.12 20.18 -13.58 15.81 5 33 73 25 Rank % 6 5 4 4 Rank % 23 6 68 28 38 65 4 19 В 16.95 -3.53 4.15 5.91 5.52 В 4.09 -4.43 7.78 27.90 -12.83 28.86 -3.04 22.55 16.86 -12.11 12.25 Rank % 55 57 45 41 Rank % 53 38 57 59 35 76 47 64 65 21 Vanguard International Growth Adm MSCI EAFE Growth NR USD



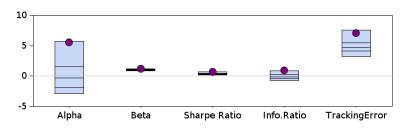
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard International Growth Adm

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	58,707.42	37,527.14
Price/Earning Ratio	20.47	23.11
Number of Holdings	130.00	107.00

International Exposure (%)	Fund	Peer Group
United States	10.57	5.57
Latin America	3.17	1.69
Canada	0.76	3.78
United Kingdom	6.18	11.20
Europe	40.40	42.60
Africa	0.00	0.37
Middle East	0.57	0.80
Japan	10.20	14.59
Australia	0.00	2.48
Asia	28.16	16.92
Not Classified	0.00	-

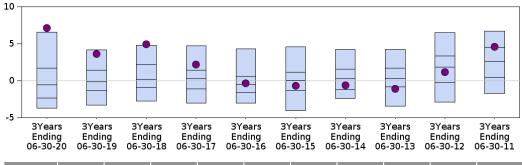


Statistics Relative to MSCI EAFE Growth NR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	5.52	0.09
Beta	1.19	1.02
Sharpe Ratio	0.66	0.38
Information Ratio	0.91	-0.04
RSquared	86.30	89.09
TrackingError	7.03	4.99

Alpha Relative to MSCI EAFE Growth NR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	7.10	3.59	4.94	2.18	-0.37	-0.69	-0.61	-1.08	1.18	4.58
Rank %	4	10	4	17	45	69	67	80	58	23

Vanguard International Growth Adm

[■] MSCI EAFE Growth NR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Nuveen Real Estate Securities I

Since Inception

10.51

Returns for Calendar Years

Ticker: FARCX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Real Estate Benchmark: DJ US Select REIT TR USD Fund Inception Date: 06-30-1995

Last Quarter

10.65

13.66

9.11

260

74

Fund Manager: Jay Rosenberg Manager Tenure: 15.08 Years Website: www.nuveen.com

3 Year

1.29

-1.99

0.60

225

51

5 Year

4.68

2.45

3.98

199

47

10 Year

9.42

8.27

8.86

140

42

50

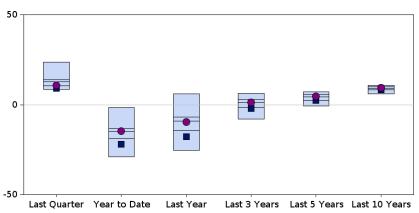
-50

Total Fund Assets: \$2.22 bn Net Expense Ratio: 1.06 Fund Family: Nuveen

Net E	Net Expense Ratio								
2									
1									
o									
	FARCX	,	AvgPeei	•					

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	No
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020



Year to Date

-14.83

-22.01

-16.19

258

48

1 Year

-17.71

-9.63

-9.81

253

53

	QTD	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	10.65	-14.83	-9.63	1.29	4.68	9.42
Rank %	74	48	53	51	47	42
В	9.11	-22.01	-17.71	-1.99	2.45	8.27
Rank %	90	85	88	82	74	72



Nuveen Real Estate Securities I

DJ US Select REIT TR USD

13

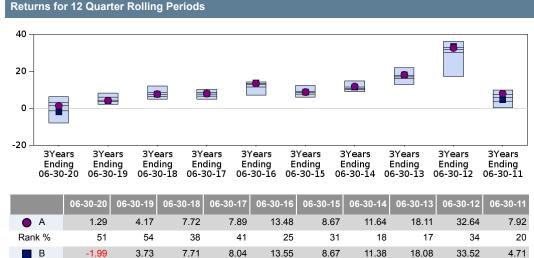
43



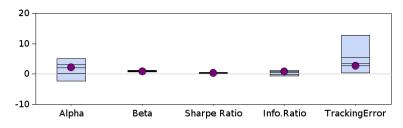
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Nuveen Real Estate Securities I

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	15,008.70	13,468.50
Price/Earning Ratio	31.09	26.79
Number of Holdings	81.00	82.00

Sector Weightings (%)	Fund	Peer Group
Technology	0.00	0.70
Communication Services	0.00	0.07
Consumer Cyclical	0.00	1.16
Consumer Defensive	0.00	0.01
Industrials	0.00	0.33
Basic Materials	0.00	0.09
Financial Services	0.00	0.32
Real Estate	100.00	96.96
Healthcare	0.00	0.16
Energy	0.00	0.02
Utilities	0.00	0.19



Statistics Relative to DJ US Select REIT TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	2.14	1.69
Beta	0.90	0.93
Sharpe Ratio	0.29	0.28
Information Ratio	0.80	0.40
RSquared	97.98	92.11
TrackingError	2.78	4.72

Alpha Relative to DJ US Select REIT TR USD for 12 Quarter Rolling Periods

39

37

23

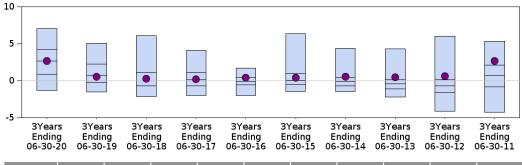
31

26

19

19

69



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
• A	2.65	0.51	0.26	0.17	0.38	0.38	0.56	0.44	0.61	2.66	
Rank %	53	57	45	49	27	39	23	14	14	22	

Nuveen Real Estate Securities I

Rank %

82

67

DJ US Select REIT TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan American Funds Capital World Gr&Inc R6

Ticker: RWIGX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar World Large Stock

Last Quarter

18.35

19.22

20.09

913

57

Year to Date

-5.70

-6.25

-5.23

903

45

1 Year

2.55

2.11

1.96

864

43

Benchmark: MSCI ACWI NR USD Fund Inception Date: 03-26-1993

Fund Manager: Sung Lee Manager Tenure: 14.34 Years Website: www.americanfunds.com

5 Year

6.31

6.46

6.01

630

41

American Funds Capital World Gr&Inc R6

3 Year

5.66

6.14

5.52

763

44

10 Year

9.59

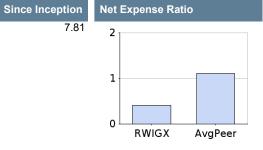
9.16

8.99

371

38

Total Fund Assets: \$93.26 bn Net Expense Ratio: 0.42 Fund Family: American Funds



MSCI ACWI NR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

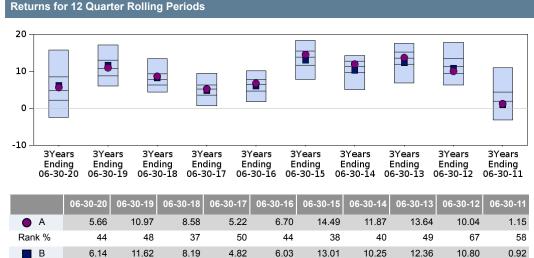
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 50 50 -• -50 -50 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year 2019 Last 5 Years Last 10 Years Last 3 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 18.35 -5.70 2.55 5.66 6.31 9.59 A 25.74 -9.97 25.08 6.85 -1.88 4.36 25.28 19.56 -7.238.10 57 45 43 88 Rank % 44 41 38 Rank % 54 60 36 42 60 39 55 19 55 В 19.22 -6.25 2.11 6.14 6.46 9.16 B 26.60 -9.41 23.97 7.86 -2.36 4.16 22.80 16.13 -7.35 12.67 Rank % 45 40 48 Rank % 48 53 46 31 43 68 43 57 54 67



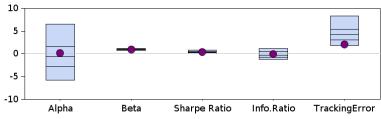
Lansing Board of Water & Light 457(b) Deferred Compensation Plan American Funds Capital World Gr&Inc R6

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	71,742.35	59,825.93
Price/Earning Ratio	16.90	19.37
Number of Holdings	333.00	182.00

International Exposure (%)	Fund	Peer Group
United States	48.33	55.00
Latin America	2.06	0.90
Canada	1.84	2.63
United Kingdom	8.30	6.41
Europe	20.26	18.34
Africa	0.36	0.23
Middle East	0.12	0.25
Japan	5.77	5.85
Australia	0.50	1.14
Asia	12.45	9.25
Not Classified	0.00	-



Statistics Relative to MSCI ACWI NR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.15	-0.25
Beta	0.94	0.98
Sharpe Ratio	0.43	0.42
Information Ratio	-0.07	-0.15
RSquared	98.20	90.69
TrackingError	2.07	4.66

Alpha Relative to MSCI ACWI NR USD for 12 Quarter Rolling Periods

45

60

58

61

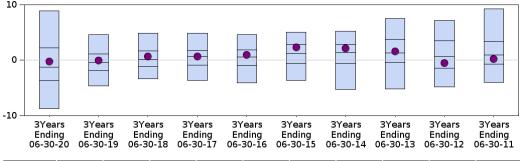
70

70

56

62

38



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	-0.23	-0.02	0.67	0.70	0.99	2.29	2.11	1.58	-0.53	0.21
Rank %	44	42	41	48	43	34	37	47	65	60

American Funds Capital World Gr&Inc R6

Rank %

40

MSCI ACWI NR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement Income Inv

Ticker: VTINX

Peer Group/Category: Morningstar Target-Date Retirement Benchmark: S&P Target Date Retirement Income TR USD Fund Inception Date: 10-27-2003

Manager Tenure: 7.33 Years Website: www.vanguard.com

Fund Manager: William Coleman

Total Fund Assets: \$16.88 bn Net Expense Ratio: 0.12 Fund Family: Vanguard

Expense Ratio

VTINX

AvgPeer

nception	Net
5.27	1

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

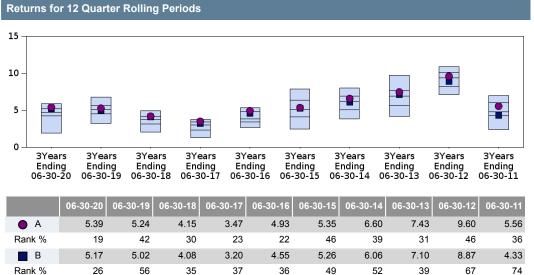
Last Quarter Year to Date 1 Year 5 Year 10 Year Since I 3 Year 7.84 5.69 5.39 4.93 5.84 Fund 1.46 8.18 0.95 5.17 4.70 5.54 Benchmark 5.40 8.01 0.23 4.08 4.52 4.20 5.06 Peers #Funds 184 184 180 156 133 96 59 35 22 19 20 23 Rank%

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 15 20 10 10 -5 0 -10 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last Year Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 7.84 1.46 5.69 5.39 4.93 5.84 A 13.16 -1.99 8.47 5.25 -0.17 5.54 5.87 8.23 5.25 9.39 35 22 19 Rank % 59 20 23 Rank % 47 26 53 42 17 21 56 68 11 54 ■ B 8.18 0.95 5.40 5.17 4.70 В 5.54 13.33 -2.548.54 5.01 -0.18 4.86 6.28 7.51 3.98 9.09 Rank % 52 46 27 37 Rank % 41 35 48 58 18 34 71 20 63 51 Vanguard Target Retirement Income Inv ■ S&P Target Date Retirement Income TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement Income Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,489.53	45,154.61
Price/Earning Ratio	18.29	17.32
Number of Holdings	6.00	20.00



Alpha Relative to S&P Target Date Retirement Income TR USD for 12 Quarter Rolling Periods

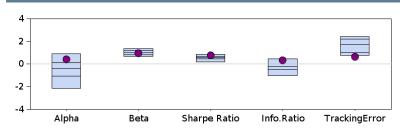
3Years

Ending

06-30-16

06-30-17

Statistics Relative to S&P Target Date Retirement Income TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.41	-0.59
Beta	0.94	1.04
Sharpe Ratio	0.76	0.57
Information Ratio	0.35	-0.23
RSquared	98.60	93.28
TrackingError	0.66	1.72

06-30-20 A 0.45 Rank %

3Years

3Years

Ending

06-30-19

3Years

Ending

06-30-18

06-30-19

0.46 0.09 0.23 0.45 0.73 0.75 1.46 1.44 29 10 29 16 27

06-30-16

3Years

Ending

06-30-**1**5

06-30-15

3Years

Ending

06-30-14

06-30-14

3Years

Ending

06-30-**1**3

3Years

Ending

06-30-12

3Years

Ending

06-30-11

06-30-Ĭ1

Vanguard Target Retirement Income Inv

■ S&P Target Date Retirement Income TR USD

3Years

Ending

06-30-Ĭ7

06-30-18



Lansing Board of Water & Light 457(b) Deferred Compensation Plan VT Retirement IncomeAdvantage

Since Inception

Ticker:

Fund

#Funds

Rank%

Benchmark Peers

Peer Group/Category: Morningstar Target-Date Retirement Benchmark: S&P Target Date Retirement Income TR USD Fund Inception Date: -

Last Quarter

8.18

8.01

184

Fund Manager: NA Manager Tenure: -Website: -

5 Year

5.09

4.70

4.20

133

8

10 Year

6.69

5.54

5.06

96

3

3 Year

5.37

5.17

4.52

156

21

Total Fund Assets: -Net Expense Ratio: 1.59 Fund Family: VantageTrust

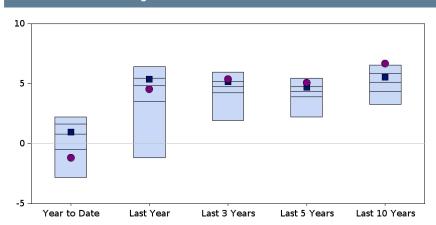
Net	Ex	pense F	Ratio		
2					
1 -					
0		Fund	-	AvgPeei	r

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	No
Prod Hist	NE
Manager Tenure	NE
AUM	NE
Alpha 5Yr	NE

Returns for Periods Ending 06/30/2020

Returns for Calendar Years

Insufficient data to display graph



Year to Date

-1.19

0.95

0.23

184

1 Year

4.56

5.40

4.08

180

60

	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	-1.19	4.56	5.37	5.09	6.69
Rank %	84	60	21	8	3
В	0.95	5.40	5.17	4.70	5.54
Rank %	46	30	27	30	37

VT Retirement IncomeAdvantage

S&P Target Date Retirement Income TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan VT Retirement IncomeAdvantage

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	-	45,154.61
Price/Earning Ratio	-	17.32
Number of Holdings	-	20.00

Returns for 12 Quarter Rolling Periods

Insufficient data to display graph

Statistics Relative to S&P Target Date Retirement Income TR USD for 5 Years

Alpha Relative to S&P Target Date Retirement Income TR USD for 12 Quarter Rolling Periods

Insufficient data to display graph

Insufficient data to display graph

Risk Measures 5 Yr	Fund	Peer Group
Alpha	-	-0.59
Beta	-	1.04
Sharpe Ratio	-	0.57
Information Ratio	-	-0.23
RSquared	-	93.28
TrackingError	-	1.72

VT Retirement IncomeAdvantage

S&P Target Date Retirement Income TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2015 Inv

Since Inception

Ticker: VTXVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2015 Benchmark: S&P Target Date 2015 TR USD

Last Quarter

8.90

9.77

10.15

126

76

Year to Date

0.79

-0.29

-0.17

126

23

1 Year

5.45

4.73

4.65

123

27

Fund Inception Date: 10-27-2003

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

5.78

5.35

5.42

98

26

5 Year

5.47

5.30

5.12

72

29

10 Year

7.55

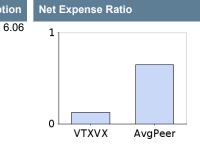
7.10

7.10

48

35

Total Fund Assets: \$14.92 bn Net Expense Ratio: 0.13 Fund Family: Vanguard



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 15 20 -9 10 10 5 0 -10 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year 2019 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 8.90 0.79 5.45 5.78 5.47 7.55 A 14.81 -2.97 11.50 6.16 -0.46 6.56 13.00 11.37 1.71 12.47 23 27 26 7 Rank % 76 29 35 Rank % 75 15 50 73 36 39 51 41 43 ■ B 9.77 -0.29 4.73 5.35 5.30 В 7.10 15.40 -3.67 11.39 6.56 -0.16 5.49 12.16 10.32 1.53 11.85 Rank % 55 46 61 Rank % 49 45 57 24 45 63 86 43 64 51 Vanguard Target Retirement 2015 Inv S&P Target Date 2015 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2015 Inv

6.54

63

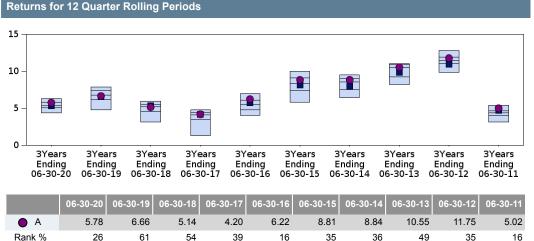
51

5.33

36

Alpha Relative to S&P Target Date 2015 TR USD for 12 Quarter Rolling Periods

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,509.77	47,074.73
Price/Earning Ratio	18.29	17.11
Number of Holdings	6.00	26.00



5.73

45

41

8.17

60

8.04

59

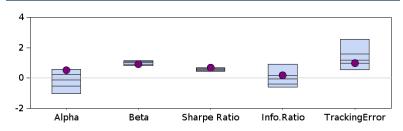
9.89

71

10.95

80

Statistics Relative to S&P Target Date 2015 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.53	-0.16
Beta	0.90	1.00
Sharpe Ratio	0.69	0.58
Information Ratio	0.18	-0.07
RSquared	98.67	96.94
TrackingError	0.98	1.32

-2 3Years Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-15 06-30-14 06-30-12 06-30-11 06-30-13

		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
ĺ	A	0.80	0.65	-0.06	0.07	0.51	0.51	0.78	0.58	0.66	0.04
	Rank %	21	34	20	19	15	20	20	21	33	18

Vanguard Target Retirement 2015 Inv

S&P Target Date 2015 TR USD

В

Rank %

4.74

21



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2020 Inv

Since Inception

Ticker: VTWNX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2020 Benchmark: S&P Target Date 2020 TR USD

Last Quarter

11.40

10.65

10.22

227

33

Year to Date

-0.58

-1.03

-0.81

227

44

1 Year

5.09

4.33

4.07

223

23

Fund Inception Date: 06-07-2006

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.09

5.45

5.26

195

17

5 Year

5.96

5.56

5.03

149

10

10 Year

8.31

7.76

7.14

95

14

Total Fund Assets: \$31.16 bn Net Expense Ratio: 0.13 Fund Family: Vanguard



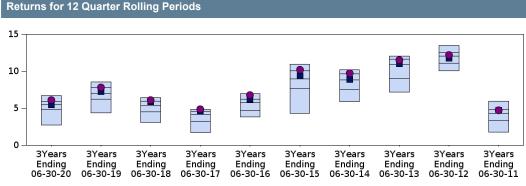
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 20 10 10 0 0 0 -10 -10 Last Quarter Year to Date Last 3 Years Last 5 Years Last 10 Years 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year 2019 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 11.40 -0.58 5.09 6.09 5.96 8.31 A 17.63 -4.24 14.08 6.95 -0.68 7.11 15.85 12.35 0.60 13.12 33 23 17 Rank % 44 10 Rank % 29 48 16 39 48 3 31 42 40 49 14 В 10.65 -1.03 4.33 5.45 В 12.93 5.56 7.76 16.52 -4.16 12.80 7.22 -0.19 5.67 14.76 11.48 0.58 Rank % 57 51 36 Rank % 50 42 46 25 25 43 40 62 41 55 Vanguard Target Retirement 2020 Inv S&P Target Date 2020 TR USD



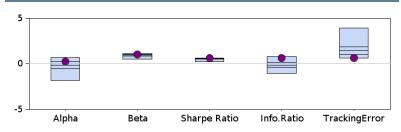
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2020 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,537.39	47,337.07
Price/Earning Ratio	18.30	17.32
Number of Holdings	6.00	23.00



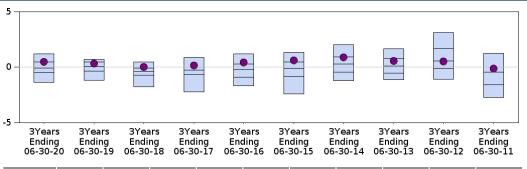
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	6.09	7.81	6.08	4.85	6.76	10.19	9.73	11.49	12.17	4.71
Rank %	17	26	17	11	10	22	19	33	37	37
В	5.45	7.28	5.91	4.58	6.19	9.39	8.88	11.05	11.75	4.72
Rank %	50	41	26	24	28	41	47	46	64	37

Statistics Relative to S&P Target Date 2020 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.26	-0.27
Beta	1.03	0.94
Sharpe Ratio	0.61	0.55
Information Ratio	0.64	-0.17
RSquared	99.49	95.19
TrackingError	0.63	1.72

Alpha Relative to S&P Target Date 2020 TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	0.50	0.32	0.01	0.16	0.44	0.64	0.91	0.58	0.54	-0.14	
Rank %	24	34	18	17	22	21	26	35	55	32	

Vanguard Target Retirement 2020 Inv

S&P Target Date 2020 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2025 Inv

Since Inception

6.60

Ticker: VTTVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2025 Benchmark: S&P Target Date 2025 TR USD

Last Quarter

13.20

12.25

12.01

234

28

Year to Date

-1.46

-2.27

-1.63

234

43

1 Year

4.82

3.66

3.95

229

24

Fund Inception Date: 10-27-2003

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.33

5.57

5.59

200

22

5 Year

6.29

5.82

5.46

159

14

10 Year

8.88

8.31

7.98

94 17 Total Fund Assets: \$44.52 bn Net Expense Ratio: 0.13 Fund Family: Vanguard

Net Expense Ratio VTTVX AvgPeer

S&P Target Date 2025 TR USD

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

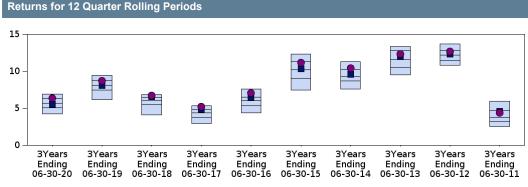
Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 30 20 10 0 10 . -10 -10 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2017 2016 2015 2014 2013 2012 2011 2010 2019 2018 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 13.20 -1.46 4.82 6.33 6.29 8.88 A 19.63 -5.15 15.94 7.48 -0.85 7.17 18.14 13.29 -0.37 13.84 28 43 24 22 Rank % 14 17 Rank % 23 45 19 31 41 5 32 46 33 40 ■ B 12.25 -2.27 3.66 5.57 5.82 В 13.82 8.31 18.38 -5.02 14.55 7.82 -0.25 5.56 17.03 12.51 -0.28Rank % 70 65 Rank % 59 39 59 18 48 42 67 32 46 20

Vanguard Target Retirement 2025 Inv



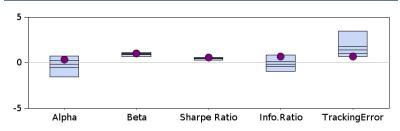
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2025 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,552.42	46,643.16
Price/Earning Ratio	18.30	17.44
Number of Holdings	5.00	24.00



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	6.33	8.69	6.68	5.18	7.04	11.18	10.42	12.34	12.67	4.35
Rank %	22	28	19	10	10	30	19	38	38	37
В	5.57	8.09	6.59	4.85	6.48	10.36	9.60	12.03	12.35	4.60
Rank %	56	49	22	27	24	48	41	42	45	27

Statistics Relative to S&P Target Date 2025 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.34	-0.23
Beta	1.03	0.98
Sharpe Ratio	0.57	0.53
Information Ratio	0.67	-0.13
RSquared	99.49	97.36
TrackingError	0.71	1.55

-2 3Years Ending Ending Ending Ending Ending Ending 06-30-15 Ending Ending Ending Ending 06-30-20 06-30-19 06-30-18 06-30-17 06-30-16 06-30-14 06-30-13 06-30-12 06-30-Ĭ1

Alpha Relative to S&P Target Date 2025 TR USD for 12 Quarter Rolling Periods

	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	0.64	0.40	-0.07	0.20	0.40	0.59	0.89	0.48	0.47	-0.34	
Rank %	27	37	17	8	15	18	17	24	41	37	

Vanguard Target Retirement 2025 Inv

S&P Target Date 2025 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2030 Inv

Since Inception

6.37

Ticker: VTHRX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2030 Benchmark: S&P Target Date 2030 TR USD

Last Quarter

14.58

13.94

13.72

245

37

Year to Date

-2.33

-3.58

-2.51

245

40

1 Year

4.40

2.92

3.59

238

30

Fund Inception Date: 06-07-2006

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.42

5.62

5.78

209

26

5 Year

6.47

6.02

5.79

164

22

10 Year

9.37

8.78

8.35

103

21

Total Fund Assets: \$40.19 bn Net Expense Ratio: 0.14 Fund Family: Vanguard

Net E	xpense Ra	tio
1		
0		
0 —	VTHRX	AvgPeer

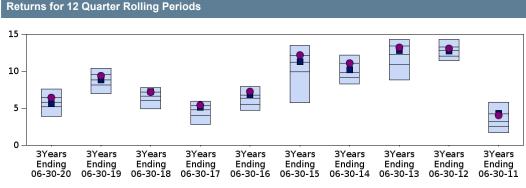
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 40 10 20 -0 0 -10 -20 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Year Last 3 Years Last 5 Years Last 10 Years QTD YTD 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 14.58 -2.334.40 6.42 6.47 9.37 A 21.07 -5.86 17.52 7.85 -1.03 7.17 20.49 14.24 -1.2714.43 37 40 30 26 22 37 42 Rank % 21 Rank % 35 39 32 45 11 29 40 39 ■ B 13.94 -3.58 2.92 5.62 6.02 В -0.30 14.52 8.78 20.38 -5.99 16.19 8.35 5.64 19.14 13.43 -1.17 Rank % 52 78 68 Rank % 56 43 67 21 22 50 46 62 36 38 Vanguard Target Retirement 2030 Inv S&P Target Date 2030 TR USD



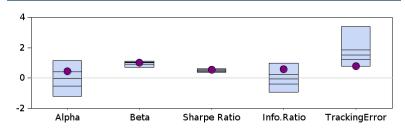
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2030 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,536.33	46,166.64
Price/Earning Ratio	18.30	17.32
Number of Holdings	5.00	23.00



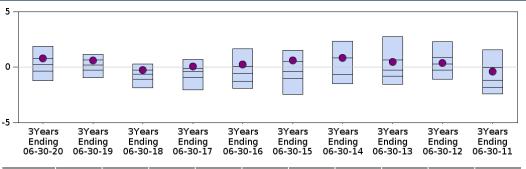
		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
	A	6.42	9.39	7.19	5.42	7.27	12.20	11.09	13.23	13.09	4.01
F	Rank %	26	36	27	16	11	23	22	33	36	32
	В	5.62	8.82	7.23	5.16	6.80	11.32	10.23	12.82	12.74	4.33
F	Rank %	59	52	23	36	25	47	40	39	53	24

Statistics Relative to S&P Target Date 2030 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.43	-0.10
Beta	1.00	0.98
Sharpe Ratio	0.54	0.50
Information Ratio	0.59	-0.06
RSquared	99.45	97.35
TrackingError	0.77	1.67

Alpha Relative to S&P Target Date 2030 TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	0.79	0.59	-0.24	0.09	0.26	0.60	0.85	0.48	0.37	-0.39	
Rank %	26	33	20	16	18	21	26	32	46	33	

Vanguard Target Retirement 2030 Inv



S&P Target Date 2030 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2035 Inv

Since Inception

7.10

Ticker: VTTHX

Fund

Benchmark

Peer Group/Category: Morningstar Target-Date 2035 Benchmark: S&P Target Date 2035 TR USD

Last Quarter

15.90

15.55

Year to Date

-3.24

-4.90

1 Year

3.94

2.12

Fund Inception Date: 10-27-2003

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.45

5.61

5 Year

6.62

6.17

10 Year

9.84

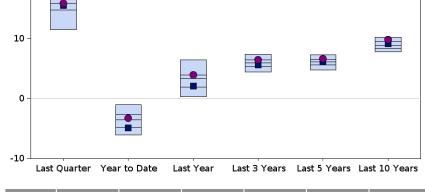
9.16

Total Fund Assets: \$38.30 bn Net Expense Ratio: 0.14 Fund Family: Vanguard

Net E	xpense Ra	atio	
1			
٥L			
	VTTHX	AvgPeer	

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

15.58 -3.58 3.18 5.93 6.03 8.98 Peers #Funds 227 227 226 197 156 91 50 37 26 27 24 19 Rank% Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 40 10 20 -



	QTD	YTD	Last Year	Last 3 Years	Last 5 Years	Last 10 Years
A	15.90	-3.24	3.94	6.45	6.62	9.84
Rank %	50	37	26	27	24	19
■ B	15.55	-4.90	2.12	5.61	6.17	9.16
Rank %	59	78	75	65	46	42



2015

2014

2013

2012

2011

2017

2016

-20

2019

2018

2010

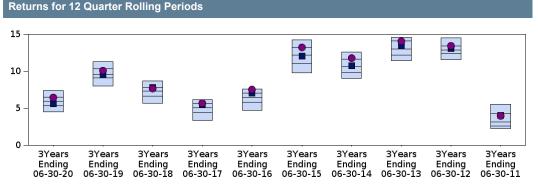
Vanguard Target Retirement 2035 Inv

S&P Target Date 2035 TR USD



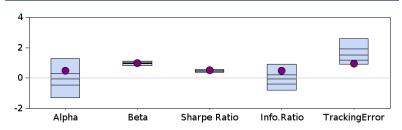
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2035 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,559.78	45,329.04
Price/Earning Ratio	18.30	17.50
Number of Holdings	5.00	23.00



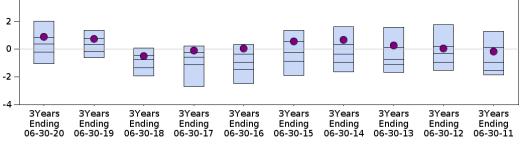
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	6.45	10.09	7.66	5.66	7.50	13.21	11.75	14.05	13.43	3.96
Rank %	27	38	32	24	9	27	21	27	26	32
В	5.61	9.50	7.83	5.47	7.07	12.08	10.77	13.44	13.05	4.05
Rank %	65	56	25	35	21	55	43	39	40	27

Statistics Relative to S&P Target Date 2035 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.48	-0.09
Beta	0.99	0.99
Sharpe Ratio	0.51	0.47
Information Ratio	0.48	-0.05
RSquared	99.36	98.30
TrackingError	0.94	1.63

Alpha Relative to S&P Target Date 2035 TR USD for 12 Quarter Rolling Periods



		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
ĺ	A	0.89	0.73	-0.49	-0.10	0.06	0.56	0.67	0.27	0.04	-0.16	
	Rank %	23	31	30	20	12	25	19	21	33	34	

Vanguard Target Retirement 2035 Inv

S&P Target Date 2035 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2040 Inv

Since Inception

6.70

Ticker: VFORX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2040 Benchmark: S&P Target Date 2040 TR USD

Last Quarter

17.29

16.66

16.73

239

46

Year to Date

-4.11

-5.78

-4.63

239

35

1 Year

3.46

1.56

2.41

238

26

Fund Inception Date: 06-07-2006

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.50

5.61

5.78

209

20

5 Year

6.76

6.28

6.06

164

21

10 Year

10.08

9.43

9.04

103

20

Total Fund Assets: \$30.38 bn Net Expense Ratio: 0.14 Fund Family: Vanguard

Net E	xpense R	atio
1		
٥L		
	VFORX	AvgPeer

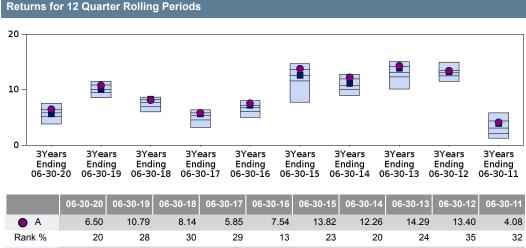
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 20 40 10 20 0 0 -10 -20 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 3 Years Last 5 Years Last 10 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 17.29 -4.11 3.46 6.50 6.76 10.08 A 23.86 -7.32 20.71 8.73 -1.59 7.15 24.37 15.56 -2.55 15.17 35 26 20 17 Rank % 46 21 20 Rank % 45 39 24 34 56 22 38 33 49 ■ B 16.66 -5.78 1.56 5.61 6.28 В -0.40 9.43 23.37 -7.41 18.87 9.23 5.69 22.10 14.69 -2.1715.38 Rank % 74 69 Rank % 60 41 72 18 57 52 62 26 37 21 Vanguard Target Retirement 2040 Inv S&P Target Date 2040 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2040 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,723.02	45,256.06
Price/Earning Ratio	18.32	17.40
Number of Holdings	5.00	21.00



7.25

23

12.64

50

28

11.18

41

13.88

32

13.22

44

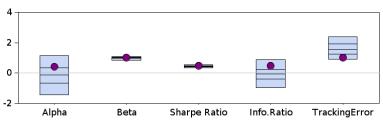
33

33

3.91

34

Statistics Relative to S&P Target Date 2040 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.42	-0.16
Beta	1.01	0.99
Sharpe Ratio	0.49	0.45
Information Ratio	0.46	-0.09
RSquared	99.34	97.78
TrackingError	1.03	1.75

-2 3Years Ending Ending Ending Ending Ending 06-30-15 Ending Ending Ending Ending 06-30-19 06-30-18 06-30-Ĭ7 06-30-Ì6 06-30-14 06-30-13 06-30-12 06-30-Ĭ1 06-30-20 06-30-19 06-30-17 06-30-15 06-30-11 06-30-20 06-30-18 06-30-14 0.88 0.73 -0.660.42 0.86 0.36 0.15 0.15 A

28

Vanguard Target Retirement 2040 Inv

■ S&P Target Date 2040 TR USD

43

22

В

Rank %

Rank %

5.61

59

10.00

54

8.26

23

Alpha Relative to S&P Target Date 2040 TR USD for 12 Quarter Rolling Periods

5.66

39



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2045 Inv

Since Inception

7.01

Ticker: VTIVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2045 Benchmark: S&P Target Date 2045 TR USD

Last Quarter

18.70

17.29

17.83

227

36

Year to Date

-4.90

-6.35

-5.30

227

38

1 Year

2.97

1.20

2.10

226

38

Fund Inception Date: 10-27-2003

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.41

5.56

5.82

197

25

5 Year

6.79

6.34

6.16

156

22

10 Year

10.10

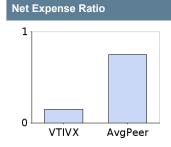
9.61

9.32

90

19

Total Fund Assets: \$28.08 bn Net Expense Ratio: 0.15 Fund Family: Vanguard



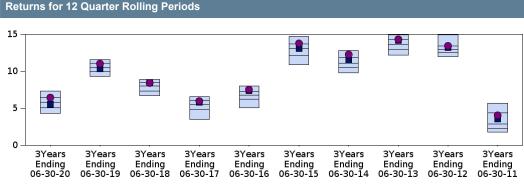
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 30 40 20 20 10 0 0 -10 -20 Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last Quarter Year to Date Last Year Last 5 Years Last 10 Years Last 3 Years QTD YTD Last Year 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 A 18.70 -4.90 2.97 6.41 6.79 10.10 A 24.94 -7.90 21.42 8.87 -1.57 7.16 24.37 15.58 -2.51 15.19 36 38 38 25 22 Rank % 19 Rank % 43 43 25 35 53 13 28 46 19 48 ■ B 17.29 -6.35 1.20 5.56 6.34 В 9.61 24.02 -7.74 19.56 9.54 -0.46 5.67 23.14 15.15 -2.56 15.62 Rank % 76 69 68 26 Rank % 68 37 78 57 52 62 21 31 16 19 Vanguard Target Retirement 2045 Inv S&P Target Date 2045 TR USD



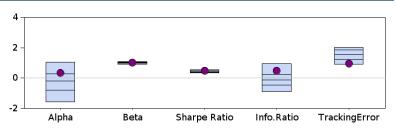
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2045 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,713.79	44,950.40
Price/Earning Ratio	18.32	17.49
Number of Holdings	5.00	21.00



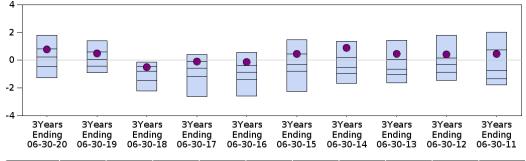
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
• A	6.41	11.05	8.40	5.98	7.50	13.80	12.27	14.32	13.43	4.03
Rank %	25	31	33	27	14	22	17	26	29	31
В	5.56	10.32	8.52	5.81	7.38	13.09	11.50	14.16	13.25	3.59
Rank %	60	59	24	36	20	53	35	29	35	35

Statistics Relative to S&P Target Date 2045 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.33	-0.22
Beta	1.03	1.02
Sharpe Ratio	0.47	0.44
Information Ratio	0.47	-0.09
RSquared	99.54	98.66
TrackingError	0.96	1.58

Alpha Relative to S&P Target Date 2045 TR USD for 12 Quarter Rolling Periods



	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
A	0.77	0.49	-0.51	-0.10	-0.14	0.46	0.89	0.47	0.41	0.44	
Rank %	28	32	31	23	17	25	17	19	18	31	

Vanguard Target Retirement 2045 Inv

S&P Target Date 2045 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2050 Inv

Since Inception

6.71

Ticker: VFIFX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2050 Benchmark: S&P Target Date 2050 TR USD

Last Quarter

18.67

17.61

18.08

239

50

Year to Date

-4.90

-6.57

-5.62

239

34

1 Year

3.02

1.05

1.78

238

34

Fund Inception Date: 06-07-2006

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.42

5.57

5.70

209

23

5 Year

6.79

6.42

6.13

164

21

10 Year

10.10

9.75

9.21

83

24

Total Fund Assets: \$21.24 bn Net Expense Ratio: 0.15 Fund Family: Vanguard

Net E	xpense R	atio
1		
0 └	VFIFX	AvgPeer
	* 1 11 X	Avgicei

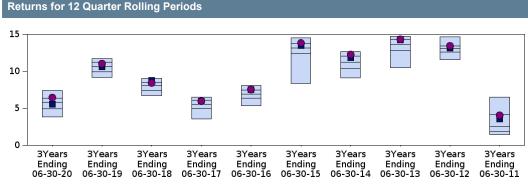
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 30 40 20 20 -10 0 • -10 -20 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years Last 10 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 Last 5 Years Last 10 Years Last Year Last 3 Years QTD YTD 2019 2018 2017 2016 2015 2013 2012 2011 2010 A 18.67 -4.90 3.02 6.42 6.79 10.10 A 24.98 -7.90 21.39 8.85 -1.58 7.18 24.34 15.58 -2.54 15.20 50 34 34 23 Rank % 21 24 Rank % 47 39 36 38 57 18 33 47 18 49 ■ B 17.61 -6.57 1.05 5.57 6.42 В -7.94 9.75 24.35 20.18 9.74 -0.47 5.69 24.13 15.49 -2.87 15.62 Rank % 68 63 31 Rank % 68 40 69 17 21 62 34 52 22 36 Vanguard Target Retirement 2050 Inv S&P Target Date 2050 TR USD



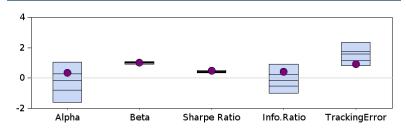
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2050 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,665.68	45,349.48
Price/Earning Ratio	18.31	17.38
Number of Holdings	5.00	20.00



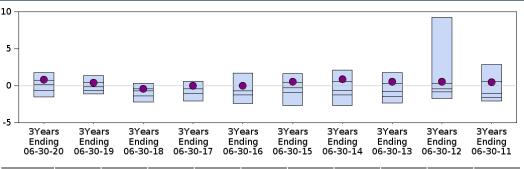
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11
A	6.42	11.03	8.40	5.99	7.52	13.81	12.26	14.30	13.40	4.04
Rank %	23	35	37	31	22	24	18	25	33	28
В	5.57	10.61	8.75	5.96	7.54	13.52	11.83	14.23	13.16	3.58
Rank %	56	48	12	34	18	33	28	27	44	36

Statistics Relative to S&P Target Date 2050 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.35	-0.26
Beta	1.00	1.00
Sharpe Ratio	0.47	0.43
Information Ratio	0.40	-0.14
RSquared	99.53	98.00
TrackingError	0.92	1.69

Alpha Relative to S&P Target Date 2050 TR USD for 12 Quarter Rolling Periods



1		06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14	06-30-13	06-30-12	06-30-11	
	A	0.82	0.41	-0.44	-0.03	-0.01	0.56	0.85	0.54	0.55	0.46	
	Rank %	24	29	37	26	26	23	20	22	21	28	

Vanguard Target Retirement 2050 Inv

S&P Target Date 2050 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2055 Inv

Since Inception

9.97

Ticker: VFFVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2055 Benchmark: S&P Target Date 2055 TR USD

Last Quarter

18.64

17.76

18.42

227

54

Year to Date

-4.95

-6.78

-5.76

227

33

1 Year

2.95

0.89

1.80

226

33

Fund Inception Date: 08-18-2010

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

3 Year

6.40

5.54

5.77

195

26

5 Year

6.77

6.45

6.19

153

24

10 Year

9.87

9.37

36

Total Fund Assets: \$11.73 bn Net Expense Ratio: 0.15 Fund Family: Vanguard

Net Expense Ratio VFFVX AvgPeer

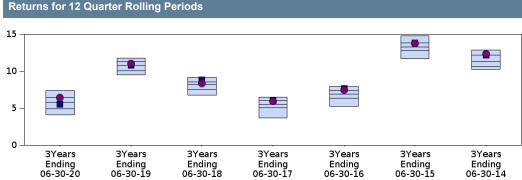
Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes

Returns for Periods Ending 06/30/2020 **Returns for Calendar Years** 30 40 20 20 10 -0 --10 -20 Last Year Last 3 Years Last 5 Years 2019 2018 2017 2016 2015 2014 2013 2012 2011 Last Quarter Year to Date Last Year Last 3 Years Last 5 Years 2016 2015 2012 YTD 2019 2018 2017 2013 2011 A 18.64 -4.952.95 6.40 6.77 A 24.98 -7.89 21.38 8.88 -1.727.19 24.33 15.58 -2.27 54 33 33 26 52 55 Rank % 24 Rank % 38 46 34 56 14 31 1 ■ B 17.76 -6.78 0.89 5.54 24.48 -7.97 20.48 9.94 -0.54 5.64 24.96 6.45 B 15.81 -2.87 Rank % 80 71 42 Rank % 71 42 70 23 55 24 38 7 Vanguard Target Retirement 2055 Inv S&P Target Date 2055 TR USD



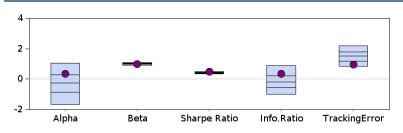
Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2055 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,611.29	44,708.63
Price/Earning Ratio	18.31	17.46
Number of Holdings	5.00	20.00



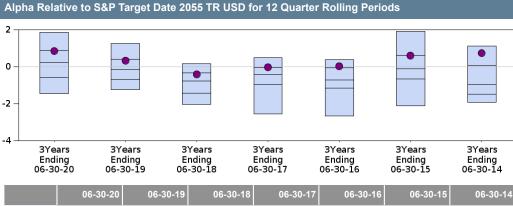
	06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15	06-30-14
A	6.40	11.04	8.37	5.93	7.47	13.79	12.35
Rank %	26	41	41	33	18	28	20
В	5.54	10.80	8.86	6.03	7.64	13.85	12.19
Rank %	60	52	9	28	12	23	26

Statistics Relative to S&P Target Date 2055 TR USD for 5 Years



Risk Measures 5 Yr	Fund	Peer Group
Alpha	0.35	-0.27
Beta	0.99	1.01
Sharpe Ratio	0.47	0.43
Information Ratio	0.33	-0.16
RSquared	99.52	98.73
TrackingError	0.94	1.56

Vanguard Target Retirement 2055 Inv



A 0.32 0.03 0.85 -0.42-0.030.61 0.73 26 Rank % 26 34 34 21 18

■ S&P Target Date 2055 TR USD



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2060 Inv

Ticker: VTTSX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2060+ Benchmark: S&P Target Date 2055 TR USD

Last Quarter

18.61

17.76

18.53

298

62

Year to Date

-4.95

-6.78

-6.11

278

25

1 Year

2.95

0.89

1.61

254

30

Fund Inception Date: 01-19-2012

Fund Manager: William Coleman Manager Tenure: 7.33 Years Website: www.vanguard.com

5 Year

6.76

6.45

6.41

63

44

3 Year

6.39

5.54

5.83

165

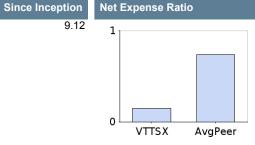
30

10 Year

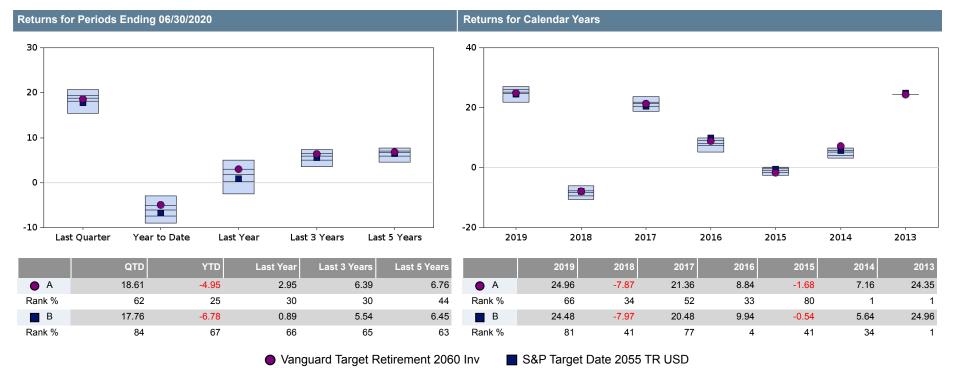
9.87

0

Total Fund Assets: \$5.42 bn Net Expense Ratio: 0.15 Fund Family: Vanguard



Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	Yes
Expense Ratio	Yes
Prod Hist	Yes
Manager Tenure	Yes
AUM	Yes
Alpha 5Yr	Yes





Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2060 Inv

Portfolio Analysis	Fund	Peer Group	Returns for 12	Quarter Rolling P	eriods				
Geo Avg Market Cap \$MM Price/Earning Ratio Number of Holdings	48,583.29 18.30 5.00	43,895.41 17.39 19.00	15 - 5 -				•		-•-
			3Years Ending 06-30-20	3Years Ending 06-30-19	3Years Ending 06-30-18	Ei	Years nding -30-17	3Years Ending 06-30-16	3Years Ending 06-30-15
				06-30-20	06-30-19	06-30-18	06-30-17	06-30-16	06-30-15
			• A	6.39	11.03	8.37	5.92	7.47	13.81
			Rank %	29	48	64	48	1	1
			В	5.54	10.80	8.86	6.03	7.64	13.85
			Rank %	64	60	21	33	1	1
Statistics Relative to S&P Target Date	e 2055 TR USD for 5 Yea	rs		to S&P Target Da	te 2055 TR USD	for 12 Qua	rter Rolling P	Periods	
0			0		•		•	•	-
Alpha Beta Sha	rpe Ratio Info.Ratio	TrackingError	-2						
Risk Measures 5 Yr	Fund	Peer Group	3Years Ending 06-30-20	3Years Ending 06-30-19	3Years Ending 06-30-18	Er	Years nding -30-17	3Years Ending 06-30-16	3Years Ending 06-30-15
Alpha	0.35	-0.06		06-30-20	06-30-19	00 00 40	00 00 47	00 00 40	06-30-15
Beta Charra Datia	0.99	1.01				06-30-18	06-30-17	06-30-16	
Sharpe Ratio Information Ratio	0.47 0.33	0.43 0.04	A	0.84	0.30	-0.43	-0.04	0.03	0.62
RSquared TrackingError	99.51 0.95	99.02 1.44	Rank %	30	41	53	48	1	1

S&P Target Date 2055 TR USD

Vanguard Target Retirement 2060 Inv



Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2065 Inv

Since Inception

5.74

Ticker: VLXVX

Fund

Peers #Funds

Rank%

Benchmark

Peer Group/Category: Morningstar Target-Date 2060+ Benchmark: S&P Target Date 2055 TR USD

Last Quarter

18.59

17.76

18.53

298

64

Year to Date

-5.03

-6.78

-6.11

278

26

1 Year

2.84

0.89

1.61

254

34

Fund Inception Date: 07-12-2017

Fund Manager: William Coleman Manager Tenure: 2.92 Years Website: www.vanguard.com

6.45

6.41

63

10 Year

9.87

0

3 Year | 5 Year

5.54

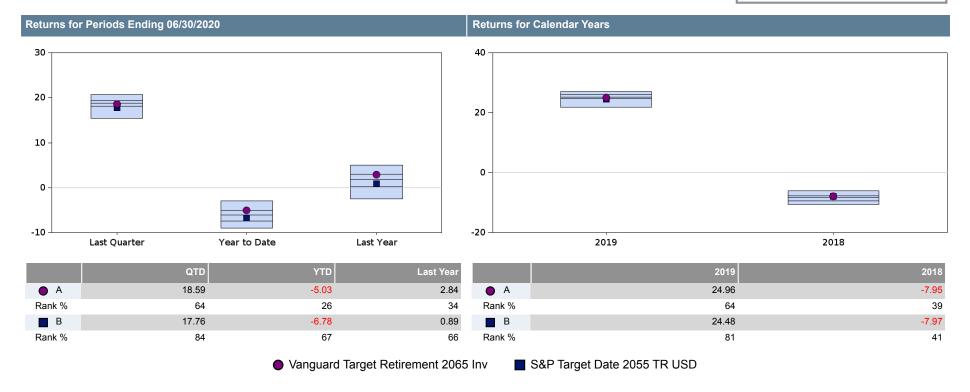
5.83

165

Total Fund Assets: \$722.32 MM Net Expense Ratio: 0.15 Fund Family: Vanguard

Net E	xpense Ra	tio
1		
0 —	VLXVX	AvgPeer

Criteria	Pass Criteria
Return 1Yr	Yes
Return 5Yr	NE
Expense Ratio	Yes
Prod Hist	No
Manager Tenure	No
AUM	Yes
Alpha 5Yr	NE





Lansing Board of Water & Light 457(b) Deferred Compensation Plan Vanguard Target Retirement 2065 Inv

Portfolio Analysis	Fund	Peer Group
Geo Avg Market Cap \$MM	48,835.35	43,895.41
Price/Earning Ratio	18.33	17.39
Number of Holdings	5.00	19.00

Returns for 12 Quarter Rolling Periods

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Statistics Relative to S&P Target Date 2055 TR USD for 5 Years

Alpha Relative to S&P Target Date 2055 TR USD for 12 Quarter Rolling Periods

Insufficient data to display graph

Insufficient data to display graph

Risk Measures 5 Yr	Fund	Peer Group
Alpha	-	-0.06
Beta	-	1.01
Sharpe Ratio	-	0.43
Information Ratio	-	0.04
RSquared	-	99.02
TrackingError	-	1.44

Vanguard Target Retirement 2065 Inv

S&P Target Date 2055 TR USD

Consolidated Disclosures & Definitions

Disclaimer

The information in this report is general information only and is not intended to constitute specific legal, accounting, financial or tax advice. It is provided to assist in evaluating investments relating to your retirement plan and the general investment conditions of the marketplace, but it is not intended as the sole source upon which a determination is made.

Important Disclosure Information: This report has been prepared with data believed reliable, but no representation is made as to the data's accuracy or completion. Past performance does not guarantee future results. Current performance may be lower or higher than the past performance quoted. The investment return and principal value will fluctuate and shares when sold may be worth more or less than the original cost.

RISKS:

Investing in mutual funds, which are intended as long-term investments, involves risk, including the possible loss of principal. It is important to understand that certain types of securities and/or investment strategies employed by mutual funds may expose an investor to additional inherent risks. Investments in foreign securities are subject to special additional risks, including currency risk, political risk, and risk associated with varying accounting standards. Funds invested in emerging markets may accentuate these risks. Sector funds (those funds that invest exclusively in one sector or industry), such as technology or real estate stocks, are subject to substantial volatility due to adverse political, economic, or other developments and may carry additional risk resulting from lack of industry diversification. Non-diversified funds, which invest more of their assets in a single issuer, may experience substantial volatility due to the increased concentration of investments. Funds that invest in small or midcapitalization companies may experience a greater degree of market volatility, and potential for business failure, than those of large-capitalization stocks and are riskier investments. Bond funds have the same interest rate, inflation, and credit risks as associated with the underlying bonds owned by the fund. Generally, the value of bond funds rises when prevailing interest rates fall and falls when interest rates rise. Funds that invest in lower-rated debt securities, commonly referred to as high yield or junk bonds, have additional risks and may be subject to greater market fluctuations and risk of loss of income and principal (relative to higher-rated securities), due to the lower credit quality of the securities and increased risk of default. Bear in mind that higher return potential is accompanied by higher risk.

Although diversification is not a guarantee against loss, it is an effective strategy to help you manage risk. There is no guarantee that a diversified portfolio will outperform a non-diversified portfolio. There are no assurances that your investment objectives will be achieved.

IMPORTANT DISCLOSURES:

You should consider the investment objectives, risks, and charges and expenses of the investment options carefully before investing. The prospectuses and other comparable documents contain this and other information about the investment options. They may be obtained by calling your record keeper. You should read the prospectuses and/or other comparable documents carefully before investing.

The performance data contained herein represents past performance, which does not guarantee future results. Investment returns and principal value will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or high than the performance data quoted. Please refer to the website listed for each fund to obtain performance data current to the most recent month-end. All total returns for the funds listed assume the reinvestment of all dividends and capital gains distributions at net asset value when paid. Furthermore, the total returns do not reflect the deduction of any initial sales charges as these charges are not applicable to eligible retirement plans. Had these sales charges been deducted, results would have been lower than shown. In certain circumstances, a back-end sales charge may be assessed upon redemption of shares within a particular timeframe. Please refer to the prospectus and/or statement of additional information for specific details. Please note that there are other charges and expenses that apply to the investment options, such as management fees, which are reflected in their net investment return.

An investment in a money market fund is neither insured nor guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although a money market fund seeks to maintain the value of your investment at \$1.00 per share, it is possible to lose money by investing in a money market fund.

The stable value funds identified are collective trust funds and are not mutual funds; consequently, they are not registered with or regulated by the U.S. Securities and Exchange Commission. They are typically operated and offered by Banks and/or Trust Companies or their affiliates and are regulated by banking regulators. For a copy of the trust's "Summary Information Booklet," please call your record keeper.

The analysis was prepared solely to help in reviewing your plan. Accordingly, it may be incomplete or contain other departures from generally accepted accounting principles and should not be used to obtain credit or for any other purpose. We have not performed an audit, review, or compilation engagement in accordance with standards established by the American Institute of Certified Public Accountants

Performance shown for separate accounts prior to the first fully funded quarter, as reflected in the report, are composite performances of the separate account managers. Composite performance has been adjusted based on the management fee of each separate account currently in place within the portfolio.

EXPLANATION OF ABBREVIATED TERMS:

Cat = Category
Idx = Benchmark Index
Mstar Rating = Morningstar Rating
Tot Ret = Total Return
AnnIzd = Annualized
Exp Ratio = Expense Ratio

Std Dev = Standard Deviation AUM = Assets Under Management Ticker = Ticker Symbol Pref = Preferred Stocks Conv = Convertible Bonds Mgr = Manager

Morningstar Category Classification Definitions:

U.S. Stock:

Large Value, LCV

Large-value portfolios invest primarily in large U.S. companies that are less expensive or growing more slowly than other large-cap stocks with a market cap greater than \$10 billion. Value is defined as low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Large Blend, LCB

Large-blend portfolios are fairly representative of the overall U.S. stock market in size, growth rates, and price with a market cap greater than \$10 billion. The blend style is assigned to portfolios where neither growth nor value characteristics predominate.

Large Growth, LCG

Large-growth portfolios invest in big U.S. companies that are projected to grow faster than other large-cap stocks with a market cap greater than \$10 billion. Growth is defined as fast growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

Mid-Cap Value, MCV

The U.S. mid-cap range for market cap typically falls between \$2 - \$10 billion. Value is defined as low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Mid-Cap Blend, MCB

The U.S. mid-cap range for market cap typically falls between \$2 - \$10 billion. The blend style is assigned to portfolios where neither growth nor value characteristics predominate.

Mid-Cap Growth, MCG

The U.S. mid-cap range for market cap typically falls between \$2 - \$10 billion. Growth is defined as fast growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

Small Value, SCV

Small-value portfolios invest in small U.S. companies with valuations and growth rates below other small-cap peers with a market cap of less than \$2 billion. Value is defined as low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Small Blend, SCB

Small-blend portfolios invest in small U.S. companies with a market cap of less than \$2 billion. The blend style is assigned to portfolios where neither growth nor value characteristics predominate.

Small Growth, SCG

Small-growth portfolios invest in small U.S. companies that focus on faster-growing companies with a market cap less than \$2 billion. Growth is defined based on fast

growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

Specialty-Communications, SC

Specialty-communications portfolios concentrate on telecommunications and media companies of various kinds.

Specialty-Energy, SE

Specialty-energy portfolios concentrate on stocks of energy companies. Most concentrate on companies that produce or refine oil and gas, oilfield service and equipment companies, and pipeline operators.

Specialty-Financial, SF

Specialty-financial portfolios seek capital appreciation by investing primarily in equity securities of financial-services companies, including banks, brokerage firms, insurance companies, and consumer credit providers.

Specialty-Health, SH

Specialty-health portfolios focus on the medical and health-care industries. Most invest in a range of companies, including pharmaceutical and medical-device makers to HMOs, hospitals, biotechnology and nursing homes.

Specialty-Natural Resources, SN

Specialty-natural resources portfolios focus on commodity-based industries such as energy, chemicals, minerals, and forest products.

Specialty-Precious Metals, SP

Specialty-precious metals portfolios focus on mining stocks, though some do own small amounts of gold bullion. Most portfolios concentrate on gold-mining stocks, but some have significant exposure to silver-, platinum-, and base-metal-mining stocks as well.

Specialty-Real Estate, SR

Specialty-real estate portfolios invest primarily in real-estate investment trusts (REITs) of various types. REITs are companies that develop and manage real-estate properties.

Specialty-Technology, ST

Specialty-technology portfolios focus on high-tech businesses such as computer, semiconductor, software, networking, and Internet stocks.

Specialty-Utilities, SU

Specialty-utilities portfolios seek capital appreciation by investing primarily in equity securities of public utilities including electric, gas, and telephone-service providers.

Balanced:

Convertibles, CV

Convertible bond portfolios are designed to offer some of the capital-appreciation potential of stock portfolios while also supplying some of the safety and yield of bond portfolios. To do so, they focus on convertible bonds and convertible preferred stocks. Convertible bonds allow investors to convert the bonds into shares of stock.

Conservative Allocation, CA

Conservative-allocation portfolios seek to provide both capital appreciation and income by investing in three major areas: stocks, bonds, and cash. These portfolios tend to hold smaller positions in stocks than moderate-allocation portfolios.

Moderate Allocation, MA

Moderate-allocation portfolios seek to provide both capital appreciation and income by investing in three major areas: stocks, bonds, and cash. These portfolios tend to hold larger positions in stocks than conservative-allocation portfolios.

World Allocation, IH

World-allocation portfolios seek to provide both capital appreciation and income by investing in three major areas: stocks, bonds, and cash. While these portfolios do explore the whole world, most of them focus on the U.S., Canada, Japan, and the larger markets in Europe.

Target-Date Portfolios

Target-date portfolios provide a diversified exposure to stocks, bonds, and cash for those investors who have a specific date for retirement or another goal. These portfolios aim to provide investors with an optimal level of return and risk, based solely on the target date. Over time, management adjusts the allocation among asset classes to more conservative mixes as the target date approaches. Morningstar divides target-date funds into the following categories:

Retirement Income, Target-Date 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2050, 2055

International Stock:

Foreign Large Value, FV

Foreign large-value portfolios invest mainly in large international stocks that are less expensive or growing more slowly than other large-cap stocks. Most of these portfolios divide their assets among a dozen or more developed markets. These portfolios primarily invest in stocks that have a market cap greater than \$10 billion. Value is defined based on low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Foreign Large Blend, FB

Foreign large-blend portfolios invest in a variety of large international stocks. Most of these portfolios divide their assets among a dozen or more developed markets. These portfolios primarily invest in stocks that have a market cap greater than \$10 billion. The blend style is assigned to portfolios where neither growth nor value characteristics predominate.

Foreign Large Growth, FG

Foreign large-growth portfolios invest mainly in large international stocks that focus on high-priced growth stocks. Most of these portfolios divide their assets among a dozen or more developed markets. These portfolios primarily invest in stocks that have market cap greater than \$10 billion. Growth is defined based on fast growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

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Foreign Small/Mid Value, FA

Foreign small-/mid-value portfolios invest in international stocks that are smaller and less expensive than other stocks. These portfolios primarily invest in stocks that have a market cap less than \$10 billion and divide their assets among a dozen or more developed markets. Value is defined based on low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Foreign Small/Mid Growth, FR

Foreign small-/mid-growth portfolios invest in international stocks that are smaller, growing faster, and higher-priced than other stocks. These portfolios primarily invest in stocks that have a market cap less than \$10 billion and divider their assets among a dozen or more developed markets. Growth is defined based on fast growth (high growth rates for earnings, sales, book value, and cash flow) and high valuations (high price ratios and low dividend yields).

World Stock, WS

World-stock portfolios have few geographical limitations. It is common for these portfolios to invest the majority of their assets in the U.S., Europe, and Japan, with the remainder divided among the globe's smaller markets.

Diversified Emerging Mkts, EM

Diversified emerging-markets portfolios tend to divide their assets among 20 or more nations, although they tend to focus on the emerging markets of Asia and Latin America rather than on those of the Middle East, Africa, or Europe.

Pacific/Asia ex-Japan Stk, PJ

Pacific/Asia ex-Japan stock portfolios cover a wide geographic range. Most of these portfolios focus on export-oriented nations such as Hong Kong, Singapore, Taiwan, and Korea.

Taxable Bond:

Long Government, GL

Long-government portfolios have at least 90% of their bond holdings invested in bonds backed by the U.S. government or by government-linked agencies. This backing minimizes the credit risk of these portfolios, as the U.S. government is unlikely to default on its debt. They are not risk free, though. Because these portfolios have durations of more than six years (or, if duration is unavailable, average effective maturities greater than 10 years), they are more sensitive to interest rates, and thus riskier, than portfolios that have shorter durations.

Intermediate Government, GI

Intermediate-government portfolios have at least 90% of their bond holdings in bonds backed by the U.S. government or by government-linked agencies. This backing minimizes the credit risk of these portfolios, as the U.S. government is unlikely to default on its debt. These portfolios have durations between 3.5 and six years (or, if duration is unavailable, average effective maturities between four and 10 years).

Consequently, the group's performance—and its level of volatility--tends to fall between that of the short government and long government bond categories.

Short Government, GS

Short-government portfolios have at least 90% of their bond holdings in bonds backed by the U.S. government or by government-linked agencies. This backing minimizes the credit risk of these portfolios, as the U.S. government is unlikely to default on its debt. These portfolios have durations between one and 3.5 years (or, if duration is unavailable, average effective maturities between one and four years), so they have relatively less sensitivity to interest rates, and thus low risk potential.

Inflation-Protected Bond, IP

Inflation-protected bond portfolios invest primarily in debt securities that adjust their principal values in line with the rate of inflation. These bonds can be issued by any organization, but the U.S. Treasury is currently the largest issuer for these types of securities.

Long-Term Bond, CL

Long-term bond portfolios invest primarily in corporate and other investment-grade U.S. fixed income issues and have durations of more than six years (or, if duration is unavailable, average effective maturities greater than 10 years). Due to their long durations, these portfolios are exposed to greater interest rate risk.

Intermediate-Term Bond, CI

Intermediate-term bond portfolios invest primarily in corporate and other investment-grade U.S. fixed-income issues and have durations of 3.5 to six years (or, if duration is unavailable, average effective maturities of four to 10 years). These portfolios are less sensitive to interest rates, and therefore less volatile, than portfolios that have longer durations.

Short-Term Bond, CS

Short-term bond portfolios invest primarily in corporate and other investment-grade U.S. fixed income issues and have durations of one to 3.5 years (or, if duration is unavailable, average effective maturities of one to four years). These portfolios are attractive to fairly conservative investors, because they are less sensitive to interest rates than portfolios with longer durations.

Ultrashort Bond, UB

Ultrashort bond portfolios invest primarily in investment-grade U.S. fixed-income issues and have durations of less than one year (or, if duration is unavailable, average effective maturities of less than one year). This category can include corporate or government ultrashort bond portfolios, but it excludes international, convertible, multisector, and high yield bond portfolios. Due to their focus on bonds with very short durations, these portfolios offer minimal interest rate sensitivity and therefore low risk and total return potential.

Stable Value, SVF

Stable-value portfolios seek to provide income while preventing price fluctuations. The most common stable-value portfolios invest in a diversified portfolio of bonds and enter into wrapper agreements with financial companies to guarantee against fluctuations in their share prices. These wrapper agreements typically provide price stability on a day-

to-day basis, thereby insulating each portfolio's net asset value from interest-rate volatility. Therefore, the duration for each of these funds is essentially zero.

High Yield Bond, HY

High-yield bond portfolios concentrate on lower-quality bonds, which are riskier than those of higher-quality companies. These portfolios generally offer higher yields than other types of portfolios, but they are also more vulnerable to economic and credit risk. These portfolios primarily invest in U.S. high-income debt securities where at least 65% or more of bond assets are not rated or are rated by a major agency such as Standard & Poor's or Moody's at the level of BB (considered speculative for taxable bonds) and below.

Multisector Bond, MU

Multisector bond portfolios seek income by diversifying their assets among several fixed income sectors, usually U.S. government obligations, U.S. corporate bonds, foreign bonds, and high-yield U.S. debt securities. These portfolios typically hold 35% to 65% of bond assets insecurities that are not rated or are rated by a major agency such as Standard & Poor's or Moody's at the level of BB (considered speculative for taxable bonds) and below.

World Bond, IB

World bond portfolios invest 40% or more of their assets in foreign bonds. Some world bond portfolios follow a conservative approach, favoring high-quality bonds from developed markets. Others are more adventurous, and own some lower-quality bonds from developed or emerging markets. Some portfolios invest exclusively outside the U.S., while others regularly invest in both U.S. and non-U.S. bonds.

Money Market:

Taxable Money Market, TM

These portfolios invest in short-term money market securities in order to provide a level of current income that is consistent with the preservation of capital.

Index Definitions:

Fixed Income Indices

Bloomberg Barclays Aggregate Index covers the U.S. investment-grade fixed-rate bond market, including government and credit securities, agency mortgage pass-through securities, asset-backed securities, and commercial mortgage-based securities.

Bloomberg Barclays U.S. Government Bond Index is comprised of both the Treasury and Agency indices.

Bloomberg Barclays 1-3 Year Government Bond Index includes the Treasury Bond and the Agency Bond indices that have maturities of one to three years.

Bloomberg Barclays 1-3 Year Government/Credit Index includes the Bloomberg Barclays Government and Bloomberg Barclays Corporate Bond indices that have maturities of one to three years.

Bloomberg Barclays U.S. Credit Bond Index is comprised of publicly issued U.S. corporate and specified foreign debentures and secured notes that meet the specified maturity, liquidity, and quality requirements.

Bloomberg Barclays Intermediate U.S. Government/Credit Index is composed of all bonds covered by the Bloomberg Barclays U.S. Government Bond and U.S. Credit Indices with maturities between 1 and 9.99 years. The index includes all publicly issued, fixed rate, nonconvertible investment-grade corporate debt. Issues are rated at least Baa by Moody's Investors Service or BBB by S&P, if unrated by Moody's. Collateralized Mortgage Obligations (CMOs) are not included, Total return comprises price appreciation/ depreciation and income as a percentage of the original investment.

Bloomberg Barclays Long Term Government/Credit Index includes the Government and Corporate indices that have maturities of 10 years or longer.

Bloomberg Barclays Mortgage Backed Securities Index covers the mortgage-backed passthrough securities of Ginnie Mae (GNMA), Fannie Mae (FNMA), and Freddie Mac (FHLMC).

Bloomberg Barclays High Yield Index is a weighted index comprised of all fixed income securities having a maximum quality rating of Ba1 (including defaulted issues), a minimum outstanding amount of \$150 million and at least one year to maturity.

Bloomberg Barclays Global Aggregate Bond Index provides a broad-based measure of the global investment-grade fixed income markets. The three major components of this index are the U.S. Aggregate, the Pan-European Aggregate, and the Asian-Pacific Aggregate Indices, The index also includes Eurodollar and Euro-Yen corporate bonds, Canadian Government securities, and USD investment grade 144A securities.

Bloomberg Barclays Capital U.S. TIPS Index measures the performance of inflation-protected bonds.

Bloomberg Barclays Capital U.S. Universal Index measures represents the union of the U.S. Aggregate Index, U.S. Corporate High-Yield, Investment Grade 144A Index, Eurodollar Index, U.S. Emerging Markets Index, and the non-ERISA eligible portion of the CMBS Index. The index covers USD- denominated, taxable bonds that are rated either investment-grade or below investment-grade.

Bloomberg Barclays Intermediate Government Bond Index includes those indices found in the Bloomberg Barclays Government Index that have a maturity of one to three years.

Bloomberg Barclays Long Term Government Bond Index includes those indexes found in the Bloomberg Barclays Government index, which has a maturity of 10 years or more. The returns we publish for the index are total returns, which include reinvestment of dividends.

Morgan Stanley Capital International (MSCI) Indices

MSCI EAFE Index is a weighted, unmanaged index of the performance of 1,100 securities in major overseas stock markets of Europe Australasia, and the Far East.

MSCI EAFE Growth Index includes those firms in the MSCI EAFE Index with higher Price/Book Value (P/B ratios relative to their respective MSCI country index.

MSCI EAFE Value Index includes those firms in the MSCI EAFE Index with lower Price/Book Value (P/BV) ratios relative to their respective MSCI country index.

MSCI EAFE Small Cap Index includes small cap firms in the MSCI EAFE Index

MSCI World Index is a weighted, unmanaged index of the performance of approximately 1,500 securities listed on the stock exchanges of the U.S., Europe, Australia, and the Far East.

MSCI Pacific ex. Japan index measures the performance of stock markets in Australia, Hong Kong, New Zealand, and Singapore, and Malaysia.

MSCI Emerging Markets Index is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. The MSCI Emerging Markets Index consisted of the following 26 emerging market country indices: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Hungary, India, Indonesia, Israel, Jordan, Korea, Malaysia, Mexico, Morocco, Pakistan, Peru, Philippines, Poland, Russia, South Africa, Taiwan, Thailand, Turkey and Venezuela.

MSCI AC Pacific Index is a free float-adjusted market capitalization index that is designed to measure the equity market performance in the Pacific region. The MSCI AC Pacific Index consisted of the following 12 emerging and developed market countries: Australia, China, Hong Kong, Indonesia, Japan, Korea, Malaysia, New Zealand, Philippines, Singapore, Taiwan, and Thailand.

Dow Jones Indices

Dow Jones Aggressive Portfolio Index is a benchmark designed for asset allocation strategists who are willing to take 100% of the risk of the global securities market.

Dow Jones Conservative Portfolio Index is a benchmark designed for asset allocation strategists who are willing to take 20% of the risk of the global securities market.

Dow Jones Moderate Portfolio Index is a benchmark designed for asset allocation strategists who are willing to take 60% of the risk of the global securities market.

Dow Jones U.S. Industry Indexes are the benchmarks designed for specific sectors which represent approximately 95% of U.S. market capitalization. The indexes are: DJ U.S. Basic Material Index, Consumer Goods Index, Consumer Services Index, Financials Index, Heath Care Index, Industrials Index, Oil & Gas Index, Technology Index, Telecommunications Index, and the Utilities Index.

Russell Style Indices

The **Russell 3000® Index** measures the performance of the 3,000 largest U.S. companies based on total market capitalization, which represents approximately 90% of

the investable U.S. equity market. Subsets of this index include the **Russell 2000® Index**, which measures the performance of the 2,000 smallest companies in the Russell 3000, the **Russell 1000®** Index, which measures the performance of the 1,000 largest companies in the Russell 3000. The Russell 2000 Value Index, Russell 1000 Value Index and Russell Midcap Value Index measure the performance of those companies in the respective broad index with lower price-to-book ratios and lower forecasted growth values. The Russell 2000 Growth Index, Russell 1000 Growth Index and Russell Midcap Growth Index measure the performance of those companies in the respective broad index with higher price-to-book ratios and higher forecasted growth values.

Standard & Poor's Indices

The **Standard & Poor's 500** is an unmanaged capitalization-weighted index of 500 stocks generally representative of large companies (as measured by market capitalization). The **Standard & Poor's Midcap 400**® and **Small cap 600**® are unmanaged indices generally representative of mid-sized and small companies respectively. Investors cannot invest directly in an index.

S&P Target Date Indexes are representative of the investment opportunity available to investors through existing target date funds with asset class exposures driven by a survey of such funds for each particular target date. The series is comprised of the following nine indicies: **S&P Target Date Retirement Income, 2010, 2015, 2020, 2025, 2030, 2035, 2040, and 2045+**.

S&P Goldman Sachs Commodity Indexes contains composite index of commodity sectors which represents a broadly diversified, unleveraged, long-only position in commodity futures. The indexes includes: Energy, Industrial Metals, Precious Metals, Agriculture, Livestock, and Natural Resources.

S&P 1500 Energy Index is an unmanaged capitalization-weighted index comprising of companies in the Energy sector as determined by S&P.

Glossary:

12b-1 Fees

A fee used to pay for a mutual fund's distribution costs. It is often used as a commission to brokers for selling the fund.

Annualized Returns

Returns for periods longer than one year are expressed as "annualized returns." This is equivalent to the compound rate of return which, over a certain period of time, would produce a fund's total return over that same period.

Alpha

Alpha is a measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. A positive alpha

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figure indicates the portfolio has performed better than its beta would predict. In contrast, a negative alpha indicates the portfolio has underperformed, given the expectations established by beta.

Asset Allocation

Income and capital appreciation are dual goals for funds in this objective. Managers often use a flexible combination of stocks, bonds, and cash; some, but not all, shift assets frequently based on analysis of business-cycle trends.

Benchmark

Benchmark is a measure to compare the fund's returns with to judge its performance.

Beta

A measure of a fund's sensitivity to market movements. The beta of the market is 1.00 by definition. Morningstar calculates beta by comparing a fund's excess return over Treasury bills to the market's excess return over Treasury bills, so a beta of 1.10 shows that the fund has performed 10% better than its benchmark index in up markets and 10% worse in down markets, assuming all other factors remain constant. Conversely, a beta of 0.85 indicates that the fund's excess return is expected to perform 15% worse than the market's excess return during up markets and 15% better during down markets

Category Average

Category averages measure how a category performed over a specific time period while correcting for the effects of survivorship-bias, recently-incepted funds and category changes.

Category Percentile Ranking

The fund's total-return percentile rank relative to all funds that have the same Morningstar Category. The highest (or most favorable) percentile rank is 1 and the lowest (or least favorable) percentile rank is 100. The top-performing fund in a category will always receive a rank of 1.

Expense Ratio

The percentage of fund assets paid for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Sales charges are not included in the expense ratio.

Plan Inception Date

Date that the fund, regardless of share class, was added to the Plan.

Inception Date

Date the fund commenced operations.

Index Funds

Index funds are funds that track a particular index and attempt to match its returns. While index funds typically have a much larger portfolio than a mutual fund, the index fund's management may study the index's movements to develop a representative sampling, and match sectors proportionately.

Information Ratio

The information ratio is a measure of the consistency of excess return. The ratio is calculated by taking the annualized excess return over a benchmark (numerator) and dividing it by the standard deviation of excess return (denominator).

Manager

The name of the individual or individuals who are employed by the advisor or subadvisor who are directly responsible for managing the fund's portfolio

Manager Tenure

The number of years that the current manager has been the portfolio manager of the fund. For funds with more than one manager, the average tenure is shown.

Median Market Cap

Median refers to the midpoint of the range numbers that are arranged in order of value (lowest to highest). The market cap is the company's value, determined by multiplying the current number of shares outstanding by the current stock price for one share.

Morningstar Category

The investment category assigned by Morningstar based on the underlying securities in each portfolio. Morningstar categories help make meaningful comparisons between funds

Morningstar Rating

Morningstar rates mutual funds from 1 to 5 stars based on how well they've performed (one being the lowest, 5 stars being the highest possible ranking) in comparison to similar funds. Within each Morningstar Category, the top 10% of funds receive 5 stars and the bottom 10% receives 1 star. Funds are rated for up to three time periods-three-, five-, and 10-years and these ratings are combined to produce an overall rating.

Price/Earnings Ratio

Ratio used to compare a company's current share price to its per share earnings. It is calculated by dividing the market value per share by the earnings per share.

R-squared

R-squared measures (on a scale of 0 to 100) the amount of movement of a fund's return that can be explained by that fund's benchmark. An R-squared of 100 means that all movements of a fund are completely explained by movements in the associated index (benchmark).

Redemption Fee

An annual amount charged when assets are withdrawn from some funds. Unlike deferred fees, however, some redemption fees go back into the fund itself, rather than into the fund company's pockets, and thus do not represent a net cost to shareholders.

Share Classes

Shares of the same fund that offer different shareholder rights and obligations, such as different fee and load charges. Common share classes are A (front-end load), B (deferred fees), C (no sales charge and a relatively high annual 12b-1 fee, such as 1.00%). Multi-class funds hold the same investment portfolio for all classes, and differ only in their surrounding fee structure.

Sharpe Ratio

The Sharpe Ratio is a risk-adjusted measure. It is calculated by using standard deviation and excess return to determine reward per unit of risk. The higher the Sharpe Ratio, the better the portfolio's historical risk-adjusted performance. It can be used to

compare two portfolios directly on how much excess return each portfolio achieved for a certain level of risk.

Peer Benchmark

A proprietary tailored benchmark based on the average performance of appropriate peer groups. The weightings of each average peer group return varies over time to make it comparable to the weightings of the portfolio over the same periods. Comparing portfolio performance to this benchmark helps to assess performance against peers. The Benchmark was rebalanced quarterly.

Weighted Benchmark

A tailored benchmark constructed of a combination of investment indexes weighted based on the individual manager's allocations within the overall portfolio. Specific components of the Weighted Benchmark may include the Bloomberg Barclays Capital U.S. Aggregate Index, the Russell 3000 Index, and the MSCI EAFE Index. Other indexes may be included that PMFA feels appropriately represents the manager or peer group.

Time Weighted Return (TWR)

A method of calculating the return of an investment or portfolio that gives the same weight to time periods, regardless of cash flows into or out of the investment or portfolio. Because TWR eliminates or substantially reduces the impact of cash flows on a portfolio, it is the calculation that fairly compares the performance of the portfolio to another manager or index. However, certain underlying assumptions must be made relative to cash flows in calculating TWR that may result in nominal differences in calculated returns reported by different sources for a given period. Returns greater than 1 year are annualized.

Cumulative Return

The profit or loss, calculated as a percentage, on a given investment or portfolio of investments over a given period of time. Within the context of this report, cumulative return measures the return of the portfolio and broad index since inception through the date of this report.

Ticker

This symbol represents a fund's or a company's stock on an exchange. The ticker can be the most dependable way to identify a security, because it is less likely to change than a security name

Stable Value Disclosure

Some collective trusts engage in securities lending programs in an effort to add additional return for investors. Securities lending programs are associated with various risks, including those associated with collateral management and counterparties.

For Stable Value funds, fees include wrap fees, sub-advisor management fees, management fees, revenue sharing, and administrative fees. Stable Value funds may calculate performance differently depending on their use of sub-advisors and calculation methodology. Detailed performance calculations are available for each Stable Value fund upon request.



ICMA RETIREMENT CORPORATION

GOVERNMENTAL MONEY PURCHASE PLAN & TRUST ADOPTION AGREEMENT



ICMA RETIREMENT CORPORATION GOVERNMENTAL MONEY PURCHASE PLAN & TRUST ADOPTION AGREEMENT

Plan Number 10- <u>8824</u> The Employer hereby establishes a Money Purchase Plan and Trust to be known as Lansing Board of Water and Light Defined Contribution Plan and Trust 2 (the "Plan") in the form of the ICMA Retirement Corporation Governmental Money Purchase Plan and Trust. This Plan is an amendment and restatement of an existing defined contribution money purchase plan. ☐ No **Z** Yes If yes, please specify the name of the defined contribution money purchase plan which this Plan hereby amends and restates: Lansing Board of Water and Light Defined Contribution Plan and Trust 2 Employer: Lansing Board of Water and Light II. Effective Dates 1. Effective Date of Restatement. If this document is a restatement of an existing plan, the effective date of the Plan shall be January 1, 2007 unless an alternate effective date is hereby specified: July 1, 2020 (Note: An alternate effective date can be no earlier than January 1, 2007.) 2. Effective Date of New Plan. If this is a new Plan, the effective date of the Plan shall be the first day of the Plan Year during which the Employer adopts the Plan, unless an alternate Effective Date is hereby specified: 3. Special Effective Dates. Please note here any elections in the Adoption Agreement with an effective date that is different from that noted in 1, or 2, above. (Note provision and effective date.) III. Plan Year will mean: The twelve (12) consecutive month period which coincides with the limitation year. (See Section 5.03(f) of the Plan.) The twelve (12) consecutive month period commencing on 0.1/0.1_____ and each anniversary thereof. IV. Normal Retirement Age shall be age 55 (not to exceed age 65). Important Note to Employers: Normal Retirement Age is significant for determining the earliest date at which the Plan may allow for in-service distributions. Normal Retirement Age also defines the latest date at which a Participant must have a fully vested right to his/her Account. There are IRS rules that limit the age that may be specified as the Plan's Normal Retirement

Age. The Normal Retirement Age cannot be earlier than what is reasonably representative of the typical retirement age for the industry in which the covered workforce is employed. An age under 55 is presumed not to satisfy this requirement, unless the

Commissioner of Internal Revenue determines that the facts and circumstances show otherwise.

Whether an age between 55 and 62 satisfies this requirement depends on the facts and circumstances, but an Employer's good faith, reasonable determination will generally be given deference. A special rule, however, applies in the case of a plan where substantially all of the participants in the plan are qualified public safety employees within the meaning of section 72(t)(10)(B) of the Code, in which case an age of 50 or later is deemed not to be earlier than the earliest age that is reasonably representative of the typical retirement age for the industry in which the covered workforce is employed.

V. ELIGIBILITY REQUIREMENTS

1.	The following group or groups of Employees are eligible to participate in the Plan:	
	All Employees All Full Time Employees Salaried Employees Non union Employees Management Employees Public Safety Employees General Employees ✓ Other Employees (Specify the group(s) of eligible employees below. Do not specify employees by name. Specific positions a acceptable.) See attached Addendum.	ıre
	The group specified must correspond to a group of the same designation that is defined in the statutes, ordinances, rules, regulations, personnel manuals or other material in effect in the state or locality of the Employer. The eligibility requirements cannot be such that an Employee becomes eligible only in the Plan Year in which the Employee terminates employment. Note: As stated in Sections 4.07 and 4.08, the Plan may, however, provide that Final Pay Contributions or Accrued Leave Contributions are the only contributions made under the Plan.	
2.	The Employer hereby waives or reduces the requirement of a twelve (12) month Period of Service for participation. The required Period of Service shall be (write N/A if an Employee is eligible to participate upon employment) N/A.	
	If this waiver or reduction is elected, it shall apply to all Employees within the Covered Employment Classification.	
3.	A minimum age requirement is hereby specified for eligibility to participate. The minimum age requirement is N/A (no exceed age 21. Write N/A if no minimum age is declared.)	ot
CC	NTRIBUTION PROVISIONS	
1.	The Employer shall contribute as follows: (Choose all that apply, but at least one of Options A or B. If Option A is <u>not</u> selected, Employer must pick up Participant Contributions under Option B.)	
	Fixed Employer Contributions With or Without Mandatory Participant Contributions. (If Option B is chosen, please complete section C.)	e
	A. Employer Contributions. The Employer shall contribute on behalf of each Participant 8 % of Earnings or \$ for the Plan Year (subject to the limitations of Article V of the Plan). Mandatory Participant Contributions are required are not required	
	to be eligible for this Employer Contribution.	
	B. Mandatory Participant Contributions for Plan Participation.	
	Required Mandatory Contributions. A Participant is required to contribute (subject to the limitations of Article of the Plan) the specified amounts designated in items (i) through (iii) of the Contribution Schedule below:	V
	☐ Yes ☐ No	

VI.

	electing to contribute the specified amounts designated in items (i) through (iii) of the Contribution Schedule below for each Plan Year (subject to the limitations of Article V of the Plan):
	☐ Yes
	Contribution Schedule,
	 (i)% of Earnings, (ii) \$, or (iii) a whole percentage of Earnings between the range of (insert range of percentages between 1% and 20% inclusive (e.g., 3%, 6%, or 20%; 5% to 7%)), as designated by the Employee in accordance with guidelines and procedures established by the Employer for the Plan Year as a condition of participation in the Plan. A Participant must pick a single percentage and shall not have the right to discontinue or vary the rate of such contributions after becoming a Plan Participant.
	Employer "Pick up". The Employer hereby elects to "pick up" the Mandatory Participant Contributions (pick up is required if Option A is not selected).
	Yes No ("Yes" is the default provision under the Plan if no selection is made.)
□ C.	Election Window (Complete if Option B is selected): Newly eligible Employees shall be provided an election window ofdays (no more than 60 calendar days) from the date of initial eligibility during which they may make the election to participate in the Mandatory Participant Contribution portion of the Plan. Participation in the Mandatory Participant Contribution portion of the Plan shall begin the first of the month following the end of the election window.
	An Employee's election is irrevocable and shall remain in force until the Employee terminates employment or ceases to be eligible to participate in the Plan. In the event of re-employment to an eligible position, the Employee's original election will resume. In no event does the Employee have the option of receiving the pick-up contribution amount directly.
The Em	ployer may also elect to contribute as follows:
□ A.	Fixed Employer Match of Voluntary After-Tax Participant Contributions. The Employer shall contribute on behalf of each Participant% of Earnings for the Plan Year (subject to the limitations of Article V of the Plan) for each Plan Year that such Participant has contributed% of Earnings or \$ Under this option, there is a single, fixed rate of Employer contributions, but a Participant may decline to make the required Participant contributions in any Plan Year, in which case no Employer contribution will be made on the Participant's behalf in that Plan Year.
□ В.	<u>Variable Employer Match of Voluntary After-Tax Participant Contributions.</u> The Employer shall contribute on behalf of each Participant an amount determined as follows (subject to the limitations of Article V of the Plan):
	% of the Voluntary Participant Contributions made by the Participant for the Plan Year (not including Participant contributions exceeding% of Earnings or \$);

Employee Opt-In Mandatory Contributions. Each Employee eligible to participate in the Plan shall be given the opportunity to irrevocably elect to participate in the Mandatory Participant Contribution portion of the Plan by

2.

¹ Neither an IRS advisory letter nor a determination letter issued to an adopting Employer is a ruling by the Internal Revenue Service that Participant contributions that are "picked up" by the Employer are not includable in the Participant's gross income for federal income tax purposes. Pick-up contributions are not mandated to receive private letter rulings; however, if an adopting employer wishes to receive a ruling on pick-up contributions they may request one in accordance with Revenue Procedure 2012-4 (or subsequent guidance).

		PLUS% of the contributions made by the Participant for the Plan Year in excess of those included in the above paragraph (but not including Voluntary Participant Contributions exceeding in the aggregate% of Earnings or \$).
		Employer Matching Contributions on behalf of a Participant for a Plan Year shall not exceed \$ or% of Earnings, whichever is more or less.
3.		rticipant may make a voluntary (unmatched), after tax contribution, subject to the limitations of Section 4.05 and V of the Plan:
		Yes No ("No" is the default provision under the Plan if no selection is made.)
4.	(no late depend	er contributions for a Plan Year shall be contributed to the Trust in accordance with the following payment schedule r than the 15th day of the tenth calendar month following the end of the calendar year or fiscal year (as applicable ing on the basis on which the Employer keeps its books) with or within which the particular Limitation year ends, cordance with applicable law):
	Bi-weekly	with payroll processing cycle
5.	schedul applical	ant contributions for a Plan Year shall be contributed to the Trust in accordance with the following payment e (no later than the 15th day of the tenth calendar month following the end of the calendar year or fiscal year (as ble depending on the basis on which the Employer keeps its books) with or within which the particular Limitation ds, or in accordance with applicable law):
	N/A	
6.	In the c	ase of a Participant performing qualified military service (as defined in Code section 414(u)) with respect to the eer:
	A.	Plan contributions will be made based on differential wage payments:
		Yes No ("Yes" is the default provision under the Plan if no selection is made.)
		If yes is selected, this is effective beginning January 1, 2009 unless another later effective date is filled in here:
	В.	Participants who die or become disabled will receive Plan contributions with respect to such service:
		Yes No ("No" is the default provision under the Plan if no selection is made.)
		If yes is selected, this is effective for participants who died or became disabled while performing qualified military service on or after January 1, 2007, unless another later effective date is filled in here:

	1.	Overtime Yes No
	2.	Bonuses Yes No
	3.	Other Pay (specifically describe any other types of pay to be included below)
VIII.	RO	OLLOVER PROVISIONS
	1.	The Employer will permit rollover contributions in accordance with Section 4.12 of the Plan:
		Yes \square No ("Yes" is the default provision under the Plan if no selection is made.)
	2.	Direct rollovers by non-spouse beneficiaries are effective for distributions after 2006 <u>unless the Plan delayed making</u> them available. If the Plan delayed making such rollovers available, check the box below and indicate the later effective date in the space provided.
		Effective Date is (Note: Plans must offer direct rollovers by non-spouse beneficiaries no later than plan years beginning after December 31, 2009.)
IX.	LIN	MITATION ON ALLOCATIONS
	раг	he Employer maintains or ever maintained another qualified plan in which any Participant in this Plan is (or was) a ticipant or could possibly become a participant, the Employer hereby agrees to limit contributions to all such plans as wided herein, if necessary in order to avoid excess contributions (as described in Section 5.02 of the Plan).
	1.	If the Participant is covered under another qualified defined contribution plan maintained by the Employer, the provisions of Section 5.02(a) through (e) of the Plan will apply unless another method has been indicated below.
		Other Method. (Provide the method under which the plans will limit total Annual Additions to the Maximum Permissible Amount, and will properly reduce any excess amounts, in a manner that precludes Employer discretion.)
	2.	The Limitation Year is the following 12 consecutive month period:
	3.	Unless the Employer elects a delayed effective date below, Article 5 of the Plan will apply to limitations years beginning on or after July 1, 2007.
		(The effective date listed cannot be later than 90 days after the close of the first regular legislative session of the legislative body with authority to amend the plan that begins on or after July 1, 2007.)

VII.

EARNINGS

Earnings, as defined under Section 2.09 of the Plan, shall include:

X. VESTING PROVISIONS

The Employer hereby specifies the following vesting schedule, subject to (1) the minimum vesting requirements and (2) the concurrence of the Plan Administrator. (For the blanks below, enter the applicable percent – from 0 to 100 (with no entry after the year in which 100% is entered), in ascending order.)

Period of Service		
Completed	Perc Vest	
Zero	100	%
One		%
Two		%
Three		%
Four		%
Five		%
Six		%
Seven		%
Eight	_	%
Nine		%
Ten		%

XI. WITHDRAWALS AND LOANS

1.	In-service distributions are permitted under the Plan after a participant attains (select one of the below options):
	Normal Retirement Age
	Age 70½ ("70½" is the default provision under the Plan if no selection is made.)
	Alternate age (after Normal Retirement Age):
	☐ Not permitted at any age
2.	A Participant shall be deemed to have a severance from employment solely for purposes of eligibility to receive distribution from the Plan during any period the individual is performing service in the uniformed services for more than 30 days.
	Yes \square No ("Yes" is the default provision under the plan if no selection is made.)
3.	Tax-free distributions of up to \$3,000 for the direct payment of qualifying insurance premiums for eligible retired public safety officers are available under the Plan.
	Yes No ("No" is the default provision under the Plan if no selection is made.)
4.	In-service distributions of the Rollover Account are permitted under the Plan, as provided in Section 9.07.
	Yes No ("No" is the default provision under the Plan if no selection is made.)
5.	Loans are permitted under the Plan, as provided in Article XIII of the Plan:
	Yes No ("No" is the default provision under the Plan if no selection is made.)

SPOUSAL PROTECTION The Plan will provide the following level of spousal protection (select one): 1. Participant Directed Election. The normal form of payment of benefits under the Plan is a lump sum. The Participant can name any person(s) as the Beneficiary of the Plan, with no spousal consent required. 💋 2. Beneficiary Spousal Consent Election (Article XII). The normal form of payment of benefits under the Plan is a lump sum. Upon death, the surviving spouse is the Beneficiary, unless he or she consents to the Participant's naming another Beneficiary. ("Beneficiary Spousal Consent Election" is the default provision under the Plan if no selection is made.) 3. QISA Election (Article XVII). The normal form of payment of benefits under the Plan is a 50% qualified joint and survivor annuity with the spouse (or life annuity, if single). In the event of the Participant's death prior to commencing payments, the spouse will receive an annuity for his or her lifetime. (If C is selected, the spousal consent requirements in Article XII also will apply.) XIII. FINAL PAY CONTRIBUTIONS The Plan will provide for Final Pay Contributions if either 1 or 2 below is selected. The following group of Employees shall be eligible for Final Pay Contributions: ☐ All Eligible Employees Other: Final Pay shall be defined as (select one): ☐ A. Accrued unpaid vacation ☐ B. Accrued unpaid sick leave C. Accrued unpaid vacation and sick leave D. Other (insert definition of Final Pay – must be leave that Employee would have been able to use if employment had continued and must be bona fide vacation and/or sick leave): 1. Employer Final Pay Contribution. The Employer shall contribute on behalf of each Participant ______ % of Final Pay to the Plan (subject to the limitations of Article V of the Plan). 2. **Employee Designated Final Pay Contribution.** Each Employee eligible to participate in the Plan shall be given the opportunity at enrollment to irrevocably elect to contribute _____ % (insert fixed percentage of final pay to be contributed) or up to _______% (insert maximum percentage of final pay to be contributed) of Final Pay to the Plan (subject to the limitations of Article V of the Plan).

Once elected, an Employee's election shall remain in force and may not be revised or revoked.

XII.

ACCRUED LEAVE CONTRIBUTIONS XIV.

The Plan will provide for accrued unpaid leave contributions annually if either 1 or 2 is selected below. The following group of Employees shall be eligible for Accrued Leave Contributions: ☐ All Eligible Employees Other: Accrued Leave shall be defined as (select one): ☐ A. Accrued unpaid vacation ☐ B. Accrued unpaid sick leave C. Accrued unpaid vacation and sick leave D. Other (insert definition of accrued leave that is bona fide vacation and/or sick leave): 1. Employer Accrued Leave Contribution. The Employer shall contribute as follows (choose one of the following options): For each Plan Year, the Employer shall contribute on behalf of each Eligible Participant the unused Accrued Leave in excess of _____ (insert number of hours/days/weeks (circle one)) to the Plan (subject to the limitations of Article V of the Plan). For each Plan Year, the Employer shall contribute on behalf of each Eligible Participant ______% of unused Accrued Leave to the Plan (subject to the limitations of Article V of the Plan). 2. Employee Designated Accrued Leave Contribution. Each eligible Participant shall be given the opportunity at enrollment to irrevocably elect to contribute _____% (insert fixed percentage of accrued unpaid leave to be contributed) or up to _____ % (insert maximum percentage of accrued unpaid leave to be contributed) of Accrued Leave to the Plan (subject to the limitations of Article V of the Plan). Once elected, an Employee's election shall remain in force and may not be revised or revoked. The Employer hereby attests that it is a unit of state or local government or an agency or instrumentality of one or more units of state or local government. The Employer understands that this Adoption Agreement is to be used with only the ICMA Retirement Corporation Governmental Money Purchase Plan and Trust. 'This ICMA Retirement Corporation Governmental Money Purchase Plan and Trust is a restatement of a previous plan, which was submitted to the Internal Revenue Service for approval on April 2, 2012, and received approval on March 31, 2014. The Plan Administrator hereby agrees to inform the Employer of any amendments to the Plan made pursuant to Section 14.05 of the Plan or of the discontinuance or abandonment of the Plan. The Employer understands that an amendment(s) made pursuant to Section 14.05 of the Plan will become effective within 30 days of notice of the amendment(s) unless the Employer notifies the Plan Administrator, in writing, that it disapproves of the amendment(s). If the Employer so disapproves, the Plan Administrator will be under no obligation to act as Administrator under the Plan. The Employer hereby appoints the ICMA Retirement Corporation as the Plan Administrator pursuant to the terms and XVII. conditions of the ICMA RETIREMENT CORPORATION GOVERNMENTAL MONEY PURCHASE PLAN & TRUST. The Employer hereby agrees to the provisions of the Plan and Trust.

XV.

XVI.

AVIII.	disqualification of the Pla	nowledges it understands that failu n.	ire to properly fill o	ut this Adoption A	greement m	ay result in
XIX.		ay rely on an advisory letter issued 01 of the Internal Revenue Code to				
In Witn	ess Whereof, the Employe	r hereby causes this Agreement to b	be executed on this	17th_ day of	June	, 20_20
EMPLO	DYER	Digitally signed by David J.		MENT CORPOR tol St., NE Suite 60 2 20002		
Ву:	- Quil J. Price	Price Date: 2020.06.17 13:45:21 -04'00' Adobe Acrobat version:	Ву:			t:
Print N		2017.011.30166	Pript Name:	Erica McFa		
Title: _	Chair, Board of Commissio	oners	Title:	Assistant Se	A CONTRACTOR OF THE STATE OF TH	
Attest:_		100	Attest:	(a)		

M. Denise Digitally signed by M. Denise Griffin DN: cn=M. Denise Griffin, o=Lansing Board of Water and Light, ou, email=MDenise.Griffin@lbwl.com, c=US Date: 2020.06.19 14:59:50 -04'00' Griffin

Esq.



ICMA RETIREMENT CORPORATION
777 NORTH CAPITOL STREET, NE | WASHINGTON, DC 20002-4240
800-669-7400
WWW.ICMARC.ORG
BRC000-214-21268-201405-W1303

ADDENDUM TO THE LANSING BOARD OF WATER AND LIGHT DEFINED CONTRIBUTION PLAN & TRUST 2

This Addendum is fully incorporated into the Lansing Board of Water and Light Defined

Contribution Plan and Trust Number 2.

Section V.1. of the Adoption Agreement is hereby completed as follows:

"1. The following group or groups of Employees are eligible to participate
in the Plan:
All Employees
All Full Time Employees
Salaried Employees
Non union Employees
Management Employees
Public Safety Employees
General Employees
\overline{X} Other Employees (Specify the group(s) of eligible employees below.
Do not specify employees by Name. Specific positions are acceptable.)
The Employee who serves as the Corporate Secretary on July 1, 2020 and
any other Employee who on or after July 1, 2020 enters into a written
agreement with the Employer pursuant to which the Employee participates
in this Plan."

Proposed Resolution

Acceptance of 2020 Audited Financial Statements for Defined Benefit Pension Plan, Defined Contribution Pension Plan, and Retiree Benefit Plan

Resolved, that the Corporate Secretary receive and place on file the Defined Benefit, Defined Contribution, and Retiree Benefit Plan reports presented during the Pension Trustee Meeting.

Staff comments: All three Plans received clean audit reports.