

# Investment Series Part 2: Managing Your Portfolio and Using Your Account

Presented by: Debbie Rochester

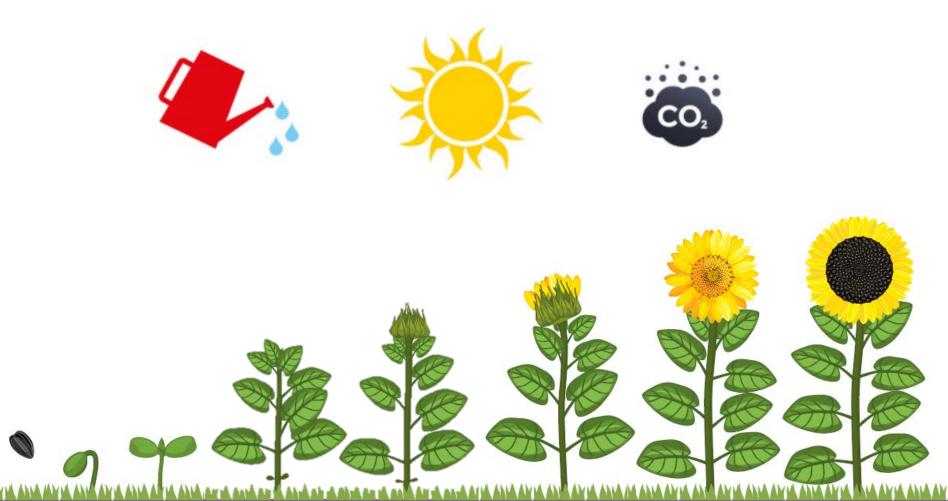
# Today's Agenda

- Understand Why We Invest
- Locate Investment Information
- Create and Review Your Plan
- Make Changes to Your Investments
- Learn Contribution and Tax Considerations
- Build a Withdrawal Strategy



### Reach a Goal

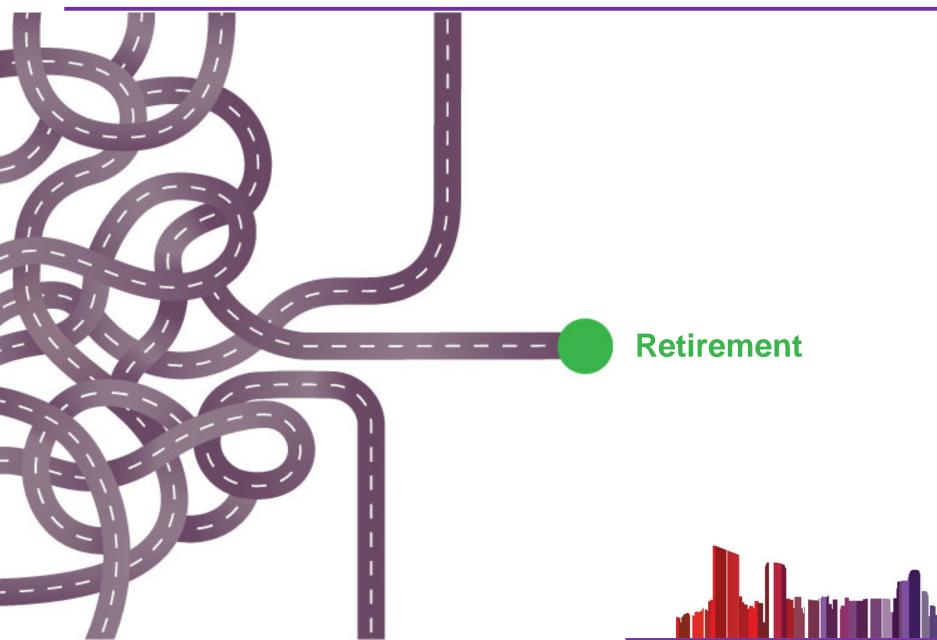
Like most things that grow, investments need regular care and attention.



### **Reach Retirement**



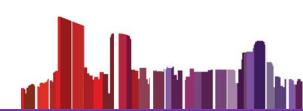
# Stay on Track



### Locate Investment Information

### **General Investment Information**

AB High Income Z AGDZX   ★★★★	(★	Morning	star Analyst R	ating			bett	come to the ter place traders.
FF Fund Family Data 📋 Add to Portfolio ்걸 Get E-mail Alerts 🖹 Print	This Page 🛛	PDF Rep	oort 🖃 Data D	efinition ?	Data Question			
Coming Soon: <u>See a Preview of Our New Fund Quote Page</u>								×
Quote Chart 🏝 Fund Analysis Performance Ratings & Risk M	Management	Portfol	io Expense	Tax Purcha	se Filings			
NAV 1-Day Total Return \$8.59 ↓-0.10%	TTM Yield 6.57%	Load None	<b>Total Assets</b> \$ 7.4 bil	Expenses 0.50%	<u>Fee Level</u> LOW	Turnover 51%	Status Open	Min. Inv. \$ 2.0 mil
USD   NAV as of 24 Apr 2018   1-Day Return as of 24 Apr 2018	<b>30-Day SE</b> 8.15%	C Yield	Category High Yield Bo	ond		Credit Quality/Int Sensitivity ∰ Low/Mo		2



## **MERS Investment Menu Summary**

	Page 1 of 2         1134 Municipal Way Lansing, N           Performance & Fees –         Defined Contribution Plan, Hybrid Plan (Par						Municipa			₹S ent System				
	Online users can click on any fund name below	for more detailed informatio	n.											
	Fund Name	Proportion of Stocks Stocks	Quarter-	Year-to-	Retur 1 yr.	ns 3 yr.	5 yr.	10 yr.	Operatin	Annual g Expense				
	Retirement Strategies: "Do it for me"	0 <sup>%</sup> 100%	to-date	date					As a %	Per\$1,000				
	2005 Retirement Strategy		-0.83%	-0.83%	4.34%	2.77%	3.14%		0.42%	\$4.20				
	2010 Retirement Strategy		-0.86%	-0.86%	5.38%	3.43%	3.99%	14 C	0.42%	\$4.20				
	2015 Retirement Strategy		-0.95%	-0.95%	6.72%	4.24%	4.93%		0.43%	\$4.30				
	2020 Retirement Strategy		-0.91%	-0.91%	7.97%	4.90%	5.65%	1.0	0.43%	\$4.30				
	2025 Retirement Strategy		-0.88%	-0.88%	9.07%	5.50%	6.43%		0.43%	\$4.30 \$4.30				
	2030 Retirement Strategy 2035 Retirement Strategy		-0.91%	-0.91% -0.88%	10.11%	6.10% 6.67%	7.18%		0.43%	\$4.30 \$4.30				
	2040 Retirement Strategy		-0.86%	-0.86%	12.42%	7.27%	8.46%		0.43%	\$4.30				
	2045 Retirement Strategy		-0.79%	-0.79%	13.07%	7.57%	8.64%		0.43%	\$4.30				
	2050 Retirement Strategy		-0.79%	-0.79%	13.06%	7.56%	8.62%		0.43%	\$4.30				
	2055 Retirement Strategy		-0.80%	-0.80%	13.07%	7.59%	8.64%		0.43%	\$4.30				
	2060 Retirement Strategy		-0.79%	-0.79%	13.09%	7.59%	-	1.0	0.42%	\$4.20				
	Premium Select Options: "Help me do it"													
wheat Dawtfalls	Portfolios Built for You (Stocks/Bonds)			F10/		E 1 0/	0	000/	10	740/	7 410/	F (70/	0.00/	¢r 00
irket Portfolio			0	.51%	0.1	51%	9.	80%	0.	74%	7.41%	5.67%	0.58%	\$5.80
	MERS Global Stock Portfolio (100/0)		-0.18%	-0.18%	15.27%	9.42%			0.68%	\$6.80				
	MERS Capital Appreciation Portfolio (80/20)		0.02%	0.02%	12.18%	8.43%	9.13%		0.56%	\$5.60				
	MERS Established Market Portfolio (60/40)		-0.38%	-0.38%	9.39%	6.94%	7.39%	6.41%	0.55%	\$5.50				
	MERS Balanced Income Portfolio (40/60)		-0.72%	-0.72%	6.78%	5.44%	5.54%	-	0.53%	\$5.30				
	MERS Capital Preservation Portfolio (20/80)		-1.19%	-1.19%	4.00%	4.03%	3.96%		0.48%	\$4.80				
	MERS Diversified Bond Portfolio (0/100)		-1.47%	-1.47%	1.38%	1.82%	1.60%	3.98%	0.50%	\$5.00				
	Funds to Build Your Own Portfolio													
	Large Cap Stock Index		-0.84%	-0.84%	13.55%	10.30%	12.84%	9.39%	0.35%	\$3.50				
	Mid Cap Stock Index		-0.82%	-0.82%	10.49%	8.73%	11.77%	10.73%	0.35%	\$3.50				
	Small Cap Stock Index		0.86%	0.86%	12.80%	10.77%	-		0.35%	\$3.50				
	International Stock Index		-1.69%	-1.69%	14.83%	5.34%	5.97%	-	0.39%	\$3.90				
	Emerging Market Stock		3.21%	3.21%	21.94%	11.04%	6.32%		1.21%	\$12.10				
	Real Estate Stock		-7.25%	-7.25%	-1.29%	1.67%	6.19%	÷ .	0.81%	\$8.10				
	Bond Index		-1.69%	-1.69%	0.67%	0.58%	1.25%		0.45%	\$4.50				
	High Yield Bond		-1.52%	-1.52%	2.83%	4.08%	4.17%	-	0.85%	\$8.50				
	Short-Term Income		-0.03% 0.47%	-0.03% 0.47%	0.13%	0.30%	0.25%	1.00%	0.35%	\$3.50		-		
nigan   10	Stable Value (not available for HCSP) Note: Amounts withdrawn may not be transferred to the MERS SI Income Fund for 90 days	hort-Term Managed	0.47%	0.4770	1.00%	1.0470	1.87%	-	0.00%	\$6.00				

MERS of Michigan | 10

**MERS** Total Mar

### **MERS Individual Fund Sheets**

### **1 Q** 03/31/18

#### **MERS Total Market Portfolio**

Defined Contribution Plan, Hybrid Plan (Part II), Health Care Savings Program, and 457 Program

#### Total Fund Assets: \$10.8 billion

Fund Category: Asset Allocation

Total Annual Operating Expense: 0.58%

#### Objective

The MERS Total Market Portfolio is a fully diversified portfolio combining traditional stocks and bonds with alternative asset classes including real estate, private equity, and commodities. The objective is to provide current income and capital appreciation while minimizing the volatility of the capital markets.

Portfolio Management

MERS manages the asset allocation and monitors the underlying investment managers of the MERS Total Market Portfolio.

#### Fee and Expense Information

MERS Operating Costs: Costs to run the day-to-day operations of the plan, which include legal, accounting, auditing, compliance, printing, and overhead costs.	0.15%
Custody and Recordkeeping Costs: Casts related to bookkeeping, settling trade activity, and holding assets in custody at a bank.	0.15%
Investment Management Expense: Al costs incurred in the overall management of the fund. The Investment Management Expense varies based on the level of assets. As assets increase, the Investment Management Expense is expected to decline.	0.28%
Total Annual Operating Expense: The Total Annual Operating Expense reduces the rate of return of the fund. A Total Annual Operating Expense of 0.58% means that for every \$1,000 invested in the MERS Total Market Portfolio, a participant is charged \$5.80 in fees a year.	0.58%





Actual Asset Breakdown (as of March 31, 2018)

	U.S. Stock	23.7%
	International Stock	13.1%
	Emerging Market Stock	15.3%
	Private Equity	4.6%
4	Global Bond	21.6%
	Cash	1.5%
+	Global Real Assets	10.5%
	Diversifying Strategies	9.7%

#### Fund Restrictions

A 2.00% redemption fee is charged for shares sold within 90 days of purchase. The charge is applied on a first-in, first-out basis.

Performance Information (as of March 31, 2018)								Pe	rformance t	y year	
	Quarter	Year to Date	1 Year	3 Years	5 Years	10 Years	2013	2014	2015	2016	2017
MERS Total Market Portfolio	0.51%	0.51%	9.80%	6.74%	7.41%	5.67%	14.48%	6.26%	-1.33%	10.31%	12.86%
Custom Benchmark*	-0.46%	-0.46%	11.06%	6.09%	6.16%	5.61%	14.36%	2.74%	-2.33%	6.30%	16.72%
Standard Deviation				4.99%	4.96%	8.61%	4.93%	4.94%	5.77%	5.72%	1.52%

Returns are presented Net of the Total Annual Operating Expense. Returns for periods greater than one year are annualized.

Return information prior to December 31, 2007 is linked with the returns of the MERS Defined Benefit Portfolio as the MERS Total Market Portfolio utilizes the same strategy. The returns from the MERS Defined Benefit Portfolio are Net of Investment Management Expenses only.

Put preformance is no guarantee of future results. Current performance may be higher or lower. Investment returns and values will fluctuate, and shares when redeemed, may be worth more or less than their original cost. Piease violt the MERS website at www.merubilit.com for more recent performance information. "Outcome Benchmark -45% Russell 3000, 20% MERCADN et u.U.S.A.M. Merg. 25% BBG BMPC Age, 10% BBG BMPC Global Agg et US.

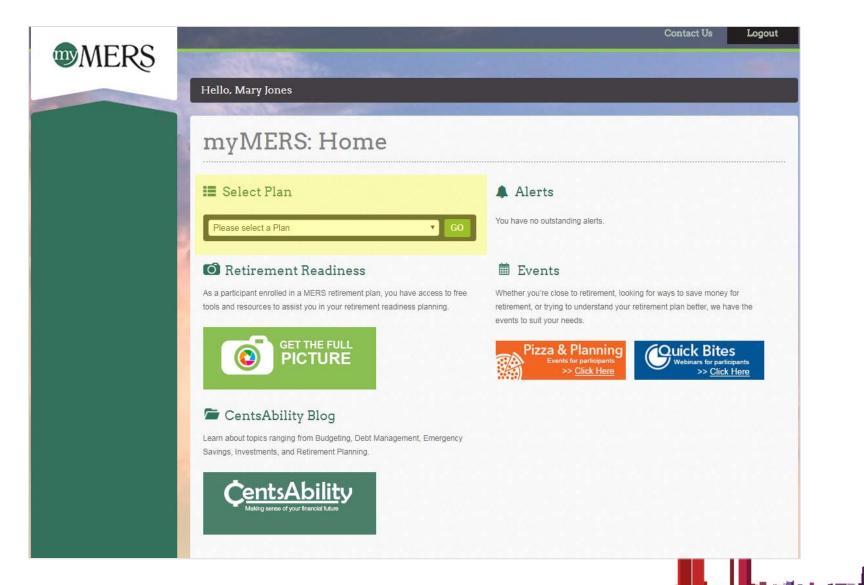
Costalli Belicinitatik, 45% Hassel 3000, 20% INSCI ACMI BLOSH IMI (ME), 25% BED BHIC AUG. TO'R BED BHIC GLOBA AGY EX US.

Standard Deviation measures the distribution of returns around the average return. The more spread apart the data, the higher the deviation

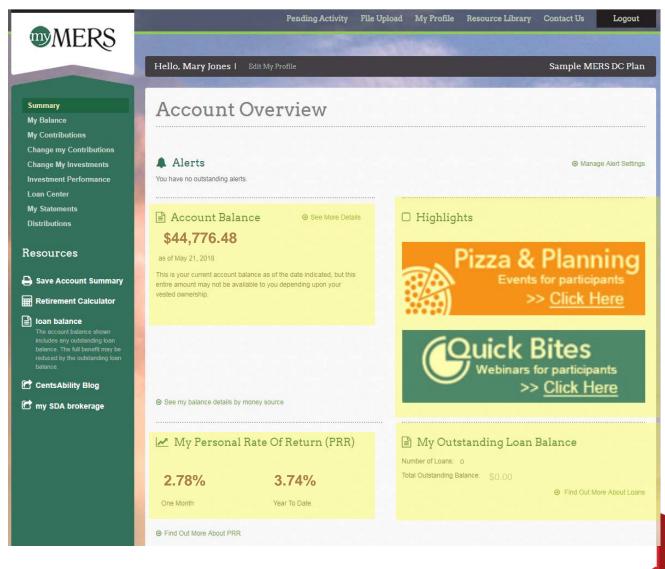
MUNICIPAL EMPLOYEES' RETIREMENT SYSTEM OF MICHIGAN | 1134 Municipal Way | Lansing, MI 48917 | 800.767.MERS (6377) | www.mersofmich.com

# PORTFOLIOS BUILT FOR YOU

## Your myMERS Account



### **Your Account Overview**



### **Your Quarterly Statement - Overview**

	Austicipal Engloyees' Reterminist System	Period: 01/01/2018 through 03/31/2018 Plan #: 000015 Sampel MERS DC PLan
Mary Jones 123 Oak St Anytown, Mi 4883	3 www.mersoft 800-767-MER	
In this Issue	Your Account Sum	mary
Account Summary, Rate of Return, and Message Board	Beginning Balance on 01/01/2018 Contrbutors Distributors Distributors Administrative Fees Ending Balance on 03/31/2018 Vestad Balance	\$40,580.64 \$1,725.00 \$194.35 \$0.00 \$0.00 \$42,500.00 \$42,500.00
Allocation Overview	Primary Beneficiary John Jones	
Investment Performance	Your Personal Rate of	Return
Disclosures/Expanses	Your Personalized Rate of Return for the Period Your Year to Base Rate of Return for hyperbolic and the defects as statisticating the white site the statistic varies are update and advantum the weak statistical (St.): Your equivalence statistical resources and advantum the statistical (St.): Your equivalence statistical resources and the statistical resources and the statistical of the statistical resources and the manufacture and the statistical of the statistical resources and the interview resources and the statistical of the statistical resources and the interview resources and the statistical resources and the interview the statistical resources and the statistical resources and the statistical resources and the interview resources and the statistical resources and the interview the statistical resources and the statistical resources and the statistical resources and the interview resources and the statistical resources and the interview the statistical resources and the statistical resources and the statistical resources and the interview resources and the statistical resources and the interview the statistical resources and the statistical resources and the statistical resources and the interview the statistical resources and the statistical resources and the statistical resources and the interview the statistical resources and the statistical resources and the statistical resources and the interview the statistical resources and the interview the statistical resources and the statistical resources and the statistical resources and the interview the statistical resources and the statistical resources and the interview the statistical resources and the statistical resources and the interview the statistical resources and the statistical resources and the statistical resources and the interview the statistical resources and the statistical resources and the interview the statistical resources and the statistical resources and the interview the statistical resources and the statistical resources and the sta	f reform during the period, sweights exclusions first by the
	Message Board	
Veryou interested in reading more articles like introdes bousing on investing, budgeting and d	the one you nooke in your quatinfy statements? Onek ad Omtabilit ner financial lopics to help you plan for interement. Wat mensifinish.com	y - a blog we recently lanched with iconstability today
		ISABELLA COUNTY MEDICAL CAPE FAC DC 1

Your Account Summar	γ
Beginning Balance on 01/01/2018	\$40,580.64
Contributions	\$1, 725.00
Gain/Loss	\$194.38
Distributions	\$0.00
Administrative Fees	\$0.00
Ending Balance on 03/31/2018	\$42,500.00
Vested Balance	\$42,500.00

#### Your Personal Rate of Return

Your Personalized Rate of Return for the Period	0.36%
Your Year to Date Rate of Return	0.36%

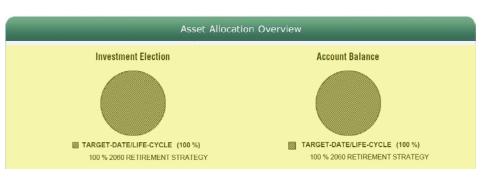
Your Personal Rate of Return is calculated using the Modified Dietz Method, a widely accepted rate of return calculation methodology supported by the Global Investment Presentation Standards (GPS). This weighted return calculation assumes a constant rate of return during the period, weights each cash flow by the amount of time held, and takes into account the relative balances held in each investment.

The calculation represents the performance of your investment portfolio for the reporting period, or the date Alexas Retirement and Benefits began providing recordsceping services for this plan, which ever is later. As is the case with all market-based investments, past performance does not guarantee future results.



### **Your Quarterly Statement - Investments**

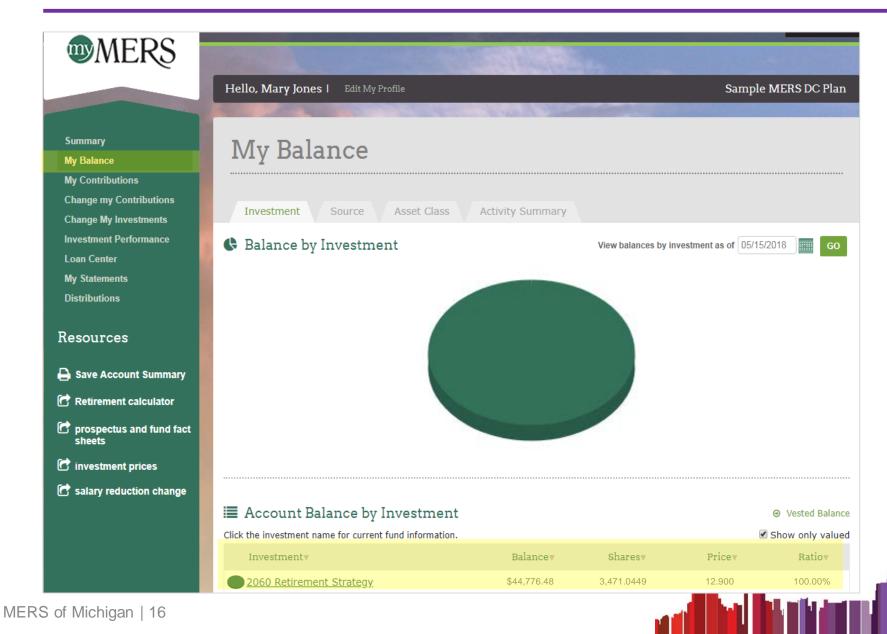
	Rank/pal Employees' Reterment	Period:         01/01/2018           through 03/31/2018         Plan #: 000015           Sampel MERS DC PLan
Mary Jones 123 Oak St		Contact Us
Anytown, MI 488	33	www.mersofmich.com
		800-767-MERS (6377)
In this Issue	Your A	ccount Summary
Account Summary, Rate of Return, and Message Board	Beginning Balance on 01/01/2018 Contributions GainLoss Distributions	\$40,580,64 \$1,725,00 \$194,38 \$0,00
Activity Highlights and Retirement Projection	Administrative Fees Ending Balance on 03/31/2018 Vested Balance	\$0.00 \$42,500.00 \$42,500.00
Allocation Overview	Primary Beneficiary John Jones	
Investment Activity 4-5		
Investment Performance	Your Pers	onal Rate of Return
Disclosures/Expenses	The calculation represents the performance of your insultained perfilt	riod 0.36% 0.36% https://www.productional-inductional-
- 	Message Board	
ke you interested in reading more active til	e the ones you receive in your quarterly statements?	Check ad Controlbility - a blog we recently launched with fort menufment.com/compatibility.bday/
		ISABELLA COUNTY MEDICAL CARE FAC DC



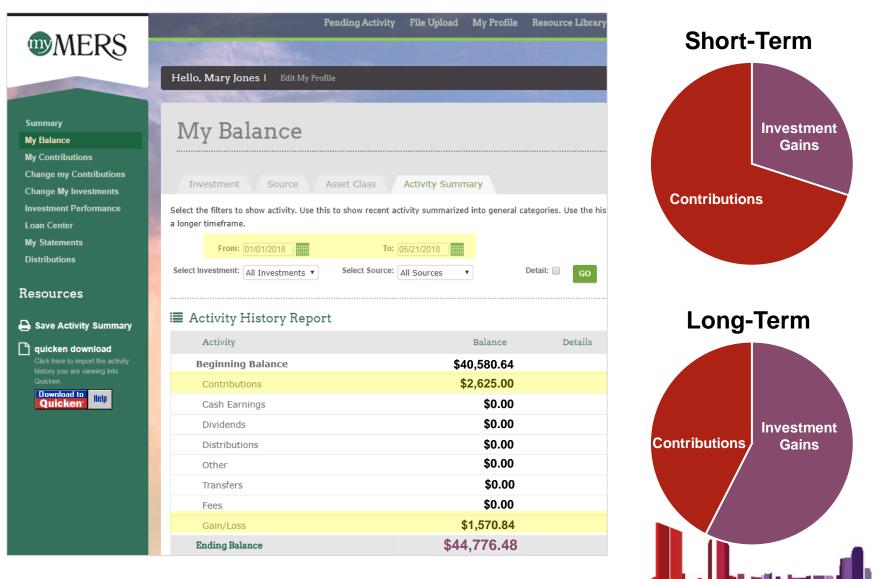
westment Activity	_	_	_	_	_	_	_
Reporting Period: 01/01/2018 -	03/31/2018						
Fund Name	Beginning Balance	Contributions	Gain/Loss	Admin Fees	Distributions	Ending Balance	Fund Type
2060 RETIREMENT STRATEGY	\$40,580.64	\$1,725.00	\$194.36	\$0.00	\$0.00	\$42,500.00	TARGET- DATE/LIFE- CYCL
Total	\$40,580.64	\$1,725.00	\$194.36	\$0.00	\$0.00	\$42,500.00	



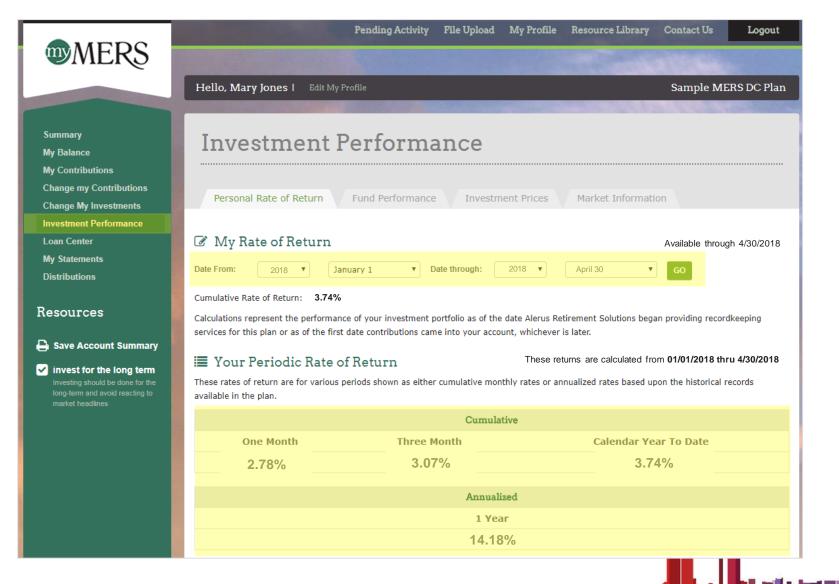
### **Evaluate Your Asset Allocation**



## Evaluate Your Asset Allocation, cont'd

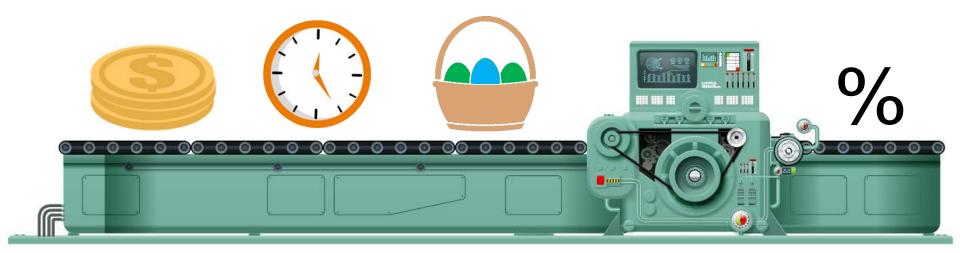


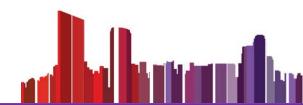
### **Evaluate Your Fund Performance**



### **Personal Fund Performance**

Factors used to calculate your personal rate of return.





### Create and Review Your Plan

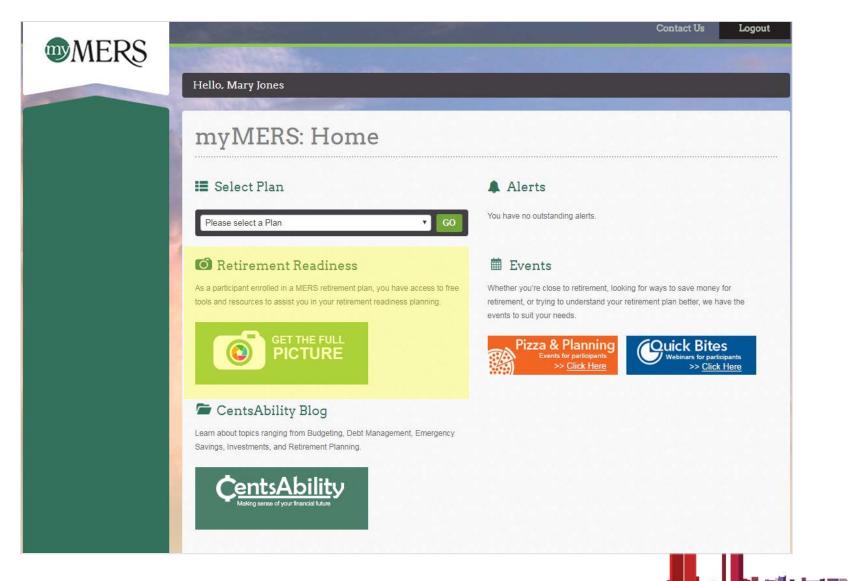
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# Meet Mary & John

Mary's Pi	rofile	John's Pr	ofile
Current Age	30	Current Age	33
Retirement Age	62	Retirement Age	65
Income	\$46,000	Income	\$38,000
Savings	\$42,500	Savings	\$11,000
Contribution Rate	10%	Contribution Rate	3%
Employer Match	Up to 5%	Employer Match	Up to 5%
Risk Profile	Conservative	Risk Profile	Aggressive



### **Full Picture Report Builder**



## **Enter Your Information**

PARTI	ICI	PANT			S	POUSE					
CURRE	ENT				] [	CURRENT					
Name	Name Mary			ones		Name	John				
Gende	Birth Date (mm/dd/yyyy)		Femal	Female		Gender			Male	•	
Birth I			05/21/			Birth Date (m	m/dd/yyy	ry)	03/17/19	75	
Annua	al Sa	alary (\$)	46000	9		Annual Salar	y (\$)		38000	3	
FUTUR	RE					FUTURE					
Planne	ied R	Retirement Age	62	8		Planned Retir	ement /	Age	65	3	
- (	CUR	RENT ACCOUNTS								🕂 ADD	
	Ac	count Name		Balance	C	ontribution Amount <sup>*</sup>					
	Sa	mple MERS DC Plan		\$43,365.31		\$6,900	🔨 EI	DIT CONT	RIBUTIONS		
	Jo	hn's DC Plan		\$11,000.00		\$2,280	∑_DI	ETAIL	8 DELETE		
		TOTAL BALANCE	Ś	\$54,365.31		\$9,180					
	_	STARTING ASSU	мртіо	NS							
				Participant				Spou	se		
		Annual Salary Gro	wth 🕑	3 %				3	%		
		Life Expectancy*	3	85				90			
		Social Security Start Age*		62				65			
		Social Security Monthly Benefit*	3	<ul> <li>Calculate</li> <li>Use my e</li> </ul>				-	alculate bene se my estima		
		Legacy At Death		\$ 0							

### Full Picture Report Builder

### Information already entered:

- Age
- Income
- MERS Benefits

### Information you may add:

- Spouse's Information
- Outside Accounts
- Other Contributions

### **Investment Approach**

# Choose the investment approach that best fits how involved you want to be with your investments.

#### INVESTMENT APPROACH

Your retirement plan offers a series of all-in-one investment options specifically matched to your time horizon or risk profile. You may choose to have your action plan built using one of these all-in-one options or with a combination of the available funds in the plan. Please review these options below and choose the investment group that best matches your approach to investing. If you change your mind, you can always return to this page and make another selection.

#### Sample MERS DC Plan

Use Retirement Strategies – "Do it for me" (Learn more)

Use Portfolios – "Help me do it" (Learn more)

Individual Funds – "I'll do it myself" (Learn more)



### **Risk Tolerance Assessment**

### Determine how much risk you are willing to take

#### **RISK TOLERANCE**

Your tolerance for risk is an important part of your investment strategy. The system can help you determine your tolerance for risk with a short questionnaire, or you can enter your own risk level. Our risk scale ranges from 1 (most conservative) to 100 (most aggressive). Select one of the following options to determine your risk level.

	1	RISK SCALE	100
	most conservative		most aggressive
۲			
0	Use my own value of	50	

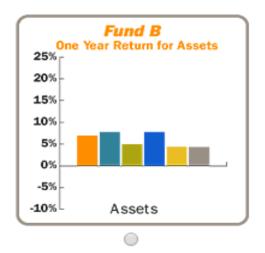


## **Sample Question**

### RISK ADVISOR Step 5 of 10

Suppose you have a choice between two mutual funds, both of which are broadly diversified into 6 asset classes (e.g. stocks, bonds, real estate, etc.). The charts below show the change in value over the past 12 months for the assets in each fund. Which fund do you prefer to invest in?

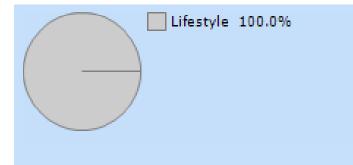






# **Suggested Investments**

Learn the investment strategy the Full Picture report builder creates for you.

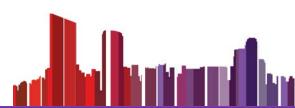


### Mary's Current Strategy

### Mary's Suggested Strategy

📃 High Yield Bonds	3%
Short Term Bonds	13%
Large Cap Core	38%
Small Cap Core	16%
Real Estate	6%
Divers Intl Eq	20%
Emerging Mkt Equities	4%

LEARN HOW TO IMPLEMENT►



# Suggested Investments, cont'd

Asset Class	Investments	Current Fund %	Suggested Asset %	Your Selection
HIGH YIELD BONDS			3%	
F P High Yield Bond				3 %
SHORT TERM BONDS			13%	
E P Short-Term Income				13 %
LARGE CAP CORE EQUITIES			38%	
E P Large Cap Stock Index				38 %
SMALL CAP CORE EQUITIES			16%	
F 🖻 Small Cap Stock Index				16 %
REAL ESTATE			6%	
F P Real Estate Stock				6 %
DIVERSIFIED INTERNATIONAL EQUITIES			20%	
F P International Stock Index				20 %
EMERGING MARKET EQUITIES			4%	
Emerging Market Stock				4 %
LIFESTYLE			0%	
E 2060 Retirement Strategy		100%		0 %
Totals		100%	100%	100%

SUBMIT

### Make Changes to Your Investments

# **Types of Investment Changes**

MERS				
	Hello, Mary Jones I Edit My Profile Sc	ample MERS DC Plan		
Summary My Balance My Contributions Change my Contributions Change My Investments Investment Performance Loan Center My Statements Distributions	<ul> <li>Change My Investments</li> <li>Pending Transactions</li> <li>No Transactions pending.</li> <li>Select the change you want to make</li> <li>Click one of the available items below to begin.</li> </ul>	Wednesday, 13 June 2018		
Availa				
	hows you how to transfer percents from specific funds into other funds. This allows the more advanced investor to ma es to get in or out of specific investments. This change will also automatically cancel any pending scheduled automat			



## **Investment Changes Explained**

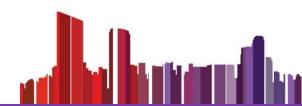


Current Account Balance: \$44,776 (\$22,388 for 50%)

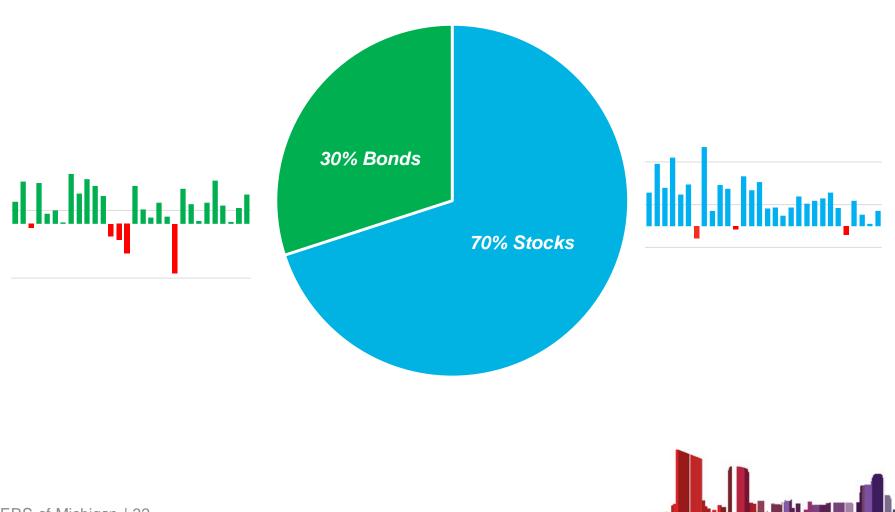




# Future Contributions: **\$266.38** per pay



## Rebalancing – We'll do it all for you!



# Learn Contribution & Tax Considerations

### Contributions, Withdrawals and Taxes



### **Pre-Tax**





Withdrawal Money

# Roth (After-Tax)





Withdrawal Money

### Tax-Free



Withdrawal Money

### Build a Withdrawal Strategy

## **Distribution Options**



Lump Sum



### **Equal Payments**



**As Needed** 



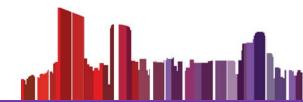
### Withdrawal Factors



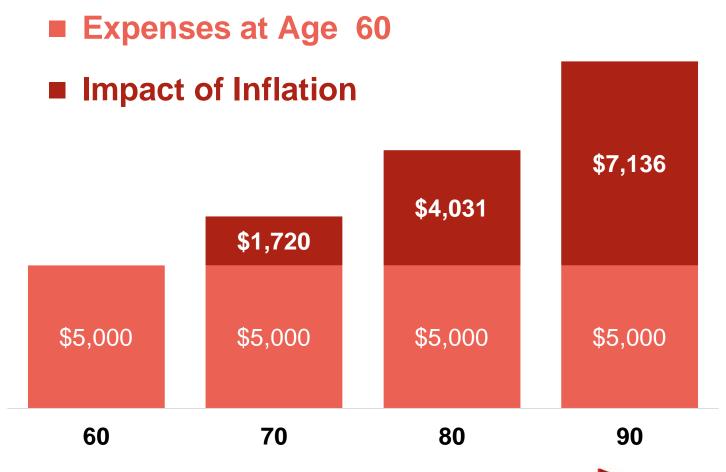


	65-year-old Male	65-year-old Female	65-year-old Couple
Life Expectancy	86 years	88 years	92 years
Target Age to Save For	92 years	94 years	96 years

Source: Society of Actuaries RP-2014 Mortality Tables. "Life Expectancy" is 50% of living to this age. "Target Age to Save For" is 25% of living to this age.

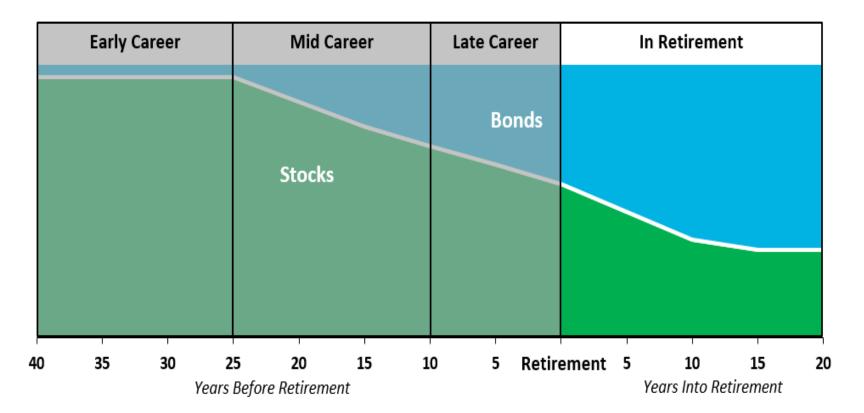


### Inflation



Example shows the impact of inflation at 3% a year.

### Continue to reduce risk on your accumulated balance





### Investments

Should I move all of my retirement savings into the **lowest risk** investment?

### How Long Would Monthly Payments Last?



### 3.0% Return

5.5% Return

*Example*: Participant retires at age 60, and draws down a \$500,000 account balance by taking a \$2,000 monthly payment, adjusting it upward with inflation at 3.0% each year.



### **Please Complete a Session Survey!**



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