



#### STATE OF NEVADA DEPARTMENT OF ADMINISTRATION

Steve Sisolak Governor

Laura E. Freed
Director

Colleen Murphy
Deputy Director

Rob Boehmer Executive Officer

#### PUBLIC EMPLOYEES' DEFERRED COMPENSATION PROGRAM

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### DEFERRED COMPENSATION COMMITTEE QUARTERLY MEETING MINUTES

September 22, 2020

The quarterly meeting of the Deferred Compensation Committee was held on Tuesday, September 22, 2020, at 9:00 a.m. by video conference and teleconference.

A copy of meeting material including this set of meeting minutes, the agenda, and other supporting material, is available on the Nevada Deferred Compensation (NDC) website at: <a href="http://defcomp.nv.gov/Meetings/2020">http://defcomp.nv.gov/Meetings/2020</a>.

#### **COMMITTEE MEMBERS**

Susie Chang Kent Ervin Jeff Ferguson Matt Kruse Debbie Bowman, Vice Chair

#### OTHERS PRESENT

Bishop Bastien, Voya
Beth Blanford, Fundmap
Rob Boehmer, NDC Executive Officer
Rasch Cousineau, Hyas Group
Marie Cove, Casey Neilon

Merrill Desrosiers, Voya Matthew McCue, Financial Investment News Suzanne Olsen, Casey Neilon Henna Rasul, Sr. Deputy Attorney General Micah Salerno, NDC Admin. Assistant

#### 1. Call to Order/Roll Call

Vice Chairwoman Bowman called the quarterly meeting to order for the Nevada Deferred Compensation (NDC) Committee at 9:00 a.m. on Tuesday, September 22, 2020.

Mr. Rob Boehmer took roll, determined a quorum was present, and confirmed the meeting was properly noticed and posted.

Beth Blandford and Matthew McCue introduced themselves via Zoom chat and noted they were just listening in.

#### 2. Public Comment

No public comment.

Vice Chair Bowman welcomed new Committee members Susie Chang, and Jeff Ferguson.

3. <u>For Possible Action- Approval of Nevada Public Employees' Deferred Compensation Program (NDC) Committee (Committee) meeting minutes for public meeting held on June 17, 2020.</u>

Motion by Dr. Ervin to approve the minutes from June 17, 2020, second by Ms. Susie Chang. Motion passed unanimously, 5-0.

4. <u>For Possible Action- Receive, discuss, and approve Executive Officer's Report of second quarter</u> 2020.

Mr. Boehmer presented his report speaking on the FY2020 budget status, quarterly plan activity and data, and the Administrative account.

- FY2020 Budget Status Report:
  - o Actual 2020 revenue stood at \$894,000
  - Expenses had come in at \$386,000 and were broken down in the category detail pages.
  - o 2021 projected revenue was \$454,000.
  - As of June 30,2020, Administrative Account balances were \$186,892 for full-time Plan and \$12,422 for FICA Plan.
- Quarterly plan Activity and Data Report:
  - \$10.25 quarterly account fees were charged to 87% of participants (10,611). The other 13% of participants (1,569) had balances under \$1,000. The Nevada portion of the fee was \$6.63, and the Voya portion was \$3.62.
  - o As expected with the pandemic shutdown, enrollments were down year-to-date.
  - Loan balances remained very low at 0.4% of Plan assets. Industry averages were 3-5% for Plan assets.

Dr. Ervin asked why there was no charge for the Attorney General (AG) and what the Admin cost allocation covered.

Mr. Boehmer explained that an audit at the AG's office showed NDC had a sizeable credit that was covering our current charges. The Admin charge was for support from Department of Administration and Administrative Service Division budget analyst.

Dr. Ervin guestioned what the actual cash reserve balance was at the end of FY2020.

Mr. Boehmer answered that it was projected to be \$89,000 and ended up at \$91,689. It was reflected on the legislative approved budget with adjustments. It represented around a 90-day reserve.

Mr. Rasch Cousineau noted that in the industry anything under 10 basis points (bps) was acceptable as a reserve. The current NDC reserve amount was under 2 bps. He suggested it would be good to adopt a policy on what was to be done with any excess in a fee policy statement.

Dr. Ervin commented the reserve amount should not be too high since it was participant money. He requested they discuss how fees were collected at the December meeting.

Ms. Chang asked for a percentage of accounts over \$1,000 and the total revenue per plan number to be included in future reports.

Mr. Boehmer concluded his report with updates on City of North Las Vegas and Lincoln County and noted that Las Vegas Metropolitan Police was interested in joining the Plan.

Motion by Mr. Kruse to approve the Executive Officer's report. Second by Mr. Ferguson, motion passed unanimously, 5-0.

Vice Chair Bowman called a five-minute break.

5. <u>For Possible Action- Receive FY2019 Financial Audit Report and Financial Statements for NDC Voluntary Plan and FICA Alternative Plan prepared by Financial Auditing firm Casey Neilon.</u>

Ms. Suzanne Olsen and Ms. Marie Cove from NDC contracted auditing firm, Casey Neilon, presented the FY2019 Financial Audit Report and Financial Statements for the NDC Voluntary Plan and FICA Plan. Casey Neilon found nothing material in their audits of the Plans and found all financial disclosures to be clear and accurate. They did note that they were unable to gather information from the Nevada System of Higher Education (NSHE) Plan due to an initial misunderstanding at NSHE but it was not considered a material omission.

Motion by Dr. Ervin to approve the audit reports from Casey Neilon. Second by Mr. Kruse, motion carried unanimously, 5-0.

Vice Chair Bowman called for a five-minute break.

6. <u>For Possible Action- Receive and approve Investment Consultant's review of report from Recordkeeper, performance of investment options, and Fund Watch List for the second quarter ending June 30, 2020.</u>

Mr. Rasch Cousineau provided the second quarter 2020 performance report including commentary on market conditions and economy. The Plan Data Review as of June 30, 2020, showed voluntary Plan assets were at \$891million which represented a market gain of \$92.1 million. Plan allocation to Stable Value was at 40.3% and Target Date Funds at 20.4%. Reviewing the current fund lineup and based on the current Investment Policy Statement (IPS), one fund was on watch, T. Rowe Price Growth Stock, due to it trailing the Benchmark and Peer Group for the 5-year period. Hyas recommended placing American Funds EuroPacific Growth fund on watch due to underperformance. Plan Fee and Revenue Analysis noted the current weighted expense ratio for the full-time Plans was 0.339%. The ratio decreased from 0.373% last quarter as two higher-cost funds were replaced by lower-cost Index Funds.

Motion by Mr. Kruse for American Funds EuroPacific Growth to be placed on the Watch List per recommendation by the Investment Consultant. T. Rowe Price Growth Stock would remain on watch and Vanguard Developed Markets Index would be removed from the list. Second by Dr. Ervin, motion passed unanimously, 5-0.

Mr. Cousineau provided a SECURE Act Update and the provisions that were applicable to NDC.

DAG Rasul recommended that information and decisions about the SECURE Act be tabled until the December meeting.

Motion by Dr. Ervin to approve the Investment Consultant report. Second by Mr. Kruse, motion carried unanimously, 5-0.

7. <u>For Possible Action- Receive, review, and consider proposed Plan Investment Structure</u> recommendations from Hyas Group.

Hyas Group presented Plan Investment Structure recommendations.

The Committee appreciated the analysis and asked Hyas Group to provide an updated analysis at the December meeting to include three scenarios with specific fund name recommendations and brief rationale for each. Hyas Group should also provide estimated cost savings for each scenario versus current lineup costs. The Committee asked Hyas Group to start with the current Fund Review document and add to it accordingly for information consistency.

- 8. <u>For Possible Action- Conduct review and discussion of recommended amendments to the NDC governing documents and plan design.</u>
  - a. <u>Investment Policy Statement</u> (IPS)

The Committee reviewed the current IPS versus new IPS comments as prepared by Hyas Group. They requested the item be tabled until the December meeting and reviewed and potentially approved with any lineup changes.

#### b. 457(b) Plan Document

Hyas Group recommended that the document be updated accordingly with SECURE Act and/or auto-enrollment features but did not have any suggested edits.

c. Federal Insurance Contributions Act (FICA) Alternative Plan Document

No edits.

#### d. Administrative Manual

Separate out a NDC Fee Policy to include the current fee structure. The Fee Policy should note that: lowest share classes were offered; that revenue share, if applicable, was provided back to appropriate participants; full-time and FICA plans did not subsidize. No comments were provided on the NDC Communication Policy. Hyas Group would work with NDC Staff to update the Fee Policy and Communication Policy for the December meeting.

9. <u>For Possible Action- Receive and approve report from Voya Financial for second quarter ending June 30, 2020.</u>

Mr. Bastien reported on the Plan Summary, assets, distributions, rollovers, and missing beneficiary data. The voluntary plan quarter end assets had increased to \$887 million. He provided a communication review, information on quarterly representative activities, a CARES Act update, and new capabilities for the website.

Motion by Dr. Ervin to accept and approve the Voya Report. Second by Mr. Ferguson, motion passed unanimously, 4-0.

10. For Possible Action- Discuss participation in NAGDCA training opportunities.

Mr. Boehmer summarized the benefits of membership with NAGDCA and explained the upcoming training opportunity. The Connect virtual event would be held October 5-28, 2020, since NAGDCA could not host the annual conference this year.

11. <u>For Possible Action- Confirm 3<sup>rd</sup> quarterly meeting scheduled for December 1, 2020. Schedule the NDC 4<sup>th</sup> Quarterly Committee meeting and/or any special meetings.</u>

Dr. Ervin knew the value in being a member of the NAGDCA organization and wanted the record to show the benefits to Committee, Staff, and the Plan. He supported Mr. Boehmer serving on the NAGDCA Executive Board if it did not interfere with his regular State job.

Ms. Bowman agreed that NAGDCA provided excellent educational and networking opportunities for Committee members.

Third Quarter meeting confirmed for December 1, 2020. Proposed January 11, 12, or 14, 2021 for Annual Planning Meeting and March 1 or 2, 2021 for 4<sup>th</sup> quarter meeting.

12. <u>For Possible Action- Pursuant to NRS 287.330</u>, the Committee must designate a Committee Chair and Vice Chair to serve the remaining 2020 Calendar year.

Motion by Dr Ervin to nominate Ms. Bowman to serve as Chair until the March 2021 meeting. Second by Mr. Ferguson, motion carried unanimously, 4-0.

Motion by Dr. Ervin to nominate Mr. Kruse as Vice-Chair until the March 2021 meeting. Second by Ms. Bowman, motion passed unanimously, 4-0.

13. Committee Members comments

Members thanked Staff and presenters for the information. Ms. Chang and Mr. Ferguson were happy to serve and knew they would learn a lot.

14. <u>Updates from contracted Investment Consultant</u>

No comments.

15. Update from contracted Recordkeeper

No comments.

16. Administrative Staff/Department of Administration Updates

No comments.

17. Public Comment

No public comment.

18. Adjournment

The meeting was adjourned at 2:36 p.m.

Respectfully submitted,

Micah Salerno
NDC Administrative Assistant





# Nevada EXECUTIVE OFFICER'S REPORT **December 1, 2020**



# NDC Budget, Revenue Review, Activity, and Contract Update

#### Financial Report FY2020

- <u>FY 2021 Budget Status Report</u>- shows the current status of the NDC budget including projections and encumbrances.
  - Includes <u>NDC Budget Tracking Report</u>- shows a breakdown of each revenue category and projection worksheet that includes actual balance and projected balances for FY2021 to assist Admin. Staff with managing Program Revenue.
- 3rd Quarter Expense and Revenue Report- Revenue Administrative Account with Voya
- Quarter Plan Activity Report 3rd Quarter Plan data report (attached) & Transition Report
- City of North Las Vegas, Lincoln County, & Las Vegas Metro PD Update and Report
- Financial Audit (FY2020) status update



FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59

Category	Desc	Cumulative %	L01	Work Program	Actual	Budget Balance	Projection	Actual Plus Projection	Projected Budget Balance
00	3849 ADMINISTRATION CHARGE		453,768	453,768	125,000.00	328,768.00	272,768.00	397,768.00	56,000.00
00	4203 PRIOR YEAR REFUND		0	0	-	-	-	-	-
00	4326 TREASURER'S INTEREST DISTRIUTION		557	557	207.43	349.57	349.57	557.00	-
Total Rev			454,325	454,325	125,207.43	329,117.57	273,117.57	398,325.00	56,000.00
01	PERS SERVICE	0.00%	206,380	206,380	61,427.17	144,952.83	135,783.38	197,210.55	9,169.45
03	IN ST TRAV	0.00%	3,172	3,172	-	3,172.00	-	-	3,172.00
04	OPERATING	5.80%	150,750	159,500	24,255.97	135,244.03	131,857.46	156,113.43	3,386.57
26	INFO SVCS	142.33%	8,561	20,746	3,414.76	17,331.24	16,540.13	19,954.89	791.11
30	TRAINING	0.00%	8,957	8,957	300.00	8,657.00	-	300.00	8,657.00
82	ADM CST ALLO	0.00%	20,563	20,563	5,962.75	14,600.25	14,600.25	20,563.00	-
87	PURCH ASMNT	0.00%	11,456	11,456	5,728.00	5,728.00	5,728.00	11,456.00	-
88	SWCAP	0.00%	11,302	11,302	2,825.50	8,476.50	11,302.00	14,127.50	(2,825.50)
89	AG COST ALLO	100.00%	0	0	-	-	-	-	-
Total Exp			421,141	442,076	103,914.15	338,161.85	315,811.22	419,725.37	22,350.63
	Operating Income		33,184	12,249	21,293.28	(9,044.28)	(42,693.65)	(21,400.37)	33,649.37
	Beg Net Assets		88,791	91,689	91,689.00	-	-	91,689.00	-
	End Net Assets		121,975	103,938	112,982.28	(9,044.28)	(42,693.65)	70,288.63	33,649.37
	Days Exp in Ending Rsv		0	85	-	-	-	60.29	-

FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 01 PERS SERVICE, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	Budget Balance	Projection	Projection	Balance
5100	SALARIES	154,414	43,842.16	110,571.84	101,107.16	144,949.32	9,464.68
5200	WORKERS COMPENSATION	1,728	292.37	1,435.63	1,435.63	1,728.00	-
5300	RETIREMENT	23,548	9,480.59	14,067.41	12,353.03	21,833.62	1,714.38
5301	RET EE/ER	0	1,777.61	(1,777.61)	-	1,777.61	(1,777.61)
5400	PERSONNEL ASSESSMENT	538	134.50	403.50	403.50	538.00	-
5420	CB ASSESSMNT	0	6.00	(6.00)	-	6.00	(6.00)
5500	GROUP INSURANCE	18,800	3,916.50	14,883.50	14,883.50	18,800.00	-
5610	SICK LEAVE	0	90.40	(90.40)	-	90.40	(90.40)
5620	ANNUAL LEAVE	0	135.60	(135.60)	-	135.60	(135.60)
5630	HOLIDAY LEAVE	0	-	-	-	-	-
5640	COMP TIME LEAVE	0	-	-	-	-	-
5650	OTHER LEAVE	0	-	-	-	-	-
5700	PAYROLL ASSESSMENT	177	44.25	132.75	132.75	177.00	-
5750	RETIRED EMPLOYEES GROUP INSURANCE	4,215	1,039.98	3,175.02	3,175.02	4,215.00	-
5800	UNEMPLOYMENT COMPENSATION	240	70.47	169.53	169.53	240.00	-
5810	OVERTIME PAY	0	-	-	-	-	-
5820	HOLIDAY PAY	0	-	-	-	-	-
5830	COMP TIME PAYOFF	0	-	-	-	-	-
5840	MEDICARE	2,240	596.74	1,643.26	1,643.26	2,240.00	-
5860	BOARD AND COMMISSION PAY	480	-	480.00	480.00	480.00	-
5880	SHIFT DIFFERENTIAL PAY	0	-	-	-	-	-
5901	PAYROLL ADJUSTMENT	0	-	-	-	-	-
5910	STANDBY PAY	0	-	-	-	-	-
5960	TERMINAL SICK LEAVE PAY	0	-	-	-	-	-
5970	TERMINAL ANNUAL LEAVE PAY	0	-	-	-	-	-
5975	FORFEITED ANNUAL LEAVE PAYOFF	0	-	-	-	-	-
5980	CALL BACK PAY	0	-	-	-	-	
Total		206,380	61,427.17	144,952.83	135,783.38	197,210.55	9,169.45

### FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 03 IN ST TRAV, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	<b>Budget Balance</b>	Projection	Projection	Balance
6001	OTHER TRAVEL EXPENSES	51	-	51.00	-	-	51.00
6200	PER DIEM IN-STATE	575	-	575.00	-	-	575.00
6210	FS DAILY RENTAL IN-STATE	371	-	371.00	-	-	371.00
6215	NON-FS VEHICLE RENTAL IN-STATE	138	-	138.00	-	-	138.00
6230	PUBLIC TRANSPORTATION IN-STATE	0	-	-	-	-	-
6240	PERSONAL VEHICLE IN-STATE	900	-	900.00	-	-	900.00
6250	COMM AIR TRANS IN-STATE	1,137	-	1,137.00	-	-	1,137.00
Total		3,172	-	3,172.00	-	-	3,172.00

FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 04 OPERATING, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	<b>Budget Balance</b>	Projection	Projection	Balance
7020	OPERATING SUPPLIES	153	-	153.00	-	-	153.00
7026	OPERATING SUPPLIES - PAPER	124	27.11	96.89	-	27.11	96.89
7045	STATE PRINTING CHARGES	0	-	-	-	-	-
7050	EMPLOYEE BOND INSURANCE	6	6.00	-	6.00	12.00	(6.00)
7051	B&G - PROP. & CONT. INSURANCE	56	56.00	-	-	56.00	-
7054	AG TORT CLAIM ASSESSMENT	171	170.96	0.04	-	170.96	0.04
7060	CONTRACTS - TEMP HIRE STATEWIDE	50,841	5,271.03	45,569.97	45,569.97	50,841.00	-
7063	CONTRACTS - COMPLIANCE AUDIT	0	-	-	-	-	-
7065	CONTRACTS - EIDE BAILLY & SEGAL MARCO	99,250	15,000.00	84,250.00	81,750.00	96,750.00	2,500.00
7100	STATE OWNED BLDG RENT-B&G	4,269	1,067.25	3,201.75	3,201.75	4,269.00	-
7103	STATE OWNED MEETING ROOM RENT	0	-	-	-	-	-
7285	POSTAGE - STATE MAILROOM	207	49.22	157.78	272.14	321.36	(114.36)
7286	MAILSTOP - STATE MAILROOM	2,489	2,489.00	-	-	2,489.00	-
7289	EITS PHONE LINE AND VOICEMAIL	419	104.85	314.15	314.15	419.00	-
7294	CONFERENCE CALL CHARGES	151	-	151.00	-	-	151.00
7296	EITS LONG DISTANCE CHARGES	164	14.55	149.45	149.45	164.00	-
7301	MEMBERSHIP DUES	600	-	600.00	600.00	600.00	-
7302	REGISTRATION FEES	0	-	-	-	-	-
7330	SPECIAL REPORT SERVICES AND FEES	49	-	49.00	-	-	49.00
7430	PROFESSIONAL SERVICES	176	-	176.00	-	-	176.00
7460	EQUIPMENT < \$1,000	375	-	375.00	-	-	375.00
Total		159,500	24,255.97	135,244.03	131,863.46	156,119.43	3,380.57

### FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 26 INFO SVCS, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	<b>Budget Balance</b>	Projection	Projection	Balance
7026	OPERATING SUPPLIES - TONER	1,268	245.43	1,022.57	-	245.43	1,022.57
7073	SOFTWARE MAINTENANCE	0	333.30	(333.30)	-	333.30	(333.30)
7460	EQUIPMENT PURCHASES <\$1,000	161	59.00	102.00	-	59.00	102.00
7510	EITS PROGRAMMER/DEVELOPER	12,185	-	12,185.00	12,185.00	12,185.00	-
7532	EITS WEB HOSTING	1,660	414.99	1,245.01	1,245.01	1,660.00	-
7542	EITS SILVERNET ACCESS	3,192	1,596.00	1,596.00	1,596.00	3,192.00	-
7547	EITS PRODUCTIVITY SUITE	1,496	374.04	1,121.96	1,122.12	1,496.16	(0.16)
7554	EITS INFRASTRUCTURE ASSESSMENT	553	276.50	276.50	276.50	553.00	-
7556	EITS SECURITY ASSESSMENT	231	115.50	115.50	115.50	231.00	-
8371	COMPUTER HARDWARE <\$5,000	0	-	-	-	-	<u>-</u>
Total		20,746	3,414.76	17,331.24	16,540.13	19,954.89	791.11

# FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 30 TRAINING, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	<b>Budget Balance</b>	Projection	Projection	Balance
6100	PER DIEM OUT-OF-STATE	4,224	-	4,224.00	-	-	4,224.00
6130	PUBLIC TRANSPORT OUT-OF-STATE	300	-	300.00	-	-	300.00
6140	PERSONAL VEHICLE OUT-OF-STATE	831	-	831.00	-	-	831.00
6150	CMM AIR OOS	1,952	-	1,952.00	-	-	1,952.00
7300	DUES AND REGISTRATION	0	-	-	-	-	-
7302	REGISTRATION FEES	1,650	300.00	1,350.00	-	300.00	1,350.00
Total		8,957	300.00	8,657.00	-	300.00	8,657.00

#### FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 82 ADM CST ALLO, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	<b>Budget Balance</b>	Projection	Projection	Balance
7389	16-17 CENTRALIZED PERSONNEL SERVICES COST ALLOC	900	450.00	450.00	450.00	900.00	=
7398	DIRECTOR'S COST ALLOCATION	2,388	1,194.00	1,194.00	1,194.00	2,388.00	-
7439	DEPT OF ADMIN - ADMIN SER DIV	17,275	4,318.75	12,956.25	12,956.25	17,275.00	-
Total		20,563	5,962.75	14,600.25	14,600.25	20,563.00	-

# FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 87 PURCH ASMNT, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	<b>Budget Balance</b>	Projection	Projection	Balance
7393	PURCHASING ASSESSMENT	11,456	5,728.00	5,728.00	5,728.00	11,456.00	-
Total		11,456	5,728.00	5,728.00	5,728.00	11,456.00	-

### FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 88 SWCAP, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	<b>Budget Balance</b>	Projection	Projection	Balance
7384 STA	TEWIDE COST ALLOCATION PLAN	11,302	2,825.50	8,476.50	11,302.00	14,127.50	(2,825.50)
Total		11,302	2,825.50	8,476.50	11,302.00	14,127.50	(2,825.50)

# FY 2021, BA 1017 ADMIN - DEFERRED COMP, Exported 11/18/2020 11:51:59 Cat 89 AG COST ALLO, Exported 11/18/2020 11:51:59

						Actual Plus	Projected Budget
GL	Desc	Work Program	Actual	<b>Budget Balance</b>	Projection	Projection	Balance
7391 ATT	TORNEY GENERAL COST ALLOC	0	-	-	-	-	-
Total		0	-	=	=	=	-

#### Deferred Compensation Program Legislative Approved Budget Plus Adjustments (Adjusted Amounts in Bold) Fiscal Years 2019-20 and FY 2020-21

<u>Revenue/Expense</u> Revenues	FY 2019-20	Comments	FY 2020-21 Revenues	Comments
Balance Forward Admin Charge (Actual) Interest Earned Total Revenue	<b>\$27,888</b> <b>\$348,000</b> \$557 \$376,445	Updated Balance Forward Estimate (Projected for FY2021)→	\$91,689 \$380,000 \$557 \$472,246	Leg App Bal Forward  NDC Vol. Plan Annual Revenue Projection: 14751 participants X \$26.50 = \$390,901  FICA Alt. Annual Revenue Projection = 31,961 participants X \$.80 = \$25,569
Expenses Salaries O/S Travel In-State Travel Operating Information Services Training Dept Cost Allocation Purchasing Assess Statewide Cost Allocation AG Cost Allocation Sub-total	\$178,119 \$0 \$986 <b>\$157,799</b> \$9,537 \$8,957 \$18,530 \$7,536 \$5,194 <u>\$0</u> \$386,658	W/P Est. for new Fin. Audit Contract	Expenses \$197,210 \$0 \$3,172 <b>\$156,113</b> \$19,955 \$8,857 \$20,563 \$11,456 \$14,128 \$0 \$431,454	Transitioned authority to Training Category in 2019  W/P Est. for new Fin. Audit Contract = \$8,150  W/P Est. for EITS Programing to CP Data File = \$12,185 includes all of the items previously in CAT 02  Projected Admin. Expense W/ Proposed Budget Cuts
Reserve	<u>\$76,600</u>	WP- Adj. Leg. Approved Bal. Fwd.	<u>\$71,866</u>	Est Adj. Leg. Approved Bal. Fwd.
Total Expense + Reserve Estimated Impact on reserve	\$463,258 (\$86,813)	Total Revenue - Total Expense/Reserve	\$503,320 (\$31,074)	Total Revenue - Total Expense/Reserve
Impact on Reserve Balance at Er Est Reserve in Budget Account -		<u><b>FY2020</b></u> \$88,791	<u>FY 2021</u> \$91,689	Row 27- Reserve proj. for corresponding FY Based on current Participant projection listed in (I9) or future participant accounts being charged throughout
Est Balance in Voya Admin Acco Est Total Reserve Balance at 6/3 % reserve to annual expenses Days of reserve available		• • •	\$155,238 \$246,927 57.23% 209 Days	Biennium  365 Days X % reserve to annual expenses
Admin Revenues in Voya Accou Balance as of 11/16/2020	<u>unt</u> \$155,238		Recap - FY 20 Ongoing Re Ongoing Exp Revenue Ove	venues \$348,557 \$380,557



#### **State of Nevada Deferred Compensation Plan Quarterly Fee Report**

Nevada  Deferred Compensation  General Ledger-	- ND	C Administr	ativ	e Account			
3rd Quarter 2020 Fees		625031	6	525032	625033	Totals	%
# of Accounts as of 9/30/2020		12067		3425	1097	16589	100%
# of Accounts Valued over \$1,000 as of 9/30/2020		10719		3144	888	14751	89%
# of Accounts Valued under \$1,000 as of 9/30/2020		1348		281	209	1838	11%
Quarterly Fee	\$	10.25	\$	10.25	\$ 10.25		
Nevada Portion of Per Account Fee	\$	6.63	\$	6.63	\$ 6.63		
Voya Portion of Per Account Fee	\$	3.62	\$	3.62	\$ 3.62		
Total Fees Drawn from Accounts 9/30/2020	\$	109,869.75	\$ 3	2,226.00	\$ 9,102.00	\$ 151,197.75	
Nevada Fee Reimbursement	\$	71,066.97	\$ 2	0,844.72	\$ 5,887.44	\$ 97,799.13	
Less Voya Portion due for accounts less than \$1,000	\$	4,879.76	\$	1,017.22	\$ 756.58	\$ 6,653.56	
Nevada Total Reimbursement	\$	66,187.21	\$ 1	9,827.50	\$ 5,130.86	\$ 91,145.57	
Voya Fee	\$	43,682.54	\$ 1	2,398.50	\$ 3,971.14	\$ 60,052.18	



#### **State of Nevada Deferred Compensation Plan Admin Account**

Nevad Deferred					
Compens	ation	Gener	al I	edger- NDC	Administrative Account
Trade Date	Fund	Transaction	Ca	ash	Description
1/4/2018	Voya Fixed Account	Fee Paid	\$	(82,000.00)	INVOICE #NDCQ02-18
2/21/2018	Voya Fixed Account	Reimbursement	\$	82,475.41	4th Q 2017 Reimbursement
3/21/2018	Voya Fixed Account	Reimbursement	\$	96,277.50	1st Q 2018 Reimbursement
4/2/2018	Voya Fixed Account	Fee Paid	\$	1,500.00	1st Q 2018 Loan Fee Reimbursement of \$25.00 per Loan Issued
4/6/2018	Voya Fixed Account	Fee Paid	\$	(82,000.00)	INVOICE #NDCQ03-18
6/21/2018	Voya Fixed Account	Reimbursement	\$	94,957.50	2nd Q 2018 Reimbursement
7/2/2018	Voya Fixed Account	Fee Paid	\$	1,900.00	2nd Q 2018 Loan Fee Reimbursement of \$25.00 per Loan Issued
7/5/2018	Voya Fixed Account	Fee Paid	\$	(81,109.00)	INVOICE #NDCQ04-18
9/21/2018	Voya Fixed Account	Reimbursement	\$	93,847.50	3rd Q 2018 Reimbursement
9/27/2018	Voya Fixed Account	Fee Paid	\$	(108,404.75)	INVOICE #NDCQ01-19
10/4/2018	Voya Fixed Account	Reimbursement	\$	1,700.00	3rd Q 2018 Loan Fee Reimbursement of \$25.00 per Loan Issued
12/26/2018	Voya Fixed Account	Reimbursement	\$	92,715.00	4th Q 2018 Reimbursement
1/2/2018	Voya Fixed Account	Reimbursement	\$	1,250.00	4th Q 2018 Loan Fee Reimbursement of \$25.00 per Loan Issued
1/8/2019	Voya Fixed Account	Fee Paid	\$	(75,000.00)	INVOICE #NDCQ02-19
3/25/2019	Voya Fixed Account	Reimbursement	\$	99,345.00	1st Q 2019 Reimbursement
4/3/2019	Voya Fixed Account	Reimbursement	\$	1,075.00	1st Q 2019 Loan Fee Reimbursement of \$25.00 per Loan Issued
4/17/2019	Voya Fixed Account	Fee Paid	\$	75,000.00	INVOICE #NDCQ03-19
6/24/2019	Voya Fixed Account	Reimbursement	\$	98,205.00	2nd Q 2019 Reimbursement
7/8/2019	Voya Fixed Account	Reimbursement	\$	1,925.00	2nd Q 2019 Loan Fee Reimbursement of \$25.00 per Loan Issued
7/18/2019	Voya Fixed Account	Fee Paid	\$	150,000.00	INVOICE #NDCQ04-19
9/23/2019	Voya Fixed Account	Reimbursement	\$	96,930.00	3rd Q 2019 Reimbursement
10/21/2019	Voya Fixed Account	Fee Paid	\$	100,000.00	INVOICE #NDCQ01-20
10/25/2019	Voya Fixed Account	Reimbursement	\$	1,525.00	3rd Q 2019 Loan Fee Reimbursement of \$25.00 per Loan Issued
12/24/2019	Voya Fixed Account	Reimbursement	\$	107,865.00	4th Q 2019 Reimbursement
1/21/2020	Voya Fixed Account	Reimbursement	\$	15,937.50	Reimbursement of Fees not taken by Voya - 1st, 2nd and 3rd Q 2019
1/21/2020	Voya Fixed Account	Fee Paid	\$	123,000.00	INVOICE #NDCQ02-20 & INVOICE #NDCRFP08DOA-S514-2020
2/18/2020	Voya Fixed Account	Reimbursement	\$	1,850.00	4th Q 2019 Loan Fee Reimbursement of \$25.00 per Loan Issued
3/24/2020	Voya Fixed Account	Reimbursement	\$	83,889.55	1st Q 2020 Reimbursement
7/2/2020	Voya Fixed Account	Reimbursement	\$	89,048.23	2nd Q 2020 Reimbursement
7/2/2020	Voya Fixed Account	Fee Paid	\$	125,000.00	INVOICE #NDCQ04-20
10/2/2020	Voya Fixed Account	Reimbursement	\$	91,145.57	3rd Q 2020 Reimbursement
10/19/2020	Voya Fixed Account	Fee Paid	\$	125,000.00	INVOICE #NDCQ01-21
11/9/2020	Voya Fixed Account	Reimbursement	\$	325.00	October 2020 - Loan Fee Reimbursement of \$25.00 Per Loan Issued (13 Loans)

Funds credited to the Admin Reimbursement Account are invested in the Voya Fixed Account and Interest is Credited on a daily basis.

Current Credited Interest Rate is 3.10%

1st Q 2018 Interest Cedited - \$476.59

2nd Q 2018 Interest Credited - \$904.62

3rd Q 2018 Interest Credited - \$991.55

4th Q 2018 Interest Credited - \$940.58

1st Q 2019 Interest Credited - \$1,086.53

2nd Q 2019 Interest Credited - \$1,362.18

3rd Q 2019 Interest Credited - \$1,200.70 4th Q 2019 Interest Credited - \$1,115.47

1st Q 2020 Interest Credited - \$1,264.08

2nd Q 2020 Interest Credited - \$1,682.71

3rd Q 2020 Interest Credited - \$1,453.57

Balance as of 11/16/2020 \$155,238.50



#### **State of Nevada FICA Alternative Quarterly Fee Report**



#### **General Ledger- NDC FICA Administrative Account**

3rd Quarter 2020 Fees	625030
# of Accounts as of 9/30/2020	31961
Quarterly Fee	\$ 0.55
<b>Nevada Portion of Per Account Fee</b>	\$ 0.20
Voya Portion of Per Account Fee	\$ 0.35
Total Fees Drawn from Accounts 9/30/2020	\$ 17,566.62
Nevada Fee Portion	\$ 6,387.86
Voya Fee Portion	\$ 11,178.76



#### State of Nevada FICA Alternative Plan Admin Account



#### **General Ledger- NDC FICA Administrative Account**

1	rade Date	Fund	Transaction	Ca	ash	Description
	3/24/2020	Voya Fixed Account	Reimbursement	\$	6,128.89	1st Q 2020 Reimbursement
	7/2/2020	Voya Fixed Account	Reimbursement	\$	6,242.72	2nd Q 2020 Reimbursement
	10/2/2020	Vova Fixed Account	Reimbursement	Ś	6.387.86	3rd Q 2020 Reimbursement

Funds credited to the Admin Reimbursement Account are invested in the Voya Fixed Account and Interest is Credited on a daily basis.

Current Credited Interest Rate is 2.25%

1st Q 2020 Interest Cedited \$2.61

2nd Q 2020 Interest Cedited \$34.01

3rd Q 2020 Interest Credited \$69.37

Balance as of 11/13/2020 \$18,914.12

Tota	ıl 2020	) Enrolln	nents		llment arison				E	nrollm	ent	Break	down				
	EZ Enrollment	Enroll By Internet	Total	2019 Total	Difference	State	EZ Enrollment	Enroll By Internet	Total	Political Subdivision	EZ Enrollment	Enroll by Internet	Total	NSHE	EZ Enrollment	Enroll by Workday/Online	Total
Jan	83	70	153	166	-13	Jan	62	21	83	Jan	20	7	27	Jan	1	42	43
Feb	77	52	129	143	-14	Feb	65	30	95	Feb	12	0	12	Feb	0	22	22
Mar	42	20	62	103	-41	Mar	32	8	40	Mar	10	0	10	Mar	0	12	12
<b>Q1</b>	202	142	344	412	-68	<b>Q</b> 1	159	<b>59</b>	<b>218</b>	Q1	42	7	49	Q1	1	<b>76</b>	<b>77</b>
YTD	202	142	344	412	-68	YTD	159	59	218	YTD	42	7	49	YTD	1	<b>76</b>	77
Apr	29	18	47	338	-291	Apr	12	6	18	Apr	16	8	24	Apr	1	4	5
May	21	32	53	143	-90	May	10	5	15	May	10	5	15	May	1	22	23
Jun	31	19	50	138	-88	Jun	7	9	16	Jun	21	1	22	Jun	3	9	12
Q2	81	<b>69</b>	150	619	-469	Q2	<b>29</b>	20	49	Q2	47	14	<b>61</b>	Q2	5	35	40
YTD	283	211	494	1,031	-537	YTD	188	79	267	YTD	89	21	110	YTD	6	111	117
Jul	32	12	44	143	-99	Jul	21	6	27	Jul	11	1	12	Jul	0	5	5
Aug	36	23	59	76	-17	Aug	10	11	21	Aug	24	0	24	Aug	2	12	14
Sep	20	14	34	164	-130	Sep	16	0	16	Sep	4	0	4	Sep	0	14	14
Q3	88	49	137	383	-246	Q3	<b>47</b>	17	64	Q3	39	1	40	Q3	2	31	33
YTD	371	260	631	1,414	-783	YTD	235	96	331	YTD	128	22	150	YTD	8	142	150
Oct	27	26	53	158	-105	Oct	14	17	31	Oct	12	2	14	Oct	1	7	8
Nov	0	0	0	81	-81	Nov	0	0	0	Nov	0	0	0	Nov	0	0	0
Dec	0	0	0	116	-116	Dec	0	0	0	Dec	0	0	0	Dec	0	0	0
Q4	<b>27</b>	<b>26</b>	53	355	-302	Q4	14	17	31	Q4	12	2	14	Q4	1	7	8
Total	398	286	684	1,769	-1,085	Total	249	113	362	Total	140	24	164	Total	9	149	158

# **State of Nevada Loans**

2020		Loans persed Residental	New Dollars Dispersed	Loans Paid In Full	Loans Outstanding	Outstanding Balance	Principal Paid	Interest Paid	# Loans in Default	Loans \$ in Default	# Loans Deemed 1099R	Loan \$ Deemed 1099R
January	25	0	\$ 266,881.90	13	568	\$ 3,692,578.95	\$ 120,848.54	\$ 16,054.51	2	\$ 3,119.05	1	\$ 4,929.27
February	28	0	\$ 212,500.90	21	572	\$ 3,761,340.58	\$ 139,233.90	\$ 16,368.23	4	\$ 33,140.84	1	\$ 29,421.74
March	24	0	\$ 216,851.58	17	563	\$ 3,702,386.88	\$ 128,926.88	\$ 17,049.48	16	\$ 146,443.61	10	\$ 85,883.29
April	10	0	\$ 81,400.94	11	561	\$ 3,632,961.73	\$ 149,319.03	\$ 17,396.55	10	\$ 104,589.39	8	\$ 76,365.27
May	13	1	\$ 173,181.92	17	555	\$ 3,640,673.64	\$ 157,768.40	\$ 16,585.87	3	\$ 7,759.87	0	\$ -
June	20	2	\$ 368,029.47	15	549	\$ 3,811,486.23	\$ 113,841.38	\$ 16,076.37	2	\$ 82,319.16	11	\$ 70,715.18
July	23	4	\$ 188,360.86	10	564	\$ 3,806,063.65	\$ 164,643.08	\$ 16,274.72	7	\$ 61,175.13	5	\$ 33,347.68
August	29	3	\$ 274,530.10	12	586	\$ 3,919,394.15	\$ 157,890.67	\$ 16,399.40	2	\$ 2,556.78	1	\$ 2,162.39
September	11	0	\$ 82,085.58	16	582	\$ 3,846,836.27	\$ 147,095.40	\$ 16,204.71	9	\$ 86,391.08	2	\$ 465.13
October	15	0	\$ 133,600.88	21	579	\$ 3,816,213.87	\$ 162,549.00	\$ 16,339.44	4	\$ 25,434.14	1	\$ 2,390.07
November	0	0	\$ -	0	0	\$ -	\$ -	\$ -	0	\$ -	0	\$ -
December	0	0	\$ -	0	0	\$ -	\$ -	\$ -	0	\$ -	0	\$ -
YTD Total	198	10	\$ 1,997,424.13	153			\$ 1,442,116.28	\$ 164,749.28	59	\$ 552,929.05	40	\$305,680.02
YTD Total	198	10	\$ 1,997,424.13	153			\$ 1,442,116.28	\$ 164,749.28	59	\$ 552,929.05	40	\$305,680.02
		s Issued	\$ 1,997,424.13 General	153 Residental	Total Dollars Dispersed	Loans Paid In Full	\$ 1,442,116.28  Principal Paid	\$ 164,749.28  Interest Paid	# Loans in Default	\$ 552,929.05 Loan \$ in Default	# Loans Deemed	\$305,680.02 Loan \$ Deemed
Loan Totals Since Inception									# Loans in	Loan \$ in	# Loans	Loan \$
	Loans	s Issued 1,332	General	Residental	Dispersed \$ 11,843,441.32	Full 526	Principal Paid \$ 5,995,101.31	Interest Paid \$ 803,321.55	# Loans in Default 312	Loan \$ in Default \$ 2,086,768.39	# Loans Deemed	Loan \$ Deemed \$817,258.69
	Loans	s Issued	General	Residental	Dispersed	Full	Principal Paid	Interest Paid	# Loans in Default	Loan \$ in Default	# Loans Deemed	Loan \$ Deemed
	Loans	1,332 s Issued	General	Residental	Dispersed \$ 11,843,441.32  Dollars	526  Loans Paid In Full 3	Principal Paid \$ 5,995,101.31  Principal Paid	Interest Paid \$ 803,321.55	# Loans in Default 312 # Loans in	Loan \$ in Default \$ 2,086,768.39	# Loans Deemed 124 # Loans	Loan \$ Deemed  \$817,258.69
Loan Totals Since Inception 2015	Loans	1,332 s Issued 138 234	General  1,282  General  133 216	Residental  60  Residental  5 18	Dispersed \$ 11,843,441.32  Dollars Dispersed \$ 1,202,773.22 \$ 2,343,346.78	526  Loans Paid In Full 3 29	Principal Paid \$ 5,995,101.31  Principal Paid \$ 134,020.86 \$ 738,804.18	Interest Paid \$ 803,321.55  Interest Paid \$ 11,328.76 \$ 89,171.25	# Loans in Default  312  # Loans in Default 3 36	Loan \$ in Default  \$ 2,086,768.39  Loan \$ in Default \$ 35,663.52 \$ 219,679.51	# Loans Deemed 124 # Loans Deemed 0	Loan \$ Deemed  \$817,258.69  Loan \$ Deemed \$ \$ 75,346.87
Loan Totals Since Inception	Loans	1,332 s Issued	General General 133	Residental 60 Residental 5	Dispersed \$ 11,843,441.32  Dollars Dispersed \$ 1,202,773.22	526  Loans Paid In Full 3	Principal Paid \$ 5,995,101.31  Principal Paid \$ 134,020.86 \$ 738,804.18 \$ 114,768.04	Interest Paid \$ 803,321.55  Interest Paid \$ 11,328.76	# Loans in Default 312 # Loans in Default 3	Loan \$ in Default  \$ 2,086,768.39  Loan \$ in Default  \$ 35,663.52	# Loans Deemed 124 # Loans Deemed 0	Loan \$ Deemed  \$817,258.69  Loan \$ Deemed \$ -

# **Nye County Loans**

2020	Loans Paid In Full	Loans Outstanding	Outstanding Balance	Principal Paid	Interest Paid	# Loans in Default	Loans \$ in Default	# Loans Deemed	Loan \$ Deemed
January	0	9	\$ 51,660.37	\$ 1,675.92	\$ 223.62	1	\$ 4,882.51	0	\$ -
February	0	9	\$ 49,527.28	\$ 2,133.09	\$ 255.76	0	\$ -	0	\$ -
March	0	9	\$ 47,979.91	\$ 1,547.37	\$ 185.83	0	\$ -	0	\$ -
April	0	9	\$ 46,426.36	\$ 1,553.55	\$ 179.65	0	\$ -	0	\$ -
May	0	9	\$ 37,990.81	\$ 1,381.74	\$ 168.44	2	\$ 7,053.81	0	\$ -
June	0	7	\$ 36,603.50	\$ 1,387.31	\$ 162.87	0	\$ -	0	\$ -
July	0	7	\$ 35,210.53	\$ 1,392.97	\$ 157.21	0	\$ -	0	\$ -
August	1	6	\$ 33,812.44	\$ 1,550.18	\$ 152.09	0	\$ -	0	\$ -
September	1	5	\$ 32,467.11	\$ 1,439.08	\$ 188.18	0	\$ -	0	\$ -
October	0	5	\$ 31,317.22	\$ 1,149.48	\$ 140.58	0	\$ -	0	\$ -
November	0	0	\$ -	\$ -	\$ -	0	\$ -	0	\$ -
December	0	0	\$ -	\$ -	\$ -	0	\$ -	0	\$ -
YTD Total	2	9		\$ 15,210.69	\$ 1,814.23	3	\$ 11,936.32	0	\$ -

# Unforseen Emergencies

2020	State of Nevada		Dollars	Political Subdivision		Dollars		Nevada System of Higher Education		Dollars		Combined		Total Dollars		
2020	Paperwork Issued	UE's Dispersed	Dispersed	Paperwork Issued	UE's Dispersed		Dispersed	Paperwork Issued	UE's Dispersed	_	Dispersed	Paperwork Issued	UE's Dispersed		Dispersed	
January	16	11	\$ 65,838.55	3	3	\$	8,357.94	0	0	\$	-	19	14	\$	74,196.49	
February	25	8	\$ 6,320.84	1	0	\$	-	3	1	\$	5,244.53	29	9	\$	11,565.37	
March	10	8	\$ 22,138.61	0	0	\$	-	0	0	\$	-	10	8	\$	22,138.61	
April	18	12	\$ 182,746.87	0	0	\$	-	1	1	\$	10,000.00	19	13	\$	192,746.87	
May	29	23	\$ 310,147.92	2	2	\$	13,519.90	0	0	\$	-	31	25	\$	323,667.82	
June	63	27	\$ 555,925.40	5	4	\$	166,035.37	1	1	\$	6,394.95	69	32	\$	728,355.72	
July	52	24	\$ 340,782.86	5	5	\$	144,037.44	2	3	\$	14,285.15	59	32	\$	499,105.45	
August	56	43	\$ 507,093.50	1	1	\$	20,000.00	3	3	\$	25,403.40	60	47	\$	552,496.90	
September	41	38	\$ 339,438.42	9	7	\$	154,197.01	0	0	\$	-	50	45	\$	493,635.43	
October	36	35	\$ 315,909.33	6	6	\$	89,817.51	0	0	\$	-	42	41	\$	405,726.84	
November	0	0	\$ -	0	0	\$	-	0	0	\$	-	0	0	\$	-	
December	0	0	\$ -	0	0	\$	-	0	0	\$	-	0	0	\$	-	
Total	346	229	\$ 2,646,342.30	32	28	\$	595,965.17	10	9	\$	61,328.03	388	266	\$	3,303,635.50	



#### **STATE OF NEVADA**

457(b) Deferred Compensation and OBRA Plans

September 30, 2020 Performance Report

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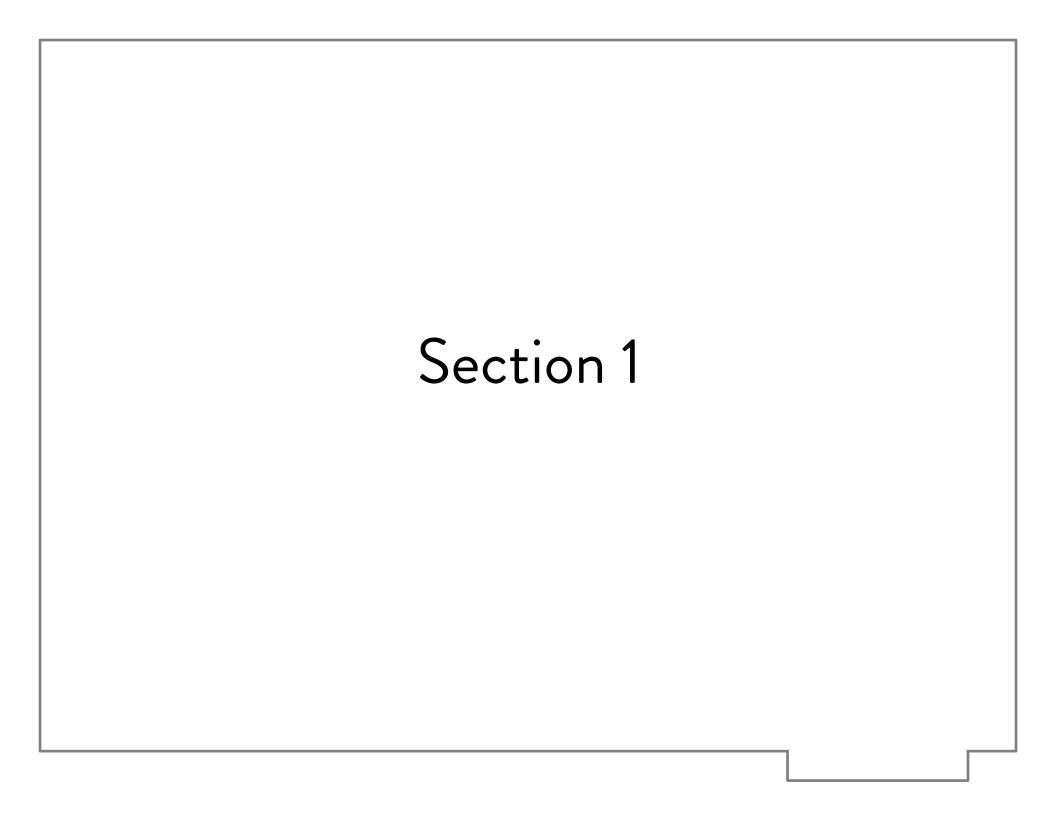
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#### THIRD QUARTER 2020 MARKETS AND ECONOMIC UPDATE

#### **CAUTIOUS TOLERANCE**

The Department of Labor (DOL) has a long history of written bulletins concerning Environment, Social and Governance (ESG) investment offerings. The messaging of these bulletins, which in our view constitute the most directly applicable fiduciary guidance within the US, generally states that the utilization of ESG factors as part of the broader investment research process is permitted, but that the pursuit of economic gains remains the primary fiduciary responsibility. This is mentioned to illustrate the cautious regulatory tolerance of ESG factor consideration in the broader research process, but that these ESG factors may not be considered ahead of purely economic factors.

Why doesn't the DOL fully embrace ESG offerings? A recent article published by the CFA Institute addresses the challenges of evaluating ESG performance results. "The argument that ESG factors lead to better long-term performance outcomes is much harder to prove than we might imagine. Academics have found a surprisingly low correlation between ESG ratings across providers. In other words, experts can't even agree on which firms have solid ESG credentials in the first place. Part of the problem is that the ESG umbrella encompasses so many different issues, whose salience is continually shifting." The lack of any industry standards makes performance comparisons and risk assessments very difficult and risks serving as an excuse for underperformance and higher fees.

Another salient point often made by industry professionals is that if ESG factors were unequivocally responsible for higher returns on capital and hence higher stock returns, both corporate management and investment managers would have a direct economic incentive to incorporate them into their everyday operations. There would be no need for dedicated ESG investment strategies, as all managers across the industry would seek to utilize the ESG factors to gain an advantage and those who didn't would likely underperform. It does appear that ESG data is becoming more readily available and increasingly considered across the industry. If ESG factor analysis can add value above other approaches, at the very least in certain market junctures, we would expect our investment managers' utilization of ESG factors to increase. However, it is plausible that ESG may not add value at various times and that constraining investment managers to employ ESG factors would run against participants' financial interests and the fiduciary imperative.

One of the lesser discussed challenges of evaluating ESG contributions to performance is causality. In simple terms, do higher ESG credentials drive higher returns on capital for companies, or do companies with higher returns on capital simply have the option to spend more on ESG initiatives? At the surface, it may be easy to make the case that many of today's fast-growing technology leaders have both high returns on capital and high ESG credentials. However, many of these are companies fairly early on in their business cycles with significant competitive advantages and few substitute products in the marketplace. As a result, these companies tend to generate higher than average returns on capital, potentially allowing them to invest higher amounts in managing ESG initiatives. Those seeking to market ESG investment products are likely to imply that ESG policies are key drivers of outsized returns. Traditional economic analysis may consider the ESG initiatives a byproduct of the company's unique competitive advantage. Isolating and quantifying causality is extremely important (and extremely difficult) when evaluating the true impact of ESG policies.

1

We ore encouraged by the increasing consideration of ESG factors across the broader investment industry. We expect this awareness to have a positive impact on the investment industry and potentially lead to better corporate practices and possibly even better returns on capital. That said, the historical and proposed fiduciary standards from the DOL emphasize that economic factors must still come first and that ESG or other non-economic factors are secondary. The industry's failure to clearly define what constitutes high ESG standards and effectively quantify causality makes evaluating any contribution to returns extremely difficult and longer-term performance comparisons remain inconclusive.

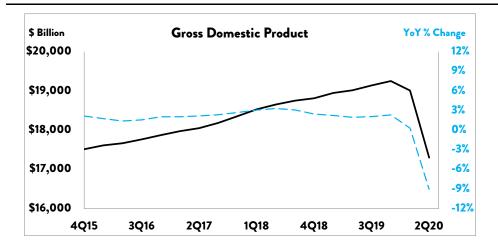
#### GLOBAL ECONOMIC LANDSCAPE

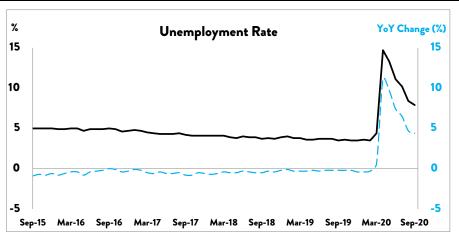
- The domestic financial markets continue to focus on prospects for a new fiscal stimulus bill. Negotiations continue to be stalled as the two political parties seek to find middle ground. The Republicans more recently offered a \$1.8 trillion stimulus package coming close to the \$2.2 trillion package supported by the Democratic party. The Trump administration is focused on short-term payroll assistance to US airline companies. The US Travel Association is on record stating that 1.3 million additional jobs (roughly 50% of all travel-support staff jobs) are at risk without immediate aid.
- September unemployment rates fell to 7.9% nationally, down from a pandemic peak of nearly 15%. Home sales continued at a brisk pace buoyed by declining mortgage rates, which ended the quarter below 3.0%. After falling in the second quarter, prices (inflation) stabilized during the third quarter.
- The Fed left the fed funds rate unchanged during its July meeting. They did state they expected interest rates to remain low through 2023 and they will support rates near zero until inflation can exceed 2% for a sustained period of time. The Fed's open market support of credit markets is expected to suppress nominal yields and keep credit spreads tightly range bound. This is especially the case for shorter-doted fixed income securities.
- International economies continue to rebound as global COVID restrictions are eased. Brazil is seeing one of the strongest global rebounds with retail sales rising 4.6% in August after rising 7.1% in July. Retail sales are now running above pre-pandemic levels. India has also shown significant economic improvements with manufacturing indicators rising to 49.8 in September from 46.0 in August.

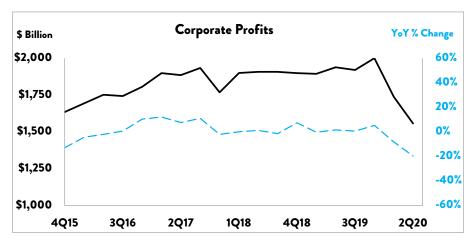
#### **GLOBAL FINANCIAL MARKETS**

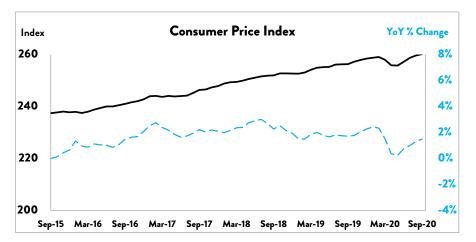
- The stock market rally continued in the third quarter despite a September sell-off led by big name technology stocks. The Nasdaq-100 Index (large cop technology index) continued its reign of dominance over broader large-cap indexes, gaining 12.6% during the quarter compared to an 8.9% gain for the S&P 500 Index. The Nosdaq-100 Index's outperformance continued a long-term trend that has seen it return 20.4% on an annual basis for the 10-year period ended September 30, 2020 against a 13.7% annual return for the S&P 500 Index over the same period.
- Investors witnessed a significant divergence in global stock market leadership this quarter. While large cap stocks continued to dominate US markets, small cop stocks provided leadership across many international markets. International small cop stocks outperformed the broader international markets by over 4.0% during the quarter and now nearly 2.0% YTD.
- Global currency markets remain highly volatile as extensive global fiscal and monetary policies continue to address the challenges of a global pandemic. The US Dollar Index declined by 3.6% in the third quarter, reflecting better relative economic results in other parts of the world.

#### 3Q2020 Economic Data









Labor Mar	Labor Market Statistics (Monthly)									
Category	Recent	5-Yr High	5-Yr Low	5-Yr Avg.	Date					
Jobs Added/Lost Monthly	661,000	4,781,000	-20,787,000	300	Sep-20					
Unemployment Rate	7.9%	14.7%	3.5%	4.9%	Sep-20					
Median Unemployment Length (Weeks)	18.2	18.2	4.0	10.0	Sep-20					
Average Hourly Earnings	\$29.47	\$30.03	\$25.20	\$27.05	Sep-20					

Key:

--- Year-Over-Year Change

Other Pri	ces and In	dexes (Moi	nthly)		
Category	Recent	5-Yr High	5-Yr Low	% Off Peak	Date
Gas: Price per Gallon	\$2.17	\$2.88	\$1.79	-24.9%	Sep-20
Spot Oil	\$39.63	\$70.98	\$16.55	-44.2%	Sep-20
Case-Shiller Home Price Index	224.7	224.7	180.0	24.8%*	Jul-20
Medical Care CPI	523.5	523.6	450.6	16.2%*	Sep-20

**Economic Series** 

Source: Federal Reserve Bank of St. Louis and Bureau of Labor Statistics

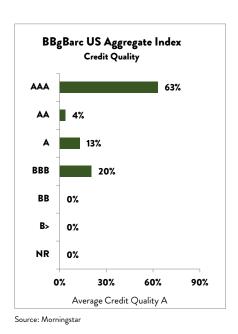
<sup>\*%</sup> Off Low

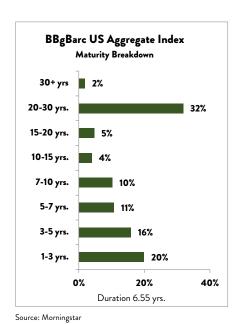
#### 3Q2020 Bond Market Data

Index	QTR	YTD	1 yr.	3 yrs.	5 yrs.	10 yrs.
90-Day T-Bill	0.03%	0.34%	0.75%	1.58%	1.14%	0.60%
BBgBarc US Aggregate	0.62%	6.79%	6.98%	5.24%	4.18%	3.64%
BBgBarc Short US Treasury	0.05%	0.92%	1.43%	1.83%	1.31%	0.74%
BBgBarc Int. US Treasury	0.19%	6.02%	6.03%	4.06%	2.77%	2.34%
BBgBarc Long US Treasury	0.12%	21.35%	16.34%	11.87%	8.21%	7.21%
BBgBarc US TIPS	3.03%	9.22%	10.08%	5.79%	4.61%	3.57%
BBgBarc US Credit	1.50%	6.39%	7.50%	6.19%	5.75%	4.92%
BBgBarc US Mortgage-Backed	0.11%	3.62%	4.36%	3.68%	2.98%	3.01%
BBgBarc US Asset-Backed	0.79%	4.14%	4.55%	3.47%	2.68%	2.40%
BBgBarc US 20-Yr Municipal	1.38%	3.46%	4.13%	5.17%	4.74%	4.99%
BBgBarc US High Yield	4.60%	0.62%	3.25%	4.21%	6.79%	6.47%
BBgBarc Global	2.66%	5.72%	6.24%	4.10%	3.92%	2.36%
BBgBarc International	4.14%	4.77%	5.48%	3.07%	3.60%	1.35%
BBgBarc Emerging Market	2.37%	1.93%	4.06%	4.21%	6.18%	5.42%

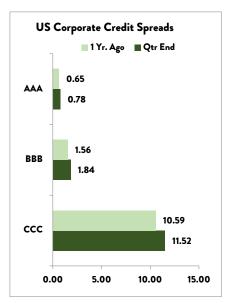


Source: Department of US Treasury





BBgBarc US Aggregate Index Sector Breakdown **US Government** Municipal 1% Corporate 29% Agency MBS 22% Non-Agency MBS **CMBS** 1% Other 1% 0% 50%



Source: Morningstar

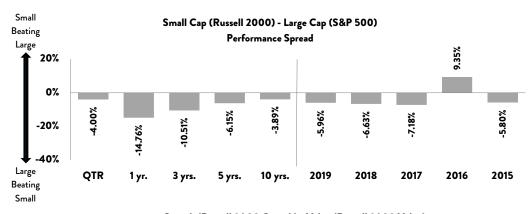
Source: Federal Reserve / Bank of America

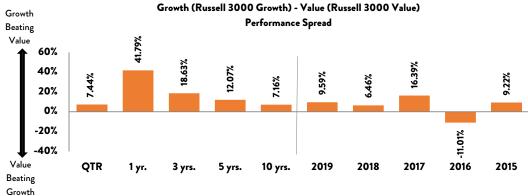
#### 3Q2020 US Equity Market Data

Sec	tors Weig	hts/Returns (ranked by qua	rter performanc	e)	
	Wgt.	Sector	QTR	YTD	1 yr.
	12%	Consumer Discretionary	15.06%	23.38%	28.89%
	3%	Materials	13.31%	5.47%	12.19%
	8%	Industrials	12.48%	-3.99%	1.32%
dex	28%	Information Technology	11.95%	28.69%	47.23%
S&P 500 Index	7%	Consumer Staples	10.38%	4.13%	7.79%
20(	11%	Communication Services	8.94%	8.60%	18.37%
%P	3%	Utilities	6.14%	-5.68%	-4.97%
0,	14%	Health Care	5.87%	5.01%	20.11%
	10%	Financials	4.45%	-20.22%	-11.87%
	3%	Real Estate	1.92%	-6.78%	-7.28%
	2%	Energy	-19.72%	-48.09%	-45.24%
	Wgt.	Sector	QTR	YTD	1 yr.
	16%	Consumer Discretionary	13.80%	6.99%	15.29%
	4%	Consumer Staples	10.73%	9.10%	12.40%
Midcap 400 Index	18%	Industrials	10.19%	-4.24%	3.80%
0	6%	Materials	6.73%	-8.70%	-2.41%
40	16%	Information Technology	5.47%	1.00%	12.35%
dcap	11%	Health Care	3.65%	9.45%	21.53%
Ξ	2%	Communication Services	0.24%	-16.30%	-13.10%
S&P	9%	Real Estate	-2.08%	-26.15%	-24.12%
0,	14%	Financials	-2.85%	-25.94%	-22.13%
	4%	Utilities	-4.27%	-24.35%	-25.94%
	1%	Energy	-11.09%	-53.04%	-46.82%
	Wgt.	Sector	QTR	YTD	1 yr.
	15%	Consumer Discretionary	14.40%	-0.62%	6.19%
×	14%	Health Care	9.17%	2.36%	16.75%
<del>p</del>	18%	Industrials	6.53%	-12.28%	-5.91%
00	5%	Materials	2.13%	-16.00%	-9.75%
S&P Smallcap 600 Index	4%	Consumer Staples	1.57%	-6.79%	1.16%
<u></u>	14%	Information Technology	-0.58%	-9.82%	0.73%
Smile	8%	Real Estate	-1.43%	-26.22%	-24.17%
<b>∞</b>	16%	Financials	-3.60%	-31.48%	-26.10%
S	3%	Communication Services	-5.89%	-2.82%	-0.08%
	3%	Energy	-9.68%	-58.94%	-56.27%
	2%	Utilities	-10.02%	-22.69%	-22.64%

#### Index Performance Data

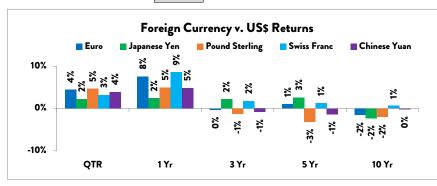
					Annualized	
Index	QTR	YTD	1 yr.	3 yrs.	5 yrs.	10 yrs.
S&P 500	8.93%	5.57%	15.15%	12.28%	14.15%	13.74%
Russell 1000 Value	5.59%	-11.58%	-5.03%	2.63%	7.66%	9.95%
Russell 1000 Growth	13.22%	24.33%	37.53%	21.67%	20.10%	17.25%
Russell Mid Cap	7.46%	-2.35%	4.55%	7.13%	10.13%	11.76%
Russell Mid Cap Value	6.40%	-12.84%	-7.30%	0.82%	6.38%	9.71%
Russell Mid Cap Growth	9.37%	13.92%	23.23%	16.23%	15.53%	14.55%
Russell 2000	4.93%	-8.69%	0.39%	1.77%	8.00%	9.85%
Russell 2000 Value	2.56%	-21.54%	-14.88%	-5.13%	4.11%	7.09%
Russell 2000 Growth	7.16%	3.88%	15.71%	8.18%	11.42%	12.34%
Russell 3000	9.21%	5.41%	15.00%	11.65%	13.69%	13.48%
DJ US Select REIT	0.83%	-21.36%	-22.33%	-1.85%	1.99%	7.03%



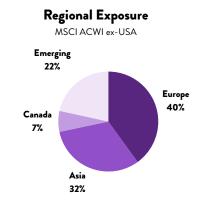


#### 3Q2020 International Market Data

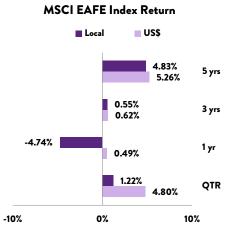
Index Performance Data (net)							
Index (US\$)	QTR	YTD	1 yr.	3 yrs.	5 yrs.	10 yrs.	
MSCI ACWI ex-US	6.25%	-5.44%	3.00%	1.16%	6.23%	4.00%	
MSCI EAFE	4.80%	-7.09%	0.49%	0.62%	5.26%	4.62%	
Europe	4.51%	-8.85%	-0.79%	-0.61%	4.24%	4.26%	
United Kingdom	-0.23%	-23.44%	-15.82%	-5.61%	-0.42%	2.02%	
Germany	8.32%	0.06%	9.96%	-1.13%	5.85%	5.29%	
France	2.76%	-13.53%	-6.18%	-1.26%	5.42%	4.09%	
Pacific	5.39%	-4.10%	2.63%	2.81%	7.33%	5.39%	
Japan	6.94%	-0.68%	6.91%	3.94%	7.51%	6.20%	
Hong Kong	1.56%	-8.34%	-1.64%	-0.22%	6.59%	5.46%	
Australia	2.82%	-11.52%	-7.72%	0.73%	7.06%	3.30%	
Canada	6.16%	-7.55%	-3.03%	0.58%	6.01%	2.05%	
MSCI EM	9.56%	-1.16%	10.54%	2.42%	8.97%	2.50%	
MSCI EM Latin America	-1.28%	-36.06%	-29.36%	-11.84%	2.06%	-5.74%	
MSCI EM Asia	11.92%	8.01%	21.52%	5.67%	11.30%	5.45%	
MSCI EM Eur/Mid East	1.02%	-19.18%	-12.31%	-2.59%	3.30%	-2.89%	
MSCI ACWI Value ex-US	2.28%	-17.60%	-10.83%	-5.09%	2.14%	1.50%	
MSCI ACWI Growth ex-US	10.16%	7.27%	17.54%	7.33%	10.16%	6.38%	
MSCI ACWI Sm Cap ex-US	10.50%	-3.64%	6.97%	0.93%	6.80%	5.31%	

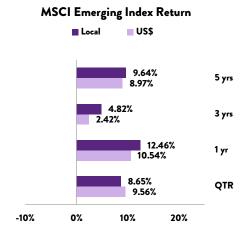


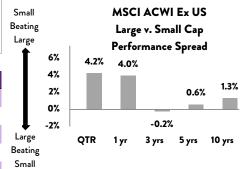
Exchange Rates	QTR	2Q20	1Q20	4Q19	3Q19	2Q19
Japanese Yen	105.58	107.77	107.53	108.67	108.11	107.84
Euro	0.85	0.89	0.91	0.89	0.92	0.88
British Pound	0.77	0.81	0.80	0.75	0.81	0.79
Swiss Franc	0.92	0.95	0.96	0.97	1.00	0.98
Chinese Yuan	6.79	7.07	7.08	6.96	7.15	6.87

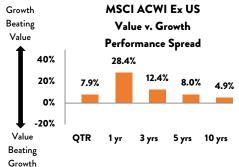












#### Historical Market Returns

Ranked by Performance

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	3Q20
Emerging Markets 34.00%	Emerging Markets 32.14%	Emerging Markets 39.42%	US Bonds 5.24%	Emerging Markets 78.51%	Small Cap 26.85%	Core Real Estate 14.96%	Emerging Markets 18.22%	Small Cap 38.82%	Large Cap 13.68%	Core Real Estate 13.95%	Small Cap 21.30%	Emerging Markets 37.28%	Core Real Estate 7.36%	Large Cap 31.49%	TIPS 9.22%	Emerging Markets 9.56%
Commod. 21.36%	Intl 26.65%	Intl 16.65%	Global Bonds 4.79%	High Yield 58.21%	Mid Cap 25.48%	TIPS 13.56%	Mid Cap 17.28%	Mid Cap 34.76%	Mid Cap 13.21%	Large Cap 1.38%	High Yield 17.12%	Intl 27.19%	Cash 1.69%	Mid Cap 30.54%	US Bonds 6.79%	Commod. 9.07%
Core Real Estate 20.15%	Small Cap 18.37%	Commod. 16.23%	Cash 1.39%	Intl 41.45%	Emerging Markets 18.88%	US Bonds 7.84%	Intl 16.83%	Large Cap 32.39%	Core Real Estate 11.44%	US Bonds 0.55%	Mid Cap 13.79%	Large Cap 21.83%	US Bonds 0.01%	Small Cap 25.52%	Global Bonds 5.72%	Large Cap 8.93%
Intl 16.62%	Large Cap 15.79%	Core Real Estate 14.84%	TIPS -2.35%	Mid Cap 40.48%	Commod. 16.83%	Global Bonds 5.64%	Small Cap 16.35%	Intl 15.29%	US Bonds 5.97%	Cash 0.03%	Large Cap 11.95%	Mid Cap 18.52%	Global Bonds -1.20%	Intl 21.51%	Large Cap 5.57%	Mid Cap 7.46%
Mid Cap 12.65%	Core Real Estate 15.27%	TIPS 11.64%	Core Real Estate -10.70%	Small Cap 27.17%	Core Real Estate 15.26%	High Yield 4.98%	Large Cap 16.00%	Global Balanced 14.46%	Small Cap 4.89%	TIPS -1.43%	Commod. 11.76	Global Balanced 15.87%	TIPS -1.26%	Global Balanced 18.86%	Global Balanced 4.02%	Intl 6.25%
Large Cap 4.91%	Mid Cap 15.26%	Global Bonds 9.48%	Global Balanced -24.51%	Large Cap 26.46%	High Yield 15.12%	Large Cap 2.11%	High Yield 15.81%	Core Real Estate 12.95%	TIPS 3.64%	Global Balanced -1.45%	Emerging Markets 11.18%	Small Cap 14.65%	High Yield -2.08%	Emerging Markets 18.42%	High Yield 0.62%	Global Balanced 5.69%
Small Cap 4.55%	Global Balanced 14.53%	Global Balanced 9.07%	High Yield -26.16%	Global Balanced 20.49%	Large Cap 15.06%	Cash 0.06%	Global Balanced 11.06%	High Yield 7.44%	Global Balanced 3.17%	Mid Cap -2.43%	Core Real Estate 7.76%	High Yield 7.50%	Large Cap -4.38%	High Yield 14.32%	Cash 0.34%	Small Cap 4.93%
Global Balanced 4.16%	High Yield 11.85%	US Bonds 6.97%	Small Cap -33.79%	Commod. 18.91%	Intl 11.15%	Global Balanced -0.97%	Core Real Estate 9.76%	Cash 0.07%	High Yield 2.45%	Global Bonds -3.15%	Global Balanced 5.38%	Global Bonds 7.39%	Global Balanced -5.30%	US Bonds 8.72%	Core Real Estate -0.75%	High Yield 4.60%
Cash 3.25%	Global Bonds 6.64%	Mid Cap 5.60%	Commod35.65%	TIPS 11.41%	Global Balanced 9.40%	Mid Cap -1.55%	TIPS 6.98%	US Bonds -2.02%	Global Bonds 0.59%	Small Cap 4.41%	TIPS 4.68%	Core Real Estate 6.66%	Mid Cap -9.06%	TIPS 8.43%	Emerging Markets -1.16%	TIPS 3.03%
TIPS 2.84%	Cash 4.85%	Large Cap 5.49%	Large Cap -37.00%	Global Bonds 6.93%	US Bonds 6.54%	Small Cap -4.18%	Global Bonds 4.32%	Global Bonds -2.60%	Cash 0.04%	High Yield -4.46%	Intl 4.50%	US Bonds 3.54%	Small Cap 11.01%	Commod. 7.69%	Mid Cap -2.35%	Global Bonds 2.66%
High Yield 2.74%	US Bonds 4.33%	Cash 4.44%	Mid Cap -41.46%	US Bonds 5.93%	TIPS 6.31%	Commod13.32%	US Bonds 4.21%	Emerging Markets -2.60%	Emerging Markets -2.18%	Intl 5.66%	US Bonds 2.65%	TIPS 3.01%	Commod11.25%	Global Bonds 6.84%	Intl 5.44%	US Bonds 0.62%
US Bonds 2.43%	Commod. 2.07%	High Yield 1.87%	Intl 45.53%	Cash 0.16%	Global Bonds 5.54%	Intl -13.71%	Cash 0.08%	TIPS -8.61%	Intl 3.86%	Emerging Markets -14.90%	Global Bonds 2.09%	Commod. 1.70%	Intl -14.20%	Core Real Estate 4.41%	Small Cap 8.69%	Core Real Estate 0.27%
Global Bonds -4.49%	TIPS 0.41%	Small Cap -1.57%	Emerging Markets -53.33%	Core Real Estate -30.40%	Cash 0.15%	Emerging Markets -18.42%	Commod1.06%	Commod9.52%	Commod17.00%	Commod24.60%	Cash 0.25%	Cash 0.71%	Emerging Markets -14.58%	Cash 2.30%	Commod12.08%	Cash 0.03%

Global Balanced is composed of 60% MSCI World Stock Index, 35% BBgBarc Global Aggregate Bond Index, and 5% US 90-Day T-Bills.

Section 2

### **PLAN ASSET ALLOCATION**

Third Quarter 2020

Combined 457(b) DC Plans

Fixed Income	Ticker	Assets	%
Voya Fixed Account	-	\$338,286,038	36.3%
Vanguard Total Bond Market Index I	VBTIX	\$26,307,874	2.8%
	Total	\$364,593,912	39.1%

Large Cap	Ticker	Assets	%
MFS Value R4	WEIJX	\$16,887,050	1.8%
Vanguard Institutional Index Instl	VINIX	\$107,196,040	11.5%
T. Rowe Price Growth Stock I	PRUFX	\$83,357,269	8.9%
	Total	\$207,440,359	22.2%

Mid Cap	Ticker	Assets	%
Vanguard Mid-Cap Value Index Adm	VMVAX	\$2,833,311	0.3%
Hartford MidCap HLS IA	HIMCX	\$50,238,602	5.4%
Vanguard Extended Market Index Instl	VIEIX	\$52,502,511	5.6%
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$18,802,869	2.0%
	Total	\$124,377,293	13.3%

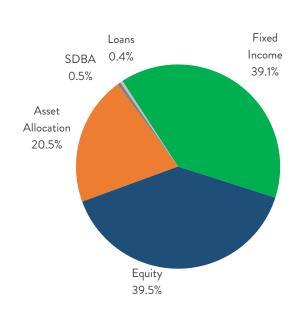
International	Ticker	Assets	%
Vanguard Developed Markets Index Instl	VTMNX	\$29,321,518	3.1%
American Funds EuroPacific Growth R6	RERGX	\$6,931,802	0.7%
	Total	\$36,253,319	3.9%

Asset Allocation	Ticker	Assets	%
Vanguard Instl Target Retirement Income Instl	VITRX	\$17,068,740	1.8%
Vanguard Instl Target Retirement 2015 Instl	VITVX	\$33,643,367	3.6%
Vanguard Instl Target Retirement 2020 Instl	VITWX	\$11,041,628	1.2%
Vanguard Instl Target Retirement 2025 Instl	VRIVX	\$41,624,898	4.5%
Vanguard Instl Target Retirement 2030 Instl	VTTWX	\$11,209,338	1.2%
Vanguard Instl Target Retirement 2035 Instl	VITFX	\$43,775,398	4.7%
Vanguard Instl Target Retirement 2040 Instl	VIRSX	\$5,263,786	0.6%
Vanguard Instl Target Retirement 2045 Instl	VITLX	\$19,337,570	2.1%
Vanguard Instl Target Retirement 2050 Instl	VTRLX	\$2,237,117	0.2%
Vanguard Instl Target Retirement 2055 Instl	VIVLX	\$4,769,902	0.5%
Vanguard Instl Target Retirement 2060 Instl	VILVX	\$810,647	0.1%
Vanguard Instl Target Retirement 2065 Instl	VSXFX	\$494,796	0.1%
	Total	\$191,277,186	20.5%

Miscellaneous	Ticker	Assets	%
Self-Directed Brokerage Account	1	\$4,554,106	0.5%
Participant Loans	-	\$3,879,309	0.4%
	Total	\$8,433,415	0.9%

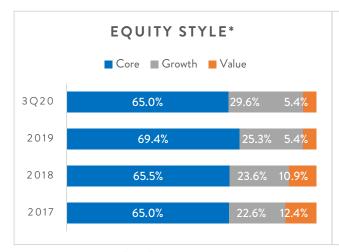
TOTAL PLAN ASSETS \$932,375,483
Administrative Account Balance \$173,631

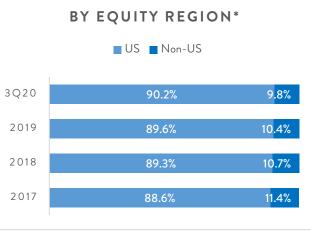
### Combined 457(b) DC Plans

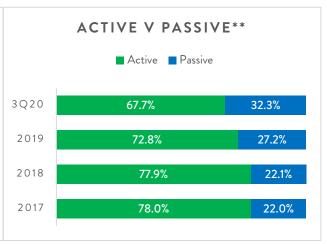


### HISTORICAL PLAN ALLOCATION

Asset Class	3Q20	2019	2018	2017	2016	2015	2014	2013
Fixed Income	39.1%	38.1%	43.8%	41.5%	N/A	N/A	N/A	N/A
Large Cap	22.2%	21.8%	18.8%	20.4%	N/A	N/A	N/A	N/A
Mid Cap	13.3%	14.4%	13.4%	14.2%	N/A	N/A	N/A	N/A
International	3.9%	4.2%	4.0%	4.4%	N/A	N/A	N/A	N/A
Asset Allocation	20.5%	20.7%	19.2%	18.7%	N/A	N/A	N/A	N/A
SDBA	0.5%	0.4%	0.3%	0.3%	N/A	N/A	N/A	N/A
Loans	0.4%	0.4%	0.5%	0.4%	N/A	N/A	N/A	N/A







<sup>\*</sup>Excludes Fixed Income, Asset Allocation, Brokerage, and Loan assets

<sup>\*\*</sup>Excludes Asset Allocation, Brokerage, and Loan assets

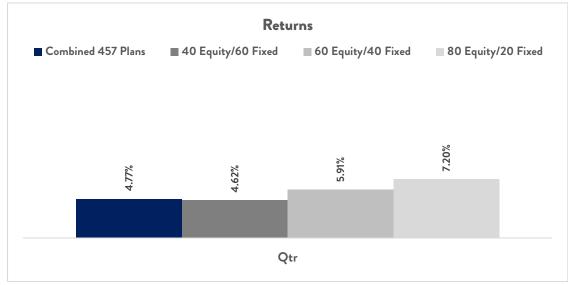
Combined 457(b) DC Plans

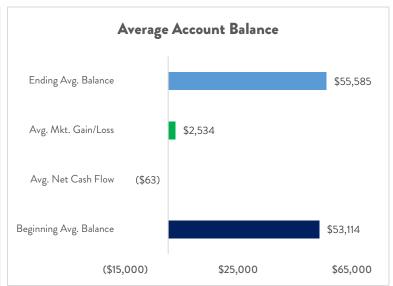
### **PLAN LEVEL CASH FLOWS**

		Cash Flow	Cash Flow		Market	
	Beginning Value	(+)	(-)	Transfer	Gain/Loss	Ending Value
Fixed Income	\$359,156,030	\$3,745,132	(\$6,848,443)	\$5,796,558	\$2,744,635	\$364,593,912
Large Cap	\$190,600,649	\$2,531,110	(\$2,845,965)	(\$1,693,196)	\$18,847,762	\$207,440,359
Mid Cap	\$118,510,647	\$1,602,165	(\$1,424,890)	(\$3,112,329)	\$8,801,699	\$124,377,293
International	\$33,667,046	\$604,293	(\$309,759)	\$151,839	\$2,139,900	\$36,253,319
Asset Allocation	\$181,420,483	\$5,548,872	(\$3,689,605)	(\$1,505,422)	\$9,502,857	\$191,277,186
SDBA	\$3,859,341	\$0	\$0	\$404,039	\$290,726	\$4,554,106
Total	\$887,214,196	\$14,031,572	(\$15,118,662)	\$41,489	\$42,327,580	\$928,496,174

### **HISTORICAL PLAN CASH FLOWS**

			Market	
	Beginning Value	Net Cash Flow	Gain/Loss	Ending Value
3Q20	\$887,214,196	(\$1,045,601)	\$42,327,580	\$928,496,174
YTD	\$890,766,732	\$1,611,461	\$36,117,981	\$928,496,174
2019	\$771,229,524	(\$7,494,189)	\$127,031,396	\$890,766,732
2018	\$801,580,360	(\$9,496,515)	(\$20,854,320)	\$771,229,524
2017	\$719,232,369	(\$3,029,859)	\$85,377,850	\$801,580,360
2016	N/A	N/A	N/A	N/A





Equity Indices: Russell 3000, MSCI ACWI ex USA; Fixed Indices: US Treasury 3 Mo T-Bill, BBgBarc Global Aggregate Bond (rebalanced quarterly)

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### STATE EMPLOYEES PLAN

### **PLAN ASSET ALLOCATION**

Third Quarter 2020

457(b) Deferred	Compensat	tion Plan
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Fixed Income	Ticker	Assets	%
Voya Fixed Account	1	\$242,150,464	38.4%
Vanguard Total Bond Market Index I	VBTIX	\$15,450,943	2.5%
	Total	\$257,601,407	40.9%

Large Cap	Ticker	Assets	%
MFS Value R4	MEIJX	\$10,753,590	1.7%
Vanguard Institutional Index Instl	VINIX	\$68,895,163	10.9%
T. Rowe Price Growth Stock I	PRUFX	\$53,872,320	8.5%
	Total	\$133,521,073	21.2%

Mid Cap	Ticker	Assets	%
Vanguard Mid-Cap Value Index Adm	VMVAX	\$1,880,211	0.3%
Hartford MidCap HLS IA	HIMCX	\$36,822,260	5.8%
Vanguard Extended Market Index Instl	VIEIX	\$30,673,331	4.9%
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$11,641,005	1.8%
	Total	\$81,016,807	12.9%

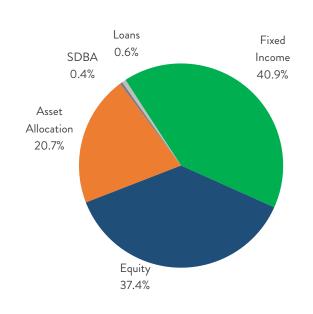
International	Ticker	Assets	%
Vanguard Developed Markets Index Instl	VTMNX	\$16,847,142	2.7%
American Funds EuroPacific Growth R6	RERGX	\$4,304,553	0.7%
	Total	\$21,151,696	3.4%

Asset Allocation	Ticker	Assets	%
Vanguard Instl Target Retirement Income Instl	VITRX	\$12,608,577	2.0%
Vanguard Instl Target Retirement 2015 Instl	VITVX	\$26,842,457	4.3%
Vanguard Instl Target Retirement 2020 Instl	VITWX	\$6,511,523	1.0%
Vanguard Instl Target Retirement 2025 Instl	VRIVX	\$26,963,331	4.3%
Vanguard Instl Target Retirement 2030 Instl	VTTWX	\$6,275,672	1.0%
Vanguard Instl Target Retirement 2035 Instl	VITFX	\$31,475,680	5.0%
Vanguard Instl Target Retirement 2040 Instl	VIRSX	\$3,128,500	0.5%
Vanguard Instl Target Retirement 2045 Instl	VITLX	\$11,520,326	1.8%
Vanguard Instl Target Retirement 2050 Instl	VTRLX	\$1,132,352	0.2%
Vanguard Instl Target Retirement 2055 Instl	VIVLX	\$3,129,125	0.5%
Vanguard Instl Target Retirement 2060 Instl	VILVX	\$485,361	0.1%
Vanguard Instl Target Retirement 2065 Instl	VSXFX	\$349,888	0.1%
	Total	\$130,422,792	20.7%

Miscellaneous	Ticker	Assets	%
Self-Directed Brokerage Account	-	\$2,654,976	0.4%
Participant Loans	-	\$3,846,842	0.6%
	Total	\$6,501,817	1.0%

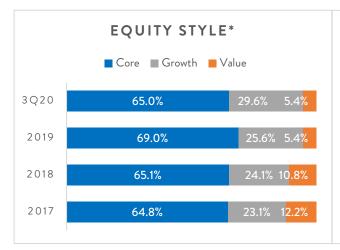
**TOTAL PLAN ASSETS** \$630,215,593
Administrative Account Balance \$154,733

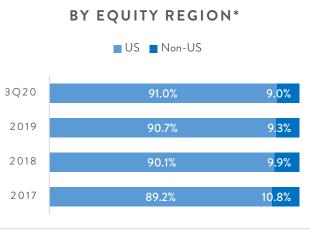
### 457(b) Deferred Compensation Plan

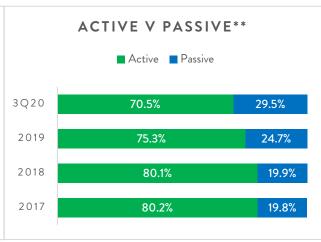


### HISTORICAL PLAN ALLOCATION

Asset Class	3Q20	2019	2018	2017	2016	2015	2014	2013
Fixed Income	40.9%	40.1%	44.9%	42.8%	N/A	N/A	N/A	N/A
Large Cap	21.2%	20.6%	18.6%	19.1%	N/A	N/A	N/A	N/A
Mid Cap	12.9%	13.8%	12.6%	13.6%	N/A	N/A	N/A	N/A
International	3.4%	3.5%	3.4%	4.0%	N/A	N/A	N/A	N/A
Asset Allocation	20.7%	21.1%	19.4%	19.6%	N/A	N/A	N/A	N/A
SDBA	0.4%	0.3%	0.3%	0.3%	N/A	N/A	N/A	N/A
Loans	0.6%	0.6%	0.7%	0.6%	N/A	N/A	N/A	N/A







<sup>\*</sup>Excludes Fixed Income, Asset Allocation, Brokerage, and Loan assets

<sup>\*\*</sup>Excludes Asset Allocation, Brokerage, and Loan assets

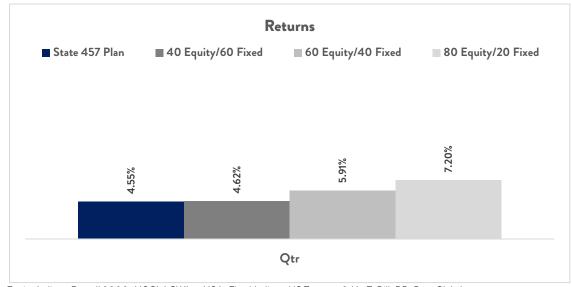
457(b) Deferred Compensation Plan

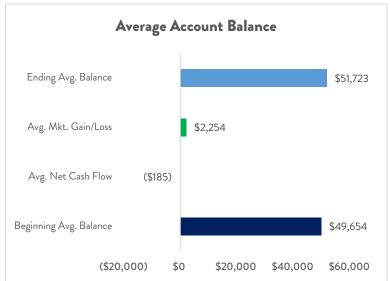
### **PLAN LEVEL CASH FLOWS**

		Cash Flow	Cash Flow		Market	
	Beginning Value	(+)	(-)	Transfer	Gain/Loss	Ending Value
Fixed Income	\$256,824,711	\$2,637,248	(\$4,919,067)	\$1,102,566	\$1,955,950	\$257,601,407
Large Cap	\$122,098,947	\$1,600,447	(\$2,124,054)	(\$152,275)	\$12,098,008	\$133,521,073
Mid Cap	\$76,045,584	\$953,011	(\$1,071,451)	(\$355,021)	\$5,444,685	\$81,016,807
International	\$19,331,299	\$319,107	(\$256,420)	\$516,817	\$1,240,893	\$21,151,696
Asset Allocation	\$124,596,991	\$3,503,295	(\$2,909,325)	(\$1,162,563)	\$6,394,394	\$130,422,792
SDBA	\$2,417,649	\$0	\$0	\$78,994	\$158,333	\$2,654,976
Total	\$601,315,181	\$9,013,109	(\$11,280,317)	\$28,517	\$27,292,262	\$626,368,751

### **HISTORICAL PLAN CASH FLOWS**

			Market	
	Beginning Value	Net Cash Flow	Gain/Loss	Ending Value
3Q20	\$601,315,181	(\$2,238,692)	\$27,292,262	\$626,368,751
YTD	\$608,234,330	(\$5,751,930)	\$23,886,352	\$626,368,751
2019	\$537,863,111	(\$14,358,576)	\$84,729,795	\$608,234,330
2018	\$562,293,890	(\$11,362,468)	(\$13,068,311)	\$537,863,111
2017	\$509,420,746	(\$5,785,533)	\$58,658,678	\$562,293,890
2016	N/A	N/A	N/A	N/A





Equity Indices: Russell 3000, MSCI ACWI ex USA; Fixed Indices: US Treasury 3 Mo T-Bill, BBgBarc Global Aggregate Bond (rebalanced quarterly)

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### **POLITICAL SUBDIVISIONS**

### **PLAN ASSET ALLOCATION**

Third Quarter 2020

457(b) Deferred Compensation Plan

Fixed Income	Ticker	Assets	%
Voya Fixed Account	-	\$80,790,317	36.2%
Vanguard Total Bond Market Index I	VBTIX	\$6,590,993	3.0%
	Total	\$87,381,310	39.2%

Large Cap	Ticker	Assets	%
MFS Value R4	WEIJX	\$4,579,601	2.1%
Vanguard Institutional Index Instl	VINIX	\$27,773,250	12.5%
T. Rowe Price Growth Stock I	PRUFX	\$22,891,353	10.3%
	Total	\$55,244,205	24.8%

Mid Cap	Ticker	Assets	%
Vanguard Mid-Cap Value Index Adm	VMVAX	\$690,446	0.3%
Hartford MidCap HLS IA	HIMCX	\$10,047,403	4.5%
Vanguard Extended Market Index Instl	VIEIX	\$16,162,819	7.2%
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$4,244,726	1.9%
	Total	\$31,145,395	14.0%

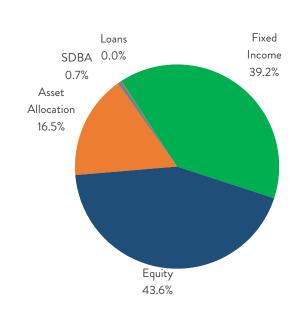
International	Ticker	Assets	%
Vanguard Developed Markets Index Instl	VTMNX	\$9,624,070	4.3%
American Funds EuroPacific Growth R6	RERGX	\$1,294,468	0.6%
	Total	\$10,918,539	4.9%

Asset Allocation	Ticker	Assets	%
Vanguard Instl Target Retirement Income Instl	VITRX	\$2,648,602	1.2%
Vanguard Instl Target Retirement 2015 Instl	VITVX	\$2,494,104	1.1%
Vanguard Instl Target Retirement 2020 Instl	VITWX	\$2,402,694	1.1%
Vanguard Instl Target Retirement 2025 Instl	VRIVX	\$7,978,022	3.6%
Vanguard Instl Target Retirement 2030 Instl	VTTWX	\$2,784,598	1.2%
Vanguard Instl Target Retirement 2035 Instl	VITFX	\$8,130,084	3.6%
Vanguard Instl Target Retirement 2040 Instl	VIRSX	\$1,442,292	0.6%
Vanguard Instl Target Retirement 2045 Instl	VITLX	\$6,068,708	2.7%
Vanguard Instl Target Retirement 2050 Instl	VTRLX	\$966,179	0.4%
Vanguard Instl Target Retirement 2055 Instl	VIVLX	\$1,412,193	0.6%
Vanguard Instl Target Retirement 2060 Instl	VILVX	\$281,349	0.1%
Vanguard Instl Target Retirement 2065 Instl	VSXFX	\$116,719	0.1%
	Total	\$36,725,543	16.5%

Miscellaneous	Ticker	Assets	%
Self-Directed Brokerage Account	-	\$1,521,790	0.7%
Participant Loans	-	\$32,467	0.0%
	Total	\$1,554,257	0.7%

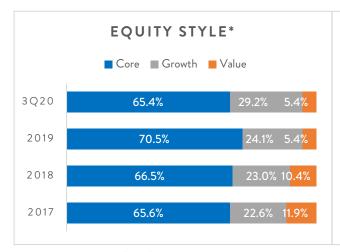
TOTAL PLAN ASSETS \$222,969,248

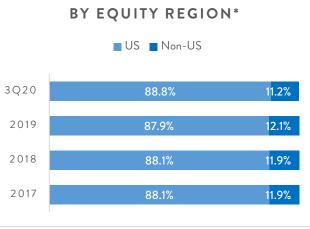
### 457(b) Deferred Compensation Plan

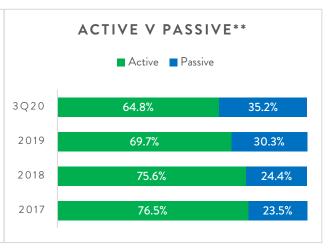


### HISTORICAL PLAN ALLOCATION

Asset Class	3Q20	2019	2018	2017	2016	2015	2014	2013
Fixed Income	39.2%	37.5%	46.2%	42.5%	N/A	N/A	N/A	N/A
Large Cap	24.8%	24.4%	17.5%	22.8%	N/A	N/A	N/A	N/A
Mid Cap	14.0%	15.3%	15.1%	15.0%	N/A	N/A	N/A	N/A
International	4.9%	5.5%	5.2%	5.1%	N/A	N/A	N/A	N/A
Asset Allocation	16.5%	16.6%	15.6%	14.0%	N/A	N/A	N/A	N/A
SDBA	0.7%	0.7%	0.5%	0.6%	N/A	N/A	N/A	N/A
Loans	0.0%	0.0%	0.0%	0.0%	N/A	N/A	N/A	N/A







<sup>\*</sup>Excludes Fixed Income, Asset Allocation, Brokerage, and Loan assets

<sup>\*\*</sup>Excludes Asset Allocation, Brokerage, and Loan assets

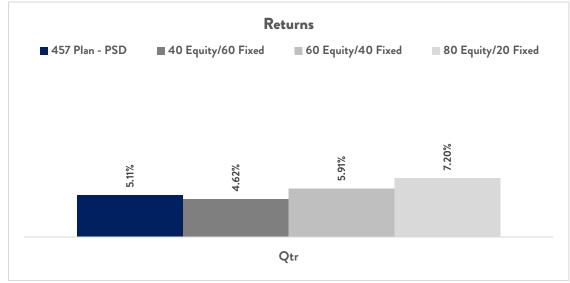
457(b) Deferred Compensation Plan

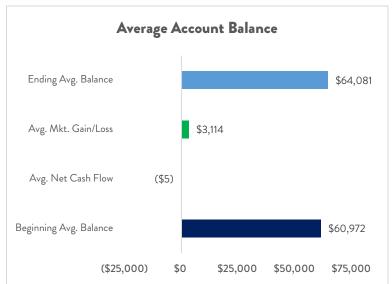
### **PLAN LEVEL CASH FLOWS**

		Cash Flow	Cash Flow		Market	
	Beginning Value	(+)	(-)	Transfer	Gain/Loss	Ending Value
Fixed Income	\$84,043,118	\$792,379	(\$1,859,893)	\$3,752,679	\$653,027	\$87,381,310
Large Cap	\$51,148,482	\$662,863	(\$636,201)	(\$999,474)	\$5,068,535	\$55,244,205
Mid Cap	\$30,333,831	\$485,942	(\$317,754)	(\$1,740,099)	\$2,383,475	\$31,145,395
International	\$10,439,174	\$218,745	(\$50,253)	(\$321,176)	\$632,049	\$10,918,539
Asset Allocation	\$35,020,330	\$1,195,471	(\$514,101)	(\$964,981)	\$1,988,824	\$36,725,543
SDBA	\$1,135,455	\$0	\$0	\$280,072	\$106,263	\$1,521,790
Total	\$212,120,389	\$3,355,401	(\$3,378,202)	\$7,021	\$10,832,172	\$222,936,781

### **HISTORICAL PLAN CASH FLOWS**

			Market	
	Beginning Value	Net Cash Flow	Gain/Loss	Ending Value
3Q20	\$212,120,389	(\$15,780)	\$10,832,172	\$222,936,781
YTD	\$211,520,904	\$2,745,399	\$8,670,478	\$222,936,781
2019	\$174,082,438	\$7,146,048	\$30,292,417	\$211,520,904
2018	\$178,524,895	\$683,229	(\$5,125,686)	\$174,082,438
2017	\$158,344,563	\$970,802	\$19,209,530	\$178,524,895
2016	N/A	N/A	N/A	N/A





Equity Indices: Russell 3000, MSCI ACWI ex USA; Fixed Indices: US Treasury 3 Mo T-Bill, BBgBarc Global Aggregate Bond (rebalanced quarterly)

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### **NEVADA SYSTEM OF HIGHER EDUCATION**

### **PLAN ASSET ALLOCATION**

457(b) Deferred Compensation Plan

Third Quarter 2020

Fixed Income	Ticker	Assets	%
Voya Fixed Account	-	\$15,345,257	19.4%
Vanguard Total Bond Market Index I	∨BTIX	\$4,265,937	5.4%
	Total	\$19,611,194	24.8%

Large Cap	Ticker	Assets	%
MFS Value R4	WEIJX	\$1,553,859	2.0%
Vanguard Institutional Index Instl	VINIX	\$10,527,627	13.3%
T. Rowe Price Growth Stock I	PRUFX	\$6,593,595	8.3%
	Total	\$18,675,081	23.6%

Mid Cap	Ticker	Assets	%
Vanguard Mid-Cap Value Index Adm	VMVAX	\$262,653	0.3%
Hartford MidCap HLS IA	HIMCX	\$3,368,939	4.3%
Vanguard Extended Market Index Instl	VIEIX	\$5,666,360	7.2%
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$2,917,138	3.7%
	Total	\$12,215,091	15.4%

International	Ticker	Assets	%
Vanguard Developed Markets Index Instl	VTMNX	\$2,850,305	3.6%
American Funds EuroPacific Growth R6	RERGX	\$1,332,780	1.7%
	Total	\$4,183,085	5.3%

Asset Allocation	Ticker	Assets	%
Vanguard Instl Target Retirement Income Instl	VITRX	\$1,811,562	2.3%
Vanguard Instl Target Retirement 2015 Instl	VITVX	\$4,306,806	5.4%
Vanguard Instl Target Retirement 2020 Instl	VITWX	\$2,127,411	2.7%
Vanguard Instl Target Retirement 2025 Instl	VRIVX	\$6,683,544	8.4%
Vanguard Instl Target Retirement 2030 Instl	VTTWX	\$2,149,067	2.7%
Vanguard Instl Target Retirement 2035 Instl	VITFX	\$4,169,634	5.3%
Vanguard Instl Target Retirement 2040 Instl	VIRSX	\$692,994	0.9%
Vanguard Instl Target Retirement 2045 Instl	VITLX	\$1,748,536	2.2%
Vanguard Instl Target Retirement 2050 Instl	VTRLX	\$138,586	0.2%
Vanguard Instl Target Retirement 2055 Instl	VIVLX	\$228,584	0.3%
Vanguard Instl Target Retirement 2060 Instl	VILVX	\$43,938	0.1%
Vanguard Instl Target Retirement 2065 Instl	VSXFX	\$28,189	0.0%
	Total	\$24,128,851	30.5%

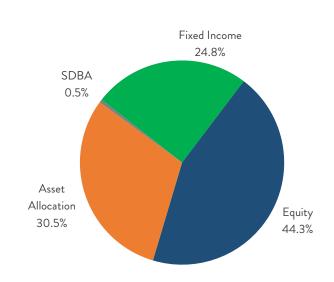
Miscellaneous	Ticker	Assets	%
Self-Directed Brokerage Account	-	\$377,340	0.5%
	Total	\$377,340	0.5%

TOTAL PLAN ASSETS

\$79,190,642

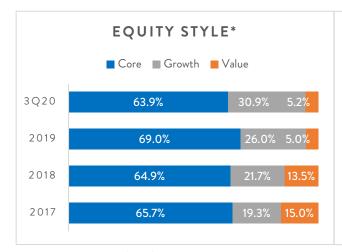
457(b) Deferred Compensation Plan

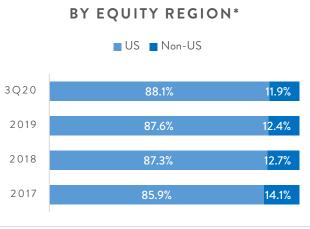
Third Quarter 2020

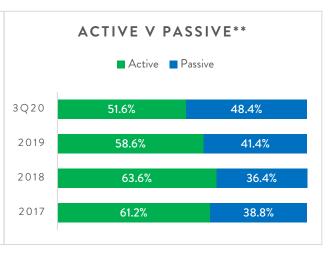


### HISTORICAL PLAN ALLOCATION

Asset Class	3Q20	2019	2018	2017	2016	2015	2014	2013
Fixed Income	24.8%	22.4%	27.3%	26.9%	N/A	N/A	N/A	N/A
Large Cap	23.6%	24.4%	24.1%	24.7%	N/A	N/A	N/A	N/A
Mid Cap	15.4%	17.1%	15.7%	16.8%	N/A	N/A	N/A	N/A
International	5.3%	5.9%	5.8%	6.8%	N/A	N/A	N/A	N/A
Asset Allocation	30.5%	29.9%	26.8%	24.7%	N/A	N/A	N/A	N/A
SDBA	0.5%	0.3%	0.3%	0.1%	N/A	N/A	N/A	N/A







<sup>\*</sup>Excludes Fixed Income, Asset Allocation, Brokerage, and Loan assets

<sup>\*\*</sup>Excludes Asset Allocation, Brokerage, and Loan assets

457(b) Deferred Compensation Plan

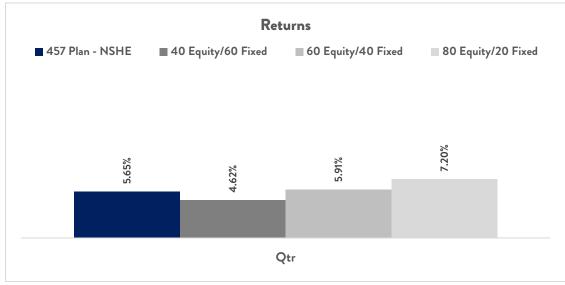
Third Quarter 2020

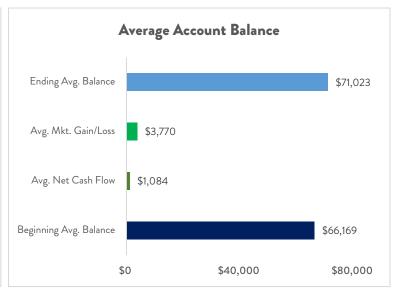
### **PLAN LEVEL CASH FLOWS**

	Cash Flow	Cash Flow		Market	
Beginning Value	(+)	(-)	Transfer	Gain/Loss	Ending Value
\$18,288,201	\$315,505	(\$69,483)	\$941,313	\$135,658	\$19,611,194
\$17,353,220	\$267,799	(\$85,710)	(\$541,447)	\$1,681,219	\$18,675,081
\$12,131,232	\$163,211	(\$35,684)	(\$1,017,208)	\$973,540	\$12,215,091
\$3,896,572	\$66,441	(\$3,085)	(\$43,802)	\$266,959	\$4,183,085
\$21,803,163	\$850,106	(\$266,180)	\$622,123	\$1,119,640	\$24,128,851
\$306,237	\$0	\$0	\$44,973	\$26,130	\$377,340
\$73,778,626	\$1,663,062	(\$460,143)	\$5,952	\$4,203,146	\$79,190,642
	\$18,288,201 \$17,353,220 \$12,131,232 \$3,896,572 \$21,803,163 \$306,237	Beginning Value         (+)           \$18,288,201         \$315,505           \$17,353,220         \$267,799           \$12,131,232         \$163,211           \$3,896,572         \$66,441           \$21,803,163         \$850,106           \$306,237         \$0	Beginning Value         (+)         (-)           \$18,288,201         \$315,505         (\$69,483)           \$17,353,220         \$267,799         (\$85,710)           \$12,131,232         \$163,211         (\$35,684)           \$3,896,572         \$66,441         (\$3,085)           \$21,803,163         \$850,106         (\$266,180)           \$306,237         \$0         \$0	Beginning Value         (+)         (-)         Transfer           \$18,288,201         \$315,505         (\$69,483)         \$941,313           \$17,353,220         \$267,799         (\$85,710)         (\$541,447)           \$12,131,232         \$163,211         (\$35,684)         (\$1,017,208)           \$3,896,572         \$66,441         (\$3,085)         (\$43,802)           \$21,803,163         \$850,106         (\$266,180)         \$622,123           \$306,237         \$0         \$0         \$44,973	Beginning Value         (+)         (-)         Transfer         Gain/Loss           \$18,288,201         \$315,505         (\$69,483)         \$941,313         \$135,658           \$17,353,220         \$267,799         (\$85,710)         (\$541,447)         \$1,681,219           \$12,131,232         \$163,211         (\$35,684)         (\$1,017,208)         \$973,540           \$3,896,572         \$66,441         (\$3,085)         (\$43,802)         \$266,959           \$21,803,163         \$850,106         (\$266,180)         \$622,123         \$1,119,640           \$306,237         \$0         \$0         \$44,973         \$26,130

### **HISTORICAL PLAN CASH FLOWS**

			Market	
	Beginning Value	Net Cash Flow	Gain/Loss	Ending Value
3Q20	\$73,778,626	\$1,208,870	\$4,203,146	\$79,190,642
YTD	\$71,011,498	\$4,617,993	\$3,561,151	\$79,190,642
2019	\$59,283,975	(\$281,661)	\$12,009,184	\$71,011,498
2018	\$60,761,575	\$1,182,723	(\$2,660,323)	\$59,283,975
2017	\$51,467,060	\$1,784,872	\$7,509,643	\$60,761,575
2016	N/A	N/A	N/A	N/A





Equity Indices: Russell 3000, MSCI ACWI ex USA; Fixed Indices: US Treasury 3 Mo T-Bill, BBgBarc Global Aggregate Bond (rebalanced quarterly)

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FICA Alternative OBRA Plan

### HISTORICAL PLAN CASH FLOWS

Fixed Income	Ticker	Assets	%
Voya Fixed Account	-	\$48,005,043	100.0%
	Total	\$48,005,043	100.0%

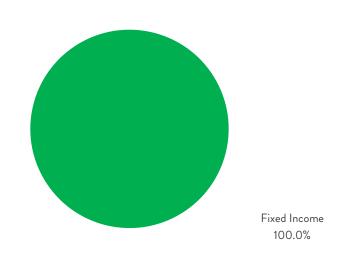
	Beginning Value	Net Cash Flow	Market Gain/Loss	Ending Value
3Q20	\$46,976,541	\$761,735	\$266,768	\$48,005,043
YTD	\$45,103,420	\$2,125,152	\$776,472	\$48,005,043
2019	\$40,981,957	\$3,480,620	\$640,843	\$45,103,420
2018	\$36,814,369	\$3,585,657	\$581,931	\$40,981,957
2017	\$32,759,971	\$3,539,366	\$515,032	\$36,814,369
2016	N/A	N/A	N/A	N/A

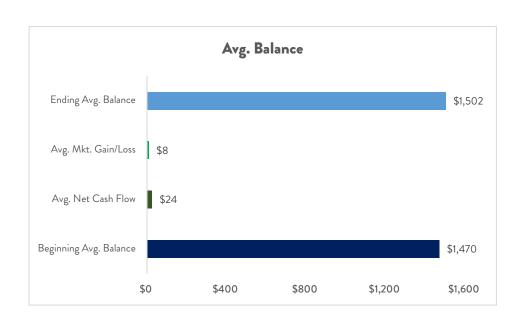
TOTAL PLAN ASSETS

\$48,005,043

Administrative Account Balance

\$18,898





Section 3

### **Investment Policy Status**

Date Initiated Notes

On-Watch

Key: Pass / ● Fail
Voya Fixed Account
Voya Fixed Account - FICA
Vanguard Total Bond Market Index I
MFS Value R4
Vanguard Institutional Index Instl
T. Rowe Price Growth Stock I

Voya Fixed Account
Voya Fixed Account - FICA
Vanguard Total Bond Market Index I
MEGV/ L. D.

Vallgaara Total Bolla Market Mack I		0
MFS Value R4	P	P
Vanguard Institutional Index Instl	P	P
T. Rowe Price Growth Stock I	•	P
Vanguard Mid-Cap Value Index Adm	P	P
Hartford MidCap HLS IA	P	P
Vanguard Extended Market Index Instl	P	P
Vanguard Mid-Cap Growth Index Adm	P	P
Vanguard Developed Markets Index Instl	P	P
American Funds EuroPacific Growth R6	•	P

Performance	Qualitative
Factors	Factors
P	P
P	P
P	P

-	
-	
3Q2019	Trailing Benchmark for 5-year period. Performance over the last year has been driven by security selection: technology detracted over 220bps, industrials detracted about 190bps, and healthcare just over 130bps. The fund's sector allocations have been a net positive, adding just over 50bps of relative performance overall despite an underweight to technology detracting 140bps.
-	
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-	Removed from watch 2Q2020.
2Q2020	Trailing Benchmark for 5 year period. Performance over the last year has been driven by their sector allocations: overweight to energy detracted over 150bps, overweight to financials detracted 100bps, and underweight to tech detracted about 50bps. The fund's security selection has been positive over the last year though, adding about 100bps of relative performance.

Combined Retirement Plans

Third Quarter 2020

### **Investment Policy Status**

Key: <sup>®</sup> Pass / ● Fail		
Vanguard Instl Target Retirement Income Instl	P	P
Vanguard Instl Target Retirement 2015 Instl		
Vanguard Instl Target Retirement 2020 Instl	P	P
Vanguard Instl Target Retirement 2025 Instl		
Vanguard Instl Target Retirement 2030 Instl	P	P
Vanguard Instl Target Retirement 2035 Instl		
Vanguard Instl Target Retirement 2040 Instl	P	P
Vanguard Instl Target Retirement 2045 Instl		
Vanguard Instl Target Retirement 2050 Instl	P	P
Vanguard Instl Target Retirement 2055 Instl		
Vanguard Instl Target Retirement 2060 Instl	P	P
Vanguard Instl Target Retirement 2065 Instl		

On-Watch	
Date Initiated	Notes
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		Annualized										
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Voya Fixed Account	0.77	2.32	3.01	2.75	2.87			2.70	2.54	2.75	3.15	3.50
5 Yr Constant Maturity US Treasury Yield	0.07	0.45	0.85	1.89	1.78	1.55	2.14	1.96	2.75	1.91	1.44	1.53
+/- Index	0.70	1.87	2.16	0.86	1.09	-	-	0.74	(0.21)	0.84	1.71	1.97
US Stable Value	1	1	1	1	1	-	N/A	4	5	1	1	1
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Voya Fixed Account - FICA	0.56	1.68	2.06	1.69	1.81			1.50	1.50	1.50	2.25	2.50
5 Yr Constant Maturity US Treasury Yield	0.07	0.45	0.85	1.89	1.78	1.55	2.14	1.96	2.75	1.91	1.44	1.53
+/- Index	0.49	1.24	1.21	(0.20)	0.03	-	-	(0.46)	(1.25)	(0.41)	0.81	0.97
US Stable Value	10	14	41	77	43	-	N/A	97	82	56	5	2
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Total Bond Market Index I	0.62	7.02	7.05	5.32	4.21	3.60	4.49	8.73	0.01	3.57	2.61	0.41
BBgBarc Capital US Aggregate Bond Index	0.62	6.79	6.98	5.24	4.18	3.64	4.48	8.72	0.01	3.54	2.65	0.55
+/- Index	0.00	0.22	0.06	0.08	0.03	(0.03)	0.01	0.01	(0.02)	0.03	(0.04)	(0.14)
US Fund Intermediate Core Bond	74	32	36	24	32	47	N/A	33	30	55	62	28
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
MFS Value R4	5.93	7.70	1.14	4.34	8.96	10.72	7.72	30.08	9.87	17.74	14.14	0.54
Russell 1000 Value Index	5.59	-11.58	-5.03	2.63	7.66	9.95	6.35	26.54	-8.27	13.66	17.34	-3.83
+/- Index	0.34	3.88	3.89	1.71	1.30	0.77	1.37	3.54	(1.60)	4.08	(3.20)	3.29
US Fund Large Value	29	26	28	30	23	16	N/A	9	68	30	52	12
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Institutional Index Instl	8.92	5.57	15.13	12.25	14.12	13.71	9.19	31.46	4.42	21.79	11.93	1.37
S&P 500 Index	8.93	5.57	15.15	12.28	14.15	13.74	9.19	31.49	-4.38	21.83	11.96	1.38
+/- Index	(0.01)	0.00	(0.02)	(0.03)	(0.03)	(0.03)	(0.01)	(0.02)	(0.04)	(0.04)	(0.03)	(0.01)
US Fund Large Blend	37	28	25	18	12	9	N/A	24	27	29	27	20

				Annualized								
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
T. Rowe Price Growth Stock I	12.19	22.37	34.71	19.01	18.60	16.88	11.93	30.98	0.89	33.84	1.58	10.93
Russell 1000 Growth Index	13.22	24.33	37.53	21.67	20.10	17.25	11.95	36.39	-1.51	30.21	7.08	5.67
+/- Index	(1.02)	(1.95)	(2.82)	(2.67)	(1.50)	(0.37)	(0.02)	(5.41)	0.62	3.63	(5.50)	5.27
US Fund Large Growth	34	39	37	45	36	23	N/A	61	37	15	63	4
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Mid Cap Value Index Adm	6.58	13.21	7.75	1.08	6.41	10.05		27.99	12.42	17.04	15.26	1.80
Vanguard US Mid Cap Value Index	6.57	-13.24	-7.79	1.09	6.43	10.10	-	28.05	-12.42	17.12	15.28	-1.75
+/- Index	0.01	0.03	0.04	(0.01)	(0.02)	(0.05)	-	(0.06)	0.00	(80.0)	(0.02)	(0.05)
US Fund Mid-Cap Value	14	27	32	20	21	6	N/A	32	45	13	71	17
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
II of INCIC HIGH		0.84	5.96	9.42	11.75	12.82	10.10	32.87	7.44	24.47	11.98	1.60
Hartford MidCap HLS IA  Russell Mid Cap Index	<b>4.44</b> 7.46	-2.35	4.55	7.13	10.13	11.76	8.62	30.54	-9.06	18.52	13.80	-2.44
+/- Index	(3.02)	1.51	1.41	2.28	1.62	1.07	1.48	2.32	1.61	5.95	(1.82)	4.04
US Fund Mid-Cap Blend	<b>85</b>	1.51 17	1.41	<b>5</b>	3	2	N/A	10	1.01 15	3.93	67	5
OS Fund Mid-Cap Blend	83	17	17	J	3		IVA	10	13	3	07	J
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Extended Market Index Instl	9.87	3.76	12.99	8.08	11.26	12.12	8.92	28.05	9.35	18.12	16.15	3.24
Vanguard Extended Market Index	9.90	3.74	12.94	7.96	11.13	12.01	8.78	27.95	-9.57	18.11	15.95	-3.35
+/- Index	(0.03)	0.02	0.05	0.11	0.13	0.11	0.14	0.11	0.22	0.01	0.20	0.11
US Fund Mid-Cap Blend	8	5	4	9	6	3	N/A	36	33	29	38	45
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Mid Cap Growth Index Adm	9.26	14.06	22.58	14.83	14.03	13.65		33.86	5.60	21.83	6.75	0.98
Vanguard US Mid Cap Growth Index	9.27	14.11	22.65	14.88	14.09	13.63	9.76	33.93	-5.57	21.92	6.78	-0.93
+/- Index	(0.01)	(0.05)	(0.07)	(0.06)	(0.06)	0.02	-	(0.07)	(0.04)	(0.10)	(0.03)	(0.05)
US Fund Mid-Cap Growth	50	41	44	49	52	46	N/A	42	46	65	40	51

					Annualized	1						
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Developed Markets Index Instl	5.59	5.75	2.12	0.93	5.80	4.98	4.07	22.14	14.49	26.46	2.46	0.17
Vanguard Developed Markets Index	5.96	-6.05	2.06	0.92	5.83	4.94	3.94	22.34	-14.79	26.31	2.29	-0.28
+/- Index	(0.37)	0.30	0.07	0.02	(0.02)	0.04	0.13	(0.20)	0.30	0.16	0.17	0.11
US Fund Foreign Large Blend	52	47	45	45	35	25	N/A	41	51	34	29	36
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
American Funds EuroPacific Growth R6	9.66	4.43	14.97	5.67	9.08	6.79	6.51	27.40	14.91	31.17	1.01	0.48
MSCI ACWI Ex-USA Growth (Net) Index	10.16	7.27	17.54	7.33	10.16	6.38	5.77	27.34	-14.43	32.01	0.12	-1.25
+/- Index	(0.50)	(2.84)	(2.58)	(1.66)	(1.07)	0.41	0.74	0.06	(0.48)	(0.84)	0.89	0.77
US Fund Foreign Large Growth	44	58	58	60	50	52	N/A	59	58	44	20	66
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement Income Instl	3.08	4.74	7.52	5.85	6.10			13.20	1.98	8.54	5.29	0.13
Vanguard Retirement Income Index	3.19	5.20	8.06	6.10	6.30	5.80	5.42	13.40	-1.98	8.67	5.35	0.12
+/- Index	(0.11)	(0.47)	(0.54)	(0.25)	(0.21)	-	-	(0.20)	(0.01)	(0.12)	(0.07)	(0.25)
US Fund Target-Date Retirement	52	24	22	14	21	-	N/A	45	18	59	40	7
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2015 Instl	3.45	4.35	7.77	6.14	7.11			14.88	2.91	11.50	6.27	0.42
Vanguard Retirement 2015 Index	3.55	4.88	8.38	6.43	7.35	7.23	5.98	15.08	-2.88	11.61	6.40	-0.22
+/- Index	(0.10)	(0.53)	(0.61)	(0.29)	(0.24)	-	-	(0.20)	(0.03)	(0.11)	(0.13)	(0.20)
US Fund Target-Date 2015	83	26	57	26	43	-	N/A	65	17	47	51	11
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2020 Instl	4.46	3.90	8.55	6.59	8.01			17.69	4.21	14.13	7.04	0.63
Vanguard Retirement 2020 Index	4.56	4.56	9.32	6.94	8.30	8.09	-	17.87	-4.14	14.22	7.17	-0.40
+/- Index	(0.10)	(0.67)	(0.77)	(0.35)	(0.29)	-		(0.18)	(0.06)	(0.09)	(0.12)	(0.23)
US Fund Target-Date 2020	33	21	29	17	13	-	N/A	26	40	15	25	28

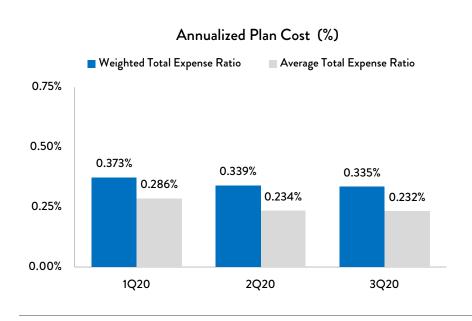
				-	Annualized	1						
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2025 Instl	5.17	3.64	9.08	6.94	8.66			19.67	5.02	15.94	7.56	0.80
Vanguard Retirement 2025 Index	5.25	4.33	9.92	7.32	8.97	8.66	6.66	19.93	-5.01	16.08	7.66	-0.58
+/- Index	(0.08)	(0.69)	(0.84)	(0.39)	(0.31)	-	-	(0.26)	(0.01)	(0.14)	(0.10)	(0.22)
US Fund Target-Date 2025	35	33	35	16	14	-	N/A	20	38	23	20	24
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2030 Instl	5.71	3.22	9.43	7.08	9.13			21.14	5.82	17.57	7.97	0.97
Vanguard Retirement 2030 Index	5.81	3.93	10.24	7.47	9.44	9.13	-	21.33	-5.74	17.65	8.11	-0.80
+/- Index	(0.10)	(0.70)	(0.80)	(0.38)	(0.31)	-	-	(0.20)	(0.08)	(0.09)	(0.14)	(0.17)
US Fund Target-Date 2030	35	37	32	21	26	-	N/A	29	35	29	29	36
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2035 Instl	6.24	2.82	9.70	7.19	9.58			22.56	6.56	19.14	8.39	1.21
Vanguard Retirement 2035 Index	6.38	3.49	10.51	7.58	9.90	9.58	7.07	22.76	-6.48	19.24	8.55	-1.02
+/- Index	(0.14)	(0.66)	(0.82)	(0.39)	(0.32)	-	-	(0.20)	(80.0)	(0.11)	(0.16)	(0.19)
US Fund Target-Date 2035	51	35	35	23	26	-	N/A	38	30	32	27	37
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2040 Instl	6.77	2.36	9.93	7.27	10.00			23.93	7.31	20.73	8.81	1.52
Vanguard Retirement 2040 Index	6.94	3.00	10.72	7.69	10.35	9.89	-	24.19	-7.22	20.87	8.98	-1.25
+/- Index	(0.17)	(0.64)	(0.79)	(0.41)	(0.35)	-	-	(0.25)	(0.10)	(0.13)	(0.17)	(0.27)
US Fund Target-Date 2040	49	38	34	20	24	-	N/A	40	34	23	23	51
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2045 Instl	7.32	1.99	10.17	7.34	10.16			25.07	7.87	21.47	8.94	1.51
Vanguard Retirement 2045 Index	7.51	2.59	10.95	7.73	10.49	9.96	7.37	25.36	-7.77	21.54	9.13	-1.25
+/- Index	(0.19)	(0.60)	(0.78)	(0.39)	(0.33)	-	-	(0.28)	(0.10)	(0.07)	(0.18)	(0.26)
US Fund Target-Date 2045	41	44	37	20	20	-	N/A	38	40	23	26	42

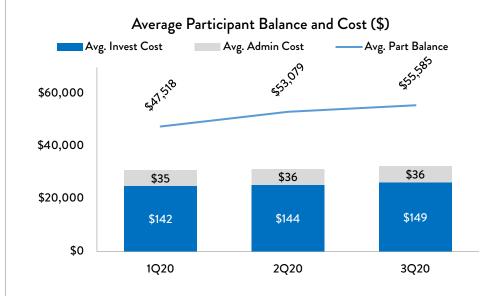
				,	Annualized	1						
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2050 Instl	7.34	2.02	10.21	7.33	10.16			25.05	7.87	21.47	8.95	1.51
Vanguard Retirement 2050 Index	7.54	2.61	10.98	7.74	10.50	9.96	-	25.36	-7.77	21.54	9.13	-1.25
+/- Index	(0.20)	(0.59)	(0.77)	(0.41)	(0.34)	-	-	(0.30)	(0.10)	(0.07)	(0.18)	(0.25)
US Fund Target-Date 2050	50	38	37	23	23	-	N/A	43	34	33	28	51
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2055 Instl	7.35	2.05	10.24	7.35	10.17			25.06	7.84	21.47	8.94	1.66
Vanguard Retirement 2055 Index	7.54	2.61	10.98	7.74	10.50	9.96	-	25.36	-7.77	21.54	9.13	-1.25
+/- Index	(0.19)	(0.56)	(0.73)	(0.39)	(0.34)	-	-	(0.30)	(0.07)	(0.06)	(0.18)	(0.41)
US Fund Target-Date 2055	52	38	38	25	26	-	N/A	47	32	43	27	53
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2060 Instl	7.38	2.09	10.30	7.36	10.17	1011	1311	25.13	7.88	21.42	8.94	1.61
Vanguard Retirement 2060 Index	7.54	2.61	10.98	7.74	10.50	-	-	25.36	-7.77	21.54	9.13	-1.25
+/- Index	(0.16)	(0.53)	(0.68)	(0.38)	(0.33)	-	-	(0.23)	(0.11)	(0.12)	(0.18)	(0.36)
US Fund Target-Date 2060+	49	28	36	24	43	-	N/A	54	36	48	20	73
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	15Yr	2019	2018	2017	2016	2015
Vanguard Instl Target Retirement 2065 Instl	7.38	1.91	10.06	7.34				25.15	7.84			
Vanguard Retirement 2065 Index	7.54	2.61	10.98	7.74	-	-	-	25.36	-7.77	-	-	-
+/- Index	(0.16)	(0.71)	(0.91)	(0.40)	-	-	-	(0.21)	(0.07)	-	-	-
US Fund Target-Date 2060+	50	38	43	26	-	-	N/A	52	30	-	-	-

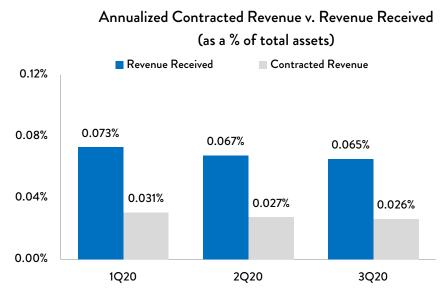
Section 4

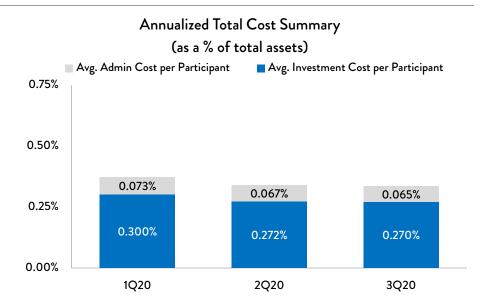
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Combined 457(b) DC Plans









<sup>\*</sup>Administration costs are only charged to accounts with balances over \$1,000. For reporting purposes the total amounts charged are displayed relative to all participant accounts with a balance.

### **PLAN FEE ANALYSIS**

Third Quarter 2020

Annualized

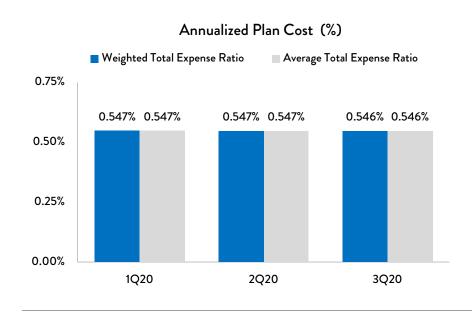
		Quarter End			Est. Total Invest.	Est. Total Admin.
Fund	Ticker	Balance	Net Expense Ratio	Admin Fee	Cost	Cost
Voya Fixed Account	-	\$338,286,038	0.40%	0.07%	\$1,353,144	\$220,348
Vanguard Total Bond Market Index I	VBTIX	\$26,307,874	0.04%	0.07%	\$9,208	\$17,136
MFS Value R4*	MEIJX	\$16,887,050	0.42%	0.07%	\$70,926	\$11,000
Vanguard Institutional Index Instl	VINIX	\$107,196,040	0.04%	0.07%	\$37,519	\$69,824
T. Rowe Price Growth Stock I	PRUFX	\$83,357,269	0.52%	0.07%	\$433,458	\$54,296
Vanguard Mid-Cap Value Index Adm	VMVAX	\$2,833,311	0.07%	0.07%	\$1,983	\$1,846
Hartford MidCap HLS IA*	HIMCX	\$50,238,602	0.65%	0.07%	\$326,551	\$32,724
Vanguard Extended Market Index Instl	VIEIX	\$52,502,511	0.05%	0.07%	\$26,251	\$34,198
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$18,802,869	0.07%	0.07%	\$13,162	\$12,248
Vanguard Developed Markets Index Instl	VTMNX	\$29,321,518	0.05%	0.07%	\$14,661	\$19,099
American Funds EuroPacific Growth R6	RERGX	\$6,931,802	0.46%	0.07%	\$31,886	\$4,515
Vanguard Instl Target Retirement Income Instl	VITRX	\$17,068,740	0.09%	0.07%	\$15,362	\$11,118
Vanguard Instl Target Retirement 2015 Instl	VITVX	\$33,643,367	0.09%	0.07%	\$30,279	\$21,914
Vanguard Instl Target Retirement 2020 Instl	VITWX	\$11,041,628	0.09%	0.07%	\$9,937	\$7,192
Vanguard Instl Target Retirement 2025 Instl	VRIVX	\$41,624,898	0.09%	0.07%	\$37,462	\$27,113
Vanguard Instl Target Retirement 2030 Instl	VTTWX	\$11,209,338	0.09%	0.07%	\$10,088	\$7,301
Vanguard Instl Target Retirement 2035 Instl	VITFX	\$43,775,398	0.09%	0.07%	\$39,398	\$28,514
Vanguard Instl Target Retirement 2040 Instl	VIRSX	\$5,263,786	0.09%	0.07%	\$4,737	\$3,429
Vanguard Instl Target Retirement 2045 Instl	VITLX	\$19,337,570	0.09%	0.07%	\$17,404	\$12,596
Vanguard Instl Target Retirement 2050 Instl	VTRLX	\$2,237,117	0.09%	0.07%	\$2,013	\$1,457
Vanguard Instl Target Retirement 2055 Instl	VIVLX	\$4,769,902	0.09%	0.07%	\$4,293	\$3,107
Vanguard Instl Target Retirement 2060 Instl	VILVX	\$810,647	0.09%	0.07%	\$730	\$528
Vanguard Instl Target Retirement 2065 Instl	VSXFX	\$494,796	0.09%	0.07%	\$445	\$322
Self-Directed Brokerage Account	-	\$4,554,106	-	0.07%	-	\$2,966
TOTAL		\$928,496,174			\$2,490,898	\$604,791

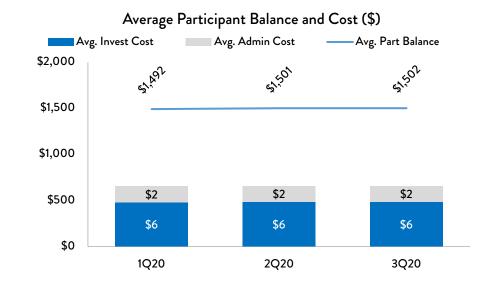
Plan Administration Cost	Quarter	Annualized
Plan Generated Revenue (\$41.00 per ppt with >\$1,000 bal) (est):	\$151,198	\$604,791
Contracted Revenue (\$14.50 per participant) (est):	\$60,552	\$242,208
Net Excess/(Deficit) (est):	\$90,646	\$362,583

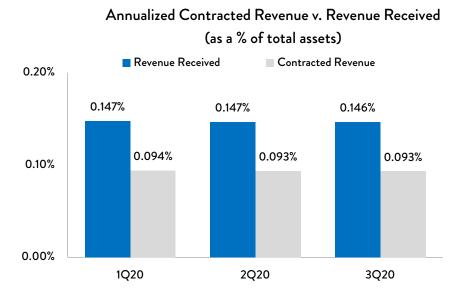
<sup>\*</sup>Revenue derived from funds credited to participant accounts in which they are held. For fee reporting purposes, the credit has been used to offset the reported fund expense ratio.

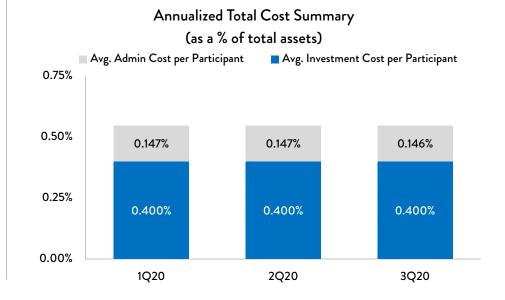
An expense ratio of 0.40% was assumed for the Voya Fixed Account.

FICA Alternative OBRA Plan









### FICA Alternative OBRA Plan

### **PLAN FEE ANALYSIS**

Third Quarter 2020

### Annualized

		Quarter End		
Fund	Ticker	Balance	Net Expense Ratio	Admin Fee
Voya Fixed Account	-	\$48,005,043	0.40%	0.15%
TOTAL		\$48,005,043		,

Est. Total Invest.	Est. Total Admin.
Cost	Cost
\$192,020	\$70,314
\$192,020	\$70.314

Plan Administration Cost	Quarter	Annualized
Plan Generated Revenue (\$2.20 per participant) (est):	\$17,579	\$70,314
Contracted Revenue (\$1.40 per participant) (est):	\$11,186	\$44,745
Net Excess/(Deficit) (est):	\$6,392	\$25,569

An expense ratio of 0.40% was assumed for the Voya Fixed Account.

Section 5

Morningstar Analyst Rating™ Overall Morningstar Rating™

Standard Index

Category Index

Morningstar Cat

## Growth R6 (USD) American Funds Europacific

ස

2019 No. in Cat +/- Cat Index +/- Std Index Total Return Std 09-30-2020 Load-adj Mthly 2020 2018 Quarterly Returns % Rank Cat Trailing Returns Performance 10-31-2020 -22.43 1st Otr 14.97 10.09 13.20 -1.34 12.70 10.09 1.03 456 2nd Otr 22.77 -1.57 3.87 -2.82 4.47 4.28 4.28 405 3 Υ 55 3rd Otr -1.59 -0.84 -0.52 9.66 3.40 7.66 9.08 7.66 322 5 Yr -12.59 10.09 4th Otr 6.79 6.35 0.49 2.92 6.35 10 Y 237 -14.91 Total % 27.40 Incept 9.19 9.03 3.44 9.03

	Subsidized	Unsubsidized
7-day Yield	I	1
30-day SEC Yield 09-30-20	0.38	0.38
Performance Disclosure The Overall Morningstar Rating is based on risk-adjusted returns,	ased on risk-ad	justed returns,
derived from a weighted average of the three-, five-, and 10-year	the three-, five	-, and 10-year
/:		

0.68 -2.10

38.34 39.35

2009

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than does not guarantee future results. The investment return and The performance data quoted represents past performance and (if applicable) Morningstar metrics.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent

their original cost.

month-end, please call 800-421-4225 or visit

Fees and Expenses	
Sales Charges	
Front-End Load %	ĸ
Deferred Load %	NA
Fund Expenses	
Management Fees %	0.41
12b1 Expense %	NA
Net Expense Ratio %	0.46
Gross Expense Ratio %	0.46

Fund Expenses			
Management Fees %			0.41
12b1 Expense %			NA
Net Expense Ratio %			0.46
Gross Expense Ratio %			0.46
Risk and Return Profile			
	3 Yr 405 funds 322	5 Yr 2 funds	10 Yr 237 funds
Morningstar Rating™	3 <b>★</b>	3 <b>★</b>	3★
Morningstar Risk	Avg	Avg	Avg
Morningstar Return	Avg	Avg	Avg
	3 Yr	5 Yr	10 Yr
Standard Deviation	17.28	14.87	14.48
Mean	4.28	7.66	6.35
Sharpe Ratio	0.24	0.49	0.46
MPT Statistics	Standard Index	2	Best Fit Index Morningstar Gbl
Alpha	4.57		3.82
Beta	1.04		1.04
R-Squared	96.25		96.55
12-Month Yield			1.18%
Potential Cap Gains Exp			9.20%

₽ AA

Credit Quality Breakdown

1.53 1.50 1.28 1.25 1.25

	: -							<u> </u>		_
	1	-4.69	-1.39	9.76	41.37	2010		<b>\{</b>	92	<b>★ Gold</b> 09-02-2020
	1	0.90	0.40	-13.31	35.13	2011		ļ	91	<b>d</b> 020
	1	2.97	2.81	19.64	41.18	2012		}	90	
	ı	5.09	5.29	20.58	49.03	2013		1	92	·
341	27	0.36	1.57	-2.29	47.09	2014		1	88	★★★ 405 US Fund Foreign Large Growth
361	66	0.77	5.18	-0.48	45.32	2015			89	Fund Fo
363	20	0.89	-3.48	1.01	45.04	2016		<b>\$</b>	8	reign Laı
399	44	-0.84	3.98	31.17	56.14	2017		1	92	4
439	55	-0.48	-0.71	-14.91	44.99	2018		3	92	MSCI ACWI Ex USA NR USD
469	59	0.06	5.89	27.40	55.55	2019		<b>}</b>	92	USD Ex
472	1	-1.95	10.91	3.44	57.46	10-20		100k 60k 40k 20k	95	MSCI ACWI Ex USA Growth NR USD
No. of Funds in Cat	% Rank Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Quartile (within category)	Growth of \$10,000  American Fur Growth R6 27,637  Category Ave 27,682  Standard Ind 21,250	Investment Style Equity Stocks %	
s in Cat		Index	Index	%			e Quartile ory)	wth of \$10,000  American Funds Europacific Growth R6 27,637  Category Average 27,882 Standard Index 21,250	Style	US Fund Foreign Large Growth

Rel Std	Stocks %	inhtings	Sector Weightings				гом		
	13 mil Flutter Entertainment PLC	13 mil	•	:		Avg Wtd Price	p⊕M		
	52 mil Recruit Holdings Co Ltd	52 mil	① (	2.50		Avg Ell Duration Avg Wtd Coupon	ЧеіН		
			<b>①</b>	1		Avg Eff Maturity	Ext	Mod	Εtd
	Sea Ltd ADR	16 mil	<b>D</b> (				e Style	Fixed-Income Style	Σ̈́
	HDFC Bank Ltd	171 mil	Đ						
	6 mil LVMH Moet Hennessy Louis Vuitton SE	6 mil	•	1.0	04/32 1.42	\$mil	llsm2		
	184 mil Taiwan Semiconductor Manufacturing	184 mil	<b>⊕</b>	1.07	2/.1 /.2		biN		
	Keyence Corp	6 mil	1	0.8/		P/C Ratio I IM	1 91		
	Shopify Inc A	3 mil	1	1.09		P/E Ratio I IM	блет		
	3 mil MercadoLibre Inc	3 mil	①	Cat	_		irawth	Value Blend Growth	Val.
			(	Rel	Port Rel	Portfolio Statistics		Equity Style	흔
	118 mil Daiichi Sankyo Co Ltd	118 mil	<b>①</b>	9	00.01	100.00		2	5
	AIA Group Ltd	374 mil	1	2	100 04	100 00		<u>ط</u>	Total
	ASML Holding NV	10 mil	1	0.00	0.02	0.02	Clsfd	Other/Not Clsfd	#
	Alibaba Group Holding Ltd Ordinary	122 mil	1	0.00	0.06	0.06		Bonds	BO
	nellance moustries rto		1	0.00	94.83	94.83	ocks	Non-US Stocks	$\leq$
	Deliane ledication led	101	) 00	0.00	0.63	0.63		US Stocks	S
	348 Lotal Stocks , 1 Lotal Fixed-Income,	Amount	one-2020	0.04	4.49	4.45		š	Cash
Net /	Holdings:	Share	Share Chg	Short %	Long % S	Net %	ation %	Asset Allocation %	Ass
						Portfolio Analysis U9-3U-2U2U	Analysis	rttolio	70

2.11 1.71 1.71 1.71 1.68 1.64

37

3.61 2.75 2.34 2.24 2.21

	n g <sub>6</sub> Healthcare	1.00 <b>II</b> Consu	$1.26 \rightarrow \text{Defensive}$	Ral Std Index	— 😄 Industrials	—	— Gomm	— √ Sensitive	👝 Real Estate	Financ	Consu	Basic	∿ Cyclical	Sector Weightings
Utilities	hcare	Consumer Defensive	ısive	ology	trials	У	Communication Services	tive	state	Financial Services	Consumer Cyclical	Basic Materials	cal	ghtings
2.8	14.9	5.4	23.0	16.6	8.7	6.2	8.1	39.6	1.3	14.0	16.5	5.6	37.4	Stocks %
0.82	1.45	0.55	0.99	1.38	0.77	1.50	0.92	1.09	0.49	0.82	1.30	0.71	0.93	Rel Std Index

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Objective:

Foreign Stock 19.4 Years Multiple American Funds

Purchase Constraints: Min Auto Investment Plan: Minimum Initial Purchase:

> \$50 \$250

Base Currency:

Manager:

Ticker:

RERGX US2987068218

Type: Incept:

롞 05-01-2009

\$173,587.66 mil

Total Assets:

Greater Asia Greater Europe Americas Regional Exposure

Stocks %

11.6 41.5 46.9

ISIN:

Tenure: Family:

Release date 10-31-2020

Page 2 of 34

### (USD) Hartford MidCap HLS IA

Performance 10-31-2020				
1st Otr	2nd Otr	3rd Otr	4th Otr	Total %
3.42	3.95	4.59	-17.69	-7.44
20.20	4.85	-1.35	6.86	32.87
-24.21	25.27	4.44		0.58
1 Yr	3 Yr	5 Yr	10 Yr	Incept
6.94	8. 63	10.60	12.61	12.97
5.96	1	11.75	12.82	12.96
6.94	   	10.60	12.61	12.97
-2.77	-1.79	<u>-1</u> .11	-0.41	
-14.19	-6.58	-3.55	-1.52	
85	78	73	58	
607	557	499	380	
	31-2020 1st Orr 3.42 20.20 -24.21 1'Yr 6.94 5.96 6.94 -2.77 -14.19 85		2nd Orr 3.95 4.85 25.27 3 Yr 8.63 -1.79 -6.58 78	2nd Our 3rd Our 3.95 4.59 4.85 -1.35 25.27 4.44 3 Yr 5 Yr 8.63 10.60 -1.79 -1.11 -6.58 -3.55 78 73

Performance Disclosure
The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year 30-day SEC Yield (if applicable) Morningstar metrics.

7-day Yield

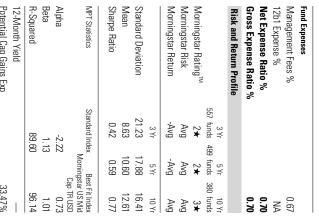
Subsidized

Unsubsidized

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 888-843-7824 or visit

### Front-End Load % Fund Expenses Deferred Load % Sales Charges Fees and Expenses ž



Credit Quality Breakdown – AAA

baM ЧбіН

Avg Eff Maturity Avg Eff Duration Avg Wtd Coupon Avg Wtd Price

 $\oplus \oplus \oplus \oplus$ 

946,818 163,010 606,200

Roku Inc Class A UGI Corp

IAA Inc Ordinary Shares

1.81 1.76 1.66 1.62 1.62 1.62 1.52 1.58 1.51 1.49

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812	76	-15.33	4.49	30.96	21.12	2009			1					97				
759	61	-2.94	8.38	23.45	26.01	2010			*					96		<b>Silver</b> 09-30-2020	Mornings Rating <sup>™</sup>	
751	77	-6.27	-10.03	-7.92	23.77	2011			4					99		<b>/er "</b>	ıgstar Ω	
737	œ	3.64	3.44	19.44	28.16	2012								100			Morningstar Quantitative Rating™ ====================================	
703	14	4.08	7.43	39.82	37.87	2013								100				
749	5	-0.53	-2.32	11.37	37.28	2014								100		557 US Fund Mid-Cap Growth	Uverall Morningstar Hating ''' Standard Index  ★★★  S&P 500 TR USI	•
733	26	1.80	0.21	1.60	33.66	2015					3			99		Fund Mi	Mornin	
644	=	4.65	0.02	11.98	33.83	2016					I			100		d-Cap G	gstar Ka	,
617	47	-0.80	2.64	24.47	40.10	2017					1			99		rowth	ting	. TM
605	2	-2.69	-3.06	-7.44	33.77	2018								100		•	Standar S&P 500	-
618	48	-2.60	1.38	32.87	38.17	2019					_	}		99		=	Standard Index S&P 500 TR USD	
607	ı	-13.48	-2.19	0.58	35.43	10-20					4	\$		100		Grov		
7	.0	+	+	_	7	_	27	<b>*</b>	10k	20k	ş	: * : 40 E			m <del>-</del>	Growth TR USD	Category Index Russell Mid Cap	-
Jo. of Fun	% Rank Cat	+/- Category Index	/- Standa	Total Return %	NAV/Price	History	Performance Q (within category)		46,352	49,7	48,492 — Catego	■ Hart	rowth of	Stocks %	Investment Style Equity	JSD	Cap	•
No. of Funds in Cat	at	ory Index	+/- Standard Index	ırn %	w		Performance Quartile (within category)		46,352	23	46,492 Category Average	Hartford MidCap HLS IA	Growth of \$10,000		nt Style	Growth	Morningstar Cat US Fund Mid-Cap	
												Þ					ਰ ਜੋ	•

Portfolio Analysis 09-30-2020	is 09-30-2020					
Asset Allocation %	Net %	Long %	Short %	Share Chg	Share	Holdings: Net
Cash	0.32	0.32	0.00	since	Amount	101 Total Stocks , 0 Total Fixed-Income,
US Stocks	94.97	94.97	0.00	0202-00		25% Tulliover hadro
Non-US Stocks	4.70	4.70	0.00	•		Genpact Ltd
Bonds	0.00	0.00	0.00	•	1 mil	Ingersoll Rand Inc
Other/Not Clsfd	0.00	0.00	0.00	•	1 mil	II-VI Inc
Total	100.00	100.00	0.00	⊕ ⊕	9,421 276,042	NVR Inc WEX Inc
Equity Style	Portfolio Statistics			) (		
Value Blend Growth	P/E Ratio TTM			⊕ ⊕	300,388	Etsy Inc
ə6.	P/C Ratio TTM			<b>⊕</b>	126,433	Lennox International Inc
biM	P/B Ratio I IVI			_	517,736	Encompass Health Corp
llsm2	\$mil	0/24 0.04	0.4	•	447,291	Lumentum Holdings Inc
				<b>•</b>	400,842	Hill-Rom Holdings Inc
Fixed-Income Style	Ava Eff Maturity			•	300,669	300,669 MKS Instruments Inc

2.32 2.16 1.96 1.86 1.85

38

0 2 1	<u>ي</u>	Consumpt Defension	
0.93	23.0	→ Defensive	0.97
			el Sta Index
1.16	28.1	Technology	
1.70	14.9	Industrials	
0.23	0.5	Energy	
0.42	4.6	Communication Services	1
1.04	48.0	✓ Sensitive	
1.71	4.5	★ Real Estate	1
0.77	9.9	Financial Services	
1.23	13.9	Consumer Cyclical	
0.29	0.6	Basic Materials	8
1.00	28.9	Դ Cyclical	D 25 4 0/
Rel Std Index	Stocks %	Sector Weightings	

12-Month Yield			Greater Asia	3.6	91.90	пеаннсав	10.3	-
Potential Cap Gains Exp	ns Exp	33.47%				Utilities	2.4	+
Operations								
Family:	Hartford Mutual Funds		Base Currency:	USD		Purchase Constraints:	Þ	
Manager:	Multiple		Ticker:	HIMCX		Incept:	07-14-1997	
Tenure:	10.7 Years		ISIN:	US4165287016		Type:	MF	
Objective:	Growth		Minimum Initial Purchase:	\$0		Total Assets:	\$2,267.62 mil	
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and (6) are not warrante	d to be correct, complete or accurate. Exc	ept as otherwis	se required by law, Morningstar shall no	t be responsible for any trad	ing decisions,	and (6) are not warranted to be correct, complete or accurate. Except as otherwise required by law, Morningstar shall not be responsible for any trading decisions, damages or other losses resulting from, or related to, this	elated to, this	

Greater Europe Greater Asia

Americas Regional Exposure

96.4 3.6

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Release date 10-31-2020 Page 3 of 34

## MFS Value R4 (USD)

# Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index **\$\folio**\$\displie \folio \displie \

	709	988	1124	1196	No. in Cat
	16	25	32	26	% Rank Cat
	0.70	1.03	1.30	3.69	+/- Cat Index
1	-2.84	-4.86	-7.19	-13.58	+/- Std Index
7.56	10.18	6.85	3.24	-3.87	Total Return
7.74	10.72	8.96	I	-1.14	Std 09-30-2020
7.56	10.18	6.85	3.24	-3.87	Load-adj Mthly
Incept	10 Yr	5 Yr	3 Yr	1 Yr	Trailing Returns
-9.51	1	5.93	14.30	-23.77	2020
30.08	7.11	2.44	5.08	12.82	2019
-9.87	-11.56	5.72	-0.61	-3.00	2018
Total %	4th Otr	3rd Otr	2nd Otr	1st Otr	Quarterly Returns
				0-31-2020	<b>Performance</b> 10-31-2020

		P. C.
1.80	1.81	30-day SEC Yield 09-30-20
		7-day Yield
Unsubsidized	Subsidized	

Performance Disclosure
The Overall Marningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-225-2606 or visit

http://www.mis.com. Fees and Expenses Sales Charges Front-End Load % Deferred Load %	₹ ₹
Fund Expenses	
Management Fees %	0.46
12b1 Expense %	₹
Net Expense Ratio %	0.57
Gross Expense Ratio %	0.57
Risk and Return Profile	

mqo://www.mo.com.			
Fees and Expenses			
Sales Charges			
Front-End Load %			NA
Deferred Load %			N
Fund Expenses			
Management Fees %			0.46
12b1 Expense %			NA
Net Expense Ratio %			0.57
Gross Expense Ratio %			0.57
<b>Risk and Return Profile</b>			
	3 Yr 1124 funds 9	5 Yr 988 funds	10 Yr 709 funds
Morningstar Rating™	4 <b>★</b>	<b>4★</b>	4★
Morningstar Risk	-Avg	-Avg	Avg
Morningstar Return	+Avg	+Avg	+Avg
	3 Yr	5Yr	10 Yr
Standard Deviation	17.46	14.40	13.50
Mean	3.24	6.85	10.18
Sharpe Ratio	0.18	0.45	0.74
MPT Statistics	Standard Index		Best Fit Index Russell 1000 Value
Alpha	-6.25	ĊĬ.	1.21
Beta	0.94	4	0.94
R-Squared	93.38	00	98.01
12-Month Yield			1.85%
Potential Cap Gains Exp			38.29%

No. of Funds in Cat	1208	1209	1244	1260	1268	1378	1290	1213	1208	1258	1240	1272
% Rank Cat	1	9	88	30	52	12	51	ವ	29	41	75	61
+/- Category Index	3.23	3.54	-1.60	4.08	-3.20	3.29	-2.89	3.28	-1.09	-0.34	-3.82	1.16
+/- Standard Index	-12.27	-1.40	-5.49	-4.09	2.18	-1.92	-3.12	3.42	0.41	-2.06	.კ ა.კგ	-5.61
Total Return %	-9.51	30.08	-9.87	17.74	14.14	-0.54	10.57	35.81	16.42	0.05	11.68	20.85
NAV/Price	39.59	44.42	35.30	40.56	36.05	32.79	34.94	33.20	25.35	22.38	22.81	20.77
History	10-20	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Performance Quartile (within category)												
	4k											
Standard Index 46,352	10k							N		2	<b>{</b>	
Category Average 29,514	70 <sub>20k</sub>	}	}			<b>}</b>						
Growth of \$10,000  — MFS Value R4 33,479	6g g	}	}									
Investment Style Equity Stocks %	99 100k	99	99	99	8	99	99	99	98	99	92	99
Category Index Morningstar Cat Russell 1000 Value US Fund Large Value TR USD		Standard Index S&P 500 TR USD	Standar S&P 500	ting™.	Overall Morningstar Ratin ★★★★ 1,124 US Fund Large Value	Morning S Fund L	Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index  ➡★★★★ S&P 500 TR USI 08-18-2020 1,124 US Fund Large Value	ating™	nalyst R	ngstar A Id 1020	Morningst	

Portfolio Analysis 09-30-2020	s 09-30-2020					
Asset Allocation %	Net %	Long % Short %	Share Chg			Net Assets
Cash	1.21	1.21 0.00	since	Amount // lotal Stocks , U lotal Fixed-Income	I hixed-Income,	%
US Stocks	90.17	90.17 0.00	)			2
Non-US Stocks	8.61		①	13 mil Johnson & Johnson	n	4.10
Bonds	0.00	_	1	19 mil JPMorgan Chase & Co	k Co	3.74
Other/Not Clsfd	0.00		) ① 35 mil	mil Comcast Corp Class A	s A	3.33
Total	100.00	100.00 0.00	1	13 mil Medtronic PLC		2.90
2		-	①	6 mil Accenture PLC Class A	ss A	2.60
equity style	FORIOTIO STAUSTICS	Avg Index Cat	1	8 mil Honeywell International Inc	tional Inc	2.56 9
value Biend urowm	P/E Ratio TTM	0.85	1) (	_		2.53 <sup>↔</sup>
əb.	P/C Ratio TTM	0.93	1	_	Inc	2.51
bil		0.73	1	13 mil Duke Energy Corp		2.39
llsm2	\$mil	0.31	1	3 mil Northrop Grumman Corp	1 Corp	2.27
			① ①	9 mil Marsh & McLennan Companies Inc	n Companies Inc	2.06
Fixed-Income Style	Ava Eff Maturity	l	1 2	2 mil Thermo Fisher Scientific Inc	ntific Inc	2.04
Ltd Mod Ext	Avg Eff Duration	ı	① ②	8 mil Nestle SA		2.01
цбі	Avg Wtd Coupon	ı	① ①	6 mil Cigna Corp		2.00
beM	Avg Wtd Price	ı	① 5	5 mil Illinois Tool Works Inc	Inc	1.99
мод			Sector Weightings	ngs	Stocks %	Rel Std Index
Credit Quality Breakdown —	down —	Bond %	ົ ∿ Cyclical		29.9	1.03
AAA			Basic Materials	terials	4.0	1.75
A :		I	Consumer Cyclical	Cyclical	1.7	0.15
→     Image: Property of the property of		I	Financial Services	Services	23.9	1.86
BBB		1	Real Estate	te e	0.4	0.15
BB		I	- → Sensitive		34.7	0.75
В		1	- Communi	Communication Services	3.9	0.35
Below B		I	<ul><li>Energy</li></ul>		2.1	1.02
NR		ı	<ul> <li>Industrials</li> </ul>	S	17.9	2.05
Regional Evaceure	2+0045 %	Bal Std Inda	Technology	gy	10.8	0.45
Amaziana Amaziana	O COCKS A	O OO	) → Defensive	•	35.5	1.43
Allielicas	0.76	0.93	7	Consumer Defensive	77	1 03
Greater Europe	6./	7.63		TD C	20.5	1.45
Greater Asia	0.9	23.09	<b>3</b>		7.2	2.26

Tenure: Objective:

Manager: Family:

Multiple 18.8 Years Growth

Ticker:

MEIJX US55273H6356

Base Currency:

ISIN:

Minimum Initial Purchase:

\$0

Type: Total Assets: Incept:

Purchase Constraints:

A 04-01-2005

\$49,985.01 mil

MFS

Operations

# (USD) Rowe Price Growth Stock Morningstar Analyst Rating \*\* Overall Morningstar Rating \*\* \*\*\* USD) Morningstar Analyst Rating \*\* Overall Morningstar Rating \*\* \*\*\* 1,224 US Fund Large Growth

S&P 500 TR USD

Standard Index

Russell 1000 Growth TR USD Category Index

US Fund Large Growth Morningstar Cat

Performance 10-31-2020	-31-2020				
Quarterly Returns	1st Otr	2nd Otr	3rd Otr	4th Otr	Total %
2018	3.86	5.91	4.89	-14.10	-0.89
2019	15.92	3. 83	-1.15	10.08	30.98
2020	-14.62	27.75	12.19		19.23
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
oad-adj Mthly	28.47	16.31	15.93		16.18
Std 09-30-2020	34.71	1	18.60		17.07
Total Return	28.47	16.31	15.93	15.99	16.18
+/- Std Index	18.76	5.88	4.22	2.98	
+/- Cat Index	-0.75	-2.46	-1.39	-0.32	
% Rank Cat	36	48	36	23	
No. in Cat	1317	1224	1089	806	

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics. Performance Disclosure 30-day SEC Yield

7-day Yield 11-05-20

Subsidized

Unsubsidized

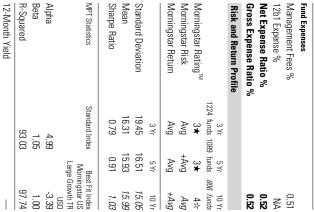
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principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data

month-end, please call 800-638-8790 or visit

Fees and Expenses	
Sales Charges	
Front-End Load %	NA
Deferred Load %	N.
Fund Expenses	
Management Fees %	0.51
12b1 Expense %	NΑ
Net Expense Ratio %	0.52
Gross Expense Ratio %	0.52
Risk and Return Profile	



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Credit Quality Breakdown AAA

мот

	ı	6.04	16.78	43.25		2009		1	99
	1	0.22	1.87	16.93		2010		<b>&amp;</b>	99
1	1	-3.61	-3.08	-0.97	L	2011		2	96
1	1	3.66	2.91	18.92		2012		*	98
1	1	5.72	6.81	39.20		2013		1	98
1	1	-4.22	-4.86	8.83		2014			97
1	ı	5.27	9.55	10.93	53.69	2015		<b>}}</b>	96
1463	යි	-5.50	-10.38	1.58	53.28	2016		<b>\$</b>	88
1363	귥	3.63	12.01	33.84	62.70	2017			99
1405	37	0.62	3.49	-0.89	57.15	2018		33	99
1360	61	-5.41	-0.51	30.98	73.39	2019			100
1329	1	-0.88	16.46	19.23	87.50	10-20		80k 60k 40k 20k	100
No. of Funds in Cat	% Rank Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Quartile (within category)	Growth of \$10,000  I. Rowe Price Growth Stock I 69,750 Category Average 53,018 Standard Index 46,352	Investment Style Equity Stocks %

Fixed-Income Style	Value Blend Growth	Portfolio Analysis 09-30-2020 Asset Allocation % Cash US Stocks Non-US Stocks Bonds Other/Not Clsfd Total
Avg Eff Maturity Avg Eff Duration Avg Wtd Coupon Avg Wtd Price	Portfolio Statistics Aug P/E Ratio TTM 37.0 P/C Ratio TTM 22.4 P/B Ratio TTM 23.4 Geo Avg Mkt Cap 235455 \$mil	<u>~</u> .
	Port Rel Avg Index 37.0 1.46 22.4 1.54 7.3 2.14 7.3 2.14 35455 1.52	3 % 44 44 .72 .84 .00
	Rel Cat 1.10 1.02 0.98 0.92	Short % 0.00 0.00 0.00 0.00 0.00 0.00
1 1 1 1 1		Share Chg since 06-2020
3 mil 4 mil 5 mil 7 mil 1 mil	6 mil 5 mil 1 mil 6 mil 994,984	Share Amount 2 mil 25 mil 31 mil 12 mil 9 mil
Netflix Inc UnitedHealth Group Inc PayPal Holdings Inc Fidelity National Information Serv Intuitive Surgical Inc	Alibaba Group Holding Ltd ADR Mastercard Inc A Alphabet Inc A Salesforce.com Inc Alphabet Inc Class C	Holdings: 85 Total Stocks, 0 Total Fixed-Income, 27% Turnover Ratio Amazon.com Inc Microsoft Corp Apple Inc Facebook Inc A Visa Inc Class A
2.35 1.93 1.75 1.57 1.50	2.87 2.81 2.78 2.60 2.60 2.37	Net Assets % 11.53 8.54 5.74 2.89

	157.05	3.74	0.91	Rel Std Index	I	1	I	1	1		l	2	Road 0/	
Utilities	♣ Healthcare	Consumer Defensive	→ Defensive	Technology	ndustrials	Energy	Communication Services	∨ Sensitive	Real Estate	Financial Services	Consumer Cyclical	Basic Materials	Դ Cyclical	Sector Weightings
0.0	9.9	0.0	9.9	33.9	7.0	0.0	17.5	58.5	0.0	9.5	21.8	0.4	31.6	Stocks %
0.00	0.70	0.00	0.40	1.40	0.80	0.00	1.57	1.27	0.00	0.74	1.92	0.16	1.09	Rel Std Index

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Manager: Family:

Joseph Fath 6.8 Years

Ticker:

Base Currency:

T. Rowe Price

Potential Cap Gains Exp

48.17%

Greater Asia Greater Europe Americas Regional Exposure

Stocks %

90.6 3.3 6.1

Tenure:

Objective:

Growth

Minimum Initial Purchase:

\$1 mil US7414794062

> Type: Incept:

Purchase Constraints:

08-28-2015

\$66,385.55 mil

Total Assets:

Release date 10-31-2020 Morningstar Cat

Page 5 of 34

### Vanguard Developed Markets Index Instl (USD)

2018 No. in Cat +/- Cat Index +/- Std Index Std 09-30-2020 Load-adj Mthly 2020 2019 Quarterly Returns % Rank Cat Total Return Trailing Returns Performance 10-31-2020 -24.03 10.25 -1.08 1st Otr -4.71 -2.10 -2.10 -4.71 2.12 772 1 17.49 2nd Otr -1.59 -0.71 -0.71-0.90 -0.90 3.27 3 Υ 661 47 3rd Qtr -0.63 -0.63 -0.98 5.59 1.09 3.63 5.80 3.63 563 5 Yr 39 -13.11 4th Otr 8.35 0.76 0.76 4.19 4.98 4.19 10 Yr 367 Total % -14.49 22.14 Incept 3.86 -9.19 4.07 3.86

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		7 Jan. Viald
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The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 888-809-8102 or visit www.vanguard.com.

### Sales Charges Fees and Expenses

Front-End Load % Deferred Load %	NA NA
Fund Expenses	
Management Fees %	0.04
12b1 Expense %	NA
Net Expense Ratio %	0.05
Gross Expense Ratio %	0.05

3* 4* Avg Avg Avg +Avg 5 Yr 10 Yr 14.21 14.80 3.63 4.19 0.24 0.31 Best Fit Index MSCI EAFE NIB USD 0.59 1.05 98.11 —— 11.77%	Avg Avg Avg Avg 14.2° 3.6° 0.2°	17.1.0. 🔞	Morningstar Rating <sup>TM</sup> Morningstar Risk Morningstar Return  Standard Deviation Mean Sharpe Ratio  MPT Statistics Alpha Beta R-Squared 12-Month Yield Potential Cap Gains Exp
10 Yr 367 funds	5 Yr	3 Yr 661 funds 56	Risk and Return Profile
0.05			Net Expense Ratio % Gross Expense Ratio %

823	62	-12.97	-12.97	28.48	10.96	2009			<b>(</b>							96		
829	66	-2.61	-2.61	8.55	11.60	2010				<b>\</b>	2					98		Morningst
817	32	1.09	1.09	-12.62	9.79	2011				<b>%</b>	)					99		ngstar A Id 019
786	40	1.87	1.87	18.70	11.27	2012				1	\					99		Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index  ▼ Gold  ★★★★  MSCI ACWI Ex 12-10-2019  661 US Fund Foreign Large USA NR USD Blend
791	23	6.87	6.87	22.15	13.37	2013										99		ating™
750	57	-1.85	-1.85	-5.72	12.18	2014										88		Overall Morningstar Ratin  ****  661 US Fund Foreign Large Blend
788	36	5.50	5.50	-0.17	11.83	2015					<b>}</b>					98		Morning Fund For
762	29	-2.04	-2.04	2.46	11.75	2016					{					97		<b>ystar Ra</b> eign Lar
756	34	-0.73	-0.73	26.46	14.43	2017						1				97		i <b>ting™</b> :ge
741	2	-0.29	-0.29	-14.49	11.97	2018										97		Standard Index MSCI ACWI Ex USA NR USD
732	41	0.63	0.63	22.14	14.16	2019					}					98		d Index CWI Ex USD
783	ı	-1.72	-1.72	-9.19	12.67	10-20					1	<b>)</b>				100		Cate MSC USA
								4	Š	2	:: 20k		: 40k	- 69. -	# # # # #			Category Index MSCI ACWI EX USA NR USD
No. of Fu	% Rank Cat	+/- Cateo	+/- Stand	Total Return %	NAV/Price	History	Performance Qı (within category)		21,250	Sta	19 G	20,440	Indi	Var	Growth	Stocks %	Investment Style Equity	D D
No. of Funds in Cat	Cat	+/- Category Index	+/- Standard Index	turn %	ю		Performance Quartile (within category)		250	Standard Index	Category Average 19.518	440	Index InstI	nguard D	Growth of \$10,000	8	ent Style	Morni US Fur Blend
at		×	×				artile			dex	verage			)evelope	6			Morningstar Cat US Fund Foreign Blend
														Vanguard Developed Markets				Morningstar Cat US Fund Foreign Large Blend

Portfolio Analysis 09-30-2020	is 09-30-2020						
Asset Allocation % Cash	Net % 0.13	Long % 0.13	Short % 0.00	Share Chg since	Share Amount	Holdings: 3,976 Total Stocks , 2 Total Fixed-Income,	Net Assets %
US Stocks	0.87	0.87	0.00	00-2020		2% Lullower hauto	
Non-US Stocks	98.92	98.92	0.00	1		Nestle SA	1.81
Bonds	0.04	0.04	0.00	<b>⊕</b>	4 mil	Roche Holding AG Dividend Right Ce	1.30
Other/Not CIsfd	0.05	0.05	0.00	•	29 mil	Samsung Electronics Co Ltd	1.22
Total	100.00	100.00	0.00	D O	14 mil 7 mil	Novartis AG SAP SE	1.02 0.95
Equity Style	Portfolio Statistics	Port Re		D (		Toyota Motor Corp	0.80
Value Blend Growth	P/E Ratio TTM	18.8 1.05	5 0.97	D (I		ASMI Holding NV	0.03
əfii	P/C Ratio TTM	8.8 1.00		D (	8 <u>m</u> .	AstraZeneca PLC	0.78
P!W		1.5 0.93	0.88	<b>D</b> (	78 mil	AIA Group Ltd	0.65
llsm2	\$mil	23630 0.61		1	2 mil	LVMH Moet Hennessy Louis Vuitton SE	0.63
				Ð	10 mil	10 mil Novo Nordisk A/S B	0.61

0.95 0.89 41

	1					D
→ Sensitive	Ę					88
Real Estate	E	I				BBB
	1	1				Þ
	Þ	I				₽
Basic Materia	þ	1				AA
Դ Cyclical	ح	Bond %	Credit Quality Breakdown —	litv Break	E Dea	Cred
Sector Weightings	Sec			мод		
5 mil	1	1	Avg Wtd Price	beM		Τ
9 mil	1		Avg Wtd Coupon	цбі		Τ
7 mil	①	- ×	Avg Eff Duration	E E	Mod	Etd
694,061	<b>①</b>		Ava Eff Maturit	Fixed-Income Style	d-Inco	Fixe
10 mil	<b>①</b>					

Siemens AG Royal Bank of Canada Sanofi SA Shopify Inc A

0.80 0.78 0.65 0.63 0.61 0.60 0.59 0.54

	0 78	1 25	1 03	Rel Std Index	I		I		1			8	Bond %	
Utilities	<b>★</b> Healthcare	Consumer Defensive	→ Defensive	Technology	Industrials	<b>▶</b> Energy	Communication Services	√ Sensitive	Real Estate	Financial Services	Consumer Cyclical	Basic Materials	Դ Cyclical	Sector Weightings
3.6	12.3	10.1	26.0	11.1	15.4	3.6	6.0	36.1	3.7	15.8	10.2	8.3	37.9	Stocks %
1.08	1.20	1.04	1.11	0.92	1.36	0.87	0.69	1.00	1.34	0.92	0.80	1.06	0.94	Rel Std Index

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Objective: Manager: Family:

Foreign Stock 7.8 Years Vanguard

Minimum Initial Purchase:

\$5 mil

Total Assets:

\$77,972.43 mil

US9219438820 VIMNX

Incept:

01-04-2001

Purchase Constraints:

Ticker:

Base Currency:

OSD

ISIN:

Tenure:

Operations

Greater Europe Greater Asia

9.5 52.0 38.5

Americas

Regional Exposure

Stocks %

묾 Below B

Release date 10-31-2020 Page 6 of 34

## Index Instl (USD) Vanguard Extended Market

Performance 10-31-2020

2nd Otr

3rd Otr

4th Otr

Total %

99

i 🔣

100

100

**1 1** 

**10** 

88

98

97

100

97

100

2019

2020 2018 Quarterly Returns

-27.99 0.16 15.99 1st Otr

31.15

9.87

4.26

3.04 5.99

-1.60 4.37

8.89

28.05

-18.18

-9.35

Trailing Returns

+/- Cat Index +/- Std Index

7.27 1.68

0.98 -2.68

1.21

0.31

-1.55 10.16 11.26 10.16

-1.30

No. in Cat % Rank Cat

406

369

301

213

Subsidized

Unsubsidized

32.68

39.34

18.50 45.86

ည္တစ္

12.52 27.59 41.27

2.11

-2.03 -5.69 -3.57

1.23 2.50

52

2009

2010

2011

2012

Std 09-30-2020 Load-adj Mthly

Total Return

11.39 12.99 11.39

7.75

11.71

8.69 8.68

7.75

11.71 12.12

8.68

3 Yr

5 Yr

10 Y

Incept

Morningstar Analyst Rating™ Overall Morningstar Rating™

★★★★ 08-19-2020 369 US Fund Mid-Cap Blend

Standard Index S&P 500 TR USD

OSU

Russell Mid Cap TR US Fund Mid-Cap Category Index Blend Morningstar Cat

Investment Style Equity Stocks % Growth of \$10,000

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year 30-day SEC Yield 11-04-20 7-day Yield (if applicable) Morningstar metrics. Performance Disclosure 1.06 1.06 37.69 11.22 -2.79 451

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

Portfolio Analysis 09-30-2020

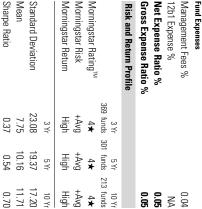
433 6

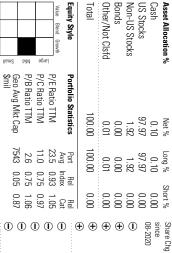
424

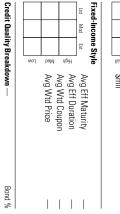
412 25

Fees and Expenses Sales Charges Front-End Load % NA

Deferred Load %	2
Fund Expenses	
Management Fees %	0.1
12b1 Expense %	7
Net Expense Ratio %	<u>e</u>
Gross Expense Ratio %	
Dick and Datum Drafile	







M		
Credit Quality Breakdown —		Bond %
AAA		
AA		
Α		1
BBB		
BB		
В		1
Below B		
NR		
Regional Exposure	Stocks %	Rel Std Index
Americas	98.3	0.99
Greater Europe	0.5	0.56
Greater Asia	1.3	32.05

Energy

7.2 1.3 10.6 22.2

0.90 0.64 0.67 1.21 0.92

Communication Services

Sensitive

Real Estate

Financial Services Consumer Cyclical

16.1 11.1 8.0

1.42 0.87 3.04

MPT Statistics

Standard Index

Best Fit Index Morningstar US Small Cap TR USD

Sharpe Ratio

0.70

Alpha

R-Squared Beta

1.23 90.14

0.97 97.91

-3.60

5.42

-						-	100k	
								Growth of \$10,000
					•			<ul> <li>Vanguard Extended Market</li> </ul>
		)		$\parallel$		}	40x	Index Instl 48 018
	\\	4	1				20k	— Category Average
								35,661
							10k	- Standard Index
								46,352
							4k	
	П							Performance Quartile
	3							
2013	2014	2015	2016	2017	2018	2019	10-20	History
2.75	66.60	63.58	72.72	84.75	75.69	95.60	98.83	NAV/Price
8.42	7.56	-3.24	16.15	18.12	-9.35	28.05	4.26	Total Return %
6.04	-6.13	-4.62	4.19	-3.71	-4.97	-3.43	1.49	+/- Standard Index
3.66	-5.65	-0.80	2.35	-0.40	-0.30	-2.49	5.98	+/- Category Index
≅	60	45	38	29	జ	ജ	1	% Rank Cat
399	369	432	427	443	464	404	412	No. of Funds in Cat

Bond %								0.00	75/13 0.05 0	0.75	0.93		-	100.00 0.					Long % Short %
Ð	— ე₊ Cvclical	Sector Weightings	1	(I)	<b>⊕</b>	①	1	①	1.06 1.06	1.9 ①	() ()	Cat II	<b>?</b>	0.00	0.00 ⊕	0.00 ⊕	0.00		t % Share Chg
Basic Materials	ica	ightings	9 mil	2 mil	3 mil	2 mil	513,068	4 mil	9 mil	2 mil	2 mil	2 mil	2 mil	18 mil	5 mil	2 mil	10 mil	Amount	Share
ls			Marvell Technology Group Ltd	Splunk Inc	Match Group Inc	Twilio Inc A	CoStar Group Inc	NXP Semiconductors NV	Blackstone Group Inc	Workday Inc Class A	Veeva Systems Inc Class A	Lululemon Athletica Inc	DocuSign Inc	Uber Technologies Inc	Square Inc A	Zoom Video Communications Inc	Tesla Inc	3,232 Total Stocks , 2 Total Fixed-Income 13% Turnover Ratio	Holdings:
2.7	37.9	Stocks %	p Ltd								Α					ions Inc		ed-Income,	
1.21	1.30	Rel Std Index	0.46	0.47	0.50	0.53	0.58	0.61	0.61	0.61	0.64	0. <b>68</b> 42	0.69	0.88	1.05	1.50	5.47	%	Net Assets

		Manager: Multiple		Operations
Minimum Initial Purchase:	ISIN:	Ticker:	Base Currency:	
\$5 mil	US9229088847	VIEIX	USD	
Total Assets:	Туре:	Incept:	Purchase Constraints:	
\$11,120.39 mil	MF	07-07-1997		

Potential Cap Gains Exp

1.25% 22.42%

Utilities

Healthcare Consumer Defensive Defensive Technology Industrials

**20.8** 3.2 15.7 1.9

**0.84** 0.42 1.11

12-Month Yield

Release date 10-31-2020 Page 7 of 34

## Vanguard Institutional Index (USD)

Morningstar Analyst Rating™ Overall Morningstar Rating™

★★★★★

03-06-2020

1,237 US Fund Large Blend

S&P 500 TR USD

Standard Index USD

Russell 1000 TR Category Index

US Fund Large Blend Morningstar Cat

Operations  Family:  Vanguard  Manager:  Multiple  Tenure:  19.9 Years  Objective:  Growth and Income	MPT Statistics Standard Index S&P Alpha -0.02 Beta 1.00 R-Squared 100.00  12-Month Yield Potential Cap Gains Exp	Gross Expense Ratio %  Risk and Return Profile  3 Yr 5 Yr 1237 funds 1071 funds  Morningstar Rating™ 4★ 4★ Morningstar Risk Avg Avg Morningstar Return +Avg +Avg  Morningstar Return 5 Yr  Standard Deviation 17.86 14.61  Mean 10.40 11.68  Sharpe Ratio 0.56 0.75	The performance and does not guarantee data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost.  Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 888-809-8102 or visit www.vanguard.com  Fees and Expenses  Sales Charges  Front-End Load %  Deferred Load %  NA  NA  Nanagement Fees %  Management Fees %  Management Fees %  NA  Not Expense Ratio %  NA  Not Expense Ratio %  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Our 3rd Our 4th 42 7.70 -13. 30 1.69 9. 55 8.92 Yr 5 Yr 10. 40 11.68 12
	Best Fit Index S&P 500 TR USD -0.02 1.00 100.00 184% 53.22%	0.04  10 Yr 825 funds 5★ Avg High 110 Yr 113.27 12.99 0.94		
Base Currency. Ticker: ISIN: Minimum Initial Purchase:	Below B NR Regional Exposure Americas Greater Europe Greater Asia	Credit Quality Breakdown  AAA  AAA  BBB  BBB	Portfolio Analysis 09-30-2020  Asset Allocation % Cash US Stocks Non-US Stocks Bonds Other/Not Clsfd  Total  Equity Style Portfolio Str P/C Ratio T P/C Ratio T P/B Ratio T P/	100 100 100 100 100 100 100 2010 2009 2010 2009 2010 101.98 115.01 26.63 15.05 0.17 -0.02 -1.80 -1.05 52 29 2027 2010
	G .	Avg Eff Maturity Avg Eff Duration Avg Wtd Coupon Avg Wtd Price	Portfolio St. Portfolio St. P/E Ratio T P/C Ratio T P/B Ratio T P/B Ratio T P/B Ratio T A Smil	100 100 100 100 100 100 100 100 100 100
USD VINIX US9220401007 \$5 mil	Stocks % 99.1 0.9 0.0	turity ation pupon ice	Net % Long % -0.68 0.04 99.75 99.75 0.00 0.00 0.00 0.00 100.72 entities Port Profit Arguer 14.9 1 TM 25.9 1 TM 3.6 1 TM	1000 1 1000 1 10
	Rel Std Index 1.00 1.00 1.00	Bond %	% Short % 0.72 0.75 0.00 0.00 0.00 0.00 0.07 72 0.72 72 0.72 72 0.72 74 1.03 1.06 1.02 0.98 1.04 1.02 0.74 1.02 0.74	100 100 100 100 100 100
Purchase Constraints: Incept: Type: Total Assets:	© Communica	<b>∺</b>	2020 A	100 1000 1000 1000 1000 1000 1000 1000
straints:	Communication Services Energy Industrials Technology  Defensive Consumer Defensive Healthcare Utilities		the state of the s	100 100 100 100 100 100 100 100 100 100
— 07-31-1990 MF \$231,628.46		Mastercard Inc A UnitedHealth Group Inc JPMorgan Chase & Co JPince S S ical ces	Total Fix SS C way Inc son e Co	1000 S 1000 S 1000 S 1000 S 1000 G 1000 G
 07-31-1990 MF \$231,628.46 mil	10.8 2.0 8.6 24.7 <b>24.8</b> 7.5 14.3	Stocks % 29.0 2.2 11.3 12.9 2.6	d-Income,	Investment Style Equity Stocks % Growth of \$10,000  Vanguard Institutional Index I 46,295 Category Average 37,891 Standard Index 46,352  Performance Quartile (within category) History NAV/Price Total Return % +/- Standard Index +/- Category Index +/- Category Index % Rank Cat No. of Funds in Cat
	0.97 1.01 0.99 1.02 <b>1.00</b> 1.00 1.01	Hel Std Index 1.08 1.07 1.04 1.00 0.99 1.00 1.00 1.00 1.01	Net Assets  Net Assets  6.73  5.76  4.85  2.28  1.59  1.56  1.53  1.42  1.21  1.21	utional Index I

43

## 2015 Instl (USD) Vanguard Instl Trgt Retire

2019

6.49 -7.39 -0.50

8.92 0.55 3.05

3.45 5 Yr

3.44

2018 Quarterly Returns

Performance 10-31-2020

1st Otr

2nd Otr

3rd Qtr

4th Otr -4.64 3.27

Total %

51

83

55 **=** 

88

61

1.77 1.37

14.88

-2.91

2020

Trailing Returns

1

3 Υ

10 Yr

Incept

5.50

5.72

5.47

6.17

7.77

Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index

§ Silver
03-13-20220

91 US Fund Target-Date 2015 Tgt Risk TR USD

Tgt Risk TR USD

Morningstar Mod

65 Morningstar TR USD Lifetime Mod 2015

Category Index 2015 US Fund Target-Date **Morningstar Cat** 

Page 8 of 34

6 8 8 10 10 10 Investment Style
Fixed-Income
Bond % Growth of \$10,000 13,058 13,424 Vanguard Instl Trgt Retire 2015 Instl Standard Index Category Average

4

: 20k

13,834

9

4 History Performance Quartile (within category)

14.88 -4.14 -1.41 2019 22.99 23.78 3.44 10-20 0.01 2.47 +/- Category Index % Rank Cat +/- Standard Index Total Return % NAV/Price

Net %		1
Long %		
Net % Long % Short %		1
Share Ch	3	
ō	122	+
Share Chg Share	142	
Holdings :	131   122   142   128   118	
Ctocke	118	ප 
Share Holdings: Amount 0 087 Tital Stocks 17 277 Total Fixed-Income	No. of Funds in Cat	70 FIGUR CAL
Net Ass		

						3	122	142	122 142 128 118	118	131   122   142   128   118 No. of Funds in Cat	
Portfolio Analysis 09-30-2020	<b>s</b> 09-30-:	2020										
Asset Allocation %		z	Net %	Long % Short %	Short %		e Chg	Share	Share Chg Share Holdings:			Net Assets
Cash		_	0 44	57	0 07	since		mount	9,983 Tota	Stocks, 17	Amount 9,983 Total Stocks , 17,273 Total Fixed-Income,	%

-0.83

0.11 -3.16

0.63

-2.30

1.85

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than

does not guarantee future results. The investment return and The performance data quoted represents past performance and

their original cost.

month-end, please call 800-662-7447 or visit www.vanguard.com quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data

> Bonds US Stocks

Non-US Stocks

20.47 14.05 64.63 0.42

20.47 14.05 65.02 0.42

0.00 0.00 0.39 0.00

08-2020

16% Turnover Ratio

Vanguard Total Bond Market II ldx Vanguard Total Stock Market Idx I

**Fees and Expenses** 

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year

(if applicable) Morningstar metrics.

30-day SEC Yield 10-26-20

1.79

1.80

Performance Disclosure

7-day Yield

No. in Cat

118

9 28

99 34

Subsidized

Unsubsidized

2009

2010

2011 2012

2013

2014

2015 2016 19.33

2017

2018

20.15 6.27

21.99 11.50

-2.91

20.64

+/- Cat Index +/- Std Index Total Return Std 09-30-2020 Load-adj Mthly

-0.21

-0.16

1.20

-0.78

0.02 5.47

5.72

6.17 7.11

5.77

% Rank Cat

					0.000	nd Grawth	yle			lot Clsfd		Stocks	Š
	llem	-	biM	agu						ď		٠,	
	\$mil		P/B Ratio TTM	P/C Ratio TTM	P/E Ratio TTM		Portfolio Statistics		100.00	0.42	64.63	14.05	
		54946		11.6					100.47	0.4	65.02	14.0	10.77
		1.42	1.16	1.12	1.09	Index	Re		7	2	2	01	•
		0.89	0.97	1.02	1.01	Cat	Rel	!	0.47	0.00	0.39	0.00	
	<b>1</b> . ⊐:	<b>3</b>	B	ج خ		Sector	(	<b>①</b>	<b>⊕</b>	<b>⊕</b>	•	•	)
-	Financial Serv	Consumer Cyc	Basic Materia	y cyclical		Sector Weightings		74 mil	52 mil	58 mil	22 mil	7/2 IIIII	010

Management Fees %

0.00

Fund Expenses

**Risk and Return Profile Gross Expense Ratio** % Net Expense Ratio % 12b1 Expense %

91

66

5 Yr funds

10 Yr 44 funds

0.09

0.09 K Deferred Load %

Σ Z

> Equity St Total Other/Not Clsfd

Vanguard Total Intl Bd Idx Admiral<sup>TM</sup>
Vanguard Shrt-Term Infl-Prot Sec I
Vanguard Total Intl Stock Index Inv

35.39 20.56 15.23 14.88 13.95

Front-End Load % Sales Charges

it Quali					Mod	d-Income Style	
it Quality Breakdown 09-30-2020	мот	paW A		₽ 6iH	Ext A	e Style	
<b>n</b> 09-30-2020		Avg Wtd Price	Avg Wtd Coupon	Avg Eff Duration	Avg Eff Maturity		
Bond %		111.45	2.12	6.09	7.51		

dit Quality Breakdown 09-30-2020	2020	Bond %
A		62.09
		8.01
		12.39
В		17.51
		0.00
		0.00
low B		0.00
		0.00
jional Exposure	Stocks %	Rel Std Index
nericas	62.8	1.02
eater Europe	17.4	1.03
eater Asia	19.8	0.93

tor Weightings	Stocks %	Rel Std Index 4
Cyclical	34.5	0.92
Basic Materials	4.6	0.94
Consumer Cyclical	12.2	1.17
Financial Services	14.1	0.96
Real Estate	3.6	0.49
Sensitive	41.7	1.1
Communication Services	9.2	1.20
Energy	2.8	0.88
Industrials	10.6	0.91
Technology	19.1	1.26
Defensive	23.7	0.96
Consumer Defensive	7.8	0.90
Healthcare	13.0	1.06
Utilities	3.0	0.76

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Tenure: Objective: Manager:

Multiple 5.4 Years Asset Allocation

Ticker:

VTI/X USD

Incept:

06-26-2015

\$8,916.56 mi

Purchase Constraints:

Type

Total Assets:

Base Currency:

Minimum Initial Purchase:

\$100 mil

US92202E8131

R-Squared

0.65 97.52

1.20

TR USD 0.38

Reg

Potential Cap Gains Exp

11.27%

2.42%

99.32

Am Gre

0.77

12-Month Yield

Hamily: Operations

Vanguard

Alpha

MPT Statistics

Standard Index

Best Fit Index Morningstar Lifetime Mod 2020

R Be

₿ 888

Sharpe Ratio

Standard Deviation

5.47 6.95

5.95 6.17

Morningstar Return Morningstar Risk Morningstar Rating™

+Avg

Cre

3 Υ

5 Yr Avg

10 Yr

8

Low 4

Low

Page 9 of 34

### 2020 Instl (USD) Vanguard Instl Trgt Retire

Performance 10-31-2020	-31-2020				
Quarterly Returns	1st Otr	2nd Otr	3rd Otr	4th Otr	Total %
2018	-0.58	0.63	2.40	-6.49	-4.21
2019	7.85	3.22	1.20	4.47	17.69
2020	-10.74	11.43	4.46		2.70
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	5.86	5.74	6.85	I	6.04
Std 09-30-2020	8.55		8.01	I	6.38
Total Return	5.86	5.74	6.85	1	6.04
+/- Std Index	1.35	0.28	-0.10		
+/- Cat Index	0.01	-0.29	0.12		
% Rank Cat	41	19	14		
No. in Cat	186	159	117		

		Performance Disclosure
1.92	1.90	30-day SEC Yield 10-26-20
1		7-day Yield
Unsubsidized	Subsidized	

2009

The Overall Morningstar flating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than The performance data quoted represents past performance and does not guarantee future results. The investment return and their original cost.

Portfolio Analysis 09-30-2020

Fees and Expenses month-end, please call 800-662-7447 or visit www.vanguard.com. quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data

Sales Charges Front-End Load %	NA
Deferred Load %	NA
Fund Expenses	
Management Fees %	0.00
12b1 Expense %	NA
Net Expense Ratio %	0.09
Gross Expense Ratio %	0.09
Rick and Return Profile	

0 440/			
99.49	7	99.27	R-Squared
0.78	87	0.87	3eta .
0.69	Ŏ	0.70	۸lpha
TR USD			
Morningstaı Lifetime Mod 2030	Lifetim		
Best Fit Index		Standard Index	MPT Statistics
	0.75	0.48	Sharpe Ratio
ı	6.85	5.74	Mean
ı	7.72	9.17	Standard Deviation
10 Yı	5Yr	3 Yr	
ı	+Avg	+Avg	Morningstar Return
1	Avg	Avg	Morningstar Risk
ı	4★	<b>4</b> *	Morningstar Rating™
78 funds	117 funds		
10 Yı	5Yr	3 Yr	
			Risk and Return Profile
0.09			Gross Expense Ratio %
0.09			Net Expense Ratio %
N			12b1 Expense %
0.00			Management Fees %
			fund Expenses
3			Colonia Con Co

No. of Funds in Cat	187 No	233	250	234	221	1	1		-	-		
% Rank Cat	%	26	40	15	25							1
+/- Category Index	-0.40 +/-	-0.04	-0.04	1.34	-0.62	I	I	I	l	ı	ı	: '
+/- Standard Index	1.73 +/-	-1.34	0.55	-0.53	-1.53	1	1	1	1	1	1	
Total Return %	2.70 Tot	17.69	-4.21	14.13	7.04			1		1	1	_ '
NAV/Price	24.76 NA	24.11	21.03	22.53	20.14	19.19						
History	10-20 <b>Hi</b>	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	9
Performance Quartile (within category)	Pe (wi											
13,834	10 <sub>k</sub>				1	<b>《</b>						
13,069 Standard Index	<b>1</b>											
13,824  Category Average												:
<ul> <li>Vanguard Instl Trgt Retire 2020 Instl</li> </ul>	40k											- :
Growth of \$10,000	7											
Investment Style Fixed-Income Bond %	,	48	47	4	42	4 🎚		<b>  </b>	I 🗏		I 🗏	:
US Fund Target-Date 2020 2020	Morningstar Lifetime Mod 2020 TR USD	star Mod FR USD	Morningstar Mod Tgt Risk TR USD		<b>★★★★</b> 159 US Fund Target-Date 2020	Fund Ta	**** 159 USI 2020			<b>ver</b> 020	<b>Silver</b> 03-13-2020	
	Category Index	Index	Standard Index		gstar Ra	Mornin	Overall	ating™	nalyst R	Morningstar Analyst Rating™ Overall Morningstar Rating™	Mornir	

8.69				AA
58.98				AAA
Bond %			down 09-30-2020	Credit Quality Breakdown 09-30-2020
				мод
111.07			Avg Wtd Price	рәу
2.26			Avg Wtd Coupon	1 4
6.37			Avg Eff Duration	ıgiH
06.7			Avg Ett Maturity	Ltd Mod Ext
3				Fixed-Income Style
. U.89	1.42	54930	\$mil	llsm2
	1.16	2.3	P/B Ratio TTM	biM
	1.12	11.6	P/C Ratio TTM	эбл
	1.09	21.9	P/E Ratio TTM	Value Blend Growth
cat Rel	Rel Index	Port Avg	Portfolio Statistics	ty Style
0.43	ಹ	100.43	100.00	Total
0.00	ති	0.36	0.36	Other/Not Clsfd
0.33	77	50.57	50.24	Bonds
0.00	æ	19.98	19.98	Non-US Stocks
0.00	9	29.0	29.09	US Stocks
0.10	ಹ	0.43	0.33	Cash
Short %		Lund %	Net %	ASSEL AHUCAHUH 76

				Ē		١				~	=	ı	
				la l						Mod	2		
				ity B						Ext	d-Income Style		
				reak	MOη	Ċ	baM	ι	lgiH	,	¥		
				it Quality Breakdown 09-30-2020			Avg Wtd Price	Avg Wtd Coupon	Avg Eff Duration	Avg Eff Maturity			
10 03	13.40	8.69	58.98	Bond %			111.07	2.26	6.37	7.90			

Itd Mod Ext	Avg Eff Maturity  Avg Eff Duration  Avg Wtd Coupon  Avg Wtd Price	7.90 6.37 2.26 111.07
	МОТ	
Credit Quality E	Credit Quality Breakdown 09-30-2020	Bond %
AAA		58.98
AA		8.69
Α		13.40
BBB		18.93
BB		0.00
В		0.00
Below B NR		0.00 0.00
N		0.00

	Cat Sector Weightings	(	€	0.43 ⊕ 135 mil V	<b>⊕</b>	⊕ 86 mil	0.00 ⊕ 629 mil V	o8-2020 Amount	Chg Share	
2	Stocks %	· ·	81 mil Vanguard Shrt-Term Infl-Prot Sec I	Vanguard Total Intl Bd Idx Admiral™	290 mil Vanguard Total Intl Stock Index Inv	Vanguard Total Stock Market ldx I	Vanguard Total Bond Market II ldx	10,291 lotal Stocks , 17,121 lotal Hixed-income, 13% Turnover Ratio	Holdings:	
3	Rel Std Index		8.43	12.86	19.85	29.21	29.65	%	Net Assets	

or Weightings	Stocks %	Rel Std Index 45
Cyclical	34.5	0.92
Basic Materials	4.6	0.94
Consumer Cyclical	12.2	1.17
Financial Services	14.1	0.96
Real Estate	3.6	0.49
Sensitive	41.7	1.11
Communication Services	9.2	1.20
Energy	2.8	0.88
Industrials	10.6	0.91
Technology	19.1	1.26
Defensive	23.7	0.96
Consumer Defensive	7.8	0.90
Healthcare	13.0	1.06
Utilities	3.0	0.76

Minimum Initial Purchase:	ISIN:	Ticker:	Base Currency:
\$100 mil	US92202E7976	VITWX	USD
Total Assets:	Туре:	Incept:	Purchase Constraints:
\$24,298.34 mil	MF	06-26-2015	I

Objective: Manager: Family:

Tenure:

Multiple 5.4 Years Asset Allocation

Vanguard

Potential Cap Gains Exp

2.41% 11.98%

Greater Europe Greater Asia

62.8 17.4 19.8

1.01 1.03 0.93

Americas

Regional Exposure

Rel Std Index

12-Month Yield

Operations

Page 10 of 34

# 2025 Instl (USD)

Vanguard Instl Trgt Retire

Performance 10-31-2020	)-31-2020				
Quarterly Returns	1st Otr	2nd Otr	3rd Otr	4th Otr	Total %
2018	-0.57	0.70	2.80	-7.73	-5.02
2019	8.79	3.39	1.09	5.25	19.67
2020	-12.94	13.19	5.17		2.22
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	5.92	5.96	7.34	I	6.40
Std 09-30-2020	9.08	I	8.66	I	6.78
Total Return	5.92	5.96	7.34	1	6.40
+/- Std Index	1.41	0.50	0.39		1
+/- Cat Index	0.53	-0.09	0.21		
% Rank Cat	41	20	13	1	
No. in Cat	214	182	142		

		Performance Disclosure
2.02	2.00	30-day SEC Yield 10-26-20
		7-day Yield
Unsubsidized	Subsidized	

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

Portfolio Analysis 09-30-2020

month-end, please call 800-662-7447 or visit www.vanguard.com. quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data Fees and Expenses

	Diale and Date Destile
0.09	Gross Expense Ratio %
0.09	Net Expense Ratio %
NA	12b1 Expense %
0.00	Management Fees %
	Fund Expenses
NA	Deferred Load %
NA	Front-End Load %
	Sales Charges

Deferred Load %			z
Fund Expenses			
Management Fees %			0.0
12b1 Expense %			z
Net Expense Ratio %			0.0
Gross Expense Ratio %			0.0
Risk and Return Profile			
	3 Yr	5Yr	10
	182 funds	142 funds	87 funi
Morningstar Rating™	4⊁	4 <b>★</b>	ı
Morningstar Risk	Avg	Avg	1
Morningstar Return	+Avg	+Avg	1
	3 Yr	5 Yr	10
Standard Deviation	10.77	9.00	ı
•	1	1	

Risk and Return Profile			
		5 Yr	10 Yr
	182 funds 14	142 funds	87 funds
Morningstar Rating™	<b>4★</b>	<b>4★</b>	ı
Morningstar Risk	Avg	Avg	ı
Morningstar Return	+Avg	+Avg	ı
	3 Yr	5 Yr	10 Yr
Standard Deviation	10.77	9.00	1
Mean	5.96	7.34	ı
Sharpe Ratio	0.45	0.70	ı
MPT Statistics	Standard Index		Best Fit Index Morningstar Mod Tgt Risk TR USD
Alpha	0.42		0.42
Beta	1.02		1.02
R-Squared	99.57		99.57
12-Month Yield			2.37%
Potential Cap Gains Exp			12.15%
Operations			
Family: Va	Vanguard		
	-		

Manager: Family:

Multiple

Ticker:

VRIVX US92202E7893

Base Currency:

ISIN:

Minimum Initial Purchase:

\$100 mil

Greater Europe Greater Asia

63.1 17.3 19.7

Americas Regional Exposure

Stocks %

Asset Allocation 5.4 Years

Tenure: Objective:

								Œ
11	ŀ	ı		1	2009			
1 1	ı	I	I		2010			Morningst Silver 03-13-2020
1 1	ı	1	1		2011			ngstar A Ver 1020
1 1	ı	1			2012			nalyst R
11	ı	1			2013			Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index  Silver  ★★★★  Morningstar Mo  182 US Fund Target-Date  Tgt Risk TR USD  2025
1 1	ı	1	1		2014		2002	<b>Overall</b> **** 182 US1
11	ı			19.07	2015		65	Overall Morningstar Rat ***  182 US Fund Target-Date
20 195	-0.83	-1.01	7.56	20.11	2016		92	<b>gstar Ra</b> rget-Dat
23 208	1.40	1.28	15.94	22.86	2017		82	ating™ !e
38 226	-0.12	-0.27	-5.02	21.17	2018		22	<b>Standar</b> Morning Tgt Risk
20 232	0.31	0.64	19.67	24.73	2019		60	Standard Index Morningstar Mod Tgt Risk TR USD
215	-0.04	1.26	2.22	25.28	10-20		59 1100k 80k 60k 40k 10k	
% Rank Cat No. of Funds in Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Qu (within category)	Investment Style Equity Stocks % Growth of \$10,000  Vanguard Inc 2025 Instl 14,103 Category Aw 13,439 Standard Ind 13,834	<b>dex</b> d 2025
at ds in Cat	ry Index	rd Index	rn %			Performance Quartile (within category)	ty ty ks %  vth of \$10,000  Vanguard Instl Trgt Retire 2,025 Instl 14,103 Category Average 13,439 Standard Index 13,834	Morningstar Cat US Fund Target-Date 2025

мод	paw Avg W	Avg Ef	Ltd Mod Ext Avg Ef	Fixed-Income Style	iiems Will A	P/B Ra	⊕ P/C Ra		County	Fauity Style Portfol	Total	Other/Not Clsfd	Bonds	Non-US Stocks	US Stocks	Cash	Asset Allocation %
	Avg Wtd Price	Avg Eff Duration Avg Wtd Coupon	Avg Eff Maturity		\$mil	P/B Ratio TTM	P/C Ratio TTM	P/E Ratio TTM	o oranga	Portfolio Statistics	100.00	0.33	39.84	24.06	35.50	0.27	Net %
					20109				Avg Ir		100.43	0.33	40.15	24.06	35.50	0.39	Long %
	110.14	7.05 2.60	8.86		.43 0.00	1.16 0.95	1.12 0.96	1.09 0.98	Index Cat		0.43	0.00	0.31	0.00	0.00	0.12	Short %
	<b>\$</b> 6	<b>1</b>	Ę	E	<b>a</b> [	Ð	¢	٠	S	(	Ð <b>⊕</b>	•	<b>①</b>	Œ	) 6	SINCE	Shar

d-Income Style	
me St	
yle	llsm2 biM
Avg Eff Maturity	P/B Ratio I I IVI Geo Avg Mkt Cap \$mil
	55169
	1.16 U.95 1.43 0.86
8.86	0.86

Fixed-Income Style	e Style	Avg Eff Maturity	8.86
	ИдіН	Avg Eff Duration Avg Wtd Coupon	7.05 2.60
	paM	Avg Wtd Price	110.14
	мот		
Credit Quality	Brea	Credit Quality Breakdown 09-30-2020	Bond %
AAA			51.44
AA			10.26
Þ			15.87
BBB			22.43
88			0.00
₩			0.00
Below B NR			0.00

Rel Std Index	Stocks %	ightings	Sector Weightings
0.49	7 mil Vanguard Shrt-Term Infl-Prot Sec I	7 mil	•
12.03	188 mil Vanguard Total Intl Bd Idx Admiral <sup>TM</sup>	188 mil	•
23.89	516 mil Vanguard Total Intl Stock Index Inv	516 mil	<b>①</b>
27.93	Vanguard Total Bond Market II ldx	877 mil	<b>(+)</b>
35.65	156 mil Vanguard Total Stock Market ldx I	156 mil	<b>①</b>
%	10,410 Total Stocks , 17,044 Total Fixed-Income , 9% Turnover Ratio	Amount	since 08-2020
Net Assets	Holdings:	Share	Share Chg

or Weightings	Stocks %	Rel Std Index 46
Cyclical	34.5	0.92
Basic Materials	4.6	0.93
Consumer Cyclical	12.2	1.17
Financial Services	14.1	0.96
Real Estate	3.6	0.49
Sensitive	41.7	1.11
Communication Services	9.2	1.20
Energy	2.8	0.88
Industrials	10.6	0.91
Technology	19.2	1.27
Defensive	23.8	0.96
Consumer Defensive	7.8	0.90

			0.93	1.02	1.02	Rel Std Index	0.00	0.00	0.00	0.00	22.43	15.87	10.26	51 44	0	
Type: Total Assets:	Incept:	Purchase Constraints:										Utilities	♣ Healthcare	Consumer Defensive	→ Defensive	Technology
MF \$36,069.61 mil	06-26-2015	l										3.0	13.0	7.8	23.8	19.2
												0.76	1.06	0.90	0.96	1.27

Page 11 of 34

## 2030 Instl (USD) Vanguard Instl Trgt Retire

2018 Quarterly Returns +/- Cat Index +/- Std Index Total Return Std 09-30-2020 Load-adj Mthly 2020 2019 % Rank Cat Trailing Returns Performance 10-31-2020 -14.77 1st Otr -0.56 5.87 9.43 5.87 9.56 1.40 1.35 39 0.78 3.39 14.57 2nd Otr 0.54 0.14 6.00 6.00 3 Υ 22 3rd Otr 0.87 5.71 3.11 0.20 0.71 7.66 9.13 7.66 5 Yr 24 -8.85 6.02 4th Otr 10 Yr Total % -5.82 21.14 Incept 6.58 6.58 1.67 7.00

		Porformance Dischasure
2.08	2.04	30-day SEC Yield 10-26-20
1	1	7-day Yield
Unsubsidized	Subsidized	

No. in Cat

192

149

Performance Disclosure
The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year The performance data quoted represents past performance and (if applicable) Morningstar metrics.

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than Current performance may be lower or higher than return data their original cost. does not guarantee future results. The investment return and

Fees and Expenses month-end, please call 800-662-7447 or visit www.vanguard.com. quoted herein. For performance data current to the most recent

	Risk and Return Profile
0.09	Gross Expense Ratio %
0.09	Net Expense Ratio %
NA	12b1 Expense %
0.00	Management Fees %
	Fund Expenses
NA	Deferred Load %
NA	Front-End Load %
	Sales Charges

Fund Expenses			
Management Fees %			0.00
12b1 Expense %			₹
Net Expense Ratio %			0.0
Gross Expense Ratio %			0.0
Risk and Return Profile			
	3 Yr 192 funds	5 Yr 149 funds	10 Y <i>89 funa</i>
Morningstar Rating™	4⋆	4⋆	1
Morningstar Risk	Avg	Avg	ı
Morningstar Return	+Avg	+Avg	
	3 Yr	5 Yr	10 Y
Standard Deviation	12.05	10.07	ı
Mean	6.00	7.66	ı
Sharpe Ratio	0.41	0.67	1

ISIN: Minimum Initial		5.4 Years Asset Allocation		다 안
Ticker:		Multiple	97.	· <
Base Currency:		Vanguard	Uperations Family: Va	Fa <b>ç</b>
Greater Asia	12.31%		Potential Cap Gains Exp	<b>1</b> 공
Greater Europe	2.37%		12-Month Yield	12
Americas	99.58	99.58	R-Squared	꾸
Regional Exposur		1.14	ta	Beta
3		0.08	Alpha	≥
Below B	<ul> <li>Best Fit Index</li> <li>Morningstar Mod</li> <li>Tgt Risk TR USD</li> </ul>	Standard Index	MPT Statistics	≨
8 8	0.67 —	0.41	Sharpe Ratio	S
R	7.66 —	6.00	Mean	≤
> }	10.07 —	12.05	Standard Deviation	St
AAA	5 Yr 10 Yr	3 Υr		
Credit Quality Bre	+Avg —	+Avg	Morningstar Return	<
	Avg —	Avg	Morningstar Risk	≤
	<b>4</b> ★	4 <b>★</b>	Morningstar Rating™	≤
	5 Yr 10 Yr 9 funds <i>89 funds</i>	3 Yr 192 funds 149		
			Risk and Return Profile	æ
Ltd Mod Ext	0.09		Gross Expense Ratio %	Ð
Eivad Income	0.09		Net Expense Ratio %	ž
	NA		12b1 Expense %	12
	0.00		Management Fees %	≤
			Fund Expenses	E I
_	NA		Deferred Load %	D
Value Blend Growth	3		FIGUREIIU EUGU /0	=

								-	-	- 1			-	:		10
		1				2009			:	:			-		Ш	
		I	I	1	1	2010										Morningst Silver 03-13-2020
I		I				2011										ngstar A Ver 1020
		ı				2012								1		nalyst F
		ı				2013										Rating™
		I			 	2014										<b>Overall</b> ★★★★ 192 US 2030
		I			18.94	2015			<b>«</b>					73		Morningstar Analyst Rating™ Overall Morningstar Rating™
221	29	-1.29	-0.60	7.97	20.05	2016								71		<b>gstar Ra</b> rget-Dat
234	29	0.97	2.91	17.57	23.12	2017			\					69		
239	ဒ္ဌ	0.01	-1.06	-5.82	21.24	2018			}					68		<b>Standaı</b> Morning Tgt Risk
241	29	-0.10	2.11	21.14	25.12	2019			1					67		Standard Index Morningstar Mod Tgt Risk TR USD
225		0.87	0.70	1.67	25.54	10-20		4 <sub>k</sub>	<b>1</b>	20k	40,	60 <sub>k</sub>	308 	67		Category Index d Morningstar Lifetime Mod 2030 TR USD
No. of Funds in Cat	% Rank Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Q (within category)	10,00+	- Star	— Categor	2030 In 14,264	- Van	Growth of \$10,000	Stocks %	Investment Style	Index tar //od 2030
nds in Cat	at	ory Index	ard Index	ım %	Ü		Performance Quartile (within category)	\ \frac{\dagger}{4}	Standard Index	Category Average 13.679	2030 Insti 14,264	Vanguard Instl Trgt Retire	f \$10,000		nt Style	Morningstar Cat US Fund Target-Date 2030

Bostolio Analusio no on onon	000000000						
			2	Charo Cho	Charo	Holdings.	Not
Asset Allocation /6	INCL /0	Louig /o	Olloit /o			10 10 H	
Cash	0.20	0.33	0.14	since	Amount	10,460 Lotal Stocks , 16,742 Lotal Fixed-Income ,	
US Stocks	40.21	40.21	0.00	0202-00		0% Lulliuvel nauo	
Non-US Stocks	27.22	27.22	0.00	<b>⊕</b>	1/2 mil	Vanguard Total Stock Market Idx I	
Bonds	32.10	32.35	0.25	<b>①</b>	570 mil	Vanguard Total Intl Stock Index Inv	
Other/Not Clsfd	0.28	0.28	0.00	<b>⊕</b>	696 mil	Vanguard Total Bond Market II ldx	
Total	100.00	100.39	0.39	•	150 mil	150 mil Vanguard Total Intl Bd Idx Admiral <sup>TM</sup>	
Equity Style	Portfolio Statistics		Re l	Sector Weightings	eightings	Stocks %	Rel Sto
Value Blend Growth	P/F Ratio TTM	Avg Index 21.9 1.09	a ×	Դ Cyclical	ical	34.5	
psude	P/C Ratio TTM			<b>.:</b> Basi	Basic Materials	ls 4.6	
iΜ	P/B Ratio TTM			Cong	Consumer Cyclical	lical 12.2	
S F				<b>⊕</b> Fina	Financial Services	ices 14.1	
llem	\$mil			Real Estate	Estate	3.6	

				, , ,
e Style			•	Constitute
Ext	Avg Eff Maturity	8.94	_	Communica
біН	Avg Eff Duration	7.11	_	Energy
ı 4	Avg Wtd Coupon	2.63		Industrials
pəy	Avg Wtd Price	110.06	<b>.</b>	Technology
ГОМ			1	Defensive
v Breakd	v Breakdown 09-30-2020	Bond %		Consumer D
,		50.75		Healthcare
		10.44		Otilities
		16.09		
		22.72		
		0.00		
		0.00		
		0.00		
		0.00		
osure	Stocks %	Rel Std Index		
	63.1	1.02		
ope	17.3	1.02		
മ	19.6	0.93		

1	ı				2012										1				
1	1 1		1		2013										1				
1	1				2014												2030	192 US	***
1	1 1			18.94	2015			<b>\$</b>	)						73			Fund Ta	
221	-1.29 29	-0.60	7.97	20.05	2016			•							71			192 US Fund Target-Date	
234	0.97 29	2.91	17.57	23.12	2017										69				
239	35	-1.06	-5.82	21.24	2018				}						88			Tgt Risk TR USD	Mornina
241	-0.10 29	2.11	21.14	25.12	2019				}						67			TR USD	Morningstar Mod
225	0.87	0.70	1.67	25.54	10-20		4k	10k	1	20k		40k	60 60 60 60 60 60 60 60 60 60 60 60 60 6	10 <u>k</u>	67		TR USD		d Morningstar
No. of Funds in Cat	+/- Category Index % Rank Cat	+/- Standard Index	Total Return %	NAV/Price	History	Performance Q (within category)		13,834	Stan	— Catego	14,264	Vang	Growth of \$10,000		Stocks %	Investment Style		d 2030	ar
ds in Cat	ory Index at	ard Index	rn %			Performance Quartile (within category)		34	Standard Index	Category Average	54	Vanguard Insti Irgt Retire 2030 Insti	\$10,000			nt Style		2030	US Fund Target-Date

0.90	7.8	fensive	Consumer Defensive	Cons	Bond %
0.96	23.8		Defensive	→ Defe	
1.27	19.2		Technology	■ Tech	110.06
0.91	10.6		Industrials	indu	2.63
0.88	2.8		gy	Energy	7.11
1.20	9.2	Communication Services	municatio	<b>⊞</b> Com	8.94
1.11	41.7		Sensitive	₩ Sen	
0.49	3.6		Real Estate	<b>₽</b> Real	
0.96	14.1	ices	Financial Services	: Final	
1.17	12.2	lical	Consumer Cyclical	Cons	16 0.95
0.93	4.6	lls	Basic Materials	Basi	
<b>0.92</b> 47	34.5		ical	∿ Cyclical	19 0 98 19 0 98
Rel Std Index	Stocks %		eightings	Sector Weightings	Rel
9.87	Vanguard Total Intl Bd ldx Admiral™	Vanguard Tota	150 mil	<b>⊕</b>	0.39
22.72	Vanguard Total Bond Market II ldx	Vanguard Tota	696 mil	<b>⊕</b>	0.00
27.02	Vanguard Total Intl Stock Index Inv	Vanguard Tota	570 mil	<b>⊕</b>	0.25
40.39	Vanguard Total Stock Market Idx I	Vanguard Tota	172 mil	<b>①</b>	0.00
ŏ	8% Turnover Ratio	8% Turnover Ratio	Allouit	08-2020	0.14
% Net Assets	be 16 7/12 Total Fixed-Income	10 ASO Total Stock	Amount	since city	Short %
Nin+ Anna+a		II.Idinas .	25.70	J	

Minimum Initial Purchase:

\$100 mil US92202E7711

Total Assets:

Incept: Type:

≨ 06-26-2015

\$35,454.92 mil

Purchase Constraints:

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# Vanguard Instl Trgt Retire 2035 Instl (USD)

Performance 10-31-2020

01011111100 10 01 2020	0.1010				
Quarterly Returns	1st Otr	2nd Otr	3rd Otr	4th Qtr	Total %
2018	-0.56	0.86	3.46	-9.95	-6.56
2019	10.28	3.45	0.70	6.68	22.56
2020	-16.51	15.92	6.24		1.10
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	5.78	6.00	7.96		6.76
Std 09-30-2020	9.70	I	9.58	I	7.22
Total Return	5.78	6.00	7.96	1	6.76
+/- Std Index	1.27	0.55	1.01		
+/- Cat Index	2.64	0.58	0.36		1
% Rank Cat	39	28	28	I	
No. in Cat	207	179	139		

Performance Disclosure
The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

30-day SEC Yield 10-26-20

7-day Yield

Subsidized 2.09

Unsubsidized

2.12

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-662-7447 or visit www.vanguard.com. Fees and Expenses

Sales Charges Front-End Load % Deferred Load %	N N
Fund Expenses	
Management Fees %	0.00
12b1 Expense %	NA
Net Expense Ratio %	0.09
Gross Expense Ratio %	0.09
Risk and Return Profile	

Perenten Foun /o			5
Fund Expenses			
Management Fees %			0.00
12b1 Expense %			NA
Net Expense Ratio %			0.09
Gross Expense Ratio %			0.09
Risk and Return Profile			
	3 Yr 179 funds 1	5 Yr 139 funds	10 Yr <i>84 funds</i>
Morningstar Rating™	<b>4★</b>	<b>4★</b>	
Morningstar Risk	Avg	Avg	
Morningstar Return	+Avg	+Avg	
	3 Yr	5Yr	10 Yr
Standard Deviation	13.33	11.12	
Mean	6.00	7.96	1
Sharpe Ratio	0.39	0.64	
MPT Statistics	Standard Index		Best Fit Index Morningstar Mod Agg Tgt Risk TR USD
Alpha	-0.27	7	0.83
Beta	1.26	6	0.95
R-Squared	99.43	ω	99.58
12-Month Yield			2.35%
Potential Cap Gains Exp			13.01%

								:			:		:	: :	:		(D	
	1	1	1	1		2009											_	
	ı	ı	1	I	1	2010											Worningsta Silver 03-13-2020	
	1	ı	1	1	l	2011											igstar A Ver 020	
	1	ı	1		1	2012					:						© Silver ★★★★ Morningstar Kating ** Overall Morningstar Kating ** Standard Index  ★★★★ Morningstar Mo  03-13-2020 179 US Fund Target-Date Tgt Risk TR USD  2035	
	ı	ı	ı			2013											ating	L TM
	ı	ı	1			2014											**** 179 US 2035	•
	ı	ı	1		18.82	2015			<b>\$</b>							88	verall Morningstar Rat ★★★★ 179 US Fund Target-Date 2035	
195	27	-1.68	-0.18	8.39	20.00	2016										78	<b>gstar Ka</b> rget-Dat	
208	32	0.62	4.48	19.14	23.37	2017			N							77	e <b>ing</b>	M
221	30	0.25	- <u>1</u> .83	-6.56	21.30	2018										75	Standar Morning Tgt Risk	2
229	88	-0.48	3.54	22.56	25.50	2019				}						75	Standard Index Morningstar Mod Tgt Risk TR USD	
208	ı	2.21	0.13	1.10	25.78	10-20		4		3					-	75		
								4	10k		: 20k		: 4 k		100k		Morningstar Lifetime Mod 20 TR USD	
No. of Funds in Cat	% Rank Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Quartile (within category)		13,834	- Ctanda	- Cate	14,420	Van 203	Growth of \$10,000	OTOCNO /0	Investment Style Equity	Morningstar Lifetime Mod 2035 TR USD	-
nds in C	at	ory Inde	ard Inde	urn %	Ф		nce Qu tegory)		13,834	od ard Ir	Category Average	120	Vanguard Instl Trgt Retire 2035 Instl	f \$10,00		nt Style	US Fu 2035	:
at		×	×				artile		20,	ndev Ver	verage		nstl Tr	9		•	und Ta	
											CD		gt Ret				Worningstar Cat US Fund Target-Date 2035	
													ire				Date	•

Portfolio Analysis 09-30-2020	<b>is</b> 09-30-2020					
Asset Allocation %	Net %	Long %	Short %	Chg Share	Holdings:	Net Assets
Cash	0.13	0.29	0.15	Amount	10,511 Total Stocks , 16,411 Total Fixed-Income ,	%
US Stocks	44.86	44.86	0.00		/% Lumbver natio	
Non-US Stocks	30.33	30.33	0.00	⊕ 1//mll	Vanguard Total Stock Market Idx I	45.06
Bonds	24.46	24.65	0.19	⊕ 584 mil	Vanguard Total Intl Stock Index Inv	30.11
Other/Not Clsfd	0.22	0.22	0.00	⊕ 476 mil	476 mil Vanguard Total Bond Market II ldx	16.91
Total	100.00	100.34	0.34	⊕ 111 mil	111 mil Vanguard Total Intl Bd Idx Admiral <sup>im</sup>	7.93
Equity Style	Portfolio Statistics		- B	Sector Weightings	Stocks %	Rel Std Index
Value Blend Growth	P/F Ratio TTM	Avg Index 21.9 1.09	28 E	Դ Cyclical	34.5	0.92
редер	P/C Ratio TTM			Basic Materials	lls 4.6	0.93
P!W	P/B Ratio TTM	2.3 1.16	0.96	Consumer Cyclica		1.17
S I	à	55214 1.43		Financial Services	ices 14.1	0.96
llem	\$mil			★ Real Estate	3.6	0.49

49

Fixed-Income Style			- selisi
Ltd Mod Ext	Avg Eff Maturity	8.97	Comm
	Avg Eff Duration	7.14	Energy
ı u	Avg Wtd Coupon	2.62	indust
paW	Avg Wtd Price	110.01	Techno
мод			→ Defen
Credit Quality Breakdown 09-30-2020	lown 09-30-2020	Bond %	Consu
AAA		50.08	l Health
AA		10.80	Oulline
Þ		16.27	
BBB		22.85	
BB		0.00	
В		0.00	
Below B		0.00	
NR		0.00	
Regional Exposure	Stocks %	Rel Std Index	
Americas	63.1	1.02	
Greater Europe	17.3	1.02	
Greater Asia	19.6	0.92	

Sector Weightings	Stocks %	Rel Std Index
ე <sub>r</sub> Cyclical	34.5	0.92
★ Basic Materials	4.6	0.93
Consumer Cyclical	12.2	1.17
Financial Services	14.1	0.96
Real Estate	3.6	0.49
₩ Sensitive	41.7	1.11
Communication Services	9.2	1.20
Energy	2.8	0.88
Industrials	10.6	0.91
Technology	19.2	1.27
Defensive	23.8	0.96
Consumer Defensive	7.8	0.90
Healthcare	13.0	1.06
Utilities	3.0	0.76

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Tenure: Objective:

Multiple 5.4 Years Asset Allocation

Ticker:

Base Currency:

USD

Purchase Constraints:

Minimum Initial Purchase:

\$100 mil VITFX US92202E7638

Type: Total Assets: Incept:

06-26-2015 MF \$32,526.08 mil

Family: Manager:

Vanguard

Operations

Page 14 of 34

# Vanguard Instl Trgt Retire 2040 Instl (USD)

2020 2019 2018 Quarterly Returns Trailing Returns Performance 10-31-2020 -18.24 11.00 1st Otr -0.55 17.25 2nd Otr 3.46 0.94 3 Υ 3rd Qtr 6.77 0.49 3.80 5 Yr -11.04 4th Qtr 7.40 10 Yr Total % 23.93 Incept 0.50 -7.31

2.18	2.14	SU	d 10-26-20	7-day Yield 30-day SEC Yield 10-26-20
	. 149	192	817	No. in Cat
		27	43 27 25	% Rank Cat

+/- Std Index

+/- Cat Index

3.65

0.64

0.52 1.01 5.98

Std 09-30-2020 Load-adj Mthly

9.93 5.63 5.63

10.00 8.24

6.90

5.98

8.24

6.90 7.39

Total Return

Performance Disclosure
The Overall Morningstar Rating is based on risk-adjusted returns,
derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

**0.92** 50 0.93 1.17

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

month-end, please call 800-662-7447 or visit www.vanguard.com quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data Fees and Expenses

### Sales Charges Deferred Load % Front-End Load % Z

Deletted Float 70			3
Fund Expenses			
Management Fees %			0.00
12b1 Expense %			NA
Net Expense Ratio %			0.09
Gross Expense Ratio %			0.09
Risk and Return Profile			
	3 Yr 192 funds 149	5 Yr 149 funds	10 Yr 89 funds
Morningstar Rating™	<b>4</b>	<b>4★</b>	
Morningstar Risk	Avg	Avg	1
Morningstar Return	+Avg	+Avg	
	3 Yr	5 Yr	10 Yr
Standard Deviation	14.61	12.19	1
Mean	5.98	8.24	
Sharpe Ratio	0.36	0.62	
MPT Statistics	Standard Index	Best Morning Agg Tg	Best Fit Index Morningstar Mod Agg Tgt Risk TR
Alpha	-0.63		0.57
Beta	1.38		1.05
R-Squared	99.25		99.62
12-Month Yield			2.32%
Potential Cap Gains Exp			13.17%

	1	I	1		1	2009												
	1	I			1	2010											Morningst  Silver  03-13-2020	:
	ı	I				2011											Worningstar Analyst Hating" " Overall Morningstar Rating" " Standard Index  ★★★★  Morningstar Morningstar Mo 192 US Fund Target-Date  Tgt Risk TR USD 2040	
	1	L	1			2012											nalyst K	
	1	I	ı	1		2013											ating	- TM
	1	ı	ı		1	2014											• ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ 192 US 2040	,
	ı	l	ı		18.69	2015			<b>\$</b>						88		Uverall Morningstar Kat ★★★★ 192 US Fund Target-Date 2040	;
221	23	-1.80	0.24	8.81	19.94	2016									8		<b>gstar Ka</b> rget-Dat	
234	23	0.87	6.08	20.73	23.62	2017			1						84		e <b>ting</b>	- TM
239	34	0.34	-2.56	-7.31	21.37	2018									8		Standar Morning Tgt Risk	•
241	40	-0.42	4.91	23.93	25.88	2019				}					82		Standard Index Morningstar Mod Tgt Risk TR USD	
219	1	3.26	-0.46	0.50	26.01	10-20		4 <sub>k</sub>	10k	<b>\</b>	20k		40k		83 100k		Gategory Index  Morningstar Lifetime Mod 2040 TR USD	
No. of Funds in Cat	% Rank Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Qu (within category)		13,834	13,9/6	— Cate	14,555	Vang	Growth of \$10,000	Stocks %	Investment Style Equity	Index tar /lod 2040	
ds in Cat	at .	ry Index	ırd Index	rn %			Performance Quartile (within category)		13,834	76 15do:	Category Average	55	Vanguard Instl Trgt Retire	\$10,000		nt Style	Morningstar Cat US Fund Target-Date 2040	

0.49	3.6	★ Real Estate			\$mil	llem
0.96	ces 14.1	Financial Services	0.94	55188 1.43		s
1.1/		Consumer Cyclica	0.96	2.3 1.16	P/B Ratio TTM	P!W
0.93	4.0	Basic Materials		11.6 1.12	P/C Ratio TTM	эбл
0.92		்டு Cyclical	0.98	21.9 1.09	P/E Ratio TTM	Value Blend Growth
Rel Std Index	Stocks %	Sector Weightings	GE R	Port Rel	Portfolio Statistics	<b>Equity Style</b>
5.37	67 mil Vanguard Total Intl Bd Idx Admiral <sup>IM</sup>	⊕ 67 mil	0.30	100.30	100.00	Total
11.89	297 mil Vanguard Total Bond Market II ldx	⊕ 297 mil	0.00	0.16	0.16	Other/Not Clsfd
33.18	5/U mil Vanguard Total Intl Stock Index Inv	⊕ 5/Umil	0.13	17.15	17.02	Bonds
49.5/	valigualu Tutal Stuck Ivlaiket lux i	÷ 1/2	0.00	33.41	33.41	Non-US Stocks
40 E7	Vonctional Total Ctark Northat Ideal	170	0.00	49.35	49.35	US Stocks
%	Amount 10,536 lotal Stocks , 15,793 lotal Fixed-Income , 5%. Turnover Ratio	ng_2020 Amount	0.17	0.22	0.06	Cash
Net Assets	Holdings:	Chg	Short %	Long %	Net %	Asset Allocation %
					is 09-30-2020	Portfolio Analysis 09-30-2020

Fixed-Income Style	inco	me Si	ě		
Ltd	Mod	Ē		Avg Eff Maturity	8.96
			ìН	Avg Eff Duration	7.12
			ų	Avg Wtd Coupon	2.62
			baM	Avg Wtd Price	
			мот		
Credi	t Qua	lity B	reak	Credit Quality Breakdown 09-30-2020	Bond %
₽					50.41
A					10.62
₽					16.18
BBB					22.79

Utilities

Healthcare Defensive

Consumer Defensive

**23.8** 7.8 13.0 3.0

**0.96** 0.90 1.06 0.76

Energy

9.2 9.2 2.8 10.6 19.2

0.96 0.49 **1.11** 1.20 0.88 0.91 1.27

Sensitive

Communication Services

Technology

Industrials

Credit Quality Breakdown 09-30-2020	9-30-2020	Bond %
AAA		50.41
AA		10.62
Α		16.18
BBB		22.79
BB		0.00
В		0.00
Below B		0.00
NR		0.00
Regional Exposure	Stocks %	Rel Std Index
Americas	63.1	1.02
Greater Europe	17.3	1.02
Greater Asia	19.6	0.93

te agreement, you may use this report on n of Morningstar, (2) may include, or be d nent advice offered by Morningstar, (5) ar se required by law, Morningstar shall not if the date written and are subject to char	Minimum Initial Purchase:	ISIN:	Ticker:	Base Currency:
ly in the country in which its original distril erived from, account information provided to provide solely for informational purpose to be provided solely for informational purpose to the responsible for any trading decisions, of the institution of its livestment research.	\$100 mil	US92202E7554	VIRSX	USD
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and erified by MOR escurity, do to this star, Inc.	\$28,877.06 mil	MF	06-26-2015	I

Tenure: Objective: Manager: Family:

> Multiple 5.4 Years Vanguard

Asset Allocation

Operations

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### 2045 Instl (USD) Vanguard Instl Trgt Retire

Performance 10-31-2020

		139	179	207	No. in Cat
	ı	24	28	45	% Rank Cat
	1	0.84	1.34	4.30	+/- Cat Index
	1	1.41	0.51	1.04	+/- Std Index
7.01	ı	8.36	5.97	5.55	Total Return
7.53	I	10.16	1	10.17	Std 09-30-2020
7.01		8.36	5.97	5.55	Load-adj Mthly
Incept	10 Yr	5 Yr	3 Yr	1 Yr	Trailing Returns
0.00		7.32	18.65	-19.90	2020
25.07	8.02	0.32	3.48	11.54	2019
-7.87	-11.80	4.02	0.97	-0.55	2018
Total %	4th Otr	3rd Qtr	2nd Otr	1st Otr	Quarterly Returns

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics. Performance Disclosure

30-day SEC Yield 10-26-20

2.18

2.23

7-day Yield

Subsidized

Unsubsidized

2009

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

month-end, please call 800-662-7447 or visit www.vanguard.com quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data Fees and Expenses

Gross Expense Ratio %	Net Expense Ratio %	12b1 Expense %	Management Fees %	Fund Expenses	Deferred Load %	Front-End Load %	Sales Charges
0.09	0.09	NA	0.00		¥	NA	

Fund Expenses			
Management Fees %			0.00
12b1 Expense %			NA
Net Expense Ratio %			0.09
Gross Expense Ratio %			0.09
Risk and Return Profile			
	3 1/1	5 Yr	10 Yr
!	179 funds	139 funds	83 funds
Morningstar Rating™	4⋆	4*	
Morningstar Risk	Avg	Avg	
Morningstar Return	+Avg	+Avg	
	3 Yr	5Yr	10 Yr
Standard Deviation	15.69	12.99	
Mean	5.97	8.36	
Sharpe Ratio	0.35	0.59	I
MPT Statistics	Standard Index	~	Best Fit Index Morningstar Mod Agg Tgt Risk TR
			5

	: '	_ '			Ф			
1 1					2010		I III	Morningst Silver 03-13-2020
1 1	i I				2011		1	Morningstar Analyst Rating™ Overall Morningstar Rating™
1 1	ı				2012		l ⊞	nalyst R
1 1	i I				2013		I III	ating™
1 1	1				2014		2045	Overall **** 179 US
1 1	1			18.69	2015		88 🖽	Overall Morningstar Rati
195	-1.90	0.37	8.94	19.97	2016		88 🖽	gstar Ra
23 208	0.94	6.81	21.47	23.80	2017		88 1	
40 221	0.30	<u>ن</u> ى 11	-7.87	21.41	2018		* 🖽	Standard Index Morningstar Mo Tgt Risk TR USD
38 229	0.10	6.05	25.07	26.18	2019		89	Standard Index Morningstar Mod Tgt Risk TR USD
208	3.72	-0.97	0.00	26.18	10-20		90 100k 80k 40k	
% Rank Cat  No. of Funds in Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Quartile (within category)	Investment Style Equity Stocks % Growth of \$10,000  Vanguard Instl Trgt Retire 2045 Instl 14,635  Category Average 14,120  Standard Index 13,834	Index Morningstar Cat  US Fund Target-Date  Mod 2045 2045

0.49	3.6	Real Estate			\$mil	llen
0.96	ces 14.1	Financial Services	0.94	55236 1.43	Geo Avg Mkt Cap	nS
1.1/		Consumer Cyclica	0.96	2.3 1.16	P/B Ratio TTM	P!M
0.93	S 4.6	Basic Materials		11.6 1.12	P/C Ratio TTM	эбле
0.92		டு Cyclical	0.98	21.9 1.09	P/E Ratio TTM	Value Blend Growth
Rel Std Index	Stocks %	Sector Weightings	Çæ.		Portfolio Statistics	Equity Style
3.14	33 mil Vanguard Total Intl Bd Idx Admiral <sup>™</sup>	⊕ 33 mil	0.25	100.25	100.00	Total
6.42	Vanguard Total Bond Market II ldx	⊕ 138 mil	0.00	0.10	0.10	Other/Not Clsfd
36.20	Vanguard Total Intl Stock Index Inv	⊕ 535 mil	0.07	9.53	9.46	Bonds
54.24	vanguard Total Stock Market lox I	⊕ 102 mil	0.00	36.46	36.46	Non-US Stocks
E A	Vonctional Total Ctark Norther Ideal	163 8:1	0.00	54.00	54.00	US Stocks
%	10,574 Total Stocks , 14,492 Total Hixed-Income , 4% Turnover Ratio	SINCE AMOUNT	0.18	0.17	-0.01	Cash
Net Assets	Holdings:	Chg Share	Short %	Long %	Net %	Asset Allocation %
					is 09-30-2020	Portfolio Analysis 09-30-2020

Fixed-Income Style	/le	
Ltd Mod Ext	Avg Eff Maturity	8.98
	Avg Eff Duration	7.15
		2.61
	Avg Wtd Price	
	гом	
Credit Quality Br	Credit Quality Breakdown 09-30-2020	Bond %
AAA		49.70
AA		11.01
Þ		16.37
BBB		22.92

Sector Weightings	Stocks %	Rel Std Index
Դ Cyclical	34.5	<b>0.92</b> 51
Basic Materials	4.6	0.93
Consumer Cyclical	12.2	1.17
Financial Services	14.1	0.96
Real Estate	3.6	0.49
∨ Sensitive	41.7	1.11
■ Communication Services	9.2	1.20
<b>♦</b> Energy	2.8	0.88
ndustrials	10.6	0.91
Technology	19.2	1.27
→ Defensive	23.8	0.96
Consumer Defensive	7.8	0.90
◆ Healthcare	13.0	1.06
Utilities	3.0	0.76

Objective:	Tenure:	Manager:	Family:	Operations	Potential Cap Gains Exp	12-Month Yield
Asset Allocation	5.4 Years	Multiple	Vanguard		Exp	
					12.77%	2.29%
Minimum Initial Purchase:	ISIN:	Ticker:	Base Currency:			Greater Asia
\$100 mil	US92202E7489	VITLX	USD			19.6
_	_	_	Р			0.92
otal Assets:	Туре:	ncept:	Purchase Constraints:			
\$24,759.47 mil	MF	06-26-2015	1			

R-Squared Beta

1.48 99.14 -0.91

99.65 USD 0.37 1.12

Americas

Regional Exposure

Stocks %

Rel Std Index

0.00 0.00 0.00 0.00

63.2 17.2 19.6

1.02 1.02 0.92

Below B

888

묾

Greater Europe Greater Asia

Alpha

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### 2050 Instl (USD) Vanguard Instl Trgt Retire

Performance 10-31-2020

Quarterly Returns	1st Otr	2nd Otr	3rd Qtr	4th Qtr	Total %
2018	-0.55	0.97	4.01	-11.79	-7.87
2019	11.52	3.47	0.32	8.02	25.05
2020	-19.87	18.61	7.34		0.04
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	5.56	5.98	8.36		7.02
Std 09-30-2020	10.21	1	10.16	I	7.53
Total Return	5.56	5.98	8.36	l	7.02
+/- Std Index	1.04	0.52	1.41		
+/- Cat Index	4.61	1.54	0.92	1	
% Rank Cat	43	29	26	ı	
No. in Cat	218	192	149		

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year Performance Disclosure 30-day SEC Yield 10-26-20 7-day Yield 2.18

Subsidized

Unsubsidized 2.24

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

(if applicable) Morningstar metrics.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-662-7447 or visit www.yanguard.co

Fees and Expenses Sales Charges  Front-End Load %  NA
---

Front-End Load % Deferred Load %	NA NA
Fund Expenses	
Management Fees %	0.00
12b1 Expense %	NA
Net Expense Ratio %	0.09
Gross Expense Ratio %	0.09
Risk and Return Profile	

Fixed-Income Style

ЧбіН baM

Avg Eff Maturity Avg Eff Duration Avg Wtd Coupon Avg Wtd Price

8.99 7.16 2.61

Energy

9.2 9.2 2.8 10.6 19.2

0.96 0.49 **1.11** 1.20 0.88 0.91 1.27

Communication Services

Sensitive

Technology Industrials

**23.8** 7.8 13.0 3.0

**0.96** 0.90 1.06 0.76

Fund Expenses			
Management Fees %		_	0.00
12b1 Expense %			$\mathbb{R}$
Net Expense Ratio %		_	0.09
Gross Expense Ratio %		_	0.09
Risk and Return Profile			
	3 Yr 192 funds 149	5 Yr 149 funds <i>79 i</i>	10 Yr 79 funds
Morningstar Rating™	4 <b>★</b>	<b>*</b>	
Morningstar Risk	Avg	Avg	
Morningstar Return	+Avg	+Avg	
	3 Yr	5Yr	10 Yr
Standard Deviation	15.70	12.99	
Mean	5.98	8.36	
Sharpe Ratio	0.35	0.59	
MPT Statistics	Standard Index	Best Fit Index Morningstar Mod Agg Tgt Risk TR	Mod K TR
Alpha	-0.90		0.38
Beta	1.48		1.12
R-Squared	99.12	90	99.64
12-Month Yield		2.2	2.26%
Potential Cap Gains Exp		11.39%	39%

1	1	-		09	ШШ			
1	ı			2010			03-13-2 13-2	Mornin
	ı	1	1	2011		1	020 020	ıgstar A
1	ı			2012		1 🖽		nalyst R
	ı	1	1	2013		1 🖽		ating™
	1			2014		2050	**** 192 US	Morningstar Analyst Rating <sup>™</sup> Overall Morningstar Rating <sup>™</sup>
1	1	1	18.69	2015		89	· Fund Ta	Mornin
-1.94	0.38	8.95	19.98	2016		88 1	rget-Dat	gstar Ra
0.69	6.81	21.47	23.82	2017		88 1		
0.54		-7.87	21.44	2018		***************************************	Morning Tat Risk	Standar
-0.03	6.03	25.05	26.22	2019		88 1	ıstar Mo TR USD	Standard Index
4.14	-0.93	0.04	26.23	10-20		TR USD 91 100k 80k 60k 40k 4k		Category Index
+/- Categ	+/- Stand	Total Ret	NAV/Pric	History	Performa (within car	Investme Equity Stocks 9 Stocks 9 Growth a 205 14,6 — Catt 14,6 — Star 13,8	d 2050	Index
lory Index	lard Index	urn %	е		ı <b>nce Quartile</b> tegory)	of Style  of \$10,000  of \$10,000  of \$10,000  of Instl  of Instl	US Fund Target-Date 2050	Morningstar Cat
	0.69 0.54 -0.03	—     —     —     0.38     6.81     -3.11     6.03     -0.93       —     —     —     -1.94     0.69     0.54     -0.03     4.14	—     —     —     8.95     21.47     -7.87     25.05     0.04       —     —     —     0.38     6.81     -3.11     6.03     -0.93       —     —     —     -1.94     0.69     0.54     -0.03     4.14	—     —     18.69     19.98     23.82     21.44     26.22     26.23       —     —     —     8.95     21.47     -7.87     25.05     0.04       —     —     —     0.38     6.81     -3.11     6.03     -0.93       —     —     —     -1.94     0.69     0.54     -0.03     4.14	2010         2011         2012         2013         2014         2015         2016         2017         2018         2019         10-20	2010   2011   2012   2013   2014   2015   2016   2017   2018   2019   10-20	2050  TR USD  TR USD	Silver

Value Blend Gowth  Illews pipw editer	Portfolio Analysis 09-30-2020 Asset Allocation % Cash US Stocks Non-US Stocks Bonds Other/Not Clsfd Total
Portfolio Statistics P/E Ratio TTM P/C Ratio TTM P/B Ratio TTM P/B Ratio TTM Geo Avg Mkt Cap \$mil	\$09-30-2020 Net % -0.02 54.15 36.60 9.17 0.10 100.00
Port Rel Avg Index 21.9 1.09 11.6 1.12 2.3 1.16 55218 1.43	Long % 0.17 54.15 36.60 9.23 0.10
Rel Cat 0.98 0.96 0.97 0.96	Short % 0.18 0.00 0.00 0.07 0.07 0.25
Sector Weightings  Or Cyclical  Basic Materials  Consumer Cyclical Financial Services  Real Estate	Share Chg Share since Amount 08-2020 126 mil ⊕ 418 mil ⊕ 103 mil ⊕ 26 mil
Stocks %  34.5  18  4.6  12.2  10es  14.1  3.6	Share Holdings: Amount 10,574 Total Stocks , 14,390 Total Fixed-Income 3% Tumover Ratio 26 mil Vanguard Total Stock Market Idx I Vanguard Total Intl Stock Index Inv 118 mil Vanguard Total Bond Market II Idx 26 mil Vanguard Total Intl Bd Idx Admiral Vanguard Total Intl Idx Intl Vanguard Total Intl Intl Intl Intl Intl Intl Intl Int
Rel Std Index 0.92 0.93 1.17 0.96 0.49	Net Assets % 54.39 36.34 6.17 3.10

**0.92** 52

мод			- ' :
Credit Quality Breakdown 09-30-2020	-2020	Bond %	
AAA		49.44	I HealthCale
AA		11.15	Offillies
A		16.44	
BBB		22.97	
BB		0.00	
В		0.00	
Below B		0.00	
NR		0.00	
Regional Exposure	Stocks %	Rel Std Index	
Americas	63.1	1.02	
Greater Europe	17.3	1.02	
Greater Asia	19.6	0.92	

Minimum Initial Purchase:	ISIN:	Ticker:	Base Currency:
\$100 mil	US92202E7307	VTRLX	USD
Total Assets:	Туре:	Incept:	Purchase Constraints:
\$19,344.84 mil	MF	06-26-2015	I

Objective: Manager: Family:

Asset Allocation

Tenure:

Multiple 5.4 Years Vanguard Operations

Page 17 of 34

### 2055 Instl (USD) Vanguard Instl Trgt Retire

Performance 10-31-2020

2020 2019 2018 Quarterly Returns No. in Cat +/- Cat Index +/- Std Index Std 09-30-2020 Load-adj Mthly % Rank Cat Total Return Trailing Returns -19.87 -0.54 11.53 1st Otr 10.24 4.75 1.05 5.57 5.57 207 2nd Otr 18.63 0.53 1.66 5.99 5.99 0.97 3.50 179 3 Υ 27 3rd Qtr 8.36 10.17 4.01 0.28 0.97 8.36 7.35 1.41 136 5 Yr  $\frac{3}{3}$ -11.76 4th Otr 8.03 10 Yr Total % 25.06 Incept 0.04 -7.84 7.02 7.55 7.02

justed returns,	s based on risk-au	Performance Disclosure The Overall Morningstar Rating is based on risk-adjusted returns,
2.24	2.18	30-day SEC Yield 10-26-20
		7-day Yield
Unsubsidized	Subsidized	

(if applicable) Morningstar metrics. derived from a weighted average of the three-, five-, and 10-year

The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-662-7447 or visit www.vanguard.com. Fees and Expenses

Front-End Load % Deferred Load %	N N
Fund Expenses	
Management Fees %	0.00
12b1 Expense %	NA
Net Expense Ratio %	0.09
Gross Expense Ratio %	0.09
Rick and Return Profile	

000000000000000000000000000000000000000			5
Fund Expenses			
Management Fees %			0.00
12b1 Expense %			NA
Net Expense Ratio %			0.09
Gross Expense Ratio %			0.09
Risk and Return Profile			
	3 Yr	5Yr	10 Yr
	179 funds	136 funds	35 funds
Morningstar Rating <sup>™</sup>	4 <b>★</b>	<b>4</b> *	1
Morningstar Risk	-Avg	Avg	1
Morningstar Return	+Avg	+Avg	
	3 Yr	5 Yr	10 Yr
Standard Deviation	15.69	12.98	
	1	)	

100100 70			
Net Expense Ratio %			0.09
Gross Expense Ratio %			0.09
Risk and Return Profile			
	3 Yr	5Yr	10 Yr
	179 funds 1	136 funds	35 funds
Morningstar Rating™	4★	<b>4★</b>	
Morningstar Risk	-Avg	Avg	
Morningstar Return	+Avg	+Avg	
	3 Yr	5 Yr	10 Yr
Standard Deviation	15.69	12.98	
Mean	5.99	8.36	
Sharpe Ratio	0.35	0.59	
MPT Statistics	Standard Index	Mor	Best Fit Index Morningstar Mod
		Agg	Agg I gt Hisk I H USD
Alpha	-0.89	9	0.39
Beta	1.48	00	1.12
R-Squared	99.12	2	99.63
12-Month Yield			2.16%
Potential Cap Gains Exp			9.51%
Operations			

	· . · • • • • • • • • • • • •
2009	
2010	Morningst
	ver 1020
2012	nalyst R
2013	Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index  *****  03-13-2020  179 US Fund Target-Date  Tgt Risk TR USD  2055
2014	Overall **** 179 US 2055
2015	Overall Morningstar Rat  **** 179 US Fund Target-Date 2055
2016 2016 20.00 8.94 0.37 -1.96 27	gstar Ranget-Dat
2017 23.86 21.47 6.82 0.52 43	e e sating Tw
2018 2018 21.50 -7.84 -3.08 0.73 32 221	Standar Morning Tgt Risk
2019 2019 26.32 25.06 6.03 0.01 47 229	Standard Index Morningstar Mod Tgt Risk TR USD  88 89
10k 4k 10-20 10-20 26.33 0.04 -0.93 4.27 208	'            m
Performance Quartile (within category) History NAV/Price Total Return % +/- Standard Index +/- Category Index % Rank Cat No. of Funds in Cat	Category Index Morningstar Cat Morningstar US Fund Target-Date Lifetime Mod 2055 2055 TR USD  Investment Style Equity 30 Stocks % Growth of \$10,000 Vanguard Inst! Trgt Retire 2055 Inst! 14,633 Category Noringstar Cat
	get-Date

0.49	3.6				\$mil	ller
0.96	ices 14.1	Financial Services	0.94	55056 1.43	Avg Mkt Cap	ıs
1.17		consumer cyclica	0.95	2.3 1.16	P/B Ratio TTM	biM
4		Dasic Materials	0.96	11.6 1.12	P/C Ratio TTM	әб.
00/		Basic Material	0.50	21.3	T/E HALIO I HVI	r pa
0.92	34.5	Դ Cyclical	o car	Avg Index	D/E Datio TTM	Value Blend Growth
Rel Std Index	Stocks %	Sector Weightings	Re l	Port Rel	Portfolio Statistics	Equity Style
2.99	14 mil Vanguard Total Intl Bd Idx Admiral™	⊕ 14 mil	0.26	100.26	100.00	Total
6.66	Vanguard Total Bond Market II ldx	① 61 mil	0.00	0.10	0.10	Other/Not Clsfd
36.39	231 mil Vanguard Total Intl Stock Index Inv	⊕ 231 mil	0.07	9.62	9.55	Bonds
55.90	valigualu Total Stock Ivialket lux i		0.00	36.65	36.65	Non-US Stocks
E3 06	Vanariased Tatal Stock Markot Ide	60	0.00	53.72	53.72	US Stocks
%	10,5/4 Turnover Ratio	SINCE AMOUNT	0.18	0.16	-0.02	Cash
Net Assets	Holdings:	Chg Share	Short %		Net %	Asset Allocation %
					<b>s</b> 09-30-2020	Portfolio Analysis 09-30-2020

53

Regional Exposure         Stocks %         Rel Std           Americas         62.9         3           Greater Europe         17.3         3           Control Asia         10.7         3	Below B	888 27 888 0	Α 16	AA 10	t Quality Breakdown 09-30-2020	wol	Avg Wtd Price	Avg Wtd Coupon	■ Avg Eff Duration	Avg Eff Maturity	Fixed-Income Style
Rel Std Index 1.02 1.02 0.93	0.00 0.00	22.78 0.00 0.00	16.17	10.59	Bond %		1	2.62	7.12	8.95	

Sector Weightings	Stocks %	Rel Std Index
Դ Cyclical	34.5	0.92
Basic Materials	4.6	0.94
Consumer Cyclical	12.2	1.17
Financial Services	14.1	0.96
★ Real Estate	3.6	0.49
✓ Sensitive	41.7	1.11
■ Communication Services	9.2	1.20
<b>▲</b> Energy	2.8	0.88
ndustrials	10.6	0.91
Technology	19.2	1.26
→ Defensive	23.7	0.96
Consumer Defensive	7.8	0.90
Healthcare	13.0	1.06
Utilities	3.0	0.76

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Tenure: Objective: Manager: Family:

Multiple 5.4 Years Asset Allocation

Ticker:

Base Currency:

USD

Purchase Constraints:

Minimum Initial Purchase:

VIVLX US92202E7224 \$100 mil

Type: Total Assets: Incept:

06-26-2015 MF \$10,741.39 mil

Vanguard

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# Vanguard Instl Trgt Retire 2060 Instl (USD)

2020 2019 2018 Quarterly Returns +/- Cat Index +/- Std Index Total Return Std 09-30-2020 Load-adj Mthly Trailing Returns Performance 10-31-2020 -19.88 11.53 -0.54 1st Otr 10.30 4.89 5.62 5.62 1.1 2nd Otr 18.66 0.54 1.78 6.00 6.00 0.93 3.50 3 Υ 3rd Qtr 10.17 4.05 0.32 8.37 8.37 1.03 1.42 7.38 5 Yr -11.80 4th Otr 8.04 10 Yr Total % -7.88 25.13 Incept 0.08 7.54 7.02 7.02

	Subsidized	Unsubsidized
7-day Yield	1	ı
30-day SEC Yield 10-26-20	2.18	2.24
Performance Disclosure		

No. in Cat

170

2009

% Rank Cat

37

29

49

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than The performance data quoted represents past performance and does not guarantee future results. The investment return and their original cost.

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-662-7447 or visit www.vanguard.com. Fees and Expenses

### Front-End Load % Deferred Load % Sales Charges ₹ Z .**69** × 0.00

Deletted Foat /0			
Fund Expenses			
Management Fees %			0.
12b1 Expense %			_
Net Expense Ratio %			
Gross Expense Ratio %			.0
Risk and Return Profile			
	3 Yr	5Yr	10
	170 funds	71 funds	
Morningstar Rating™	4★	3 <b>★</b>	
Morningstar Risk	Avg	Avg	
Morningstar Return	+Avg	Avg	
	3 Yr	5Yr	10
Standard Deviation	15.73	13.02	
Mean	6.00	8.37	

Fixed-Income Style

Net Expelise natio /			3 8
Gross Expense Ratio %			0.09
<b>Risk and Return Profile</b>			
	3 Yr	5Yr	10 Yr
	170 funds 71	funds	
Morningstar Rating™	4 <b>★</b>	3 <b>★</b>	
Morningstar Risk	Avg	Avg	I
Morningstar Return	+Avg	Avg	
	3 Yr	5Yr	10 Yr
Standard Deviation	15.73	13.02	
Mean	6.00	8.37	
Sharpe Ratio	0.35	0.59	I
MPT Statistics	Standard Index	Best Fit Index Morningstar Mod Agg Tgt Risk TR USD	Best Fit Index ningstar Mod gg Tgt Risk TR USD
Alpha	-0.89		0.39
Beta	1.49		1.13
R-Squared	99.10		99.62
12-Month Yield			2.06%
Potential Cap Gains Exp			7.71%
Operations	-		
1			

' '	-				9		+			<u> </u>				-						
	1				2010												03-13-2020	Silver	Mornin	
					2011												020	er er	ıgstar A	
1					2012									ı					nalyst F	
ı					2013									1					ating™	
				_ 	2014									1		2060+	170 US	**	0veral	
1				18.68	2015			<	ı					89			170 US Fund Target-Date		Mornin	
20	-1.93	0.37	8.94	19.99	2016									8			rget-Da		ıgstar R	
48	0.36	6.76	21.42	23.86	2017			1						88			te		ating™	
36 36	0.81	-3.12	-7.88	21.50	2018									8			Tgt Risk	Morning	Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index	
2	0.17	6.10	25.13	26.36	2019				1					89			Tgt Risk TR USD	Morningstar Mod	d Index	
Ι	4.39	-0.89	0.08	26.38	10-20		4	10k	3	20k	4 <u>V</u>	, D	80k	90		TR USD		d Morningstar	Catego	
% Rank Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Quartile (within category)			l	ī	2060 Instl		Growth of \$10,000	Stocks %	Investment Style		Lifetime Mod 2060		Category Index	
-	y Index	d Index	n %			c <b>e Quartile</b> gory)		4	14,194 Standard Index	Category Average	Instl	Vanguard Instl Trgt Retire	\$10,000		Style		2060+	US Fund Target-Date	Morningstar Cat	
												yt Retire						rget-Date	ar Cat	

Portfolio Analysis 09-30-2020	<b>s</b> 09-30-2020					
Asset Allocation %	Net %	Long %	Short %	Share Chg Share		z
Cash	-0.02	0.16	0.18	since Amount		
US Stocks	53.92	53.92	0.00	0202-00		
Non-US Stocks	36.44	36.44	0.00	⊕ 26 mil	vanguard Total Stock Market ldx I	
Bonds	9.56	9.64	0.08	⊕ 84 mil	84 mil Vanguard Total Intl Stock Index Inv	
Other/Not Clsfd	0.10	0.10	0.00	① 23 mil	23 mil Vanguard Total Bond Market II ldx	
Total	100.00	100.26	0.26	⊕ 5 mil	5 mil Vanguard Total Intl Bd ldx Admiral <sup>tm</sup>	
Equity Style	Portfolio Statistics	Port Rel	Re l	Sector Weightings	Stocks %	Rel
Value Blend Growth	P/E Ratio TTM	Avg Index 21.9 1.09	0.99	∿ Cyclical	34.5	
әбле	P/C Ratio TTM			Basic Materials	als 4.6	
PIW	P/B Ratio TTM	2.3 1.16	0.98	Consumer Cyclical		
JS.	Geo Avg Mkt Cap	55221 1.43		Financial Services	vices 14.1	
llen	\$mil			Real Estate	3.6	

	0.32	19.0	Olegiel Asia
	0 00	106	700+01 / 010
	1.02	17.2	Greater Europe
	1.02	63.1	Americas
	Rel Std Index	Stocks %	Regional Exposure
	0.00		NR
	0.00		Below B
	0.00		В
	0.00		BB
	22.63		BBB
	15.95		Þ
	10.15		AA
1	51.27		AAA
] [	Bond %	kdown 09-30-2020	Credit Quality Breakdown 09-30-2020
]			
Į į			MO7
		Avg Wtd Price	pay
٥	2.64	Avg Wtd Coupon	
٩	7.08	Avg Eff Duration	
<b>⊞</b> 0	8.92	Avg Eff Maturity	Ltd Mod Ext

						01	15.95
0.76	3.0			S	Utilities		10.15
1.06	13.0			care	Healthcare		51 97 51 97
0.90	7.8		ensive	Consumer Defensive	Consur		0
0.96	23.8			ive	Defensive	ţ	
1.27	19.2			logy	Technology		1
0.91	10.6			ials	Industrials	•	2.64
0.88	2.8				Energy	∞ •	7.08
1.20	9.2	es	1 Servic	Communication Services	Commu	#0	8.92
1.11	41.7			Ve	Sensitive	<b>\{</b>	
0.49	3.6			state	Real Estate	Đ	
0.96	14.1		ces	Financial Services	Financi	о. П.	0.95
1.17	12.2		ical	Consumer Cyclical	Consur	ω Đ	0.98
0.93	4.6		S	Basic Materials	Basic N		0.99
<b>0.92</b> 53	34.5			<u>=</u>	Cyclical	ے	n qq
Rel Std Index	Stocks %			htings	Sector Weightings		- B
2.80	Vanguard Total Intl Bd ldx Admiral™	ard Total Intl	Vangua	5 mil		<b>⊕</b>	0.26
6.85	Vanguard Total Bond Market II ldx	ard Total Bor	Vangua	23 mil		<b>①</b>	0.00
36.18	Vanguard Total Intl Stock Index Inv	ard Total Intl	Vangua	84 mil		<b>⊕</b>	0.08
54.16	Vanguard Total Stock Market ldx I	ard Total Sto	Vangua	26 mil		<b>⊕</b>	0.00
%	10,574 Total Stocks , 14,492 Total Fixed-Income , 3% Turnover Ratio	10,574 Total Stocks , 14 3% Turnover Ratio	10,574 T 3% Turn	Amount	120	3 since 08-2020	0.18
Net Assets			Holdings:	Share	Share Chg		hort %
	No. of Funds in Cat	259	216	201	160	106	
	% Rank Cat	1	22	36	48	20	1
	+/- Category Index	4.39	0.17	0.81	0.36	-1.93	1
	+/- Standard Index	0.89	6.10	-3.12	6.76	0.37	
	Total Return %	0.08	25.13	-7.88	21.42	8.94	

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Opir Opir or a

Tenure: Objective:

Multiple 5.4 Years Asset Allocation

Ticker:

Base Currency:

USD

Purchase Constraints:

Minimum Initial Purchase:

\$100 mil VILVX US92202E7141

Type: Total Assets: Incept:

06-26-2015 MF \$3,990.67 mil

Family:

Vanguard

Manager:

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## Vanguard Instl Trgt Retire 2065 Instl (USD)

Performance 10-31-2020

Quarterly Returns	1st Otr	2nd Otr	3rd Otr	4th Otr	Total %
2018	-0.46	0.97	3.94	-11.78	-7.84
2019	11.55	3.56	0.31	8.01	25.15
2020	-20.01	18.64	7.38		-0.08
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	5.42	5.98	I	I	7.27
Std 09-30-2020	10.06	I	I	1	8.13
Total Return	5.42	5.98	1	ı	7.27
+/- Std Index	0.90	0.52			
+/- Cat Index	4.69	1.76			
% Rank Cat	44	ω			
No. in Cat	248	170			

Performance Disclosure The Overall Morningstar Rating is based on risk-adjusted re derived from a weighted average of the three- five- and 1.
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7-day Yield

Subsidized

Unsubsidized

2.24

The performance data quoted represents past performance and does not guarantee future results. The investment return and (if applicable) Morningstar metrics returns, 10-year

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than Current performance may be lower or higher than return data their original cost.

Fees and Expenses month-end, please call 800-662-7447 or visit www.vanguard.com. quoted herein. For performance data current to the most recent

Sales Charges Front-End Load % Deferred Load %	2 2
Fund Expenses	
Management Fees %	0.1
12b1 Expense %	7
Net Expense Ratio %	<u>e</u>
Gross Expense Ratio %	0.2
Risk and Return Profile	

Front-End Load % Deferred Load %			N N
fund Expenses			
Management Fees %			0.00
12b1 Expense %			NA
Net Expense Ratio %			0.09
Gross Expense Ratio %			0.09
Risk and Return Profile			
	3 Yr 170 funds	5Yr 71 funds	10 Yr
Morningstar Rating™	4 <b>★</b>	I	I

		5Yr	10 Yr
	170 funds 71	71 funds	
Morningstar Rating™	<b>4★</b>		
Morningstar Risk	Avg		
Morningstar Return	+Avg		
	3 Yr	5Yr	10 Yr
Standard Deviation	15.74		
Mean	5.98		
Sharpe Ratio	0.35		I
MPT Statistics	Standard Index	Best Fit Index Morningstar Mod Agg Tgt Risk TR	Best Fit Index mingstar Mod gg Tgt Risk TR
Alpha	-0.91		0.37
Beta	1.49		1.13
R-Squared	99.15		99.66
12-Month Yield			1.93%
Potential Cap Gains Exp			2.82%

								:	:	:		:	: :	:				q	J	
1		l	1		1	2009								1		_				
1	1	ı	1	1	1	2010											03-13-2020	Silver	Mornir	
1		I	I	1	1	2011								1			020	P	ıgstar A	
1		ı	1			2012								1					nalyst R	
1		i I	1			2013								ı					ating™	
1		I	1			2014										2060+	170 US	***	0verall	
1		I	1		1	2015											170 US Fund Target-Date		Mornin	
1		l	1			2016								1			rget-Dat		gstar Ra	
1		Ī	1		21.72	2017			\					88					ting™	
201	30	0.85	-3.08	-7.84	19.66	2018								88		•	Tgt Risk TR USD	Morning	Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index	
216	52	0.19	6.12	25.15	24.14	2019			}					89		-	TR USD	Morningstar Mod	d Index	
259		4.23	-1.05	-0.08	24.12	10-20		4k	1 <sub>Q</sub>	20k	Ş	40k	80×	84		TR USD			Category Index	
No. of Funds in Cat	% Rank Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Q (within category)		— Standa 12,072	— Cate, 12,16	12,407	■ Vang	Growth of \$10,000	Stocks %	Investment Style		d 2060	tar	Index	
ds in Cat	Jt t	ıry Index	ırd Index	rn %			Performance Quartile (within category)		Standard Index 12,072	Category Average 12,164	12,407	Vanguard Instl Trgt Retire	\$10,000		nt Style		2060+	US Fund Target-Date	Morningstar Cat	c

	ightings	Sector Weightings			=	lle
563,468 Vanguard Total Intl Bd Id	563,468	•	2 1.02	58703 1.52	ab	im2 biN
Vanguard Total Intl Bd Ir	887,803	<b>⊕</b>			P/C Ratio I IVI	le y
3 mil Vanguard Total Bond Ma	3 mil	1			P/E Ratio TTM	ile q
8 mil Vanguard Total Bond Ma	8 m.i	<b>⊕</b>		Avg Index	Follono statistics	Value Blend Growth
z mil Vanguard Houciary Ir	Z mII	•			Double lin Chatistics	Emilia Otalo
Vanguard Total Intl Stoc	3 mil	•	0.24	100.24	100.00	Total
Vanguard Total Stock M	3 mi	•	0.00	5.86	5.86	Other/Not Clsfd
vanguard lotal Intl Stoc		1	0.08	9.67	9.59	Bonds
Valigualu lotal stock ivi		•	0.00	30.12	30.12	Non-US Stocks
Vanguard Tatal Stock M	3	) 6	0.00	54.23	54.23	US Stocks
8% Turnover Batio	Amount	08-2020	0.16	0.36	0.20	Cash
Holdings:	Share	Share Chg	Short %	Long %	Net %	Asset Allocation %
					<b>s</b> 09-30-2020	Portfolio Analysis 09-30-2020

					E N	xed-Income Style	ŀ
;			_		Mod E	COME	ŀ
	MOT	payy	ų£	ina	Εx	Style	
0000000				Avg Eff Duration	Avg Eff Maturity		
,			S	7	00		
-		8	2 66	7.03	8.88		

Credit Quality Breakdown 09-30-2020	30-2020	Bond %
AAA		52.48
AA		9.49
Α		15.63
BBB		22.40
BB		0.00
В		0.00
Below B		0.00
NR		0.00
Regional Exposure	Stocks %	Rel Std Index
Americas	67.4	1.09
Greater Europe	15.3	0.90
Greater Asia	17.3	0.82

-	-	_	-	-	
%	Short %	Share Chg	Share	Holdings:	Net Assets
	0.16	since	Amount	10,364 Total Stocks , 13,410 Total Fixed-Income ,	е, %
ß	0.00	0202-00		o% luniover nauo	
12	0.00	<b>⊕</b>	4 mil	Vanguard Total Stock Mkt Idx Insti	39.06
37	0.08	1	3 mil	Vanguard Total Intl Stock Idx Inst	19.61
8	0.00	<b>⊕</b>	3 mil	Vanguard Total Stock Market ldx I	15.46
24	0.24	<b>⊕</b>	11 mil	Vanguard Total Intl Stock Index Inv	10.21
,  :		<b>⊕</b>	2 mil	2 mil Vanguard Fiduciary Tr	5.75
Inde	Index Cat	<b>⊕</b>	8 mil	8 mil Vanguard Total Bond Market II ldx I	5.15
=	1.00	1	3 mil	3 mil Vanguard Total Bond Market II ldx	2.00
1.1	1.01	<b>⊕</b>	887,803	887,803 Vanguard Total Intl Bd Idx Institu	1.78
_					

54

563,468 Vanguard Total Intl Bd Idx Admiral <sup>TM</sup>	d ldx Admiral™	0.75
or Weightings	Stocks %	Rel Std Index
Cyclical	34.0	0.91
Basic Materials	4.4	0.88
Consumer Cyclical	12.2	1.17
Financial Services	13.9	0.94
Real Estate	3.6	0.49
Sensitive	42.1	1.12
Communication Services	9.3	1.22
Energy	2.7	0.85
Industrials	10.4	0.89
Technology	19.7	1.30
Defensive	23.8	0.96
Consumer Defensive	7.7	0.88
Healthcare	13.2	1.08
Utilities	3.0	0.76

©2020 Morningstar All B	Objective:	Tenure:	Manager:	Family:	Operations
ights Beserved Unless otherwise provided in a	Asset Allocation	3.3 Years	Multiple	Vanguard	
senarate agreement, you may use this report of	Minimum Initial Purchase:	ISIN:	Ticker:	Base Currency:	
only in the country in which its origina	\$100 mil	US92202E6721	VSXFX	USD	
©2020 Morningstar All Rights Reserved Holess otherwise provided in a separate agreement you may use this report only in the country in which its original distributor is based. The information data analyses and	Total Assets:	Туре:	Incept:	Purchase Constraints:	
ope and	\$517.89 mil	MF	07-12-2017		

## Vanguard Instl Trgt Retire Inc Instl (USD)

Performance 10-31-2020

1st Otr

2nd Otr

3rd Qtr

4th Otr -3.21 2.66

Total %

83

67

67

Investment Style
Fixed-Income
Bond %

. 80k 100k

Growth of \$10,000

Vanguard Instl Trgt Retire Inc

4

67

-1.98

2019

2020 2018 Quarterly Returns

-5.88 -0.52

7.95

3.08 1.49 1.34

13.20 3.89 Incept

5.58

0.45 2.91

Trailing Returns

Morningstar Analyst Rating™ Overall Morningstar Rating™

§ Silver

03-13-2020

149 US Fund Target-Date

Retirement

Tgt Risk TR USD Morningstar Mod

Standard Index

Morningstar Cat

Page 19 of 34

88 70

TR USD Morningstar

Lifetime Mod Incm Category Index Retirement US Fund Target-Date

Category Average 12,517 13,049

· 20k

13,834 Standard Index

2

10-20 4 History Performance Quartile (within category)

21.50 -0.01 8.54 -6.12 2017 20.51 -1.98 0.22 2.77 2018 13.20 -5.82 -0.07 2019 22.62 23.24 3.89 2.92 1.07 NAV/Price +/- Category Index +/- Standard Index Total Return %

Asset Allocation % Net % Long % Short % Share Chg Share Holdings:	Portfolio Analysis 09-30-2020		<u> </u>
ings :		183 176	45  -
		No. of Funds in Cat	% Rank Cat
Ne			

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than

does not guarantee future results. The investment return and The performance data quoted represents past performance and

their original cost.

month-end, please call 800-662-7447 or visit www.vanguard.com quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data

Fees and Expenses

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year

(if applicable) Morningstar metrics.

30-day SEC Yield 10-26-20

1.75

1.76

-0.70

Performance Disclosure

7-day Yield

+/- Cat Index +/- Std Index Total Return Std 09-30-2020 Load-adj Mthly

0.65

0.29

0.22

22

ವ

20

1.24

-0.175.28

-1.50

5.75 5.75

5.45 6.10 5.45

5.29 5.04

7.52 1

5.28

5.04

3 Υ

5 Yr

10 Yr

No. in Cat

149

126

Subsidized

Unsubsidized

2009

2010

2011 2012

2013

2014

2015

2016

19.60

20.23 5.29 -3.28

69.99 0.44 100.48 Port Rel Avg Index 21.9 1.09 11.6 1.12 2.3 1.16 54983 1.43	69 99	12.00	17.52	0.48 0.54 0.	Net % Long % Short
8 0.48 Rel Rel Index Caranton 1.10 0.90 1.116 1.00 1.43 0.94		0.00			6 Short %

	100.00	100.40	2	5
tyle	Portfolio Statistics	Port	Rel	Rel
		Avg	Index	Cat
al diown	P/E Ratio TTM	21.9	1.09	0.99
96196		11.6	1.12	0.97
P!W		2.3	1.16	1.00
\$	-	54983	1.43	0.94
llemi	\$mil			
come Style	-			
lod Ext	Avg Eff Maturity			7.42
біН	Avg Eff Duration			6.02
ul				2.09
paw			_	111.54
M01				
uality Brea	wality Breakdown 09-30-2020			Bond %
			_	52.87
				7.83
				12.14

Management Fees %

Fund Expenses

**Risk and Return Profile Gross Expense Ratio** % Net Expense Ratio % 12b1 Expense %

149

126

5 Yr funds

10 Yr *90 funds* 

0.09 0.09 0.00

K

Deferred Load %

ĸ Z

Front-End Load % Sales Charges

Fixed-Income Style	come St	woJ beM deiH A	Avg Eff Waturity Avg Eff Duration Avg Wtd Coupon Avg Wtd Price	7.42 6.02 2.09 111.54
		Med Low	Avg Wtd Price	111.5
	-	`		
Credit O	uality Bı	,eak	Credit Quality Breakdown 09-30-2020	Bond %
AAA				62.87
AA				7.83
Þ				12.14
888				17.17
BB				0.00

r Weightings	Stocks %	Rel Std Index 55
Cyclical	34.5	0.92
Basic Materials	4.6	0.94
Consumer Cyclical	12.2	1.17
Financial Services	14.1	0.96
Real Estate	3.6	0.49
Sensitive	41.7	1.11
Communication Services	9.2	1.20
Energy	2.8	0.88
Industrials	10.6	0.91
Technology	19.1	1.26
Defensive	23.7	0.96
Consumer Defensive	7.8	0.90
Healthcare	13.0	1.06
Utilities	3.0	0.76

Objective:	Tenure:	Manager:	Family:	Operations	Potential Cap Gains Exp	12-Month Yield
Asset Allocation	5.4 Years	Multiple	Vanguard		ins Exp	
					3.27%	2.07%
Minimum Initial Purchase:	ISIN:	Ticker:	Base Currency:			Greater Asia
		VITRX	USD			19.8
						0.93
Total Assets:	Туре:	Incept:	Purchase Constraints:			
\$7,051.33 mil	MF	06-26-2015	1			

12-Month Yield R-Squared Alpha

1.45 0.54 94.33

0.72

Americas Regional Exposure

Stocks %

Rel Std Index

0.00 0.00 0.00 0.00

62.8 17.4 19.8

1.02 1.03 0.93

98.59

Greater Asia Greater Europe MPT Statistics Sharpe Ratio

Standard Index

Best Fit Index Morningstar Lifetime Mod 2015 TR USD 0.57

묾

Below B

Standard Deviation

5.28 5.81

4.85 5.45 0.88

Morningstar Return Morningstar Risk Morningstar Rating™

+Avg

+Avg

3 Υ

5 Yr

10 Yr

Avg 5**≯** 

Avg

## Index Admiral (USD) Vanguard Mid-Cap Growth

Performance 1

**X Gold** 02-13-2020

Morningstar Analyst Rating™ Overall Morningstar Rating™ 557 US Fund Mid-Cap Growth

S&P 500 TR USD

Standard Index

Russell Mid Cap Growth TR USD Category Index

Growth US Fund Mid-Cap Morningstar Cat

						0 2	_		<u></u>	_		_	10-31-2020	
00/	63 4	A.	-1.63	9.80	19.51	22.58	19.51	1 Yr	-20.05	19.56	1.62	1st Otr	-2020	
22/	3 8	5	-1.49	3.29	13.72		13.72	3 Yr	30.58	4.81	3.89	2nd Otr		
499		Σ	-1.52	0.92	12.63	14.03	12.63	5 Yr	9.26	-0.61	6.22	3rd Otr		
380	4 000	47	-1.06	0.05	13.06			10 Yr	ı	7.47	-15.82	4th Otr		
			ı			14.27	14.04	Incept	13.22	33.86	-5.60	Total %		
21	ПП	1	-		<b>*</b>	1			1					
2009	Ш		-			\	-					8		
2010						<u> </u>						99		
2011						{	<b>)</b>					<b>1</b> 00		
2012						}	}					100		
2013							1					100		
2014		I					Ì					98		
2015								$\emptyset$				100		
2016								8				<b>1</b>		
2017								1				100		
2018									\$			100		
2019								_	}			100		
10-20								4	$\sqrt{}$	60k		10		
			: <del>\$</del>		: 10k		: 20k		: 4		100k			
History	(within category)	Boutomana Duantila			46,352	49,723	— Category Average	56,938	Vanguard Mid-Cap Growth Index Admiral	Growth of \$10,000	0.00000	Stocks %	Investment Style	
									5					

12-Month Yield Potential Cap Gains Exp	R-Squared	Beta	Alpha		MPT Statistics	Sharpe Ratio	Mean	Standard Deviation		Morningstar Keturn	Morningstar Risk	Morningstar Rating <sup>™</sup>	1	mon and modern i forme	Rick and Return Profil	Gross Expense Ratio %	Net Expense Ratio %	12b1 Expense %	Management Fees %	Fund Expenses	Deferred Load %	Front-End Load %	Sales Charges	Fees and Expenses	month-end, please call 800	quoted herein. For performa	Current performance may b	their original cost	principal value of an invest	does not guarantee future r	The performance data quot
11	90.39	1.07	2.70 -3.87	Morni	Standard Index Best F	0.66 0.72	_	20.04 16.81	3 Yr 5 Yr	Avg Avg			557 funds 499 funds <i>380</i>	ى <	Þ	%									month-end, please call 800-662-7447 or visit www.vanguard.com	quoted herein. For performance data current to the most recent	Current performance may be lower or higher than return data	snares, when som or redeemed, may be worm more or less man their original cost	principal value of an investment will fluctuate; thus an investor's	does not guarantee future results. The investment return and	ad rangaante naet narformanca
0.73% 19.22%	97.67	0.96			Best Fit Index	0.83	13.06	15.55	10 Yr	Avg	Avg	ъ	0 funds	10 Vr		0.07	0.07	NA	0.06		NA	A					ita		•	č	band
Greater Europe Greater Asia	Americas	Regional Exposure	N.	Below B	B	BB	RRR	Α,		Credit Quality Breakdown — ^^^		мод	bəM	цбір	Ltd Mod Ext	rixed-income Style	: : :	llem	S	PIW	эблед	Equity Style  Value Blend Growth	i orl	Total	Other/Not Clsfd	Bonds	Non-US Stocks	US Stocks	Asset Allocation %	Portfolio Analysis 09-30-2020	
0.0 1.0	99.0	Stocks %								down —			Avg Wtd Price	Avg Wtd Coupon	Avg Eff Duration	Ava Eff Maturity		\$mil	Geo Avg Mkt Cap	P/B Ratio TTM	P/E Ratio I IM	Portiolio Statistics	Boutelin Statistics	100.00	0.00	0.01	2.10	97.92	_0 03		
		Rel S																	22736 0.15	5.7 1.65				100.03	0.00	0.01	2.10	97.92	n nn Long %		
0.00 26.44	1.00	Rel Std Index								Bond %			I							1.05				0.03	0.00	0.00	0.00	0.00	onort %	2	
<b>→</b> Hea Util	] ↓		Indu	<b>♦</b> Energy	<b>■</b> Con	₩ Sen	<b>₽</b> Rea	<b>₽.</b> Fina	Con	Bas	J. Cvc	Sector W	•	<b>⊕</b>	<b>⊕</b>	<b>①</b>	<b>⊕</b>	•	) ( <del>1</del>	•	•	•	•	<b>⊕</b>	•	<b>⊕</b>	<b>⊕</b>	08-2020	since	Charo Cha	
Consumer Detensive Healthcare Utilities	Defensive	- comology	Industrials	rgy	nmunicati	Sensitive	Real Estate	Financial Services	Consumer Cyclical	Basic Materials	Cyclical	Sector Weightings	1 mil	2 mil	1 mil	267,946	5 mil	5/8,939	000 073	939,363 mil	190,359	761,917	1 mil	918,740	807,060	651,653	2 mil		Amount	O. A.	
Tensive					Communication Services			/ices	clical	als			IQVIA Holdings Inc	Amphenol Corp Class A	Synopsys Inc	CoStar Group Inc	Twitter Inc	IDEXY Faboratories Inc	California Corp	Centene Corn	xican Grill	SBA Communications Co	DocuSign Inc	Veeva Systems Inc Clas	Lululemon Athletica Inc	DexCom Inc	Digital Realty Trust Inc	18% Turnover Ratio	157 Total Stocks , 2 Total Fixed-Income	Localization .	
3.3 19.0 0.0	22.3	20.2	14.1 28.2	1.6	8.6	52.5	8.5	4.8	9.9	2.0	25.2	Stocks %									Inc Class A	Corp		ss A					d-Income,		
0.44 1.34 0.00	0.90		1.61	0.78	0.77	1.14	3.23	0.37	0.87	0.90	0.87	Rel Std Index	1.18	1.26	1.27	1.30	1.31	1.31	1	1.33		1.39	1.48	1.48	1.53	1.54	1.54		%	No+ Accets	

Manager: Family:

Ticker: ISIN:

Incept:

09-27-2011

Purchase Constraints:

Minimum Initial Purchase:

\$3,000 US9219377283 **VMGMX** 

Total Assets:

\$9,078.50 mi

Base Currency:

The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year

(if applicable) Morningstar metrics.

30-day SEC Yield 11-05-20

0.51

16.38 42.85

29.11 14.04 2.72

15.96 29.55

13.48 43.72

21.83 54.96

33.86 68.34

76.95 13.22 10.46 -0.84

38.83

42.94

45.46 6.75 -5.21

51.48 -1.22 -0.85 -5.60

32.22 -0.17 -3.52

-3.44

-2.03 -5.79 25.66 -3.68

0.15 -0.05

1.58 5 -0.21

2

40

-0.78 -2.36 -0.98

-0.58

-3.44 0.00

-1.61 2.37

42

703 83

749

644

617 65

605 46

618

607

No. of Funds in Cat % Rank Cat +/- Category Index +/- Standard Index Total Return % NAV/Price

Performance Disclosure

7-day Yield

Subsidized

Unsubsidized 0.51

No. in Cat

+/- Cat Index +/- Std Index Total Return Std 09-30-2020 Load-adj Mthly

% Rank Cat

2020 2019 2018 Quarterly Returns

Trailing Returns

Tenure:

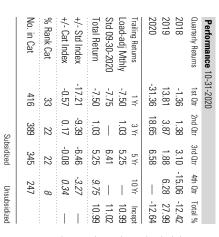
Objective:

Growth 7.8 Years Multiple Vanguard

### Index Admiral (USD) Vanguard Mid-Cap Value

Category Index Russell Mid Cap ue TR USD Value

US Fund Mid-Cap **Morningstar Cat** 



The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics. Performance Disclosure 30-day SEC Yield 11-04-20

2.65

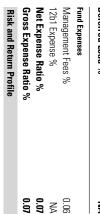
2.65

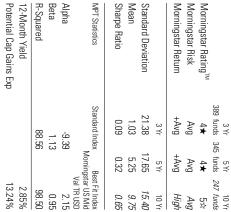
7-day Yield

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

month-end, please call 800-662-7447 or visit www.vanguard.com quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data

### Front-End Load % Deferred Load % Sales Charges Fees and Expenses ĸ Z





BBB

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ВВ

Credit Quality Breakdown

0.95

Below B

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	<b>★ Gold</b> 02-13-2020	Morningstar Analyst Rating™
	★★★★ 389 US Fund Mid-Cap Value	Morningstar Analyst Rating™ Overall Morningstar Rating™ Standard Index Cate
]	S&P 500 TR USD Russ Valu	Standard Index
	Russ Value	Cate

	1	3.54	11.29	37.75		2009		5	<b>3</b>
	1	-2.92	6.77	21.83	1	2010		<b>2</b> 5	3
	1	1.10	-2.40	-0.29	26.77	2011		2	8
425	57	-2.48	0.02	16.02	30.47	2012		3	<b>1 1 1 1 1 1 1 1 1 1</b>
415	25	4.20	5.27	37.66	41.30	2013		5	
460	=	-0.77	0.30	13.98	46.30	2014		5	i III
471	17	2.98	-3.18	-1.80	44.54	2015		<b>\</b>	3
399	71	-4.74	3.30	15.26	50.31	2016		<b>\</b>	8
405	13	3.70	-4.79	17.04	57.74	2017		\.\.\.\.	3
417	45	-0.13	-8.04	-12.42	49.33	2018		<b>)</b>	3
422	32	0.93	-3.49	27.99	61.79	2019		3	<b>1</b>
418	ı	-0.61	-15.41	-12.64	52.82	10-20		1100k 80k 80k 10k	
No. of Funds in Cat	% Rank Cat	+/- Category Index	+/- Standard Index	Total Return %	NAV/Price	History	Performance Quartile (within category)	Growth of \$10,000  Vanguard Mid-Cap Value Index Admiral 39,519  Category Average 31,637  Standard Index 46,352	Investment Style Equity

Portfolio Analysis 09-30-2020	<b>is</b> 09-30-2020						
Asset Allocation %	Net %	Long % S	Short %	Share Chg	Share	Holdings:	Net
Cash	-0.29	0.01	0.30	since	Amount	207 Total Stocks , 2 Total Fixed-Income,	
US Stocks	97.86	97.86	0.00	0707-80		1/% lumover hauo	
Non-US Stocks	2.42	2.42	0.00	1	2 mil	WEC Energy Group Inc	
Bonds	0.02	0.02	0.00	1	3 mil	Eversource Energy	
Other/Not Clsfd	0.00	0.00	0.00	1	1 mil	Willis Towers Watson PLC	
Total	100.00	100.30	0.30	1	1 m.	Motorola Solutions Inc	
2	P			Œ	986,4/1	CIOTOX CO	
Equity Style	Portiolio Statistics		Cat	1	7 mil	Carrier Global Corp Ordinary Shares	
йеղ	P/E Ratio TTM		1.07	1	1 mil	American Water Works Co Inc	
əfi	P/C Ratio I IM	8.8 0.60	1.00	1	3 mil	D.R. Horton Inc	
biM		1.8 0.53	1.09	1	2 mil	Best Buy Co Inc	
llsm2	\$mil	0.10	- <del>-</del>	①	2 mil	Aptiv PLC	
				<b>⊕</b>	6 mil	6 mil Corning Inc	
Fixed-Income Style				D	11 m.i	Freeport-McMoRan Inc	
Ltd Mod Ext	Avg Eff Maturity			D (		lennar Corn	
иеін	Avg Ett Duration Avg Wtd Coupon			①(		DTE Energy Co	
bəM	Avg Wtd Price			•	6 mil	6 mil Corteva Inc	

1.16 1.15 57

1.08 1.00

1.09

0.98

0.97

1.34 1.26 1.18 1.17

1.16

	0.98 2.19 12.10	Std Index	Bond %
Purchase Constraints: Incept: Type: Total Assets:	<ul><li>→ Defensive</li><li>➡ Consumer Defensive</li><li>➡ Healthcare</li><li>➡ Utilities</li></ul>	<ul> <li>Sensitive</li> <li>Communication Services</li> <li>Energy</li> <li>Industrials</li> <li>Technology</li> </ul>	• Cyclical  Basic Materials  Consumer Cyclical  Financial Services  Real Estate
9-27-2011 MF \$9,621.46 mil	<b>25.4</b> 5.3 6.8 13.3	<b>27.3</b> 4.8 3.8 9.4 9.2	47.3 6.0 15.2 16.7 9.3
	1.02 0.71 0.48 4.17	0.59 0.43 1.89 1.08 0.38	1.63 2.64 1.34 1.31 3.56

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Objective: Manager: Family:

Tenure:

Multiple 14.3 Years Growth

Ticker:

Base Currency:

OSD

ISIN:

Minimum Initial Purchase:

\$3,000

US9219376947 VMVAX Vanguard

Greater Europe Greater Asia

Americas Regional Exposure

Stocks % 97.6 1.9 0.5

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Release date 10-31-2020 Page 22 of 34

# index I (USD)

2019

2.95 3.28

Performance 10-31-2020

1st Otr -1.47

2020 2018 Quarterly Returns

Trailing Returns

1

6.17

7-day Yield

No. in Cat % Rank Cat +/- Cat Index

418

Performance Disclosure

+/- Std Index

-0.02 -0.026.17

Std 09-30-2020 Load-adj Mthly

7.05

Total Return

Core Bond 378 US Fund Intermediate

Bond TR USD BBgBarc US Agg

Standard Index

BBgBarc US Agg Bond TR USD

Category Index Core Bond **US Fund Intermediate Morningstar Cat** 

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year 30-day SEC Yield 11-04-20 month-end, please call 888-809-8102 or visit www.vanguard.com quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data does not guarantee future results. The investment return and The performance data quoted represents past performance and (if applicable) Morningstar metrics. 2nd Otr -0.17378 0.00 0.00 5.06 5.06 2.98 3.08 Standard Index 378 3 Υ 27 +Avg 5.06 3.49 Avg Subsidized 3 Υ 1.02 99.14 3rd Otr -0.07 1.19 0.00 0.00 4.08 4.21 4.08 0.62 2.43 0.03 333 5 Yr 33 3.30 5 Yr funds 0.88 4.08 Best Fit Index BBgBarc US Agg Bond TR USD 5 Yr Avg Avg 3\* 4th Otr -0.05-0.05 3.50 3.60 3.50 0.03 1.62 10 Y Unsubsidized 10 Yr 253 funds 3★ 2.35% 3.47% Total % 99.14 3.08 3.50 0.94 Incep -0.01 8.73 6.37 -0.071.02 0. 20. 1.18 5.25 5.20 5.20 . 20 42 0.0 10 Yr Avg Avg K ĸ Z Below B 888 Bonds Greater Asia Greater Europe 룲  $\mathbb{R}$ Total Other/Not Clsfd **US Stocks** Cash Americas Regional Exposure Credit Quality Breakdown 09-30-2020 Fixed-Income Style Non-US Stocks Asset Allocation % Portfolio Analysis 09-30-2020 quity Style 10.35 0.16 6.09 2009 92 0.16 1164 10.60 07-12-2020 0.04 0.04 6.58 2010 98 70 ЧбіН baM biM 11.00 96 1195 -0.12 -0.12 2011 Avg Eff Maturity Avg Eff Duration Avg Wtd Coupon P/E Ratio TTM P/C Ratio TTM P/B Ratio TTM 7.72 Geo Avg Mkt Cap \$mil Avg Wtd Price Portfolio Statistics 1165 11.09 -0.03 -0.032012 4.18 93 8 100.00 Net % 0.07 0.00 0.00 0.00 99.12 0.81 10.56 1079 -0.11 -0.11 -2.14 2013 67 100.73 Long % 0.08 0.00 0.00 99.85 0.81 Avg 1038 -0.0610.87 -0.065.90 2014 99 30 Rel Index Rel Std Index 10.64 Short % 0.00 0.00 0.00 0.00 0.73 0.00 1042 Bond % 63.46 3.67 12.71 111.50 -0.14 -0.140.41 2015 20.16 0.00 98 0.00 0.00 0.00 8.50 6.56 0.73 28 Cat 10.65 -0.04 -0.04 2.61 2016 88 Share Chg since 08-2020 **(+)** ① ④ 🌣 🌣 Ę **3 4 3 3** ے Sector Weightings Energy Utilities Real Estate Basic Materials Cyclical Healthcare Consumer Defensive Defensive Technology Communication Services Sensitive Financial Services Consumer Cyclical Industrials 10.75 0.03 0.03 3.57 2017 97 986 1,993 mil 1,532 mil 2,200 mil 1,083 mil 1,100 mil 1,092 mil 1,173 mil 1,111 mil 1,040 mil 2,244 mil 1,112 mil 904 mil 867 mil 985 mil 819 mil Share 10.45 1019 -0.02 -0.02 -0.01 2018 99 Holdings United United States Treasury Notes United States Treasury Notes United States Treasury Notes United States Treasury Notes Federal National Mortgage Associat Federal National Mortgage Associat 31% Turnover Ratio 0 Total Stocks, 15,695 Total Fixed-Income, United States Treasury Notes United States Treasury Notes United States Treasury Bonds United States Treasury Notes United States Treasury Notes United States Treasury Notes United States Treasury Bonds United States Treasury Notes 11.05 8.73 97 0.01 0.01 2019 430  $_{3}$ States Treasury Notes 11.53 10-20 6.37 99 0.06 0.06 420 · 20k 9 60k 60k 100 4 4 Investment Style
Fixed-Income
Bond % History No. of Funds in Cat +/- Standard Index Total Return % NAV/Price Growth of \$10,000 % Rank Cat +/- Category Index Performance Quartile (within category) Category Average 17,489 16,268 Standard Index Vanguard Total Bond Market Rel Std Index Net Assets 0.39 0.42 0.36 0.36 0.40 0.40 0.40 0.42 0.41 0.50 0.78 0.69 0.81 0.36

58

Manager:

Family:

Beta Alpha MPT Statistics Sharpe Ratio Standard Deviation

Morningstar Return

Morningstar Risk Morningstar Rating **Risk and Return Profile** Gross Expense Ratio % Net Expense Ratio % 12b1 Expense %

Management Fees %

Fund Expenses

Deferred Load %

Front-End Load % Sales Charges

Fees and Expenses

their original cost.

R-Squared

Potential Cap Gains Exp 12-Month Yield

Tenure:

7.8 Years Income

Joshua Barrickman Vanguard

Ticker:

**VBTIX** OSD

Incept:

09-18-1995

Purchase Constraints

Base Currency:

ISIN:

Minimum Initial Purchase:

\$5 mil

Total Assets:

\$64,118.14 mil

US9219375048

Objective:



Review of Plan Investment Structure

November 2020

Review of Plan Investment Structure - November 2020

### Current Plan Investment Structure - Assets as of September 30, 2020

Fixed Income	Ticker	Assets	%
Voya Fixed Account	-	\$338,286,038	36.3%
Vanguard Total Bond Market Index I	VBTIX	\$26,307,874	2.8%
	Total	\$364,593,912	39.1%

Large Cap	Ticker	Assets	%
MFS Value R4	WEIJX	\$16,887,050	1.8%
Vanguard Institutional Index Instl	VINIX	\$107,196,040	11.5%
T. Rowe Price Growth Stock I	PRUFX	\$83,357,269	8.9%
	Total	\$207,440,359	22.2%

Mid Cap	Ticker	Assets	%
Vanguard Mid-Cap Value Index Adm	VMVAX	\$2,833,311	0.3%
Hartford MidCap HLS IA	HIMCX	\$50,238,602	5.4%
Vanguard Extended Market Index Instl	VIEIX	\$52,502,511	5.6%
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$18,802,869	2.0%
	Total	\$124,377,293	13.3%

International	Ticker	Assets	%
Vanguard Developed Markets Index Instl	VTMNX	\$29,321,518	3.1%
American Funds EuroPacific Growth R6	RERGX	\$6,931,802	0.7%
	Total	\$36,253,319	3.9%

Asset Allocation	Ticker	Assets	%
Vanguard Target Retirement Income Instl	VITRX	\$17,068,740	1.8%
Vanguard Target Retirement 2015 Instl	VITVX	\$33,643,367	3.6%
Vanguard Target Retirement 2020 Instl	VITWX	\$11,041,628	1.2%
Vanguard Target Retirement 2025 Instl	VRIVX	\$41,624,898	4.5%
Vanguard Target Retirement 2030 Instl	VTTWX	\$11,209,338	1.2%
Vanguard Target Retirement 2035 Instl	VITFX	\$43,775,398	4.7%
Vanguard Target Retirement 2040 Instl	VIRSX	\$5,263,786	0.6%
Vanguard Target Retirement 2045 Instl	VITLX	\$19,337,570	2.1%
Vanguard Target Retirement 2050 Instl	VTRLX	\$2,237,117	0.2%
Vanguard Target Retirement 2055 Instl	VIVLX	\$4,769,902	0.5%
Vanguard Target Retirement 2060 Instl	VILVX	\$810,647	0.1%
Vanguard Target Retirement 2065 Instl	VSXFX	\$494,796	0.1%
	Total	\$191,277,186	20.5%

Miscellaneous	Ticker	Assets	%
Self-Directed Brokerage Account	-	\$4,554,106	0.5%
Participant Loans	-	\$3,879,309	0.4%
	Total	\$8 /33 /15	0.9%

TOTAL PLAN ASSETS \$932,375,483
Administrative Account Balance \$173,631

Review of Plan Investment Structure - November 2020

### Proposed Plan Investment Structure

Fixed Income	Ticker	Assets	%
Voya Fixed Account		\$338,286,038	37.4%
Passive High Quality Fixed Income	-	\$26,307,874	2.9%
Active High Quality Fixed Income	-	\$0	0.0%

Total \$364,593,912 40.3%

Large Cap	Ticker	Assets	%
Passive US Large Blend	-	\$107,196,040	11.2%
Active US Large Blend	-	\$100,244,319	10.2%
	Total	\$207 440 359	21 4%

SMID Cap	Ticker	Assets	%
Passive US Small/Mid Blend	-	\$52,502,511	5.6%
Active US Small/Mid Blend	-	\$71,874,782	7.7%
	Total	\$124,377,293	13.3%

International	Ticker	Assets	%
Passive International Blend	-	\$29,321,518	3.1%
Active International Blend	-	\$6,931,802	0.7%
	Total	\$36,253,319	3.8%

Asset Allocation	Ticker	Assets	%
Target Date Income	-	\$17,068,740	1.9%
Target Date 2015	-	\$33,643,367	3.8%
Target Date 2020	-	\$11,041,628	1.2%
Target Date 2025	-	\$41,624,898	4.4%
Target Date 2030	-	\$11,209,338	1.1%
Target Date 2035	-	\$43,775,398	4.6%
Target Date 2040	-	\$5,263,786	0.6%
Target Date 2045	-	\$19,337,570	2.0%
Target Date 2050	-	\$2,237,117	0.2%
Target Date 2055	-	\$4,769,902	0.5%
Target Date 2060	-	\$810,647	0.1%
Target Date 2065	=	\$494,796	0.0%
	Total	\$191,277,186	20.4%

Miscellaneous	Ticker	Assets	%
Self-Directed Brokerage Account	-	\$4,554,106	0.4%
Participant Loans	-	\$3,879,309	0.4%
	Total	\$8,433,415	0.9%

TOTAL PLAN ASSETS \$932,375,483
Administrative Account Balance \$173,631

Review of Plan Investment Structure - November 2020

### 1. Fixed Income Investment Menu

The Plans currently offer two fixed income investment options, including one capital preservation option (Voya Fixed Account, also available as the sole option in the FICA Alternative Plan) and one domestic high-quality option. The below tables detail the differences between the current structure and the proposed structure.

### **Current Structure**

	Low Qual	High Qual	Total
Capital Preservation	-	1	1
Domestic	-	1	1
Total	0	2	2

### **Proposed Structure**

	Low Qual	High Qual	Total
Capital Preservation	-	1	1
Domestic	-	2	2
Total	0	3	3

Hyas Group's proposed menu would see the addition of one active domestic high-quality option. Indexed options are generally skewed towards government related holdings. Allowing for a professional manager to add value by seeking limited exposure in corporate and lower quality or higher yielding markets outside of the index provides participants with a risk-managed exposure to these riskier market segments without the need for dedicated investments.

Participants who have a strong desire to invest in other fixed income asset classes, such as dedicated international or high yield managers, would have the ability to do so through the Self-Directed Brokerage Account (SDBA) option. Typically, only the participants who are more knowledgeable (and therefore better understand the risks) within these riskier asset classes would take the time to invest through the SDBA option.

Review of Plan Investment Structure - November 2020

### 2. Equity Investment Menu

US Sm

The current investment menu includes nine equity options. For domestic stocks, large-cap investment options include one active value, one passive blend, and one active growth option; small/mid-cap includes one passive mid value, two blend (one active mid and one passive small/mid), and one passive mid growth option. Within international equity, the Plans offer one international blend and one international growth option. The below tables offer a visual outline of the current options versus the proposed structure of equity offerings.

### **Current Structure**

	Value	Blend	Growth	Total
US Large	1	1	1	3
US Mid	1	1	1	3
US Small/Mid	-	1	-	1
International	-	1	1	2
Total	2	4	3	9

### **Proposed Structure**

	Value	Blend	Growth	Total
S Large	-	2	-	2
all/Mid	-	2	-	2
national	-	2	-	2
Total	0	6	0	6

The proposed structure would eliminate the asset class style options (value/growth) in favor of offering one active blended option and one passive blended option within each asset class which would be a combination of value and growth style investments rather than dedicated exposures.

While using the proposed structure, participants will still be able to gain exposure to the eliminated asset classes and styles as they are represented in a combination of the proposed options. It should also be noted that participants would retain the ability to invest in these asset classes directly through the SDBA, should they have a desire to do so. If style-specific options remain in the core lineup, the options available should be balanced on both the value and growth side rather than crowding out one side of the style spectrum across both domestic and international equity.

Lastly, by shifting to the proposed structure the Plans would have the opportunity to eliminate the two remaining funds which have revenue share (MFS Value R4 and Hartford MidCap HLS IA) that is currently being rebated back to participants invested in these options. If style- or capitalization-specific options are retained, Hyas Group recommends moving to zero revenue share versions of products, when available, or alternative non-revenue generation options to provide the greatest fee transparency possible to participants.

Review of Plan Investment Structure - November 2020

### 3. Asset Allocation Investment Menu

Currently the State offers target-date funds within their retirement plans. The benefit of the target-date option is that the funds will automatically rebalance towards a more conservative allocation based on the target retirement date associated with the option as the participant ages and nears retirement. Another approach is to include static risk-based portfolios that are less customized, but more consistent in structure. Rather than including dedicated risk-based portfolios, these can be recreated by participants that do not desire the automatic rebalancing feature of target-date funds by using the core menu of investment options in a more transparent fashion. Below is a summary of the differences between risk-based funds and target date funds.

	Risk-Based	Target Date
Portfolio Objectives	<ul><li>Constant risk profile</li><li>Not designed around retirement objectives</li></ul>	<ul> <li>Wealth accumulation for younger participants</li> <li>Wealth preservation for participants nearing or in retirement</li> </ul>
Participant Usage	<ul> <li>Self-risk assessment is subjective and is often not done in a wholistic manor</li> <li>Inertia means portfolio risk will not change though risk profile will</li> </ul>	<ul> <li>Age is objective and is a proxy for risk based on time horizon</li> <li>Inertia is ok because portfolio automatically adjusts risk as person ages</li> </ul>

Given that the Plans only offer target-date funds currently, there are no recommended changes in this asset class. The table below summarizes the currently available asset allocation options.

### Current Structure (no changes)

	Risk-Based	Age-Based	Total
Asset Allocation	ı	12	12

Review of Plan Investment Structure - November 2020

### Proposed Mapping Strategy

			Мар		
Current Investment Menu	Ticker	Assets	То	Recommended Investment Menu	Assets
Voya Fixed Account	-	\$338,286,038	-	Capital Preservation Option	\$338,286,038
Vanguard Total Bond Market Index I	VBTIX	\$26,307,874	-	Passive High Quality Fixed Income	\$26,307,874
-	-	-	+	Active High Quality Fixed Income	-
Vanguard Institutional Index Instl	VINIX	\$107,196,040	-	Passive US Large Blend	\$107,196,040
MFS Value R4	MEIJX	\$16,887,050	<b>→</b>	Astiva IIS I area Pland	\$100,244,319
T. Rowe Price Growth Stock I	PRUFX	\$83,357,269	<b>→</b>	Active US Large Blend	\$100,244,319
Vanguard Extended Market Index Instl	VIEIX	\$52,502,511	-	Passive US Small/Mid Blend	\$52,502,511
Vanguard Mid-Cap Value Index Adm	VMVAX	\$2,833,311	<b>→</b>		
Hartford MidCap HLS IA	HIMCX	\$50,238,602	<b>→</b>	Active US Small/Mid Blend	\$71,874,782
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$18,802,869	<b>→</b>		
Vanguard Developed Markets Index Instl	VTMNX	\$29,321,518	-	Passive International Blend	\$29,321,518
American Funds EuroPacific Growth R6	RERGX	\$6,931,802	<b>→</b>	Active International Blend	\$6,931,802
Vanguard Instl Target Retirement Series	Varies	\$191,277,186	-	Target-Date Series	\$191,277,186

Assets (excl.

SDBA/Loans): \$923,942,068 \$923,942,068

Review of Plan Investment Structure - November 2020

### Appendix: Non-Structural Investment Menu Considerations

Without changing the structure of the investment menu, additional enhancements can be made to the existing lineup. Two investment options currently provide revenue share that could be eliminated for non-revenue generating versions:

MFS Value R4 currently rebates 0.15% revenue share (net expense ratio: 0.42%) and could be replaced by MFS Value R6 (next expense ratio: 0.47%). MFS is attempting to remedy this non-parity issue across their product offerings, however there is no definitive timeline or plan for their approach at this time. While this change would increase costs by 0.05% for this fund on a net basis. it provides greater fee transparency the participants and also alleviates the administrative function of rebating revenue accurately.

Hartford MidCap HLS IA currently rebates 0.05% revenue share (net expense 0.65%) and could be replaced by the Wellington Mid Cap Opportunities CIT (net expense ratio: 0.57%). The Hartford mutual fund is sub-advised by Wellington and follows a comparable strategy to the CIT product. A R6 share class of the Hartford mutual fund is also available if that vehicle type is preferred, though comes at a net cost increase of 0.10% (net expense ratio: 0.75%).

The current international index option, Vanguard Developed Markets Index Instl, includes only developed markets. An international index that includes emerging markets exposure would be preferred, though comparable indices are generally slightly more expensive. The comparable index, Vanguard Total International Stock Index Instl, would increase expenses from 0.05% to 0.08%.

The current passive large cap option was just under the minimum asset threshold for a cheaper share class. Vanguard Institutional Index Institutional Plus share class is available with a \$100 million minimum. The expense ratio would decrease from 0.035% to 0.02% with this share class change.

Lastly, Vanguard has a CIT series of their target date funds available at 0.08%. The minimum investment for this series is \$200 million. The Plan's combined assets are just short of this target but are likely to reach the threshold in the near future. This would reduce target date costs from 0.09% to 0.08%.

### **State of Nevada**

Option 1: Maintain current funds and structure plus one actively managed fixed income option

Investment Menu	Ticker	Total Assets	Expense Ratio	Revenue Share	Map To:	New Investment Menu	Ticker	Expense Ratio	Revenue Share
Voya Fixed Account	-	\$338,286,038	0.40%	0.00%	<b>→</b>	Voya Fixed Account	-	0.40%	0.00%
Vanguard Total Bond Market Index I	VBTIX	\$26,307,874	0.035%	0.00%	<b>→</b>	Vanguard Total Bond Market Index I	VBTIX	0.035%	0.00%
•	-	-	-	-	+	Active Fixed Income (See Below)	-	-	-
MFS Value R4	MEIJX	\$16,887,050	0.57%	0.15%	<b>→</b>	MFS Value R4*	MEIJX	0.42%	0.15%
Vanguard Institutional Index Instl	VINIX	\$107,196,040	0.035%	0.00%	•	Vanguard Institutional Index Instl Plus	VIIIX	0.02%	0.00%
T. Rowe Price Growth Stock I	PRUFX	\$83,357,269	0.52%	0.00%	<b>→</b>	T. Rowe Price Growth Stock I	PRUFX	0.52%	0.00%
Vanguard Mid-Cap Value Index Adm	VMVAX	\$2,833,311	0.07%	0.00%	<b>→</b>	Vanguard Mid-Cap Value Index Adm	VMVAX	0.07%	0.00%
Hartford MidCap HLS IA	HIMCX	\$50,238,602	0.70%	0.05%	•	Wellington Mid Cap Opportunities Series 3	-	0.57%	0.00%
Vanguard Extended Market Index Instl	VIEIX	\$52,502,511	0.05%	0.00%	<b>→</b>	Vanguard Extended Market Index Instl	VIEIX	0.05%	0.00%
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$18,802,869	0.07%	0.00%	<b>→</b>	Vanguard Mid-Cap Growth Index Adm	VMGMX	0.07%	0.00%
Vanguard Developed Markets Index Instl	VTMNX	\$29,321,518	0.05%	0.00%	<b>→</b>	Vanguard Developed Markets Index Instl	VTMNX	0.05%	0.00%
American Funds EuroPacific Growth R6	RERGX	\$6,931,802	0.46%	0.00%	<b>&gt;</b>	American Funds EuroPacific Growth R6	RERGX	0.46%	0.00%
Vanguard Target Retirement Series Instl	Multiple	\$191,277,186	0.09%	0.00%	•	Vanguard Target Retirement Series Instl	Multiple	0.09%	0.00%
Self-Directed Brokerage Account	-	\$4,554,106	-	0.00%	<b>→</b>	Self-Directed Brokerage Account	-	-	0.00%
		\$563,902,263	0.274%	0.009%				0.262%	0.004%

Total Net Cost (%): 0.265% Total Net Cost (\$): \$1,492,983 Total Net Cost (%): 0.258% Total Net Cost (\$): \$1,453,288

0.38%

**MWTSX** 

0.00%

Expense Revenue **Active Fixed Income Options** Ticker Ratio Share Any of the three active fixed income options would provide a less government-focused approach to 1 Sterling Capital Total Return Bond R6 STRDX 0.35% 0.00% fixed income as compared to the current index. Sterling, while being the most conservative, provides a 2 Carillon Reams Core Plus Bond R6 **SCPWX** 0.40% 0.00%

3

Metropolitan West Total Return Bond Plan

low-cost strategy with the ability to add value via credit selection and diversification. The firm

Rationale

maintains good analytical depth and retention.

<sup>\*</sup>Non revenue-generating version available at a higher net cost. MFS Value R6 (MEIKX) = 0.47%.

### State of Nevada

Option 2: Modestly refine current fund structure to one active and one passive option in equity asset classes Revenue

Мар

To: New Investment Menu

**Expense** 

Ratio

**Ticker** 

Revenue

Share

Expense

**Total Assets** 

**Ticker** 

Investment Menu

			Italio	Onaro	10.				
Voya Fixed Account	-	\$338,286,038	0.40%	0.00%	•	Voya Fixed Account	-	0.40%	0.00%
Vanguard Total Bond Market Index I	VBTIX	\$26,307,874	0.035%	0.00%	<b>→</b>	Vanguard Total Bond Market Index I	VBTIX	0.035%	0.00%
-	-	-	-	-	+	Active Fixed Income (See Option 1)	-	-	-
Vanguard Institutional Index Instl	VINIX	\$107,196,040	0.035%	0.00%	<b>→</b>	Vanguard Institutional Index Instl Plus	VIIIX	0.02%	0.00%
MFS Value R4	MEIJX	\$16,887,050	0.57%	0.15%	<b>→</b>	Active Large Cap Core (See Below)	_	_	_
T. Rowe Price Growth Stock I	PRUFX	\$83,357,269	0.52%	0.00%		· · · · · · · · · · · · · · · · · · ·			
Vanguard Extended Market Index Instl	VIEIX	\$52,502,511	0.05%	0.00%	<b>→</b>	Vanguard Mid Cap Index Adm	VIMAX	0.05%	0.00%
Vanguard Mid-Cap Value Index Adm	VMVAX	\$2,833,311	0.07%	0.00%					
Hartford MidCap HLS IA	HIMCX	\$50,238,602	0.70%	0.05%	•	Active Mid Cap Core (See Below)	-	-	-
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$18,802,869	0.07%	0.00%					
-	-	-	-	-	+	Vanguard Small Cap Index Adm	VSMAX	0.05%	0.00%
-	-	-	-	-	+	Active Small Cap Core (See Below)	-	-	-
Vanguard Developed Markets Index Instl	VTMNX	\$29,321,518	0.05%	0.00%	<b>→</b>	Vanguard Developed Markets Index Instl	VTMNX	0.05%	0.00%
American Funds EuroPacific Growth R6	RERGX	\$6,931,802	0.46%	0.00%	<b>→</b>	Active International Core (See Below)	-	-	-
Vanguard Target Retirement Series Instl	Multiple	\$191,277,186	0.09%	0.00%	<b>→</b>	Vanguard Target Retirement Series Instl	Multiple	0.09%	0.00%
Self-Directed Brokerage Account	-	\$4,554,106	-	0.00%	•	Self-Directed Brokerage Account	-	-	0.00%
		\$563,902,263	0.274%	0.009%				0.288%	0.000%
		Total Na	et Cost (%):	0.265%			Total Net	Cost* (%):	0.288%
								• •	¢1 622 05
				\$1,492,983				et Cost* (\$):	\$1,622,95
Patianala					#	Active Large Can Core Ontions	Total Ne	et Cost* (\$):	Revenue
Rationale	search canabi	Total N	et Cost (\$):	\$1,492,983		Active Large Cap Core Options	Total Ne	et Cost* (\$): Expense Ratio	Revenue Share
Rationale All three managers are backed by extensive reson stock selection. Hartford is less constrained	•	Total No	et Cost (\$):	\$1,492,983 ategies' focus	1	Hartford Core Equity R6	Total Ne	Expense Ratio 0.39%	Revenue Share 0.00%
All three managers are backed by extensive res on stock selection. Hartford is less constrained alpha. The strategy targets companies with imp	by sector allo	Total Notal	et Cost (\$): e to their stra	\$1,492,983 attegies' focus	1 2		Ticker HAITX	Expense Ratio 0.39% 0.31%	Revenue Share 0.00% 0.00%
All three managers are backed by extensive reson stock selection. Hartford is less constrained	by sector allo	Total Notal	et Cost (\$): e to their stra	\$1,492,983 attegies' focus	1	Hartford Core Equity R6	Ticker HAITX	Expense Ratio 0.39%	Revenue Share 0.00%
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.	by sector allo	Total Notal	et Cost (\$): e to their stra	\$1,492,983 attegies' focus	1 2 3	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C	Ticker HAITX	Expense Ratio 0.39% 0.31% 0.49% Expense	Revenue
All three managers are backed by extensive res on stock selection. Hartford is less constrained alpha. The strategy targets companies with imp	by sector allo	Total Notal	et Cost (\$): e to their stra for additiona fundamental	\$1,492,983 ategies' focus al sources of lls with an	1 2 3	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C  MFS Research R6  Active Mid Cap Core Options	Ticker HAITX - MFRKX Ticker	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio	Revenue Share 0.00% 0.00% 0.00% Revenue Share
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companions markets. Hartford focuses on mispriced g	by sector alloo proving quality ies in an atten growth, steady	Total Notation Interest Total Notations, allowing and strong base and to provide stroeddies, and turns	et Cost (\$):  e to their stra for additiona fundamental onger protect	\$1,492,983  ategies' focus al sources of lls with an  attions during panies;	1 2 3 #	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C  MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6	Ticker HAITX - MFRKX Ticker CSMUX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88%	Revenue
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale Each manager focuses on high quality companions markets. Hartford focuses on mispriced geranassus focuses on competitive advantages	by sector alloo proving quality ies in an atten growth, steady with an ESG f	Total Notation Interest Total Notations, allowing and strong base and to provide stroeddies, and turns	et Cost (\$):  e to their stra for additiona fundamental onger protect	\$1,492,983  ategies' focus al sources of lls with an  attions during panies;	1 2 3 # 1 2	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C  MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6  Parnassus Mid Cap Instl	Ticker HAITX - MFRKX Ticker CSMUX PFPMX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75%	Revenue Share 0.00% 0.00% 0.00% Revenue Share 0.00% 0.00%
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companions markets. Hartford focuses on mispriced g	by sector alloo proving quality ies in an atten growth, steady with an ESG f	Total Notation Interest Total Notations, allowing and strong base and to provide stroeddies, and turns	et Cost (\$):  e to their stra for additiona fundamental onger protect	\$1,492,983  ategies' focus al sources of lls with an  attions during panies;	1 2 3 #	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C  MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6	Ticker HAITX - MFRKX Ticker CSMUX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75%	Revenue Share 0.00% 0.00% 0.00% Revenue Share 0.00% 0.00%
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale Each manager focuses on high quality companions markets. Hartford focuses on mispriced geranassus focuses on competitive advantages	by sector alloo proving quality ies in an atten growth, steady with an ESG f	Total Notal	et Cost (\$):  e to their stra for additiona fundamental onger protect	\$1,492,983  ategies' focus al sources of lls with an  attions during panies;	1 2 3 # 1 2	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C  MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6  Parnassus Mid Cap Instl	Ticker HAITX - MFRKX Ticker CSMUX PFPMX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75%	Revenue Share 0.00% 0.00% 0.00% Revenue Share 0.00% 0.00%
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companidown markets. Hartford focuses on mispriced governassus focuses on competitive advantages that may benefit from a specific or macro cataly  Rationale  Bottom-up company analysis is the back bone of	by sector allow proving quality ies in an atten growth, steady with an ESG f yst.	Total Notation Interest Total Notations, allowing and strong base and to provide strong base and to provide strong base and turns focus; and Carillows, and	et Cost (\$):  e to their stra for additiona fundamental  onger protect around comp on focuses or	\$1,492,983  ategies' focus al sources of lls with an attions during panies; in companies	1 2 3 # 1 2 3	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C  MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6  Parnassus Mid Cap Instl  Hartford Schroders US MidCap Opp SDR	Ticker HAITX - MFRKX Ticker CSMUX PFPMX SMDRX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75% 0.85% Expense	Revenue Share 0.00% 0.00% 0.00% Revenue Share 0.00% 0.00% Revenue Revenue
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companions of the companion of	by sector alloo proving quality ies in an atten growth, steady with an ESG f /st.	Total Notal	et Cost (\$):  e to their stra for additiona fundamental  onger protect around comp on focuses or es all stretch than limiting	\$1,492,983  ategies' focus al sources of lls with an  attions during panies; n companies	1 2 3 # 1 2 3	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6 Parnassus Mid Cap Instl Hartford Schroders US MidCap Opp SDR  Active Small Cap Core Options	Ticker HAITX - MFRKX Ticker CSMUX PFPMX SMDRX Ticker	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75% 0.85% Expense Ratio	Revenue Share  0.00%  0.00%  Revenue Share  0.00%  0.00%  Revenue Share
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companidown markets. Hartford focuses on mispriced governassus focuses on competitive advantages that may benefit from a specific or macro cataly  Rationale  Bottom-up company analysis is the back bone of	by sector alloo proving quality ies in an atten growth, steady with an ESG f /st.	Total Notal	et Cost (\$):  e to their stra for additiona fundamental  onger protect around comp on focuses or es all stretch than limiting	\$1,492,983  ategies' focus al sources of lls with an  attions during panies; n companies	1 2 3 # 1 2 3	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6 Parnassus Mid Cap Instl Hartford Schroders US MidCap Opp SDR  Active Small Cap Core Options  Hartford Schroders US SmallCap Opp SDR  Delaware Small Cap Core R6	Ticker HAITX - MFRKX Ticker CSMUX PFPMX SMDRX Ticker SCURX DCZRX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75% 0.85% Expense Ratio 1.03% 0.72%	Revenue Share  0.00%  0.00%  Revenue Share  0.00%  0.00%  Revenue Share  0.00%  0.00%
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companions of the companion of	by sector alloo proving quality ies in an atten growth, steady with an ESG f /st.	Total Notal	et Cost (\$):  e to their stra for additiona fundamental  onger protect around comp on focuses or es all stretch than limiting	\$1,492,983  ategies' focus al sources of lls with an  attions during panies; n companies	1 2 3 # 1 2 3	Hartford Core Equity R6 T. Rowe Price Structured Research Tr C MFS Research R6  Active Mid Cap Core Options Carillon Scout Mid Cap R6 Parnassus Mid Cap Instl Hartford Schroders US MidCap Opp SDR  Active Small Cap Core Options Hartford Schroders US SmallCap Opp SDR	Ticker HAITX - MFRKX Ticker CSMUX PFPMX SMDRX Ticker SCURX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75% 0.85% Expense Ratio 1.03% 0.72% 0.93%	Revenue Share 0.00% 0.00% 0.00% Revenue Share 0.00% 0.00% Revenue Share 0.00% 0.00% 0.00%
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companions of the companion of	by sector alloo proving quality ies in an atten growth, steady with an ESG f /st.	Total Notal	et Cost (\$):  e to their stra for additiona fundamental  onger protect around comp on focuses or es all stretch than limiting	\$1,492,983  ategies' focus al sources of lls with an  attions during panies; n companies	1 2 3 # 1 2 3 # 1 2 3	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6 Parnassus Mid Cap Instl Hartford Schroders US MidCap Opp SDR  Active Small Cap Core Options  Hartford Schroders US SmallCap Opp SDR  Delaware Small Cap Core R6	Ticker HAITX - MFRKX Ticker CSMUX PFPMX SMDRX Ticker SCURX DCZRX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75% 0.85% Expense Ratio 1.03% 0.72%	Revenue Share  0.00%  0.00%  Revenue Share  0.00%  0.00%  Revenue Share  0.00%  0.00%  Revenue Share  0.00%  0.00%
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companied with manager focuses on mispriced governassus focuses on competitive advantages that may benefit from a specific or macro cataly  Rationale  Bottom-up company analysis is the back bone of spectrum from value to growth and balance it was nivestable universe. Schroders focus on three of growth, limited downside volatility, and idiosyncters.  Rationale  All managers provide exposure to broad internal	by sector alloo proving quality ies in an atten growth, steady with an ESG f /st. of each strateg /ia portfolio co diversified, und gratic growth gi	Ities that are core cations, allowing and strong base opt to provide stro- eddies, and turns focus; and Carillo gy. Their mandate instruction rather correlated source tive it the edge.	et Cost (\$):  e to their stra for additiona fundamental  onger protect around comp on focuses or  es all stretch than limiting es of alpha in	\$1,492,983  ategies' focus al sources of lls with an strices during panies; in companies  at the lithe in mispriced erging	1 2 3 # 1 2 3 # 1 2 3	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6 Parnassus Mid Cap Instl Hartford Schroders US MidCap Opp SDR  Active Small Cap Core Options  Hartford Schroders US SmallCap Opp SDR  Delaware Small Cap Core R6 John Hancock Small Cap Core R6	Ticker HAITX - MFRKX Ticker CSMUX PFPMX SMDRX Ticker SCURX DCZRX JORSX	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75% 0.85% Expense Ratio 1.03% 0.72% 0.93% Expense	Revenue Share  0.00%  0.00%  Revenue Share  0.00%  0.00%  Revenue Share  0.00%  Revenue Share  0.00%  Revenue Share  0.00%  Revenue Share
All three managers are backed by extensive reson stock selection. Hartford is less constrained alpha. The strategy targets companies with impoutlook focusing on three to five years.  Rationale  Each manager focuses on high quality companied down markets. Hartford focuses on mispriced goarnassus focuses on competitive advantages that may benefit from a specific or macro cataly  Rationale  Bottom-up company analysis is the back bone of spectrum from value to growth and balance it was expressed to the province of the provin	by sector alloo proving quality ies in an atten growth, steady with an ESG f /st. of each strateg /ia portfolio co diversified, und ratic growth gi	Itities that are core cations, allowing and strong base and turns occus; and Carillo gy. Their mandate instruction rather correlated source ive it the edge.	et Cost (\$):  e to their stra for additiona fundamental  onger protect around comp on focuses or  es all stretch than limiting es of alpha in  strment in eme sleeves; JP	\$1,492,983  ategies' focus al sources of ls with an attions during panies; in companies  at the in the in mispriced erging Morgan	1 2 3 # 1 2 3 # # 1 2 3 # # 1 2 4 3 # # 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Hartford Core Equity R6  T. Rowe Price Structured Research Tr C MFS Research R6  Active Mid Cap Core Options  Carillon Scout Mid Cap R6 Parnassus Mid Cap Instl Hartford Schroders US MidCap Opp SDR  Active Small Cap Core Options  Hartford Schroders US SmallCap Opp SDR  Delaware Small Cap Core R6 John Hancock Small Cap Core R6  Active International Core Options	Ticker HAITX - MFRKX Ticker CSMUX PFPMX SMDRX Ticker SCURX DCZRX JORSX Ticker	Expense Ratio 0.39% 0.31% 0.49% Expense Ratio 0.88% 0.75% 0.85% Expense Ratio 1.03% 0.72% 0.93% Expense Ratio	Revenue Share  0.00%  0.00%  Revenue Share  0.00%  0.00%  Revenue Share  0.00%  Revenue Share  0.00%  Revenue Share

<sup>\*</sup>Estimated net cost utilizes the recommended replacement option. This includes Hartford Core Equity R6, Carillon Scout Mid Cap R6, and MFS International Diversification R6.

State of Nevada

Option 3: Aggressively refine current fund structure to one active and one passive option in equity asset classes and consolidate to SMID

nvestment Menu	Ticker	Total Assets	Expense Ratio	Revenue Share	Map To:	New Investment Menu	Ticker	Expense Ratio	Revenue Share
Voya Fixed Account	-	\$338,286,038	0.40%	0.00%	<b>→</b>	Voya Fixed Account	-	0.40%	0.00%
Vanguard Total Bond Market Index I	VBTIX	\$26,307,874	0.035%	0.00%	<b>→</b>	Vanguard Total Bond Market Index I	VBTIX	0.035%	0.00%
-	-	-	-	-	+	Active Fixed Income (See Option 1)	-	-	-
Vanguard Institutional Index Instl	VINIX	\$107,196,040	0.035%	0.00%	<b>→</b>	Vanguard Institutional Index Instl Plus	VIIIX	0.02%	0.00%
MFS Value R4	MEIJX	\$16,887,050	0.57%	0.15%	<b>→</b>	Active Large Cap Core (See Option 2)			
T. Rowe Price Growth Stock I	PRUFX	\$83,357,269	0.52%	0.00%	7	Active Large Cap Core (See Option 2)	-	-	-
Vanguard Extended Market Index Instl	VIEIX	\$52,502,511	0.05%	0.00%	<b>→</b>	Vanguard Extended Market Index Instl	VIEIX	0.05%	0.00%
Vanguard Mid-Cap Value Index Adm	VMVAX	\$2,833,311	0.07%	0.00%					
Hartford MidCap HLS IA	HIMCX	\$50,238,602	0.70%	0.05%	<b>→</b>	Active SMID Cap Core (See Below)	-	-	-
Vanguard Mid-Cap Growth Index Adm	VMGMX	\$18,802,869	0.07%	0.00%					
Vanguard Developed Markets Index Instl	VTMNX	\$29,321,518	0.05%	0.00%	<b>→</b>	Vanguard Developed Markets Index Instl	VTMNX	0.05%	0.00%
American Funds EuroPacific Growth R6	RERGX	\$6,931,802	0.46%	0.00%	<b>→</b>	Active International Core (See Option 2)	-	-	-
Vanguard Target Retirement Series Instl	Multiple	\$191,277,186	0.09%	0.00%	<b>→</b>	Vanguard Target Retirement Series Instl	Multiple	0.09%	0.00%
Self-Directed Brokerage Account	-	\$4,554,106	-	0.00%	•	Self-Directed Brokerage Account	-	-	0.00%
		\$563,902,263	0.274%	0.009%				0.285%	0.000%
		Total Ne	et Cost (%):	0.265%			Total Net	t Cost* (%):	0.285%
		Total N	et Cost (\$):	\$1,492,983			Total Ne	et Cost* (\$):	\$1,609,864
								Expense	Revenue
ationale					#	Active Large Cap Core Options	Ticker	Ratio	Share
hese three managers each follow a fundament	•				1	Wellington SMID Cap Research Equity	-	0.85%	0.00%
Vellington is unique in that the portfolio is dividendustry Analysts in an effort to maintain broad i				•	2	Schroder US Small and Mid Cap Eq Tr 3	-	0.75%	0.00%
tyle risk.	·				3	JPMorgan SMID Cap Equity R6	WOOSX	0.64%	0.00%

<sup>\*</sup>Estimated net cost utilizes the recommended replacement option. This includes Hartford Core Equity R6, Wellington SMID Cap Research Equity, and MFS International Diversification R6.

### **PERFORMANCE REVIEW**

Investment Menu Options

Third Quarter 2020

					Annualized	1						
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2019	2018	2017	2016	2015	2014
No Current Option Mapping												
Sterling Capital Total Return Bond R6	1.59	7.55	7.70	5.69	4.82	4.15	9.37	-0.27	4.33	3.75	0.54	5.99
Carillon Reams Core Plus Bond I	1.79	14.63	14.52	7.86	5.81	4.92	8.29	0.76	3.51	3.57	0.10	2.32
Metropolitan West Total Return Bd Plan	1.24	7.79	8.09	5.83	4.53	4.59	9.23	0.29	3.49	2.56	0.25	6.16
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2019	2018	2017	2016	2015	2014
Vanguard Institutional Index I	8.92	5.57	15.13	12.25	14.12	13.71	31.46	4.42	21.79	11.93	1.37	13.65
Vanguard Institutional Index Instl PI	8.93	5.58	15.15	12.27	14.14	13.74	31.48	-4.41	21.82	11.95	1.39	13.68
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2019	2018	2017	2016	2015	2014
Hartford MidCap HLS IA	4.44	0.84	5.96	9.42	11.75	12.82	32.86	7.44	24.47	11.98	1.60	11.37
Wellington CIF II MdCap Opportunities S3	4.41	-0.95	5.92	9.58	-	-	33.06	-7.03	24.54	12.14	1.65	11.07

### **PERFORMANCE REVIEW**

Investment Menu Options

Third Quarter 2020

					Annualized	1						
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2019	2018	2017	2016	2015	2014
MFS Value R4	5.93	7.70	1.14	4.34	8.96	10.72	30.08	9.87	17.74	14.14	0.54	10.57
T. Rowe Price Growth Stock I	12.19	22.37	34.71	19.01	18.60	16.88	30.98	0.89	33.84	1.58	10.93	8.83
T. Rowe Price Structured Research Tr-C	9.52	6.30	16.23	12.90	14.84	14.13	32.78	-4.28	24.04	10.53	3.19	12.51
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2019	2018	2017	2016	2015	2014
Vanguard Mid Cap Value Index Admiral	6.58	13.21	7.75	1.08	6.41	10.05	27.99	12.42	17.04	15.26	1.80	13.98
Hartford MidCap HLS IA	4.44	0.84	5.96	9.42	11.75	12.82	32.86	7.44	24.47	11.98	1.60	11.37
Vanguard Mid Cap Growth Index Admiral	9.26	14.06	22.58	14.83	14.03	13.65	33.86	5.60	21.83	6.75	0.98	13.48
Parnassus Mid Cap Institutional	8.67	-0.28	3.22	7.84	11.29	12.09	29.01	-6.39	16.04	16.28	-0.65	11.25
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2019	2018	2017	2016	2015	2014
No Current Option Mapping	101	1101	4.04	1 10	- 44		22.24	40.70	1101	10.10	4.0=	
Hartford Schroders US Small Cap Opps SDR	4.86	-14.21	-6.21	1.68	7.41	9.24	32.06	-10.72	14.81	19.49	-1.37	8.50
Delaware Small Cap Core R6	0.91	-10.81	-4.13	0.78	7.50	11.03	26.15	-11.44	14.35	21.50	-3.35	8.85
JHancock Small Cap Core R6	6.59	-0.97	6.86	1.91	10.06	-	26.99	-18.17	16.31	27.18	-1.21	-0.80
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2019	2018	2017	2016	2015	2014
American Funds Europacific Growth R6	9.66	4.43	14.97	5.67	9.08	6.79	27.40	14.91	31.17	1.01	0.48	2.29
MFS Intl Diversification R6	7.97	1.57	11.08	6.48	9.57	7.21	26.09	-10.92	30.25	2.47	0.11	-3.86
JPMorgan International Equity R6	6.96	-2.18	6.25	2.70	7.13	5.27	27.46	-17.69	30.05	1.88	-2.27	-6.23
Hartford International Equity R6	6.66	-4.45	3.64	0.30	6.23	4.94	20.88	-15.91	28.80	4.41	-0.35	-5.39

### **PERFORMANCE REVIEW**

Investment Menu Options

Third Quarter 2020

					Annualized	1						
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2019	2018	2017	2016	2015	2014
Vanguard Mid Cap Value Index Admiral	6.58	13.21	7.75	1.08	6.41	10.05	27.99	12.42	17.04	15.26	1.80	13.98
Hartford MidCap HLS IA	4.44	0.84	5.96	9.42	11.75	12.82	32.86	7.44	24.47	11.98	1.60	11.37
Vanguard Mid Cap Growth Index Admiral	9.26	14.06	22.58	14.83	14.03	13.65	33.86	5.60	21.83	6.75	0.98	13.48
Wellington SMID Cap Research Equity	6.63	-5.95	4.51	7.42	11.93	-	39.05	-9.95	20.41	17.77	-0.72	11.84
Schroder US Small and Mid Cap Eq Trust 3	5.21	-10.53	-3.38	2.66	7.62	9.98	29.60	-11.10	15.59	18.80	1.45	10.93
JPMorgan SMID Cap Equity R6	7.06	-6.14	0.92	3.76	7.57	10.48	26.46	-11.41	17.29	12.37	-5.90	15.62

Sterling Capital Total Return Bond R6 (USD)	g Ca 6 (U	pita SD)	170	<u>a</u>	Ret	ürn	Morningst Rating <sup>TM</sup> Neu†ral <sup>Q</sup> 10-31-2020	ngstar Q   Q   Q   Q   Q	Morningstar Quantitative Rating <sup>TM</sup> Neu†rol Q 10-31-2020		Overall Morningstar Rating™ Standard Index  ☆☆☆☆  BBgBarc US Agg  378  S Fund Intermediate  Bond TR USD  Core Bond	Morning und Inte	ystar Ra rmediat	ting <sup>TM</sup>	Standard Index BBgBarc US Agg Bond TR USD	d Index US Agg USD	Category Index BBgBarc US Agg Bond TR USD	y Index US Agg USD	Morningstar Cat US Fund Intermediate Core Bond
Performance 10-31-2020	-31-2020																	Investment Style	ent Sty
Quarterly Returns	1st Otr	2nd Otr	3rd Otr 4	4th Otr Ti	Total %	æ [	98	94	97	96	97	97	95	97	98	96	96	Fixed-Income Bond %	come
2018	-1.40	-0.15		1.06	-0.27												100k		
2019	3.23	3.53	2.19	0.14	9.37												60k	Gro	of \$10
2020	0.73	5.10	1.59	-	7.13												40k	Ste	Sterling Capital Total Return
Trailing Returns	1 Yr 6 91	3 Yr	5 Yr	10 Yr	Incept 6 25	:											706	   185	18,239 Category
Std 09-30-2020	7.70				6.61											\	, NO.	17,	17,489
Total Return	6.91	5.47	4.69	4.06	6.25	1											10k	16,7	Standard Index 16,268
+/- Std Index	0.72	0.40	0.61	0.51															
+/- Cat Index	0.72	0.40	0.61	0.51	1	-											4k		
% Rank Cat	17	11	8	13														Performance Quartile	ance C
No. in Cat	418	378	333	253		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	10-20	History	diegoly
		Subs	Subsidized	Unsubsidized	sidized										2	10 00	2		

			s	Utilities		ı		1			ır Asia	Greater Asia	26.19%			Potential Cap Gains Exp
		ilolyd	Consumer Determine	Hoalth:	3 6	1		I			Greater Europe	Greate	2 85%			-Month Viold
		neivo	nar Dafa	Concumer	]	1		I			as	Americas		01 .	81.25	R-Squared
			g	Defensive		Rel Std Index	Re	Stocks %	S	o i	Regional Exposure	Regiona		01 0	1.05	Beta
			loov	Technolog	•	0.00						3	Best Fit Index		Standard Index	MPT Statistics A laha
			-	Energy	•	0.05					В	Below B				-
	S	Communication Services	ınication	Commu	#0	0.20						В	1.01	0.97	1.19	Sharpe Ratio
			ve	Sensitive	<b>ξ</b>	0.35						88	4.69	5.47	6.91	Mean Deviation
			tate	Real Estate	Đ	22.12						888	2 47	3 05	л 22 1	anderd Deviation
		ces	Financial Services	Financi		19.83						Þ	10 4	n (	د ڊ ر	
		ical	Consumer Cyclical	Consur	Ð	6.86						8	+Avg	High	+Avg	Morningstar Return
		S	Basic Materials	Basic N	<b>.</b>	Bond % 50.59			09-30-2020	akdown	Credit Quality Breakdown 09-30-2020 AAA	Credit C	+Avg	+Avg	+Avg	Morningstar Risk
- STUCKS 76				Դ Cyclical	۽ ج					,			253 funds	-		Socionation Doting TM
				Wall-line	?					γOη			10 Yr	5Yr	3 Yr	
/IERCIAL	WELLS FARGO COMMERCIAL MORTGAGE TR	WELLS F.	13 mil		(	3.38 107.96		pon	Avg Wtd Coupon Avg Wtd Price				0.30			Risk and Return Profile
9, 15	\c-Thrii  7%	Enma Pac				5.83		ion	Avg Eff Duration	ψ <sup>6</sup> iH Avg			9 5			Net Expelled nado /o
iortgage	Federal Home Loan Wortgage Corpora Enternrise Fleet Financing 110.3	Federal F	13 E			7.92		rity	Avg Eff Maturity		Mod Ext	Ltd N	<b>.</b> 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.			12b1 Expense %
	Fnma Pass-Thru I 2.5%	Fnma Pas			·					<del>-</del>	Fixed-Income Style	Fixed-l	0.37			Management Fees %
JIO RE(	SANTANDER DRIVE AUTO RECEIVABLES I	SANIAN	16 mil					4	\$mil	ilems						Fund Expenses
Bonds	United States Treasury Bonds 1.38%	United St			登	 		Cap ≤	P/6 haud I IIVI Geo Avo Mkt C				₽ B			Deferred Load %
14%	BANK 2020-BNK27 2.1	BANK 20				1		. S	P/C Ratio TTM				N			Front-End Load %
	Fnma Pass-Thru I 3.5%	Fnma Pas			(1)	1		_	P/E Ratio TTM		Value Blend Growth	Value B				Sales Charges
	Fnma Pass-Thru I 3%	Fnma Pas	16 mil			Rel Re dex Car	Port Rel Avg Index	stics	Portfolio Statistics	Port	Style	Equity Style				Fees and Expenses
gage As	Federal National Mortgage Associat	Federal N			①		0.00		-							www.sterlingcapitalfunds.com.
VNER T	FORD CREDIT AUTO OWNER TRUST 1.06%	FORD CR	19 mil				100 옷	100 00	1			Total			-1872 or visit	month-end, please call 800-228-1872 or visit
rtgage	Federal Home Loan Mortgage Corpora	Federal H	19 mil			0.00	1.87	1.87		_	Other/Not Clsfd	Other/	recent	the most	data current to	quoted herein. For performance data current to the most recent
rtgage	Federal Home Loan Mortgage Corpora	Federal H	19 mil		<b>①</b>	0.00	96.04	96.04	<b>,</b>			Bonds	data	han return	ver or hiaher th	Current performance may be lower or higher than return data
sury Ot	Federated Hermes Treasury Obl IS	Federate		6.3	_	0.00	0.00	0.00			Non-US Stocks	Non-U	os man	11101601	. Illay be wolul	shares, when sold of redeemed, may be worth more of less than their original cost
2	ver Ratio	79% Turnover Ratio				0.00	0.00	0.00			icks	US Stocks	resthan	more or h	may he worth	philicipal value of an investment will huctuate; thus an investor s shares, when sold or redeemed, may be worth more or less than
ed-Incom	0 Total Stocks , 481 Total Fixed-Income,	0 Total Stor	Amount			0.35	2.44	2.09				Cash	and	ent return	ts. The Investm	does not guarantee future results. The investment return and
		Holdings:	Share	Share Chg		Short %	Long %	Net %		% '	Asset Allocation %	Asset A	ice and	performan	presents past,	The performance data quoted represents past performance and
									31-2020	<b>/sis</b> 10-3	Portfolio Analysis 10-31-2020	Portfo			ics.	(if applicable) Morningstar metrics.
No. of Funds in Cat	420	430	-	-				_	-	-	1	1	1 10-year	, five-, and	e of the three-,	derived from a weighted average of the three-, five-, and 10-year
% Rank Cat	1	17	1	1	1	1	1	1	1	1	1		returns	k-adiuster	is hased on ris	<b>Performance Disclosure</b> The Overall Morningstar Bating is based on risk-adjusted returns
+/- Category Index	0.82	0.65	-0.28	0.79	1.10	-0.01	0.03	1.05	1.93	-1.11	1.44	5.77			01-2021	r. Contractual warver, Expires 01-51-2021
+/- Standard Index	0.82	0.65	-0.28	0.79	1.10	-0.01	0.03	1.05	1.93	-1.11	1.44	5.77			. C/.1	30-day SEC Yield 10-31-20
Total Return %		9.37	-0.27	4.33	3.75	0.54	5.99	-0.97	6.14	6.73	7.98	11.70	3	1 0	2.58 <sup>1</sup>	r-day Yield 11-23-20
140.4/11.00	1.02	70.0	7.0								_			<u> </u>	2 20	Ja V: ald 11 00 00

Objective: Tenure: Manager: Family:

12.8 Years Growth and Income

Multiple

Ticker: ISIN:

STRDX

Incept:

Purchase Constraints:

A 02-01-2018

US85918D6242

Minimum Initial Purchase:

\$0

Total Assets:

\$1,757.48 mil

Base Currency:

Sterling Capital Funds

## Bond R-6 (USD) **Carillon Reams**

**Core Plus** 

98

Performance 10-31-2020	31-2020				
Quarterly Returns	1st Otr	2nd Otr	3rd Otr	4th Otr	Total %
2018	-1.18	-0.26	-0.44	2.68	0.76
2019	3.00	2.98	2.19	-0.10	8.29
2020	3.52	8.82	1.79		14.47
Trailing Returns	1Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	14.14			I	7.97
Std 09-30-2020	14.55	I	1	I	8.28
Total Return	14.14	7.84	5.64	4.88	7.97
+/- Std Index	7.96	2.78	1.56	1.33	
+/- Cat Index	8.18	2.86	1.30	1.05	1
% Rank Cat	_	1	2	8	
No. in Cat	603	540	458	340	

Performance Disclosure
The Overall Morningstar Rating is based on risk-adjusted returns,
derived from a weighted average of the three-, five-, and 10-year (if applicable) Morningstar metrics.

30-day SEC Yield

7-day Yield

Subsidized

Unsubsidized

26.59 35.19 29.26 2009

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than their original cost. does not guarantee future results. The investment return and The performance data quoted represents past performance and

Current performance may be lower or higher than return data quoted herein. For performance data current to the most recent month-end, please call 800-421-4184 or visit

www.eagleasset.com.	
Fees and Expenses	
Sales Charges	
Front-End Load %	z
Deferred Load %	Z
Fund Expenses	
Management Fees %	0.4
12b1 Expense %	0.0
Net Expense Ratio %	0.4
Gross Expense Ratio %	1.1
Rick and Return Profile	

0.96%			otential Cap Gains Exp
ı			12-Month Yield
ı	64	74.64	R-Squared
1	1.14	1.	3eta
ı	2.18	2.	۹lpha
Best Fit Index		Standard Index	MPT Statistics
1.11	1.37	2.44	Sharpe Ratio
5.64	7.84	14.14	Mean
3.97	4.40	5.20	Standard Deviation
10 Yr	5 Yr	3 Yr	
High	High	High	Morningstar Return
Avg	Avg	Avg	Morningstar Risk
5☆	5☆	5☆	Morningstar Rating™
340 funds	5 Tr 458 funds	540 funds	
10 <	n <.	ء <	nisk allu neturii Froille
			Riek and Roturn Profile
1.18			Gross Expense Ratio %
0.40			Net Expense Ratio %
0.00			12b1 Expense %
0.40			Management Fees %
			fund Expenses
N			Deferred Load %
N			Front-End Load %
			Sales Charges

		:								4											- 1 '
1	1	2.89	3.52	10.06		2010										82		01-14-2020	Bronze	Mornin	1
1	1	0.89	0.45	8.29	ı	2011										100		020	ezm	ıgstar A	
1		4.32	5.64	9.85		2012										85				nalyst R	
I	1	0.99	1.67	-0.36		2013										88				ating™	
1	ı	-3.24	-3.64	2.32		2014										94		540US Fund Int Core-Plus Bond	***	0verall	
	1	-0.33	-0.45	0.10		2015										93		540US Fund Intermediate Core-Plus Bond	♪	Morningstar Analyst Rating™ Overall Morningstar Rating™	
1	1	-0.34	0.92	3.57		2016										97		ermediat		gstar Re	
1	ı	-0.58	-0.04	3.51	31.76	2017										82				ting™	
617	9	1.02	0.75	0.76	31.28	2018										92		Bond TR USD	BBgBarc	Standard Index	
613	73	-1.00	-0.42	8.29	32.41	2019										94		USD	BBgBarc US Agg	d Index	
610	1	8.65	8.15	14.47	36.65	10-20		4k	100	į	} 200x	300	40k	60k		78		Universal TR USD	BBgBarc US	Category Index	
No. of Fu	% Rank Cat	+/- Cate	+/- Stan	Total Return %	NAV/Price	History	Performance Q (within category)		16,	- Sta	18	— 24.	Bo		Growth	Bond %	Investment Sty Fixed-Income	TR USD	SI	Index	
No. of Funds in Cat	Cat	+/- Category Index	+/- Standard Index	turn %	се		Performance Quartile (within category)		16,268	Standard Index	18 432	24,186 Category Average	Bond R-6	Carillon Beams Core Plus	Growth of \$10 000		Investment Style Fixed-Income	Core-Plus Bond	US Fund Intermediate	Morningstar Cat	

Portfolio Analysis 09-30-2020	is 09-30-2020				
Asset Allocation %	Net %	Long % Short %	% Share Chg Share		Net Assets
Cash	19.35	21.11 1.	76 since Amount		%
US Stocks	0.00	0.00 0.00	) 00-2020		
Non-US Stocks	0.00		0.00 🌣 115 mil	United States Treasury Notes 1.13%	8.30
Bonds	79.77		0.00 🌣 75 mil	I Fnci 2 12/20	5.56
Other/Not Clsfd	0.88	-	0.00 🌣 57 mil	I Fncl 2 12/20	4.25
Total	100 00	101 76 1	76 🌣 43 mil	I Fnma Tba 30yr Tba 2.5 Dec	3.22
				l Federal National Mortgage Associat	2.67
Equity Style	Portfolio Statistics	Port Rel Avg Index	Rel Cat ⊕ 39 mil	I United States Treasury Bonds 1.25%	2.65
In Moin Diele aniev	P/E Ratio TTM				2.48
әб	P/C Ratio TTM			I United States Treasury Bills 0%	2.48
biM	P/B Ratio I IM			I GNMA 2.5%	1.96
Ilsm2	\$mil		<b>☆</b> 22 mil	Ford Motor Credit Company LLC 3.37%	1.55
				I United States Treasury Notes 0.63%	1.31
Fixed-Income Style	Ave Eff Maturity	л	<sub>on</sub> 15 mil	Wells Fargo & Company 4.48%	1.29
Ltd Mod Ext	Avg Eff Duration	4 0	4 60 14 mil	I TransCanada Pipelines Limited 4.1%	1.12
цбін	Ava Wtd Coupon		⊕ 12 mil	I JPMorgan Chase & Co. 4.49%	1.04
bəM	Avg Wtd Price	105.28		I GM FINANCIAL CONSUMER AUTOMOBILE R	1.01
мод			Sector Weightings	Stocks %	Rel Std Index
Condit Ountitu Brook	00 00 0000	D	ຼ ∿ Cyclical	I	I
	(40 WH 08-30-2020	75 bs	<sub>2Δ</sub>	ials —	I
> ]			Consumer Cyclical	velical —	

	I	ĺ		Rel Std Index	0.00	0.05	0.00	2.48	18.50	15.80	3.82	59.34	Don't of		02.00
Utilities	Healthcare	Consumer Defensive	→ Defensive	Technology	Industrials	<b>♦</b> Energy	■ Communication Services	∨ Sensitive	Real Estate	Financial Services	Consumer Cyclical	Basic Materials	Դ Cyclical	Sector Weightings	3
I		1	I		I	I		Ι	I			I	I	Stocks %	
1		-	1		1	1		1	1			1	1	Rel Std Index	

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Objective:

Multisector Bond 24.0 Years Multiple

Minimum Initial Purchase:

\$0

Total Assets:

\$1,308.92 mil

Tenure:

Manager:

Family:

Carillon Family of Funds

Ticker:

SCPWX

Incept:

Purchase Constraints:

A 11-20-2017

US14214M6176

Base Currency:

ISIN:

Greater Europe Greater Asia

Americas

Regional Exposure

Stocks %

Below B NR

888

⊳ Ş

Operations

### Return Bd Plan (USD) Metropolitan West Total

89

æ

97

92

93

88

95

9

87

8

96

96

Performance 10-31-2020	31-2020				
Quarterly Returns	1st Otr	2nd Otr	3rd Otr	4th Otr	Total %
2018	-1.30	-0.01	0.12	1.49	0.29
2019	3.15	3.27	2.26	0.28	9.23
2020	2.26	4.12	1.24		7.43
Trailing Returns	1 Yr	3 Yr	5 Yr	10 Yr	Incept
Load-adj Mthly	7.40	5.71	4.45	I	4.51
Std 09-30-2020	8.09	1	4.53	I	4.59
Total Return	7.40	5.71	4.45	4.45	4.51
+/- Std Index	1.21	0.65	0.36	0.90	
+/- Cat Index	1.43	0.73	0.10	0.62	
% Rank Cat	16	10	36	17	
No. in Cat	603	540	458	340	

		Performance Disclosure
2.98	1.35	30-day SEC Yield 10-31-20
	1.34	7-day Yield 11-23-20
Unsubsidized	Subsidized	

11.15 17.08

11.53 4.99 4.36

4.92 10.27 11.54 7.33 6.01

2009

2010

2012

2014

2015

9.94 2013

10.28

10.00

8.48

-2.48 -2.92 9.79 2011

1.79 0.45 2.47

0.60 0.19 6.16

-0.18 -0.30 0.25

-1.35

-0.60

0.54 0.27

-0.06

. 61 610

-0.09 2.56 9.91 2016

17

 $\omega$ 

83

467

510 27

617

613 ឌ

No. of Funds in Cat % Rank Cat +/- Category Index

principal value of an investment will fluctuate; thus an investor's shares, when sold or redeemed, may be worth more or less than The Overall Morningstar Rating is based on risk-adjusted returns, derived from a weighted average of the three-, five-, and 10-year does not guarantee future results. The investment return and The performance data quoted represents past performance and (if applicable) Morningstar metrics.

month-end, please call 800-241-4671 or visit www.mwamllc.com quoted herein. For performance data current to the most recent Current performance may be lower or higher than return data their original cost. Fees and Expenses

### **Deferred Load %** Front-End Load % Sales Charges Σ Z

		5
		0.35
		Z,
		0.38
		0.38
	5 Yr	10 Yi
5 <b>⊁</b>	<b>4</b>	4☆
-Avg	-Avg	-Avg
High	Avg	+Avg
3 Yr	5 Yr	10 Yı
3.93	3.54	3.16
7.40	5.71	4.45
1.69	1.15	1.03
Standard Index	Be Be	Best Fit Index BBgBarc US
0.53		0.65
1.03		1.02
96.41		96.54
		1.96%
		0.85%
	3 Yr 540 funds 458 5★ -Avg High 3 Yr 3.93 7.40 1.69 Standard Index 0.53 1.03 96.41	458 func 448 func 44 -Av -Av -Av -5,7 5,7 1.1 1.1 1.03

rningstar Analyst Rating™	rningstar Analyst Rating™ Overall Morningstar Rating™ Star	Star
Silver	***	BBgl
J	540 US Fund Intermediate	Bono
	Core-Plus Bond	

12:C

3gBarc US Agg and TR USD ndard Index

Universal TR USD BBgBarc US

Category Index Core-Plus Bond **US Fund Intermediate Morningstar Cat** 

: 2 2 · 20k 6 8 8 10 10 10 4 Investment Style
Fixed-Income
Bond % Growth of \$10,000 18,432 20,402 Metropolitan West Total Return Bd Plan Standard Index Category Average

+/- Standard Index	1.11	0.51	0.27	-0.05
Total Return %	7.43	9.23	0.29	3.49
NAV/Price	10.88	10.29	9.78	10.03
History	10-20	2019	2018	2017
Performance Quartile (within category)				

Portfolio Analysis 10-31-2020	<b>s</b> 10-31-2020			<b>Top Holdings</b> 09-30-2020	10-2020	
Asset Allocation % Cash US Stocks	Net % -3.63 0.00	Long % 3.96	Short % 7.58 0.00	Share Chg Share since Amount 09-2020	Share Holdings: mount 1 Total Stocks , 1,854 Total Fixed-Income, 40.5% Turnover Ratio	Net Assets %
Non-US Stocks	0.00	0.00	0.00	① 6,663 mil	United States Treasury Notes 0.12%	
Bonds	102.98	102.98	0.00	⊕ 5,277 mil	United States Treasury Bonds 1.38%	
Other/Not Clsfd	0.65	0.65	0.00	☆ 4,342 mil	United States Treasury Notes 0.25%	
Total	100.00	107.59	7.59	⊕ 4,205 mil	United States Treasury Notes 0.25% Federal National Mortgage Associat	
Equity Style	Portfolio Statistics	Port Rel Avg Index	Rel		United States Treasury Notes 0.12%	
inwois pilad	P/E Ratio TTM	 		3,142 mil	United States Treasury Notes 0.12%	
96	P/C Ratio TTM	1		☼ 1,938 mil	Federal National Mortgage Associat	
biM	F/B Ratio I IIVI	1		效 1,728 mil	Government National Mortgage Assoc	
llsm2	\$mil			① 1,329 mil	United States Treasury Notes 0.25%	
				☆ 1,276 mil	,276 mil Federal National Mortgage Associat	
Fixed-Income Style	And Eff Maturity		7 07	( 1,193 mil	Government National Mortgage Assoc	
Ltd Mod Ext	Avg Eff Duration		л . 50	1,052 mil	United States Treasury Notes 0.38%	
чеін	Ava Wtd Coupon		2.28	1,000 mil	United States Treasury Bills 0%	
beM	Avg Wtd Price		103.32	① 632 mil	632 mil Federal National Mortgage Associat	
MOT				Sector Weightings	Stocks %	Rel Std Index
Cradit Ouglity Brank	00 00 0000		0/ 0/	∿ Cyclical	1	
	<b>000011</b> 09-30-2020		67 16	Basic Materials	lls –	
> }			3 .	Consumer Cyclical		

16

	  -	I		Rel Std Index	0.00	2.68	0.78		_	6.63	3.08	67 16			103.32
Utilities	◆ Healthcare	Consumer Defensive	→ Defensive	Technology	<b>⇔</b> Industrials	★ Energy	Communication Services	∨ Sensitive	Real Estate	Financial Services	Consumer Cyclical	Basic Materials	Դ Cyclical	Sector Weightings	(i) 032 IIII - reuelal Natioliai Ivioligage Associat
I	I	I	I		I	I		Ι	1	I	I	I	I	Stocks %	Nortgage Associat
ı	1	I	1				I	ı					1	Rel Std Index	0./4

Objective:	Tenure:	Manager:	Family:	Operations
Corporate Bond - General	23.7 Years	Multiple	Metropolitan West Funds	

Minimum Initial Purchase:	ISIN:	Ticker:	Base Currency:
\$25 mil	US59290	MWTSX	USD

Greater Europe Greater Asia

Americas Regional Exposure Below B

888

₿

\$25 mil	US5929057645	MWTSX	USD
Total Assets:	Туре:	Incept:	Purchase Constraints:
\$90,334.33 mil	MF	07-29-2011	Þ



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### **3Q | 2020 THE 457 PLAN FIDUCIARY ADVISOR**

### Department of Labor Proposes Rules to Guide Fiduciaries on Voting Shareholder Proxies

"Under the Proposed Rule, plan fiduciaries must research all material facts and analyze each proxy vote to determine if that vote would have an economic benefit to the plan ... [To] minimize the increased costs of such investigations and analysis, the fiduciary may choose to use a permitted policy outlined in the regulations ... [1] voting proxies with management, [2] voting only on certain types of corporate events (e.g., mergers and acquisitions), or [3] voting only if the corporate stock makes up a minimum threshold of the plan's investment holdings." Read the full analysis from Groom Law Group here.

### Internal Revenue Service Issued a Private Letter Ruling That Allows Employees to Direct Employer Contributions to Either an HRA or a 401(k) Plan

"In a <u>private letter ruling</u>, the IRS has affirmed that employees may allocate employer contributions between a funded [HRA] and a qualified profit-sharing plan without altering the tax effects of either plan. The ruling was requested by a union proposing plan amendments that would give employees an annual advance election to allocate a portion of their employers' contributions ... between the HRA and the profit-sharing plan. In the absence of an employee election, a default uniform fixed contribution would be allocated to the profit-sharing plan and the remainder would go to the HRA." Read the details in this piece from Thompson-Reuters.

## Department of Labor Issues Interim Final Rule on How Firms Must Disclose Lifetime Income Projections

"The Interim Rule requires plans to also show participants the amount of estimated monthly payments they could receive ... over the life expectancy of a participant and a spouse by assuming that the participant is married (even if the participant is not actually married) and that the participant's spouse is the same age as the participant (regardless of a spouse's actual age).... This disclosure must be provided even where the plan does not provide any form of payment other than a lump sum.... The effective date of the Interim Rule is 12 months after it is published in the Federal Register." <u>Audit and Tax firm RSM provides more information here.</u>

### Federal Thrift Plan Board Increases Auto-Enrollment Amount for the Federal Employees' Thrift Savings Plan to 5%

"[FRTIB] is amending its regulations to increase the automatic enrollment percentage from 3% to 5% of basic pay for all participants who are automatically enrolled in the Thrift Savings Plan (TSP) on or after October 1, 2020 and for Blended Retirement Service (BRS) participants who are automatically re-enrolled in the TSP on or after January 1, 2021. In addition, the FRTIB is making a non-substantive clarification regarding installment payments calculated based on life expectancy." Read the full release from FRTIB here.

## Plan Fees are a Primary Focus of the Defined Contribution Plan Litigation Environment; Having a Consistent Policy in Place Can Help

The linked piece from the Hyas Group talks about this simple but sometimes overlooked way to help minimize fee issues and demonstrate good stewardship. Read here.

# Required Minimum Distributions Will Have a Sizeable Impact on Retirees' Retirement Income Planning and Income Taxes

Near-retirees are finding that their carefully constructed retirement income plans may be unworkable, as the RMD rules are as significant as they are unavoidable. Hyas Group consultants and analysts have prepared the attached white paper on this topic that may surprise some readers. Read here.

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### **SECURE ACT KEY PROVISIONS**

MANDATORY	457	401(a)	401(k)	IRA	EFFECTIVE DATE*
RMDs age increased from 70½ to 72	~	~	~	~	12/31/2019
	~	~	~	~	
Creation of a "distributable event" for in-plan income/annuity options that are discontinued as plan investment options	~	~	~		12/31/2019
			~		
Prohibition of 401(k) loans made via credit cards or similar arrangements			~		12/31/2019
			~		
Substantial increases in penalties for late filing of Form 5500, Form 8895-SSA and withholding election notices			~		12/31/2019
				~	
OPTIONAL	457	401(a)	401(k)	IRA	EFFECTIVE DATE*
Participants will be able to take in-service distributions from their plans after attaining age $59\frac{1}{2}$ (New provision for 457 plans)	~	~	~	~	12/31/2019
\$5,000 distribution allowed for qualified birth or adoption	~	~	~	~	12/31/2019
Provisions for fiduciary protections (Safe Harbor for ERISA plans) for selecting income/annuity retirement options	~	~	~		Immediate
Allowance for qualified disaster distributions up to \$100,000 per disaster per participant, from all retirement accounts.	~	~	~		Disasters after 2017 and ending 60-days after enactment
Tax credit up to \$5,000 for small businesses that establish a retirement plan			~		12/31/2019
Increased Auto-Enroll cap for QACA Safe Harbor plans from 10% to 15%			~		12/31/2019
Tax credit to small businesses (up to \$500 annually over 3-years) for electing auto-enrollment in newly setup retirement plans			~		12/31/2019
Delayed deadline to elect Safe Harbor status and annual Safe Harbor notice not required. Applies only to the non-elective Safe Harbor election.			~		12/31/2019

<sup>\*</sup> Most plans will have until the 2022 plan year to amend plan documents. Government and Collectively Bargained plans will have until the end of the 2024 plan year.

### HYASGROUP

### **KEY OPTIONAL SECURE ACT PROVISIONS**

OPTIONAL PROVISION	SUMMARY	DETAIL	CONSIDERATIONS
Penalty-free withdrawals for individuals up to \$5,000 in the case	Individuals can take a penalty- free withdrawal of up to \$5,000 from retirement plans in the case of a birth or adoption with	<b>Distribution:</b> QBOADs can be made from eligible retirement plans during the one-year period beginning on the date of the birth or when the legal adoption is finalized. Aggregate amount from all plans not to exceed \$5,000 for <i>each</i> individual (parent) and for <i>each</i> qualified birth or adoption.	Plan sponsor considerations  > Provides access to funds at a time of life when other resources are limited.
of a Qualified Birth or Adoption (QBOAD)	the ability to pay back the distribution, if desired.	<b>Repayment:</b> Repayments in the amount of the distribution can be made back to the plan.	<ul> <li>Limited dollar impact to plan assets.</li> </ul>
<b>Effective date:</b> 12/31/2019		<b>Taxes and withholding:</b> Distributions are penalty-free. Ordinary income taxes apply. Mandatory 10% withholding unless the employee elects otherwise.	May not be required due to the coverage offered by the plan sponsor's health care plan.
		Plan sponsor responsibilities:  > Verifying Eligibility for a QBOAD: A certificate from an eligible birth or adoption is required. An "eligible adoptee" is anyone younger than 18 or physically/mentally incapable to support themselves.	<ul> <li>Could have a considerable negative impact on long-term savings for younger participants.</li> </ul>
		> Employer Tracking: Aggregate distributions from plan(s) must not exceed \$5,000. Employers are not responsible for tracking IRAs or other plans.  Plan types: 457, 401(a), 401(k), 403(b)	Hyas perspective  > In support of allowing QBOADs.
Penalty-free qualified disaster distribution up to \$100,000 from qualified plans  Effective date: Disasters after 2017 and ending February 18, 2020 (60 days after the enactment of the act).	Individuals who have experienced loss from a "qualified disaster" between January 1, 2018 and February 18, 2020 may be eligible for up to \$100,000 in penalty-free distributions across their qualified retirement plans.  Taxes may be spread out pro-rata over a three-year	Distributions: Distributions up to an aggregate \$100,000 may be made from eligible retirement plans until June 17, 2020.  Repayment: Distributions may be repaid at any time during a three-year period, which begins on the day after the distribution was received.  Taxes: Distributions are penalty-free. Ordinary income taxes apply and can be spread out pro-rata over the three-year period.  Eligibility:  > Location: Those whose principal place of abode was in a qualified	Plan sponsor considerations  > Potentially helpful for those participants who were impacted by a disaster.  > Participants affected have only until mid-June 2020 to receive a distribution or loan.  > Potential distribution amount could have material impact on a participant's future
made up to June 17, period. Participants can pay back the distribution during that timeframe, if desired.	disaster area.  > Loss: Those who sustained an economic loss by reason of such qualified disaster.  > Limitations: Not to exceed \$100,000 in aggregate, per disaster, per individual.	retirement income.  Hyas perspective  In support of allowing qualified disaster distributions.	
		> Qualified Disasters: Any area where a major disaster was declared by the President between January 1, 2018 and February 18, 2020.	

OPTIONAL PROVISION	SUMMARY	DETAIL	CONSIDERATIONS
(continued)		<b>Loan option:</b> Includes a loan option as part of the provision. Loan amounts are \$100,000 or 100% of a vested account balance, whichever is less. <b>Plan types:</b> 457, 401(a), 401(k), 403(b)	
Option to reduce inservice distribution age to a minimum of 59 ½ years (formerly 70 ½)  Effective date: 12/31/2019	Plan sponsors of government 457 plans now have the option to reduce the age of in-service distributions to a minimum of 59½, bringing government 457 plans more in-line with 401(k) and 403(b) plans.	The internal revenue code is modified to allow plan sponsors of 457(b) governmental plans and 401(a) pension plans to establish a minimum age for distributions at 59 ½ years or older. Adjustments to the minimum age are plan amendments and may be 59 ½ or higher. Participants that meet the minimum distribution age, and remain employed, will be able to either take a distribution from the plan or roll their assets to another plan, such as an IRA. Ordinary incometax rates apply to any distributions from the plan.  Plan types: 457, Defined Benefit pension	Plan sponsor considerations  > Flexibility in accessing funds may encourage participation  > Provides relief to those participants who require access to funds  > Potentially results in plan leakage  Hyas perspective  > In support of reducing minimum age.
Portability of lifetime income options  Effective date: 12/31/2019	This provision protects a participant's accumulated benefit by creating a "distributable event" when in-plan income/annuity options are discontinued as plan investment options. This applies when a plan sponsor determines to either terminate an income annuity option or change plan recordkeepers, thereby losing the accumulated benefits of the income annuity option.  This provision permits both in-service trustee-to-trustee transfers of lifetime income product interests to other eligible plans, including IRAs, and the purchase of annuities for purposes of preserving a participant's accumulated benefit.	<ul> <li>Transfer details: In the event an investment option with lifetime income features is terminated as an option from the plan, the plan may allow:         <ul> <li>A direct trustee-to-trustee transfer to an "eligible retirement plan," or individual retirement account.</li> <li>An annuity contract purchased for a participant and distributed to the participant by a plan or contract.</li> </ul> </li> <li>Transfers must be made within a 90-day period after the investment is terminated.</li> <li>Definitions:         <ul> <li>Lifetime Income Investment: A plan investment option providing participants with election rights which relate to a lifetime income feature available under the plan, and which are not uniformly available with respect to other investment options in the plan.</li> </ul> </li> <li>Lifetime Income Feature:         <ul> <li>Guarantees a minimum level of income annually or more frequently for at least the remainder of the life of the participant or the joint lives of the participant and his/her designated beneficiary.</li> <li>Is an annuity payable on behalf of the employee under which payments are made in substantially equal periodic payments over the life of the participant or the joint lives of the participant and his/her designated beneficiary.</li> </ul> </li> </ul>	Plan sponsor considerations  This provision offers a path to eliminate guaranteed income products from a plan while protecting the participant's accumulated benefits.  Whether a plan sponsor chooses to utilize this provision will largely depend on the capabilities of the plan record keeper and the type of investment offerings in the plan.  Hyas perspective  This provision provides welcome flexibility to the plan sponsor whether updating an investment line-up or changing recordkeepers.

OPTIONAL PROVISION	SUMMARY	DETAIL	CONSIDERATIONS
(continued)		<b>Plan types:</b> 457, 401(a), 401(k), 403(b)	
Fiduciary safe harbor (ERISA) for selection of lifetime income provider  Effective date: Immediate	This provision amends ERISA by adding a safe harbor for selecting an insurer to provide a guaranteed retirement income contract as a plan investment offering or as an individual contract.  Key components to this provision include:  A fiduciary satisfies their responsibility upon completing the required due-diligence and is not responsible on an ongoing basis. If the guaranteed income option remains in the plan, the fiduciary must receive representation annually to satisfy ongoing fiduciary responsibilities.  Fiduciaries are not required to select the lowest-cost contract and may consider the value (additional features and benefits) of the contract in conjunction with cost.  Where fiduciaries satisfy all conditions, they are relieved from all liability for any loss that may result due to an insurer's inability to satisfy their obligations under the contract.	Requirements for satisfying safe harbor obligations:  Selecting an insurer:  > Engage in an objective, thorough, and analytical search for identifying insurers of the contract  > Consider the financial capability of the insurer and the cost and benefits of the contract  > Conclude that the insurer is financially capable to satisfy their obligation and the cost of the contract is reasonable  Determining the financial capability of the insurer:  The fiduciary must obtain written representation from the insurer that:  > The insurer is licensed to offer guaranteed retirement income contracts.  > The insurer, at the time of selection and for each of the immediately preceding seven plan years:  > Operates under a certificate of authority from the insurance commissioner of its domiciliary state that has not been revoked or suspended  > Has filed audited financial statements in accordance with the laws of its domiciliary state  > Maintains and has maintained reserves which satisfy all the statutory requirements of all states in which the insurer does business  > Is not operating under an order of suspension, rehabilitation, or liquidation  > The insurer undergoes, at least every five years, a financial examination by the insurance commissioner of its domiciliary state.  > The insurer will notify the fiduciary of any change in circumstances after providing the above representations which would preclude the insurer from making such representations at the time of issuance of the contract.  Definitions:  > Insurer: "an insurance company, insurance service, or insurance organization, including affiliates of such companies."  > Guaranteed Retirement Income Contract: "an annuity contract for a fixed term or a contract (or provision or feature thereof) which provides guaranteed benefits annually (or more frequently) for at least the remainder of the life of the participant or the joint lives of the participant and the participant's designated beneficiary as part of an individual account plan."	Plan sponsor considerations  If a plan sponsor already has a guaranteed income option in their plan or wishes to include one, this provision provides steps to protect the fiduciaries of the plan.  Although the safe harbor applies to ERISA plans, adhering to this provision can provide safe harbor protections for non-ERISA plans.  Hyas perspective  In support of following the safe harbor guidelines, in the case where guaranteed retirement income options are considered or used in a plan.



### Nevada Public Employees' Deferred Compensation Program

**Statement of Investment Policy Comparison and Comments** 

The Hyas Group has reviewed the current Statement of Investment Policy (Policy) for the Nevada Public Employees' Deferred Compensation Program (Program). This document contains two sections: 1) a comparison between the Program's Policy and one utilized by the Hyas Group, and 2) other comments and suggestions pertaining to the current Policy.

TOPIC	OLD IPS	NEW IPS
Introduction and Objectives of the Program	Paragraph four of page three contains a description of how funds for Program expenses are generated and how revenue sharing is treated.	The Hyas Group's practice is to generally treat these policies as "Fee Policies" to be commemorated in a separate "Fee Policy Statement." This is based on the view that these policies and their pertaining objectives are generally ancillary to investment performance and oversight.
	The first three sentences of paragraph four of page four state the Program's intention of following the Employee Retirement Income Security Act (ERISA) as a best, albeit not mandated, practice. This statement is broken out in a stand-alone section.	The Hyas Group's Policy typically labelled as "General Compliance" which also gives reference to Section 404(c) of ERISA.
	From the subsequent sentence up to the following section "Purpose of the Statement of Investment Policy"	Similar to a stand-alone section of the Hyas Group's Policy typically labelled as "General Investment Policy, Objectives, and Standards" which also lists the types of acceptable investment vehicles, demographic features to be considered, and a slightly longer discussion on risk and return.
Purpose of the Statement of Investment Policy and Decision-Making Process	Much of the information in these sections, wh respect to investment selection and monitorin investment decisions, is also contained in the Objectives, and Standards" of the Hyas Grou	ng, and responsibility for participants' section "General Investment Policy,
Selection of Investment Options	Both the Program's and the Hyas Group's Policy list investable asset classes in this section (the Hyas Group's comparable section is named "Investment Options").	The Hyas Group's Policy, however, lists a broader range of asset classes, which in practice matches what is offered within a plan (Global Equity, for example, is listed in the Program's Policy but is not offered).  Self-directed brokerage is also typically listed as an option in this section of the Hyas Group's Policy.

TOPIC	OLD IPS	NEW IPS	
Investment Fund Selection	The "Investment Option Selection Guidelines" section of the Hyas Group's Policy is similarly structured.		
	Bullet point three of this section states that it will evaluate a manager's ability to "Provide returns comparable to returns for similar investment options."	The Hyas Group's comparable criteria are for a manager to meet or exceed the performance of its peer group median or policy benchmark. This approach may help ensure that a manager's performance exceeds, rather than is comparable to (and could plausibly lag), alternative options.	
		Stemming from Department of Labor guidance, the Hyas Group's Policy also states that a target date suite's prospective risk and return profile relative to peers will be considered.	
Investment Structure	This section lists Tiers of investment options and is comparable as such to the "Investment Options" section of the Hyas Group's Policy. The Program's Policy, however, describes each of the Tiers and is delineated in part along the lines of active and passive management.	The Hyas Group's Tiers are delineated in terms of particular asset classes (e.g. U.S. Large Cap, U.S. Mid Cap, etc.).	
Objectives & Performance Standards	This section generally provides the objectives, composition, and performance standards for each of the Tiers.	The "Investment Options" section of the Hyas Group's Policy contains this information. The main difference is that the Hyas Group's Policy states the specific peer group and performance benchmark on an asset class level (rather than on a Tier level) for each Plan investment.	
	"Performance Standards" for the Fixed Income, U.S. Equity, and International Equity asset classes are to outperform a performance benchmark and peer group median for the trailing five-year period.	The Hyas Group's performance standard is for a fund to outperform either the performance benchmark or peer group median for the trailing five-year period. This is to avoid being forced to adopt under-diversified funds, which can occur in periods when a benchmark index has outperformed the market due to the performance of a few large holdings.	
	The last bullet point on page fourteen states the performance and tracking error criteria for International Equity index funds.	Hyas Group's Policy states that tracking error attributable to "Fair Value Pricing" (SEC-mandated approach designed to prevent market timing of mutual funds) does not count towards this total.	
	The "Qualified Default Investment Alternative" (QDIA) paragraph on page	Typically, this is a plan document provision among Hyas Group's clients.	

TOPIC	OLD IPS	NEW IPS
Objectives & Performance Standards, cont.	fifteen, states that defaults assume a retirement age of 65	
Reporting and Monitoring Procedures	The general information in this section is cont Guidelines and Monitoring" section of the Hyd	
Investment Option Evaluation	The second sentence in this section mentions the potential to "freeze" a fund to new contributions.	The Hyas Group's general approach is to avoid such treatment (the alternatives being to either replace or retain a fund) as it may lead to the potential retention of a lower-conviction fund.
	The second sentence also uses the term "formal review" as a potential Committee proceeding.	Though the Hyas Group's Policy does not contain a comparable proceeding, we do not object to it. However, additional definition of the "formal review" procedure may be useful as it currently does not appear defined.
	The second sentence also refers to "Watch List" status, which is addressed in the "Investment Option Termination and Watch Guidelines" section of the Hyas Group's Policy.	The Hyas Group's Policy provides general criteria for removal from the "Watch List" (two consecutive quarters of Policy compliance).
		Under the Hyas Group's Policy, target date funds are evaluated as a suite since they represent a unified (rather than a fund-byfund) investment strategy. As such, a target date suite will be placed on watch when at least one-half of its funds in a plan lag investment policy criteria.
Termination of Fund and Fund Mapping	The "Investment Option Termination and Watch Guidelines" section of the Hyas Group's Policy addresses these areas.	
Administrative Policies, Program Design and Administration, Review of the Record keeper, and Communication to Participants	The "Summary of Responsibilities" section of the Hyas Group's Policy addresses these areas. One more notable difference between Policies is that the Program's calls for an annual review of the record keeper, while the Hyas Group's does not specify a monitoring interval.	
Parties Responsible for Management and Administration of the Program's Investments:	The "Summary of Responsibilities" section of the Hyas Group's Policy contains similar provisions as this section. One moderate difference is the Hyas Group's Policy defines the role and responsibility of an "Investment Provider" (e.g. a mutual fund company) and an "Investment Manager" (the Investment Provider's applicable manager).	
Self-Directed Brokerage Services		The contents of this section are usually contained at the end of the "Investment Options" section of the Hyas Group's Policy,

Self-Directed Brokerage Services, cont.	where self-directed brokerage is described as an option.
	The Hyas Group's Policy will state any investments (such as un-covered call options) that are prohibited.
	The Hyas Group's Policy omits the limitations on transfer and balance limitations between self-directed brokerage and the core investment menu, on the view that this is generally a provider limitation.
Participant Advisory Services	The Hyas Group's Policy does not contain a section equivalent to this on the view that this provision is more applicable to recordkeepers.
Excessive Trading Policy	The Hyas Group's Policy does not contain a section equivalent to this on the view that this provision is more applicable to recordkeepers.

#### Other Comments

- 1. Paragraph three of page three describes the Program as a "voluntary, participant-directed plan." The Committee may wish to confirm that there are no employer-contributions (typically infrequent in deferred compensation plans) to the Program and revise this language if necessary.
- 2. The last bullet point of page four states that participants will have access to options which "when combined with other alternatives, tends to minimize, through diversification, the overall risk of the portfolio." Given that the Program has only two fixed income funds (the rest are equity or asset allocation options), it is likely that the addition of any option to a fixed income portfolio would increase its overall risk. We would consider exempting the Capital Preservation option from this statement.
- 3. The first bullet point under Performance Standards on page ten states that index funds should track within 0.40% of their applicable index in the case of Asset Allocation Portfolios. The second bullet point under "Performance Standards For Fixed Income" (page thirteen), U.S. Equity, and International Equity (both page fourteen) state a 0.20% tolerance range. We would consider having a uniform treatment of tracking error across index products (the Hyas Group's uses 0.15% for the trailing five-year period), both with respect to tolerance range and measurement period.
- 4. We would seek to inquire as to why there is a "Stability of Principle/Guaranteed Option" section on pages eleven through twelve and a "General Account Characteristics" section on pages twelve through thirteen. We note that the performance standards for the first section refer to the Hueler Stable Value Index and refer to money market funds in the second. We would consider consolidating these sections into a single section representing the Program's capital preservation product.
  - a. The "Performance Standards" section of the "Stability of Principle/Guaranteed Option" section also lists a "declared annualized rate of interest" and review of the book to market ratio as standards as bullet points two and three. We would consider removing these bullet points as they do not necessarily measure how competitively the investment has performed.

- 5. The second bullet point under "Termination of Fund" on page seventeen states that "the Committee shall notify fund Participants within a reasonable time (90 days) of action taken." While the Hyas Group does not take issue with this policy, or offer alternative language in our own Policy, we wish to point out that ERISA's rules are for participants to receive notice thirty to sixty days prior to the scheduled change.
- 6. There appear to be some differences between Exhibit A on page twenty-three and the Program's current investment options. For example, the Program does not offer a Small Cap Equity index fund or a Core Plus Fixed Income fund. There also appear to be a few minor formatting issues (blank boxes, word alignment, etc.).
- 7. The Program's Policy does not contain procedures for voting proxies. The Hyas Group's standard Policy is to state that the applicable Committee will vote proxies in the plan's general interest.
- 8. There are some instances of wording and capitalization inconsistency in the Policy, which may warrant grammatical review.

# Nevada Public Employees Deferred Compensation Program

### INVESTMENT POLICY STATEMENT

December 2020

#### INTRODUCTION AND PURPOSE

This statement is set forth to provide a clear understanding of the investment policies, guidelines and objectives related to the administration of the Nevada Public Employees Deferred Compensation Program (hereinafter "Program"). The Program is a salary deferral retirement savings vehicle available to eligible employees who are interested in saving for retirement on a tax-favored basis. The Program's purpose is to provide a vehicle for and to encourage additional savings to supplement the retirement benefits provided to employees.

This Investment Policy Statement is further intended to assist the fiduciaries of the Program in making investment-related decisions in a prudent manner. It outlines the underlying philosophies and processes for the selection, monitoring, and evaluation of the investment options and investment providers utilized by the Program. This Investment Policy Statement will be reviewed at least annually and it can be revised at any time to reflect changes in the capital markets, participant objectives, or other factors relevant to the Program.

#### SUMMARY OF RESPONSIBILITIES

<u>Program Sponsor</u> – The State of Nevada is the Program Sponsor. The Program Sponsor's responsibilities include but are not limited to:

- Adopting and amending the Program Documents;
- Approving Program services contracts;
- Appointing the Committee members; and
- Designating other fiduciaries of the Program.

<u>Committee</u> – The Nevada Public Employees Deferred Compensation Committee (hereinafter "Committee") serve as Administrator and has responsibility for the operation and administration of the Program in accordance with the terms of the Program Documents.

It is the intent of the Committee to fulfill its fiduciary responsibilities with respect to the Program solely in the interest of the participants and beneficiaries. The Committee members, as fiduciaries, are to perform their duties with the care, skill, prudence, and diligence under the circumstances then prevailing that a prudent person acting in like capacity and familiar with such matters would use in the conduct of an enterprise of a like character and with like aims.

The Committee's responsibilities also include but are not limited to the following:

- Selecting the investment design features of the Program, including establishing the investment policy and objectives and the number and types of investment alternatives available to Program participants;
- Appointing, monitoring and evaluating all investment providers and managers in accordance with guidelines and benchmarks established within this document and consistent with applicable laws;
- Selecting and monitoring other Program service providers, including, but not limited to, the Program's record-keepers, trustees, investment consultants, accountants, and/or any other providers;
   and
- Monitoring Program costs which are charged to Program assets and/or paid by participants, including but not limited to investment management fees, custodial fees and fees paid to other service providers from Program and/or participant assets.

Investment Consultant - The Committee may engage an independent investment consultant (hereinafter "Consultant") to assist in carrying out the duties and responsibilities of this Investment Policy Statement. Such Consultant must be registered with either State or Federal securities regulators pursuant to the Investment Advisors Act of 1940. The Consultant's role is to provide information and advice to the Committee on various investment related issues. The Consultant has no discretionary control or authority over the Program and its assets. In its role as an advisor to the Committee the Consultant acknowledges a fiduciary role with respect to the investment advice provided to the Committee. The services of the Consultant will be set forth in a separate agreement.

<u>Investment Provider</u> – An entity that offers investment option products and manages assets for the Program. Examples of investment option products offered by an investment provider may include mutual funds, commingled trust funds, separate accounts and/or variable annuity contracts.

<u>Investment Manager</u> – The person(s) at the Investment Provider responsible for implementing an investment option's investing strategy and managing its portfolio trading activities.

<u>Services Providers</u> – Entities engaged to assist the Program Sponsor and the Committee in regard to the administration of the Program. This assistance includes Program enrollment, communication, education, including providing general investment information to participants regarding the procedures for making investment choices under the Program and general investment information regarding each of the investment options offered under the Program, distribution processing, record keeping and other administrative functions as prescribed in an agreement entered into between the Program Sponsor and the Services Providers. The Program may engage multiple Service Providers to complete administrative functions as necessary.

#### **GENERAL COMPLIANCE**

The Program's investment policies and guidelines shall be reviewed on an annual basis for modifications, as needed, but may be modified at any time as deemed necessary by the Committee.

At minimum, it is intended that participants shall be provided with the following opportunities:

- A. Choose from a minimum of three diverse investment categories, each with materially different risk and return characteristics. At least one of the categories will provide for a high degree of safety and capital preservation.
- B. Make and/or modify investment decisions at least quarterly.
- C. Receive or have access to the following information, as updated:
  - A description of the investment alternatives available under the Program including a general
    description of the investment objectives, risk and return characteristics, and type and
    diversification of assets comprising each alternative;
  - Identification of the designated Investment Providers, Managers and investment products;
  - A description of any transaction fees or expenses charged to the Program's participant's account, and information on costs and fees for an investment product that reduces the rate of return to Program participants (expense ratios); and
  - Prospectuses, annual reports, and semi-annual reports on investment products, if available.

#### GENERAL INVESTMENT POLICY, OBJECTIVES AND STANDARDS

It is the policy of the Program to foster an investment environment that encourages and facilitates participant efforts to supplement other sources of retirement income. The Program will be structured in an attempt to provide Program participants with an array of investment options that offer competitive rates of return and reasonable overall cost. Participants in the Program are solely responsible for their own investment decisions

and bear the risks and assume responsibility for the results of the investment options that they select. The Program Sponsor and Committee make no representations, promises, or warranties regarding the suitability of Program participation for any participant's individual investment or retirement needs. Additionally, the Program Sponsor and Committee(s) make no representations, promises or warranties about the performance of the Program or the Program's investments.

The Program exists in a very dynamic marketplace in which new investment alternatives may become available over time. At present, the market offers a broad array of investment products. These products may include:

- Fixed annuity options
- Variable annuity options
- Co-mingled trust funds
- Mutual funds
- Shares of any company, association or corporation

The primary investment objective of the Program is to present participants with a range of investment options, which give participants an opportunity to increase the value of their investment assets in a manner consistent with varying levels of participant risk/reward tolerances and investment decision making skills. While the Program cannot meet all participant investment preferences and attitudes, the Program attempt to provide investment vehicles for participants at various levels of investment sophistication and with varying requirements for risk and return.

Information that may be used to select which investment products to offer includes, but is not limited to, the following:

- Age, income and other demographic data on the Program's participants
- Liquidity and administrative constraints imposed on the Program's by service providers
- Development of new investment products in the marketplace
- Level of participant usage of investment products

To enable participants to establish different investment strategies, the Program will offer investment categories that have varying return and volatility characteristics. It is the responsibility of each participant to evaluate the investment options and to select an appropriate mix.

A risk/reward structure is basic to investments. Generally, those vehicles offering the greatest return over time also carry the highest risk or volatility of return. The inherent conflict between volatility and long-range asset accumulation can be lessened through diversification among asset classes. To provide participants the opportunity to select risk/reward strategies and to diversify the Program's assets, the Program will offer a number of investment alternatives.

In addition to providing a range of investment options, the Program seeks to provide investment options that are competitive in terms of performance relative to appropriate investment performance and risk benchmarks. The performance and risk relationships of the Program's investment options will be reviewed periodically. Investment options should generally be given a full market cycle to achieve stated objectives (market cycles normally occur over 3-5 year time periods). Investment options are expected to meet or exceed their pre-determined benchmark index(es) net of fees. Where peer groups are definable, investment options are also expected to perform within the upper half of a sample of same style peers net of fees. In addition to net investment performance, the options' risk characteristics will also be reviewed. The risk associated with an investment option generally should be similar to that of the same-style peer group.

#### INVESTMENT OPTIONS

Investment options offered by the Program will be categorized or grouped by similarities in investment objectives, style and risk. The Program's Service Provider and/or Consultant may be asked to assist in determining the categories of investment options. The Program will be structured to assist participants in meeting their long-term investment objectives by providing investment options within the following permitted investment categories (these categories are further explained in the following pages of this document):

#### A. Tier 1: Target Retirement Date Pre-Mixed Portfolios

#### B. Tier 2: Asset Class Investment Options

Fixed/Stable Value

- Total Return Bond
- U.S. Large-Size Company Equity
- U.S. Mid-Size Company Equity
- International Equity

#### C. Tier 3: Self-Directed Brokerage

Investment options and categories may be added or deleted as deemed necessary. At least one investment option shall be available within each investment category.

The following table outlines the objectives and performance benchmarks for each of the Program's investment options. The risk associated with an investment option will be compared to appropriate risk benchmarks or measures for a same-style group of peer investment options, where definable.

#### TIER 1: TARGET RETIREMENT DATE PRE-MIXED PORTFOLIOS

#### Lifecycle Premixed Portfolio - Retirement Income

Provide different levels of income and capital growth dependent upon an individual participant's specific target retirement or withdrawal date. Portfolios provide different allocations to stocks and bonds dependent upon the target retirement or withdrawal date that is selected. The portfolio will be well diversified including U.S. and international fixed income securities and U.S. and international equities. Stocks generally will comprise less than 30% of the total portfolio. The percentage of international equities generally will not exceed 50% of the equity portion of the portfolio.

Benchmark Index:	Custom Blended Index
Peer Groups:	US Target Date Retirement Income

#### Lifecycle Premixed Portfolio - 2015, 2020, 2025

Provide different levels of income and capital growth dependent upon an individual participant's specific target retirement or withdrawal date. Portfolios provide different allocations to stocks and bonds dependent upon the target retirement or withdrawal date that is selected. The portfolio will be well diversified including U.S. and international fixed income securities and U.S. and international equities. Stocks generally will comprise up to 55% of the total portfolio. The percentage of international equities generally will not exceed 50% of the equity portion of the portfolio.

	*
Benchmark Index:	Custom Blended Index
Peer Groups:	US Target Date 2015, US Target Date 2020, US Target Date 2025

#### Lifecycle Premixed Portfolio - 2030, 2035, 2040, 2045

Provide different levels of income and capital growth dependent upon an individual participant's specific target retirement or withdrawal date. Portfolios provide different allocations to stocks and bonds dependent upon the target retirement or withdrawal date that is selected. The portfolio will be well diversified including U.S. and international fixed income securities, and U.S. and international equities. Stocks generally will comprise 55%-85% of the total portfolio. The percentage of international equities generally will not exceed 50% of the equity portion of the portfolio.

Benchmark Index:	Custom Blended Index
Peer Groups:	US Target Date 2030, US Target Date 2035, US Target Date 2040, US Target Date 2045

#### Lifecycle Premixed Portfolio - 2050, 2055, 2060, 2065

Provide different levels of income and capital growth dependent upon an individual participant's specific target retirement or withdrawal date. Portfolios provide different allocations to stocks and bonds dependent upon the target retirement or withdrawal date that is selected. The portfolio will be well diversified including U.S. and international fixed income securities, and U.S. and international equities. Stocks generally will comprise 85%-90% of the total portfolio. The percentage of international equities generally will not exceed 50% of the equity portion of the portfolio.

Benchmark Index:	Custom Blended Index
Peer Groups:	US Target Date 2050, US Target Date 2055, US Target Date 2060+

#### TIER 2: ASSET CLASS INVESTMENT OPTIONS

#### Fixed / Stable Value

Provide high current income relative to cash investments and a high degree of investment safety without fluctuation of principal. Investment returns are derived primarily from interest income. A Fixed or General Account option, which is a fixed rate contract that is backed by an insurance company's balance sheet, is to be of mid-investment-grade rating or higher, and backed by a diversified pool of underlying investments. A stable value option will be invested in guaranteed investment contracts (GICs), "synthetic" portfolios, money market instruments, and others, each mainly comprised of investments of short- to intermediate maturity, and which provide for an adequate degree of liquidity. The weighted-average maturity is expected to remain between two and five years at most times. The overall weighted credit-quality rating of the option shall be the equivalent of mid-investment-grade rating or higher. The rating must be obtained from at least one credit rating agency such as Moody, S&P or Duff & Phelps. If the option's weighted rating declines below this level, the option will be evaluated for corrective action.

Benchmark Index:	1. 5 Year CMT Index 2. 90-Day Treasury Bills Index
Peer Group:	

#### **Total Return Bond**

Provide capital appreciation and income through a diversified, actively managed fixed income portfolio. The portfolio's duration is expected to be comparable to that of its Benchmark Index, with some bandwidth allowed for the manager to exercise strategic deviation from the Benchmark. Average credit quality is expected to be investment grade. The fixed income portfolio will normally be primarily comprised of investments including money market instruments, U.S. Government and Agency bonds, mortgage-backed securities, corporate bonds, and others. The manager will be given discretion to hold securities that are not contained within the Benchmark Index, which may include Foreign Bonds, High Yield Bonds, Convertibles, Treasury Inflation Protected Securities, derivatives, and others. The portfolio's aggregated composition and risk and return characteristics however are expected to be reflective of its asset class.

Benchmark Index:	Barclays Capital US Aggregate Bond Index	
Peer Group:	US Intermediate-Term Core Bond	

#### U.S. Large Company Equity

Provide long-term capital appreciation through a diversified common stock portfolio with an average market capitalization greater than \$10 billion. Stocks of foreign companies that are traded in the U.S. may also be included in the portfolio, but generally should not exceed more than 20% of the total portfolio.

	Blend: S&P 500 Index
Benchmark Indexes:	<b>Growth:</b> Russell 1000 Growth Index
	Value: Russell 1000 Value Index
	Blend: US Large Cap Blend
Peer Groups:	Growth: US Large Cap Growth
	Value: US Large Cap Value

#### TIER 2: ASSET CLASS INVESTMENT OPTIONS

#### U.S. Mid-Size Company Equity

Provide long-term capital appreciation through a diversified common stock portfolio with an average market capitalization between \$2 billion and \$10 billion. Stocks of foreign companies that are traded in the U.S. may also be included in the portfolio, but generally should not exceed more than 20% of the total portfolio.

	Blend: Russell US Mid-Cap Index, Blended Extended Market Index
Benchmark Indexes:	Growth: Blended Mid-Cap Growth Index
	Value: Blended Mid-Cap Value Index
	Blend: US Mid-Cap Blend
Peer Groups:	Growth: US Mid-Cap Growth
_	Value: US Mid-Cap Value

#### **International Equity**

Provide long-term capital appreciation through a diversified, actively managed portfolio of international equities. Unless the strategy is dedicated to emerging markets, stocks of emerging countries may be used at the discretion of the manager, but generally should not exceed more than 30% of the total portfolio.

the discretion of the manager, but generally should not eneced more than 50,70 of the total portions.				
Donalos all Indesses	Blend: Custom International Index (net)			
Benchmark Indexes:	Growth: MSCI All Country World Index ex-U.S. Growth (net)			
Door Crosses	Blend: US Foreign Large Blend			
Peer Groups:	Growth: US Foreign Large Growth			

#### TIER 3: SELF-DIRECTED BROKERAGE

#### Self-Directed Brokerage (SDB)

For participants who consider themselves to be knowledgeable about investment principles, the Program may offer a brokerage account option. Such option may be provided through one or more broker-dealers, as defined and regulated by the National Association of Securities Dealers, Securities Exchange Committee or State Securities Departments. Assets held in an SDB will be maintained in the name of the Program Trustee or custodian for the benefit of the participant who established the account. Permissible investments for an SDB may include registered mutual funds and other securities permitted under State law. Futures and options are not permitted. It is the SDB account holder's responsibility to adhere to these and any other restrictions placed on him or her by the Committee, broker-dealer or regulatory body. It is also the account holder's responsibility not to engage in transactions prohibited by statute or any regulatory entity. Investment options available through the SDB may contain additional risks and are not monitored by the Committee. The Committee may further restrict permissible investments available in the SDB. Each SDB account holder will be responsible for his or her own commissions, fees or loads applicable to individual securities or mutual fund transactions for the account.

Benchmark Index:	Not Applicable
Peer Group:	Not Applicable

#### INVESTMENT OPTION SELECTION GUIDELINES

Investment options offered to participants will be provided through investment provider(s) accessible on the Services Provider's platform. Before introducing a new investment option, the Committee, in consultation with the Consultant and Services Provider will define the niche to be filled and assess any prospective investment option's performance, quality, and risk characteristics. At a minimum, investment options under consideration should satisfy performance and risk considerations under actual, not modeled, conditions and over an appropriate time period. Investment option selection considerations may include, but are not limited

to the following:

- The investment option should generally, but not necessarily, have a history that spans a full market cycle, normally three to five (3-5) years.
- The investment option should generally meet or exceed its predetermined benchmark index, net of fees.
- The investment option should generally perform at median or within the upper half of a recognized and defined sample of same-style peer options.
- The investment option should be able to demonstrate a consistent performance track record attributable to a specific investment manager or team of managers.
- In selecting Target Retirement Date funds, the Committee shall consider the current and prospective composition of the Target Date funds (based on their glide path), and the corresponding risk and return implications relative to the benchmark and peer group constituents.

#### INVESTMENT OPTION REVIEW GUIDELINES AND MONITORING

Investment providers and investment managers are required to comply with all applicable laws, rules, and regulations. However, the Committee takes no responsibility for the failure of such option and/or investment manager to comply with any and all applicable laws, rules or regulations.

It is recognized that certain stable value and Fixed options often have liquidity restrictions. Investment options with sales loads, redemption fees, or other non-investment management related expenses will be avoided to the extent possible.

Investment option performance, risk and style consistency is intended to be evaluated on a quarterly basis. Performance and risk results will be evaluated using comparisons with this policy, pertinent market indices and against other same-style peers, where definable. When necessary, investment option performance and risk may be reviewed more frequently.

The Committee will periodically review the investment options' progress in meeting the Program's investment objectives. Investment options will be expected to comply with all stated investment objectives, guidelines and applicable rules contained in the prospectus or fund fact sheet. The Committee will review the performance of investment options quarterly to determine if they are achieving the established objectives. Investment performance reviews may include, but are not limited to, a review of:

- Investment portfolios;
- Fees and expenses;
- Investment style, process and philosophy;
- Investment management personnel; and
- Index tracking error.

The performance review will also include measuring the options' investment performance relative to stated benchmarks or respective indexes and peer groups; as well as the monitoring risk measures. The following will be evaluated:

#### **Quantitative Measures**

**Active Investment Strategies**. Options employing active management are expected to outperform their stated asset class or style benchmark net of all management fees over a trailing five year time period; and to rank above the 50<sup>th</sup> percentile of the appropriate peer group for the same trailing five year time period. It is also expected that the risk of each option, as defined by standard deviation of returns, be commensurate with the prescribed strategy relative to the appropriate market index and/or peer group.

**Passive Investment Strategies.** Passive Options are expected to track the performance of the index strategy that the option is designed to replicate, less management fees, with marginal tracking error. It is also expected that the risk of each passive option, as defined by standard deviation of returns, be commensurate with the appropriate market index.

#### **Qualitative Measures**

The options will also be monitored on an ongoing basis for other material changes which the Committee may determine are of importance to the decision of whether or not to retain an investment option, such as personnel departures; organizational changes; or alterations in investment style, philosophy, or strategy; and adherence to stated guidelines.

Time Periods. The Committee acknowledges that fluctuating rates of return characterize the securities markets, particularly during short-term time-periods. Recognizing that short-term fluctuations may cause variations in an option's performance, the Committee intends to employ investment options with long-term investment strategies and will evaluate option performance from a long-term perspective. Performance over market cycles of three to five years will be weighted more heavily than performance over shorter time periods, such as one year or less.

In addition to the qualitative and quantitative measures referenced above, the Committee will also review the investment options' risk characteristics in relation to that performance. Risk will be measured in various ways including, but not limited to:

- Standard deviation
- Downside risk or semi-variance
- Risk/return ratios such as Sharp or Treynor Ratios
- Other statistical measures such as Beta, Alpha and Variance

#### INVESTMENT OPTION TERMINATION AND WATCH GUIDELINES

Generally, all investment options are expected to remain true to their stated investment objectives and to perform as well as or better than their prescribed performance benchmarks, net of fees. The Committee recognizes the long-term nature of retirement plan investing and the variability of market returns. Periodic underperformance in any of the criteria outlined in this Investment Policy will not necessitate the termination of an option; however, any underperformance will result in consideration by the Committee of the factors causing underperformance and possible courses of action that the Committee may take.

The Committee may, at any time, place any investment option that it views as having a pattern of underperformance on a watch-status. Reasons the Committee might place an option on a watch status, include but are not limited to, the following:

#### **Quantitative Measures**

#### Actively Managed Options

- Performance below the prescribed benchmark index over a trailing five year period, combined with
- Performance below the median of its peer group over a trailing five year period

#### Passively Managed Options

• Net of fee performance tracking error relative to the respective index that is greater than 15 basis points over a trailing five-year period

Target Date funds will be evaluated based on the performance of the entire suite as held within the Program.

A Target Date suite will normally be viewed as being in violation of investment policy performance criteria if over one-half of the funds in a Target Date suite held within the Program lag this Investment Policy Statement's prescribed performance measures. The Committee may elect to deviate from this approach if it appears reasonable to do so.

Certain passive investment options operate in a marketplace that includes foreign markets whose exchanges close prior to that of the United States. In these instances, some fund managers may engage in a method of "Fair Value Pricing," whereby the managers adjust the pricing of securities in the Fund to reflect any information that has become available after the close of the applicable foreign market. Discrepancies in performance between the applicable investment option and its performance benchmark that are due to "Fair Value Pricing" will be taken into consideration in evaluating performance of the affected investment options.

#### **Qualitative Measures**

- Management team or other significant personnel turnover;
- Changes in the product's investment philosophy, process, style or risk profile;
- Excessive or rapid asset growth or decline;
- Pending regulatory investigations or material legal proceedings;
- Changes to firm ownership;
- Significant increase in management fees or expense ratio.
- In the case of monitoring Target Retirement Date funds, the Committee shall consider the current and prospective composition of the Target Date funds (based on their glide path) and the corresponding risk and return implications relative to the benchmark and peer group constituents.

An investment option may remain on watch status until the Committee decides to take further action. Committee actions include, but are not limited to, the following:

- Removing the investment option from watch status; and
- Terminating the investment option and reallocating the assets to an alternate or replacement investment option by Committee direction.

To be removed from quantitative, performance related watch status, generally, performance for the preceding five year trailing periods should be above the benchmark index or median for at least two consecutive quarters. However, barring any breakdown in process, the Committee may decide to leave an option on watch for as long as they believe it is prudent to do so.

The Committee reserves the right to terminate investment option relationships at any time, for any reason when it determines such termination is in the best interests of the Program and its participants and beneficiaries. Upon termination, further contributions or transfers to an investment option may be frozen, or the option may be replaced with or without transferring existing assets from the replaced option. Once the decision to terminate an option and remove it from the Program is made, asset transfer and liquidation should be handled to the best advantage of the Program, with due consideration given to the anticipated effect on affected participants and beneficiaries.

#### INVESTMENT OVERSIGHT RESPONSIBILITY AND PROXY VOTING

The Committee shall have overall responsibility for the selection, monitoring and termination of all investment managers. Additionally, the Committee shall be responsible for reviewing and maintaining these investment policies and guidelines. Proxy votes required by investment managers shall be cast by those parties designated by the Committee. Voting rights shall be exercised in the best interest of the participants and beneficiaries of the Program. The Committee may insist that they exercise their voting rights themselves by communicating their intention to do so in a timely manner.

#### **GLOSSARY**

#### **Annualized Return**

Rate of return of the account smoothed as though the return occurred equally over twelve-month periods. When the specified time frame is for less than a year, the rate of return in projected as though the same performance continues to occur for a twelve-month period.

#### **Benchmarks**

A standard against which the performance of the portfolio can be measured, typically against a standard index, although a client manager may also set the benchmark.

#### **Duration**

The weighted maturity of a fixed-income investment's cash flows, used in the estimation of the price sensitivity of fixed-income securities for a given change in interest rates. Time periods are weighted by multiplying by the present value of its cash flow divided by the bond's price (a bond's cash flows consist of coupon payments and repayment of capital). A bond's duration will almost always be shorter than its maturity, with the exception of zero-coupon bonds, where maturity and duration are equal.

#### **Growth Style Investing**

Growth investors purchase companies that have above-average earnings growth and/or above-average sales growth rates.

#### **Investment Objectives**

The overall financial objectives of an investor. For example, whether the investor requires income or capital appreciation. The investor's objectives govern the investment strategy.

#### Large Cap

Large Capitalization – refers to those companies with a market capitalization of greater than \$10 billion.

#### Liquidity

The ability to buy or sell an asset quickly and in large volume without substantially affecting the asset's price.

#### Market Capitalization

The dollar value of a public company based on the total number of shares of stock available multiplied by the price per share.

#### Mid Cap

Mid Capitalization – refers to those companies with a market capitalization between \$2 and \$10 billion.

#### Net of Fees

After subtraction of management fees.

#### **GLOSSARY - CONTINUED**

#### **Peer Group**

Contemporaries of the same asset class that can be compared against one another to achieve a larger sense of how the particular portfolio is performing.

#### **Portfolio**

Refers to the complete list of securities held in an investment vehicle.

#### Small Cap

Small Capitalization – refers to those companies with a market capitalization between \$500 million and \$1.99 billion.

#### **Standard Deviation**

Measures the range of returns and is based on a Normal Curve. Managers with lower standard deviations than the index have historically had returns that tended to fall closer to their mean return compared to the index. Managers with higher standard deviations than the index have historically had returns that tended to be further dispersed around the mean than the index. This is another measure of volatility, but it doesn't distinguish downside performance from upside performance.

#### Value Style Investing

Value investors rely on an examination of the underlying or unrealized value of a company as the primary criterion for deciding whether or not to buy a company's stock. Value stocks are often priced lower than growth stocks due to slower growth expectations, recent financial difficulty, or a host of other reasons.

Signature: _			
Name:			
Date:			

On behalf of the State of Nevada Deferred Compensation Program, this Investment Policy Statement is adopted by the Committee and effective on this date:

# NEVADA PUBLIC EMPLOYEES' DEFERRED COMPENSATION PROGRAM

FEE AND EXPENSE POLICY STATEMENT

### **STATE OF NEVADA**

September December 2020

Nevada Public Employees' Deferred Compensation Program | Fee and Expense Policy Statement

#### Introduction and Purpose

The purpose of this Fee and Expense Policy Statement is to detail fees and expense-related procedures procedures for payment of Plan related expenses for the State of Nevada's 457(b) Deferred Compensation and 3121 FICA Alternative Programs. This document is reviewed at least annually by the Nevada Deferred Compensation ("NDC") Committee ("Committee") which serves as a Fiduciary to the Plans.

#### Participant Expenses

457 (b) Plan Administrative Fees: Effective January 1, 2020, a \$10.25 administrative flat per-account charge (\$41 per year) will be withdrawn quarterly for all participants with a total account balance of \$1,000 or more, regardless of how they are invested. 457 (b) Plan Administrative Fees do not subsidize the 3121 FICA Alternative Plan.

3121 FICA Alternative Plan Administrative Fees: Effective January 1, 2020, a \$.55 administrative flat peraccount charge (\$2.20 per year) will be withdrawn quarterly for all participants. 3121 FICA Alternative Plan Administrative Fees do not subsidize the 457 (b) Plan.

Fund Management fees depend on the investment option chosen. NDC will strive to offer the lowest cost share classes of funds (on a NET basis). All revenue share, if applicable, is provided back to participants as appropriate. Please refer to the Contract Prospectus Summary for each individual fund fee information.

#### Payment of Excess Plan Expenses

State of Nevada is the Plans' Sponsor. All expenses incidental to the administration or protection of the Plans, and the management of the assets of the Plans, shall be paid from the assets of the Plans or by the Plan participants; unless the Plan Sponsor chooses to pay such expenses directly.

To the extent permitted by law, the Plans' Administrative Allowance Account ("Account") may be reimbursed from the Plans for any direct expenses properly and actually incurred in connection with the performance of services for the Plans.

Expenses may be paid or reimbursed from the Account only upon the review and approval of the Committee, or by such other appropriate fiduciary of the Plans.

#### **Qualified Expenses**

The expenses that may be paid from, or which may be reimbursed to the Plan Sponsor for its payment of, include, and are not limited to, the following:

- (a) Ongoing Plan administrative expenses, such as record keeping, legal, auditing, annual reporting, claims processing and similar administrative expenses;
- (b) Investment advisory, investment management, administrative investment or service fees and expenses;
- (c) Costs incurred in preparing, printing and distributing plan-related documents and other Participant communication materials;
- (d) Costs associated with benefit distributions and transactions;
- (e) Expenses to provide investment assistance and education to Participants; and
- (f) Costs for providing on-going education, including the costs of attending seminars and conferences, for members of the Committee, fiduciaries and staff with respect to the Plans as necessary or appropriate to assist in the discharge of their responsibilities to the Plans.

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Nevada Public Employees' Deferred Compensation Program | Fee and Expense Policy Statement

#### Participant Fees in Excess of Plans' Administration Service Provider Costs

The agreements entered into between the Plan Sponsor and Plan Administration Service Provider state that participants shall pay an explicit fee which shall be used to pay for various aspects of Plan Administration. This fee may exceed the amount retained by the Plan Administration Service Provider to pay for its services.

Fees collected in excess of those retained by the Plan Administration Service Provider and received by the Plan shall be held in an unallocated trust assets account maintained under the Plan, to be called the Administrative Allowance Account.

Thereafter funds accrued in this account shall be used exclusively for the benefit of Participants and their Beneficiaries, or to defray the reasonable expenses of administering and managing the Plan.

#### Allocation of Excess Plan Administration Fees

Excess revenue remaining in the Administrative Allowance Account may be allocated to Plan participants at the Committee's discretion. Such amounts shall be allocated to Plan participants based on their pro-rata share of Plan assets.

#### Amendment

This Fee Policy may be amended by a majority vote of the Committee at a properly noticed meeting called for that purpose.

On behalf of the Nevada Deferred Compensation Committee, this Fee and Expense Policy Statement is adopted by the Committee and effective on this date:

Signature:		
_	NDC Executive Officer	
Name:		
Date:		





# Disclosures

- You should consider the investment objectives, risks, and charges and expenses of the variable product and its underlying fund options, carefully before investing. The fund prospectuses and information booklet containing this and other information can be obtained by contacting your local representative. Please read the information carefully before investing.
- Group annuities are intended as long-term investments designed for retirement purposes. Money taken from the annuity will be taxed as ordinary income in the year the money is distributed. Account values fluctuate with market conditions, and when surrendered the principal may be worth more or less than its original amount invested. An annuity does not provide any additional tax deferral benefit, as tax deferral is provided by the plan. Annuities may be subject to additional fees and expenses to which other tax-qualified funding vehicles may not be subject. However, an annuity does provide other features and benefits, such as lifetime income payments and death benefits, which may be valuable to you.
- Insurance products, annuities and funding agreements are issued by Voya Retirement Insurance and Annuity Company ("VRIAC"), Windsor, CT. VRIAC is solely responsible for its own financial condition and contractual obligations. Plan administrative services provided by VRIAC or Voya Institutional Plan Services LLC ("VIPS"). VIPS does not engage in the sale or solicitation of securities. All companies are members of the Voya family of companies. Securities distributed by Voya Financial Partners LLC (member SIPC) or third parties with which it has a selling agreement. All products and services may not be available in all states.
- Nevada Deferred Compensation is not affiliated with Voya.
- Registered representative of & securities offered through Voya Financial Advisors, Inc. (member SIPC)
- For Plan Sponsor Use Only



# Agenda

- Voya Update
- Communications Update
- Voya Field Services
- CARES Act Update







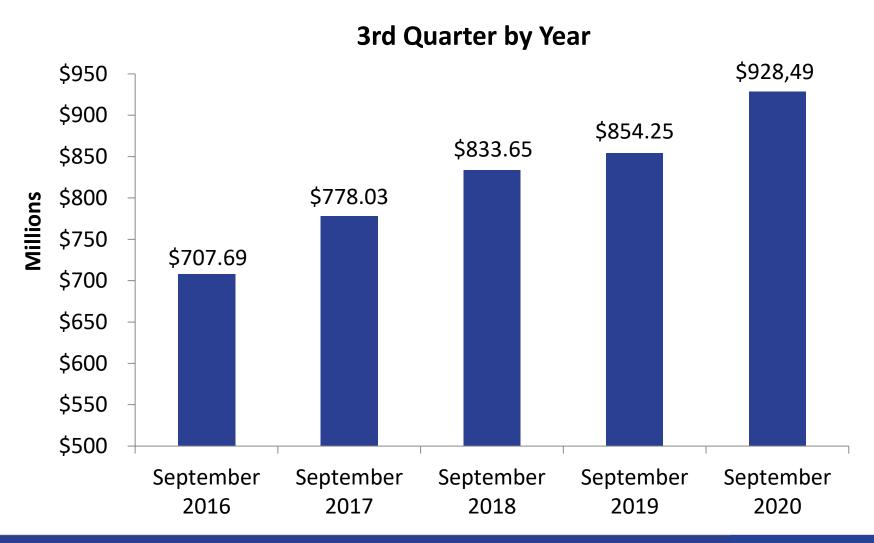
# Plan Summary

Compare by Period	2 <sup>nd</sup> Quarter 2020	3 <sup>rd</sup> Quarter 2020
Beginning of Period Plan Assets	\$792,835,578.62	\$887,214,195.65*
Contributions	\$12,539,099.90	\$12,315,663.70
Distributions	-\$9,885,125.35	-\$13,180,423.42
Loan Activity	-\$148,423.73	-\$-70,024.56
Other Activity	-\$241,913.07	-\$110,816.93
Dividends	\$1,139,845.21	\$5,180,475.19
Appreciation/Depreciation	\$90,981,240.76	\$37,147,104.63
End of Period Plan Assets	\$887,220,302.34	\$928,496,174.26

<sup>\*</sup> Difference between 2<sup>nd</sup> Qtr ending balance and 3<sup>rd</sup> Qtr beginning balance is from transactions dated outside of reporting period.



# Plan Assets





# Distributions

Type & Participants	3 <sup>rd</sup> Quarter 2019	4 <sup>th</sup> Quarter 2019	1st Quarter 2020	2nd Quarter 2020	3rd Quarter 2020
Death Claims	-\$438,196.47	-\$1,413,367.90	-\$282,616.16	-\$750,277.74	-\$1,629,441.84
	(13)	(19)	(10)	(12)	(23)
Excess Contributions	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	(0)	(0)	(0)	(0)	(0)
Hardship Withdrawals	-\$122,659.56	-\$134,409.33	-\$107,900.47	-\$1,244,770.71	-\$1,634,317.95
	(65)	(61)	(40)	(126)	(160)
Minimum Distributions	-\$396,297.13	-\$2,287,236.86	-\$689,022.79	-\$334,366.92	-\$196,427.72
	(113)	(575)	(196)	(99)	(86)
Periodic Payments	-\$948,560.73	-\$1,364,280.18	-\$1,040,154.68	-\$936,815.82	-\$892,013.99
	(879)	(972)	(885)	(835)	(805)
Withdrawals	-\$3,899,990.09	-\$7,992,325.16	-\$10,718,079.01	-\$6,634,801.03	-\$8,772,490.02
	(450)	(369)	(446)	(224)	(378)
NV PERS	-\$3,340,300.08	-\$2,171,356.54	-\$1,541,597.43	-\$972,532	-\$1,685,173.74
	(113)	(58)	(63)	(36)	(72)
Totals	-\$9,146,004.06	-\$15,362,975.97	-\$14,379,370.54	-\$10,873,564.22	-\$14,809,865.30
	(1,633)	(2,059)	(1,640)	(1,332)	(1,524)



State of Nevada 457 Plan

Rollover Institution	Amount	# of Rollovers
Allianz	\$189,959.71	1
Charles Schwab	\$72,252.27	2
Edward Jones	\$298,656.30	4
Fidelity & Guarantee Life Ins Co	\$42,591.96	1
Fidelity	\$490,363.47	4
Folio Financial	\$55,302.45	1
Jackson Financial	\$306,311.90	1
Mass Mutual	\$276,810.91	1
Nationwide	\$26,629.32	1
National Financial Services	\$30,000.00	1
Pershing	\$389,532.09	2
RBC Wealth Management	\$148,589.40	3
Specialized Trust	\$8.076.71	1
TD Ameritrade	\$12,290.80	2



State of Nevada 457 Plan

Rollover Institution	Amount	# of Rollovers
TIAA	\$135,672.85	1
Vanguard	\$359,299.23	3
Voya	\$356.13	1
Wells Fargo	\$1,762.56	1



NSHE 457 Plan

Rollover Institution	Amount	# of Rollovers
Capital Bank & Trust	\$159,387.24	2
Reliance Trust Company	\$11,237.63	1
TIAA	\$56,644.03	1
Voya	\$16.90	1



Political Subdivisions 457 Plan

Rollover Institution	Amount	# of Rollovers
Edward Jones	\$238,723.32	4
Nationwide	\$257,663.62	1
Principal	\$15,554.67	1
Prudential	\$258,345.73	1
TD Ameritrade	\$18,788.39	1
Vanguard	\$12,931.71	1
Voya	\$82,085.59	1



# Participant Account Activity

3 <sup>rd</sup> Quarter 2020 Voluntary Plan			
Beginning of Period	16,715		
New Accounts	130		
Closed Accounts	-170		
End of Period	16,675		
Terminated Employees with a balance	5,021		
Terminated Employees with a balance <\$5,000	1,075		

3 <sup>rd</sup> Quarter 2020 FICA Plan	
Beginning of Period	31,310
New Accounts	961
Closed Accounts	-349
End of Period	31,922
Terminated Employees with a balance	7,339
Terminated Employees with a balance <\$5,000	7,110







#### "Nevada Saves Month" Results

#### Tracking actions from October campaigns to measure:

- Changes to NDC savings rates
- Online account registrations
- Online account logins
- NDC Plan enrollments
- e-Delivery adoption
- Beneficiary maintenance
- Assessing financial wellness







### Q4 2020 Email Campaigns

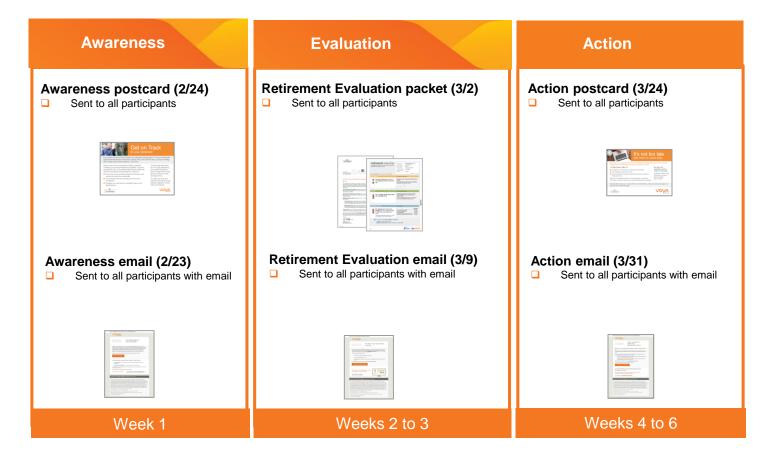
- Nevada Saves Month (October)
- 2020 NDC Plan Participant Survey (October)
- The Deferred Word (November)
- 2021 Contribution Limits Announcement (December)





### Q1 2021 Retirement Evaluation Campaign

Proposed campaign touch points, pending NDC review and approval in Dec/Jan.





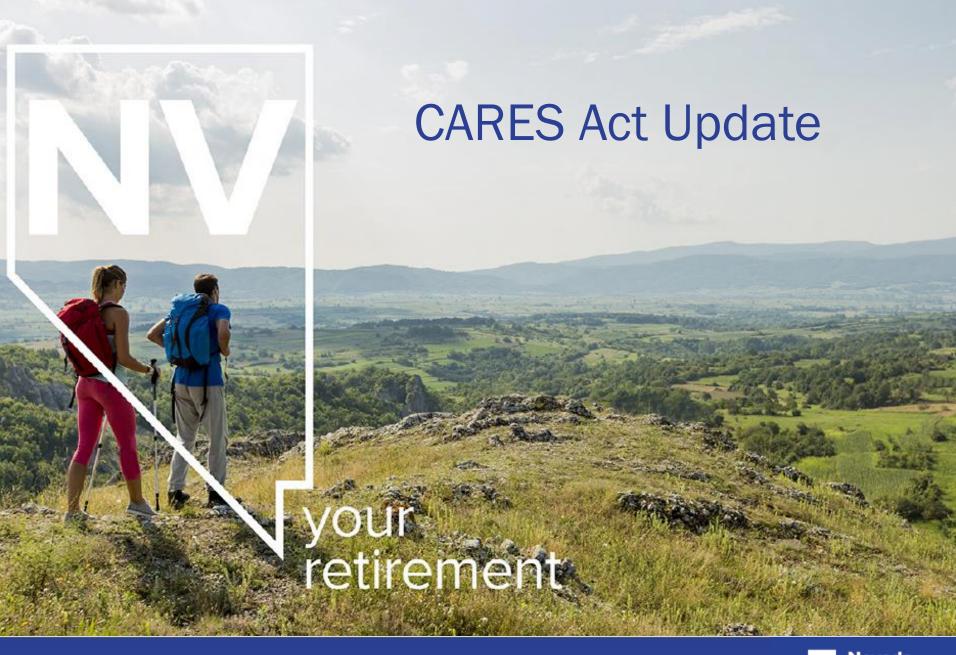




## **Quarterly Representative Activities**

	July	August	September	Total
Enrollments	44	59	34	137
Group Meetings	10	14	14	34
One-on-One Meetings	208	257	263	728







#### **CARES Act Participant Activity**

#### **CARES Act Timeline**

- ✓ CARES Act enacted on March 27, 2020
- ✓ NDC adopted provisions of the CARES Act on April 13, 2020
- ✓ Direction provided to Voya and provisions implemented on April 22, 2020

#### Participant activity through November 15, 2020:

	State of Nevada	Political Subdivisions	NSHE	Totals
# of Participant Calls	354	45	17	416
# of CARES Loan Payment Deferrals	13	0	0	13
# of CARES Act Distributions	14	0	0	14
Total Transaction Amounts	\$85,189.03	0	0	\$85,189.03
# CARES Act Distributions	246	25	11	282
Total CARES Act Distributions	\$2,704,546.56	\$595,309.35	\$137,790.72	\$3,437,646.63





#### 2020

#### **Committee Meetings**

January 7, 2020, 9:00 a.m.

Annual Planning Assion

100 N. Stewart C., Room 110

Car Car City, Nevada

March 5, 2020, 9:00 a.m. Quarterly Meeting

Nevada State Library & Archives 100 N. Stewart St., Boardroom Carson City, Nevada

April 13, 2020, 9:00 a.m. Special Meeting

Teleconference only due to COVID-19

June 17, 2020, 8:30 a.m.

Planning/Quarterly Meeting
Teleconference only due to
COVID-19

September 22, 2020, 9:00 a.m.

Quarterly Meeting

Teleconference due to

COVID-19

December 1, 2020, 9:00 a.m.

Quarterly Meeting
Teleconference due to
COVID-19

#### 2021

#### **Committee Meetings**

January 11, 2021

**Annual Planning Session** 

Teleconference due to COVID-19

March 1, 2021

**Quarterly Meeting**Carson City, Nevada

June 2021

**Quarterly Meeting** 

September 2021
Quarterly Meeting

November/December
Quarterly Meeting