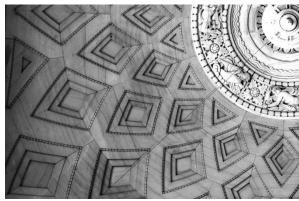


ARCHITECTS OF INVESTMENT SOLUTIONS





State of North Carolina

STATE OF NORTH CAROLINA

TABLE OF CONTENTS

SECTION I: Galliard Capital Management Firm Update

SECTION II: State of North Carolina Stable Value Portfolio Review

SECTION III: Investment Manager Performance & Positioning

SECTION I

GALLIARD CAPITAL MANAGEMENT

WHO WE ARE

\$95.8 B

TOTAL AUM

\$80.4 B

TOTAL STABLE VALUE AUM

90

STABLE VALUE SEPARATE ACCOUNTS

106

EMPLOYEES ON STAFF

SENIOR PROFESSIONALS AVERAGE YEARS OF EXPERIENCE:

Stable value portfolio management team $-\,2\,2\,$

Fixed income team - 20

Contract management & negotiation team — **25**

Offer **separate account** and **collective fund** solutions for clients

220+

INSTITUTIONAL CLIENTS

CLIENT RELATIONSHIP TENURE



~85% of our clients have worked with Galliard for greater than **5 years**

43 of those relationships exceed **15 years** with Galliard

CLIENT TYPES

- Corporate
 Public Entities
- Taft-HartleyOperating Funds
- Healthcare
 Insurance Reserves
 - Foundations / Endowments

FORTUNE 100 / 500

21 Fortune 100 clients; 57 Fortune 500 clients

GALLIARD

FOCUS

Focusing *exclusively* on institutional

FIXED INCOME & STABLE VALUE

solutions

Galliard is the **largest** stable value separate account manager¹ and advises the **largest** stable value collective fund² in the nation

Celebrating

25th year

firm anniversary

Data as of 9/30/2020



¹eVestment, Stable Value Fixed Income universe, as of June 30, 2020, Galliard ranked highest separate/segregated assets under management

²As ranked by the Hueler Analytics, Inc. © stable value universe; March 2020 monthly fund data

SECTION II

PORTFOLIO CHARACTERISTICS

STATE OF NORTH CAROLINA STABLE VALUE FUND

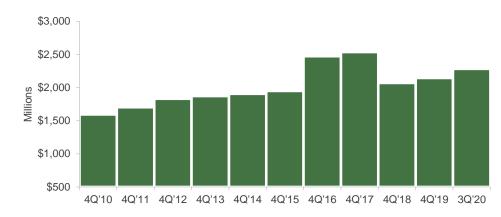
ACCOUNT SUMMARY

| Benchmark | ICE BofAML US 3-Month Tsy Bill Index+150 bps, 3 Year Constant Maturity Treasury |
|-------------------------|---|
| Galliard Inception Date | December 1, 2010 |
| Net Asset Value | \$2,282,778,013 |

PORTFOLIO CHARACTERISTICS

| | Portfolio 6/30/20 | Portfolio 9/30/20 |
|---|----------------------|----------------------|
| Average Quality - Book Value ¹ | AA- | A+ |
| Average Quality - Market Value ² | AA | AA |
| Number of Contract Issuers | 5 | 5 |
| Blended Yield (after all fees) ³ | 2.49% | 2.36% |
| Yield to Maturity | 0.98% | 0.81% |
| Effective Duration | 2.86 years | 2.95 years |
| Market/Book Value Ratio | 105.03% | 105.03% |

HISTORICAL FUND ASSETS



PORTFOLIO DISTRIBUTION

| | % Portfolio 6/30/20 | % Portfolio 9/30/20 |
|---|----------------------------|----------------------------|
| Liquidity Buffer: Cash & Equivalents ⁴ | 4.7 | 2.8 |
| Short Portfolio | 31.2 | 32.9 |
| Intermediate Portfolio | 64.0 | 64.3 |
| Total | 100.0%5 | 100.0%5 |

^{5:} Total % of portfolio may not add to 100% due to rounding.



^{1:} Average holdings quality of the contracts and other book value assets in the portfolio. The Weighted Average Quality of the portfolio has NOT been assessed by a nationally recognized statistical rating organization. The Weighted Average Quality shown represents an average quality of the individual holdings' Composite Ratings, as rated by S&P, Moody's and Fitch.

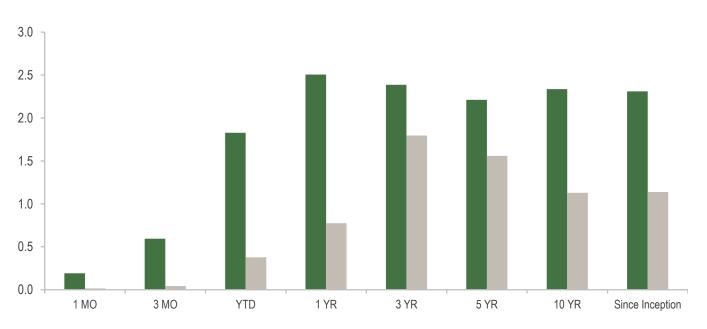
^{2:} Average holdings quality of the underlying assets of the portfolio. The Weighted Average Quality of the portfolio has NOT been assessed by a nationally recognized statistical rating organization. The Weighted Average Quality shown represents an average quality of the individual holdings' Composite Ratings, as rated by S&P, Moody's and Fitch.

^{3:} Blended Yield is net of all fees, including book value contract fees, Galliard investment management fees, and, if applicable, external manager fees, Wells Fargo collective fund administrative fees, and plan administrative reimbursement.

^{4:} Includes Receivables and Payables.

ANNUALIZED INVESTMENT PERFORMANCE

ANNUALIZED INVESTMENT PERFORMANCE AS OF 9/30/201



| | 1 Mo. | 3 Mo. | YTD | 1 Yr. | 3 Yr. | 5 Yr. | 10 Yr. | Since Inception |
|--|-------|-------|------|-------|-------|-------|--------|--------------------|
| Portfolio (net of all fees - NAV level) ^{2,3} | 0.19 | 0.59 | 1.83 | 2.51 | 2.39 | 2.21 | 2.34 | 2.31 |
| 3 Year Constant Maturity Treasury | 0.01 | 0.04 | 0.38 | 0.77 | 1.80 | 1.56 | 1.13 | 1.14 |
| ICE BofA US 3-Month Tsy Bill Index+150 bps | 0.14 | 0.41 | 1.77 | 2.63 | 3.22 | 2.73 | 2.16 | 2.16 |
| Value Added (net of all fees - NAV level) ⁴ | 0.18 | 0.55 | 1.45 | 1.73 | 0.59 | 0.65 | 1.21 | 1.17 |

^{4:} May not add due to rounding.



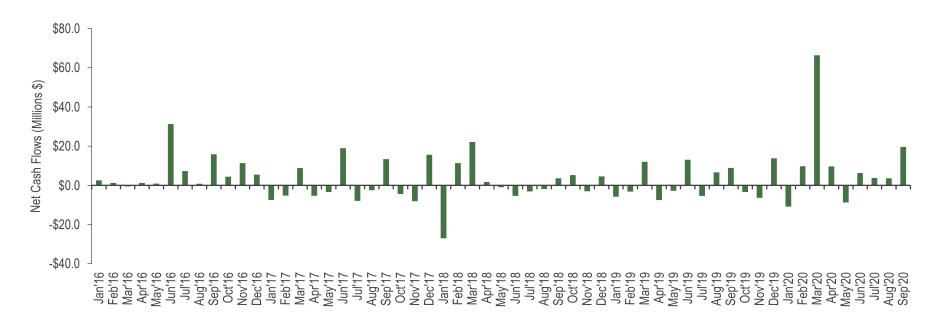
^{1:} Returns for periods of less than one year are not annualized.

^{2:} Returns are net of all fees, including book value contract fees, Galliard investment management fees, and, if applicable, external manager fees, Wells Fargo collective fund administrative fees, and plan administrative reimbursement.

^{3:} Galliard assumed management of this portfolio on December 1, 2010. Performance for periods referenced prior to this date include historical performance of another investment advisor.

HISTORICAL CASHFLOWS

HISTORICAL CASHFLOWS



| | 2016 | 2017 | 2018 | 2019 | 1Q'20 | 2Q'20 | 3Q'20 | 2020 YTD |
|-------------------------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Beginning Assets | \$1,948.6 | \$2,472.8 | \$2,535.1 | \$2,069.8 | \$2,143.4 | \$2,221.8 | \$2,242.5 | \$2,143.4 |
| Net Cash Flow (\$)1 | \$81.5 ⁴ | \$12.2 | \$6.93 | \$19.8 | \$65.2 | \$7.1 | \$26.9 | \$99.2 |
| Net Cash Flow (%) | 4.18% | 0.49% | 0.27% | 0.95% | 3.04% | 0.33% | 1.26% | 4.63% |
| Estimated Investment Earnings | \$46.9 | \$50.1 | \$51.6 | \$53.9 | \$13.2 | \$13.6 | \$13.4 | \$40.2 |
| Ending Assets ² | \$2,472.8 | \$2,535.1 | \$2,069.8 | \$2,143.4 | \$2,221.8 | \$2,242.5 | \$2,282.8 | \$2,282.8 |

^{1:} Contributions, Withdrawals and Investment Transfers

^{4:} Approximately \$395.8 M of new inflow and transfer activity related to the 1/4/16 merger of North Carolina 457 plan assets have been removed for illustrative purposes.



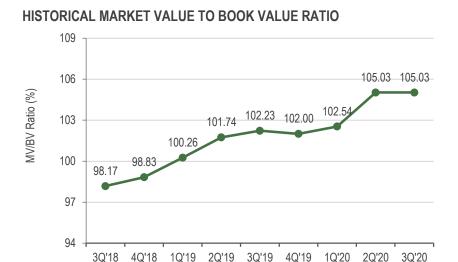
^{2:} Cashflows may not net to final assets due to rounding.

^{3:} Excludes Prudential GoalMaker withdrawal of approximately \$523.8 M on 6/8/18 for illustrative purposes.

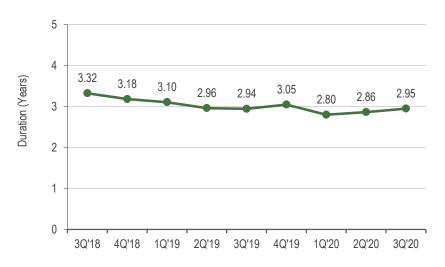
HISTORICAL STATS

HISTORICAL BLENDED YIELD¹ 5 4 2.34 2.41 2.54 2.60 2.63 2.64 2.47 2.49 2.36

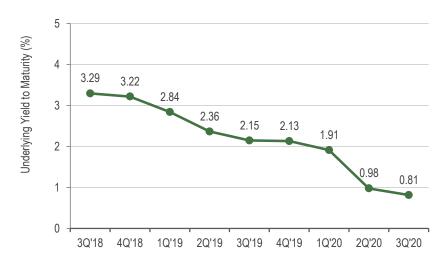
3Q'18 4Q'18 1Q'19 2Q'19 3Q'19 4Q'19 1Q'20 2Q'20



HISTORICAL DURATION



HISTORICAL UNDERLYING YIELD TO MATURITY



1: Blended Yield is net of all fees, including book value contract fees, Galliard investment management fees, and, if applicable, external manager fees, Wells Fargo collective fund administrative fees, and plan administrative reimbursement.

3Q'20



CONTRACT ISSUERS

CONTRACT ISSUER DISTRIBUTION & RATING SUMMARY¹

| | Contract Type ² | % Portfolio 6/30/20 | % Portfolio 9/30/20 | Rating 6/30/20 | Rating 9/30/20 | Wrap fees (bps) 9/30/20 |
|------------------------------------|-------------------------------|----------------------------|----------------------------|-----------------------|-----------------------|--------------------------------|
| American General Life Ins. Co. | SBIC | 19.4 | 19.7 | A+ | A+ | 16 |
| Metropolitan Life Ins. Co. | SAGIC | 10.2 | 10.1 | AA- | AA- | 18 |
| Nationwide Life Ins. Co. | SBIC | 17.6 | 19.8 | A+ | A+ | 16 |
| Prudential Ins. Co. of America | SBIC | 24.6 | 24.3 | AA- | AA- | 16 |
| Transamerica Premier Life Ins. Co. | SBIC | 23.5 | 23.2 | A+ | A+ | 16 |

^{2:} SBIC = Security Backed Investment Contract. SAGIC = Separate Account GIC



^{1:} The quality rating shown represents the individual holdings' Composite Ratings, as rated by S&P, Moody's and Fitch. Ratings shown as NR/NA are not rated or not available security ratings.

CONTRACT ISSUER CREDIT REVIEW PROCESS

OVERSIGHT

Galliard Credit Working Group

- MEMBERSHIP: includes all analysts and traders from both the Credit Sector Team and Structured Sector Team
- Reports contract issuer credit oversight to Galliard's Stable Value Strategy Committee

CREDIT REVIEW PROCESS

Approved Issuer List

- The Credit Working Group maintains an approved list of contract issuers on an ongoing basis
- · All contracts used in stable value accounts must be written by an approved issuer

Credit Working Group Review, Approval & Monitoring

- Meets monthly to review issuer credit quality and firm-wide exposure to approved contract issuers
- Oversees analysts' due diligence and formal credit reviews for each issuer
- Fundamental analysis of issuers includes:
 - Financial statements and ratios
 - Business model and product mix
 - Industry, economic, and regulatory environment
 - Regulatory ratios
 - Ratings agency analysis
 - Other third party research services (e.g. ALIRT, SNL)
 - Periodic due diligence calls and/or on-site visits



HOLDINGS

| Asset ID | Security Description | Contract¹ Type | Manager | Book Value (\$) | Market Value (\$) | Market/Book Value Ratio (%) | % of Portfolio | Crediting Rate (%) ² | UCA Yield (%) | | Galliard Composite Rating | Wrap Fees (bps) |
|--------------|---|-------------------|-----------------|--------------------|----------------------|-----------------------------------|-------------------|---------------------------------------|------------------|------|---------------------------------|-----------------------|
| LIQUIDITY BU | JFFER | | | | | | | | | | | |
| | Cash Receivable / (Payable) | | | -1,389,122 | -1,389,122 | 100.0 | -0.1 | 0.16 | 0.16 | 0.10 | AAA | |
| 9983008\$P | WF/BlackRock Short Term Investment Fund S | | | 65,603,037 | 65,603,037 | 100.0 | 2.9 | 0.16 | 0.16 | 0.10 | AAA | |
| TOTAL LIQUII | DITY BUFFER | | | 64,213,915 | 64,213,915 | 100.0 | 2.8 | 0.16 | 0.16 | 0.10 | AAA | |
| SHORT PORT | FOLIO | | | | | | | | | | | |
| 946996EE1 | American General Life Ins. Co. | SBIC | Galliard | 223,224,055 | 233,089,662 | 104.4 | 9.8 | 2.52 | 0.53 | 1.86 | A+ | 16.0 |
| 896994GW4 | Nationwide Life Ins. Co. | SBIC | Galliard | 195,017,865 | 202,890,647 | 104.0 | 8.5 | 2.28 | 0.53 | 1.86 | A+ | 16.0 |
| 744999CV3 | Prudential Ins. Co. of America | SBIC | Galliard | 107,662,466 | 114,918,933 | 106.7 | 4.7 | 2.76 | 0.53 | 1.86 | AA- | 16.0 |
| 600996QF2 | Transamerica Premier Life Ins. Co. | SBIC | Galliard | 224,251,087 | 234,989,767 | 104.8 | 9.8 | 2.44 | 0.53 | 1.86 | A+ | 16.0 |
| TOTAL SHOR | T PORTFOLIO | | | 750,155,474 | 785,889,009 | 104.8 | 32.9 | 2.47 | 0.53 | 1.86 | A+ | |
| INTERMEDIA | TE PORTFOLIO | | | | | | | | | | | |
| 590994VM8 | Metropolitan Life Ins. Co. | SAGIC | Dodge & Cox | 231,264,572 | 245,134,909 | 106.0 | 10.1 | 2.77 | 1.13 | 3.24 | AA- | 18.0 |
| 946996EE1 | American General Life Ins. Co. | SBIC | Payden & Rygel | 227,044,436 | 237,078,888 | 104.4 | 9.9 | 2.52 | 1.07 | 3.63 | A+ | 16.0 |
| 896994GW4 | Nationwide Life Ins. Co. | SBIC | Galliard | 257,130,510 | 267,510,750 | 104.0 | 11.3 | 2.28 | 0.93 | 3.23 | A+ | 16.0 |
| 744999CV3 | Prudential Ins. Co. of America | SBIC | Jennison Assoc. | 224,385,614 | 239,509,238 | 106.7 | 9.8 | 2.76 | 0.76 | 4.37 | AA- | 16.0 |
| 744999CV3 | Prudential Ins. Co. of America | SBIC | PGIM | 222,604,653 | 237,608,240 | 106.7 | 9.8 | 2.76 | 1.23 | 3.75 | AA- | 16.0 |
| 600996QF2 | Transamerica Premier Life Ins. Co. | SBIC | Galliard | 79,823,635 | 83,646,138 | 104.8 | 3.5 | 2.44 | 0.93 | 3.23 | A+ | 16.0 |
| 600996QF2 | Transamerica Premier Life Ins. Co. | SBIC | TCW | 226,155,205 | 236,985,068 | 104.8 | 9.9 | 2.44 | 0.82 | 3.68 | A+ | 16.0 |
| TOTAL INTER | RMEDIATE PORTFOLIO | | | 1,468,408,624 | 1,547,473,231 | 105.4 | 64.3 | 2.57 | 0.99 | 3.62 | A+ | |
| TOTAL PORT | FOLIO | | | 2,282,778,013 | 2,397,576,155 | 105.0 | 100.0 | 2.47 | 0.81 | 2.95 | A+ | |

SAGIC = Separate Account GIC. SBIC = Security Backed Investment Contract.
 Crediting rates are net of wrap fees and any other fees being netted out of the rates.



EXPENSES

TOTAL ANNUAL FUND OPERATING EXPENSES

Total Annual Operating Expenses are deducted directly from the Fund's net asset value and reduce the investment option's rate of return.

| Expense | Expense Ratio 9/30/20 | Per \$1000 | Est. Annual Revenue |
|---|--------------------------|------------|------------------------|
| Investment Management Fees paid to Galliard | 0.060% | \$0.60 | \$1,361,472 |
| Investment Management fees paid to Non-Affiliated Investment Advisors | 0.055% | \$0.55 | \$1,261,392 |
| Investment Contract Fees ¹ | 0.158% | \$1.58 | \$3,595,955 |
| Acquired Fund Fees ² | 0.002% | \$0.02 | \$52,482 |
| -Investment Contract Fees | None | None | None |
| -Other Acquired Fund Fees and Non-Affiliated Investment Management Fees paid to Non-Affiliated Investment Advisors ³ | 0.002% | \$0.02 | \$52,482 |
| 12b-1 Distribution Fee | None | None | None |
| Other Expenses ⁴ | 0.002% | \$0.02 | \$41,090 |
| Total Annual Fund Operating Expenses ⁵ | 0.277% | \$2.77 | \$6,312,392 |

^{1:} These are fees paid to create and maintain the investments used by a stable value fund.

Excluding STIF or money market allocations, non-affiliated investment advisors include Dodge & Cox , Jennison Assoc., Payden & Rygel, PGIM, TCW.



^{2:} These are fees borne indirectly by the Fund when it acquires an interest in another fund which pays its own separate fees.

^{3:} Includes audit fees for the cost of producing a report by a qualified auditor.

^{4:} NC's administrative fee of 0.025% which ordinarily is included in the Other Expenses, is waived for 2020.

^{5:} Total Annual Fund Operating Expenses are reflected daily in the Fund's net asset value (NAV).

SECTION III

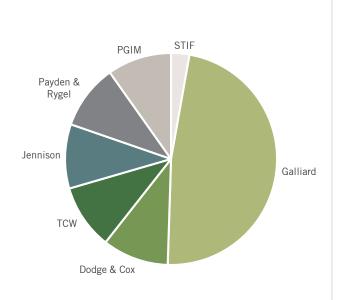
MANAGER STYLES

| | Investment Approach | Sector Rotation | Active Duration/ Yield Curve Mgmt. | Issue Selection | S E C T O R E M P H A S I S |
|-----------------|------------------------|--------------------|---------------------------------------|------------------------|---|
| G A L L I A R D | Bottom Top Up Down | Low High | Low High | Less More Important | Diversified high quality spread sector emphasis, multi-sector relative value |
| DODGE & COX | Bottom Top Up Down | Low High | Low High | Less More Important | Corporate credit, Agency MBS |
| T C W | Bottom Top Up Down | Low High | Low High | Less More Important | Duration, multi-sector relative value |
| JENNISON | Bottom Top Up Down | Low High | Low High | Less More Important | Credit, yield-curve positioning |
| PAYDEN & RYGEL | Bottom Top Up Down | Low High | Low High | Less More Important | Corporate credit, structured credit, multi-sector relative value |
| PGIM | Bottom Top Up Down | Low High | Low High | Less More Important | Multi-sector relative value, Agency MBS, global focus |



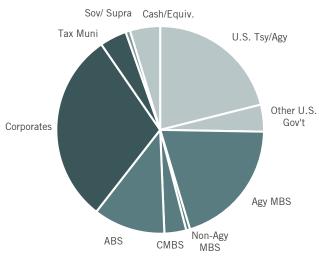
PORTFOLIO AS OF 9/30/20

MANAGER ALLOCATION



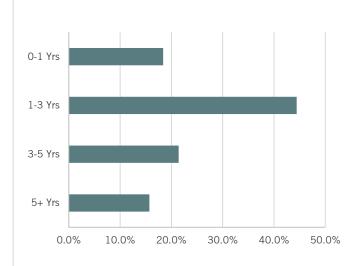
| STIF 2.8% Galliard 47.7% Dodge & Cox 10.1% TCW 9.9% Jennison 9.8% Payden & Rygel 9.9% PGIM 9.8% TOTAL EXT. MANAGER 49.5% TOTAL PORTFOLIO 100% | | |
|---|--------------------|-------|
| Dodge & Cox 10.1% TCW 9.9% Jennison 9.8% Payden & Rygel 9.9% PGIM 9.8% TOTAL EXT. MANAGER 49.5% | STIF | 2.8% |
| TCW 9.9% Jennison 9.8% Payden & Rygel 9.9% PGIM 9.8% TOTAL EXT. MANAGER 49.5% | Galliard | 47.7% |
| Jennison 9.8% Payden & Rygel 9.9% PGIM 9.8% TOTAL EXT. MANAGER 49.5% | Dodge & Cox | 10.1% |
| Payden & Rygel 9.9% PGIM 9.8% TOTAL EXT. MANAGER 49.5% | TCW | 9.9% |
| PGIM 9.8% TOTAL EXT. MANAGER 49.5% | Jennison | 9.8% |
| TOTAL EXT. MANAGER 49.5% | Payden & Rygel | 9.9% |
| 10112 | PGIM | 9.8% |
| TOTAL PORTFOLIO 100% | TOTAL EXT. MANAGER | 49.5% |
| | TOTAL PORTFOLIO | 100% |

UNDERLYING FIXED INCOME SECTOR ALLOCATION



| U.S. Tsy/Agy | 21.1% |
|------------------|-------|
| Other U.S. Gov't | 4.2% |
| Agy MBS | 20.1% |
| Non-Agy MBS | 0.6% |
| CMBS | 3.4% |
| ABS | 11.2% |
| Corporates | 29.9% |
| Tax Muni | 4.2% |
| Sov/ Supra | 0.7% |
| Cash/Equiv. | 4.7% |
| | |

UNDERLYING DURATION DISTRIBUTION



| 0-1 Yrs | 18.4% |
|---------|-------|
| 1-3 Yrs | 44.4% |
| 3-5 Yrs | 21.4% |
| 5+ Yrs | 15.7% |



MARKET VALUE PERFORMANCE SUMMARY AS OF 9/30/201

| | 3 Month | YTD | 1 Year | 3 Year | 5 Year | Since Inception | Inception Date |
|---|------------|------|-----------|-----------|-----------|--------------------|-------------------|
| SHORT DURATION | | | | | | | |
| Galliard (before fees) | 0.49 | 3.87 | 4.47 | - | - | 4.35 | 6/1/2018 |
| Bloomberg Barclays U.S. 1-3 Yr. Government/Credit | 0.23 | 3.12 | 3.73 | - | - | 3.73 | |
| Value Added ² | 0.26 | 0.75 | 0.74 | - | - | 0.62 | |
| INTERMEDIATE DURATION | | | | | | | |
| Dodge & Cox (before fees) | 1.07 | 5.91 | 6.63 | 4.72 | 4.01 | 3.55 | 3/1/2015 |
| Bloomberg Barclays U.S. Intermediate Aggregate | 0.48 | 5.16 | 5.66 | 4.20 | 3.27 | 3.08 | |
| Value Added ² | 0.59 | 0.74 | 0.97 | 0.52 | 0.74 | 0.47 | |
| Galliard (before fees) | 0.90 | 5.75 | 6.26 | - | - | 6.41 | 6/1/2018 |
| Bloomberg Barclays U.S. Intermediate Aggregate | 0.48 | 5.16 | 5.66 | - | - | 5.89 | |
| Value Added ² | 0.42 | 0.59 | 0.60 | - | - | 0.52 | |
| Jennison (before fees) ³ | 0.57 | 7.81 | 8.16 | 5.19 | 3.99 | 7.06 | 5/1/2018 |
| Bloomberg Barclays U.S. Intermediate Govt/Credit | 0.61 | 5.92 | 6.32 | 4.43 | 3.39 | 6.28 | |
| Value Added ² | (0.05) | 1.89 | 1.84 | 0.76 | 0.60 | 0.78 | |
| Payden & Rygel (before fees) | 0.80 | 5.82 | 6.30 | 4.81 | 3.42 | 2.74 | 7/1/2009 |
| Bloomberg Barclays U.S. Intermediate Aggregate ⁴ | 0.48 | 5.16 | 5.66 | 4.50 | 3.08 | 2.24 | |
| Value Added ² | 0.32 | 0.66 | 0.64 | 0.31 | 0.34 | 0.50 | |
| PGIM (before fees) | 0.98 | 5.26 | 5.90 | 4.56 | - | 3.91 | 2/1/2016 |
| Bloomberg Barclays U.S. Intermediate Aggregate | 0.48 | 5.16 | 5.66 | 4.20 | - | 3.35 | |
| Value Added ² | 0.50 | 0.09 | 0.24 | 0.36 | - | 0.56 | |
| TCW (before fees) | 0.89 | 6.75 | 7.09 | - | - | 6.79 | 6/1/2018 |
| Bloomberg Barclays U.S. Intermediate Govt/Credit | 0.61 | 5.92 | 6.32 | - | - | 6.24 | |
| Value Added ² | 0.28 | 0.82 | 0.78 | - | - | 0.55 | |

^{1:} Returns for periods of less than one year are not annualized.

^{4:} Linked Benchmark: Bloomberg Barclays U.S. Intermediate Aggregate Bond Index. Prior to Jun 1, 2018 benchmark was Bloomberg Barclays U.S. 1-3 Year Government/Credit Bond Index.



^{2:} May not add due to rounding.

^{3:} Performance inception: May 1, 2018. Prior to May 1, 2018 returns are linked to Wells Fargo Fixed Income Fund N (Jennison)

PERFORMANCE COMMENTARY – EXCESS RETURN

GALLIARD SHORT +26 Q3 2020

- General overweight to spread assets continued to drive relative performance
- Overweight allocations to Taxable Municipals and Corporates helped, as did out-of-index positioning in ABS, Agency RMBS, and CMBS
- No material detractors over the guarter

GALLIARD INTERMEDIATE +42 Q3 2020

- General overweight to spread assets continued to drive relative performance
- Overweight allocations to Taxable Municipals, Corporates, ABS, CMBS, and SBA securitizations all proved helpful
- · Security selection in Agency RMBS, with a focus on lower coupons, also added to returns
- Detracting from performance was a higher quality bias in Corporate security selection

DODGE & COX +59 Q3 2020

- The overweight to Corporate securities benefited performance, while security selection within Corporates was a modest detractor
- · Security selection within Agency RMBS contributed positively to performance over the quarter

JENNISON -5 Q3 2020

- · While the overweight to Corporates contributed positively to performance, the high quality bias in the space detracted
- The out-of-benchmark allocation to ABS and Agency RMBS slightly added to performance

PAYDEN & RYGEL +32 Q3 2020

- The overweight to Corporates contributed positively to performance
- Security selection within Taxable Municipals also aided positive relative performance

PGIM +50 Q3 2020

- Allocation decisions favoring spread sectors were the primary driver of outperformance led by the overweight to CMBS and Corporates
- The impact of security selection was also positive as selection within Agency RMBS, Corporates, and ABS contributed positively
- · Security selection within CMBS detracted

TCW +28 Q3 2020

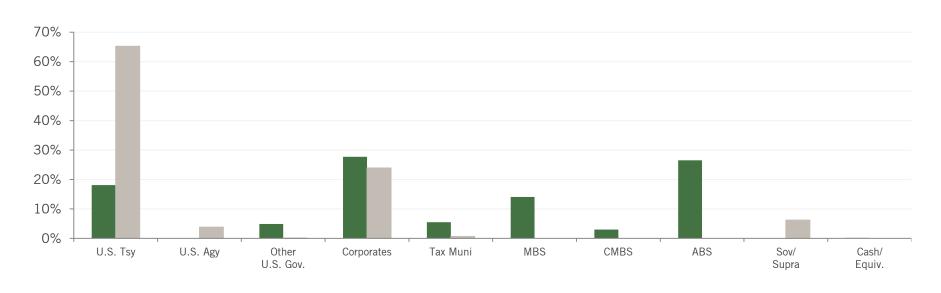
- Defensive security selection within Corporates benefited performance over the quarter
- The out-of-benchmark allocations to ABS and CMBS also added to performance

Before fees.



SHORT DURATION PORTFOLIO AS OF 9/30/20

BLOOMBERG BARCLAYS U.S. 1-3 YEAR GOVERNMENT/CREDIT BOND INDEX



■ Galliard Short

■ Bloomberg Barclays U.S. 1-3 Yr Gov't/Credit Bond Index

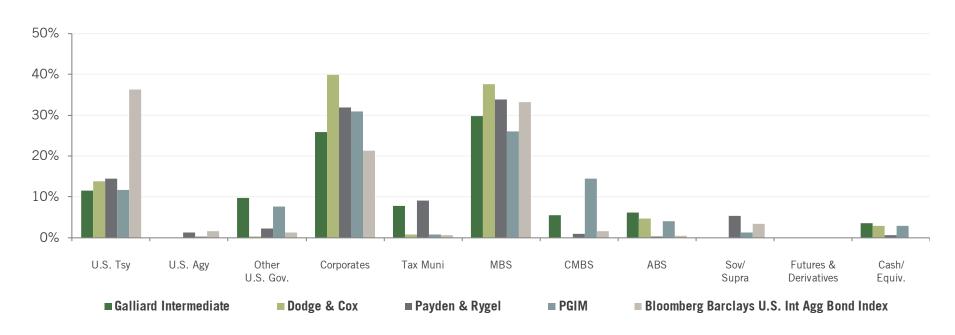
| Characteristic | Galliard Short | Bloomberg Barclays U.S. 1-3 Yr Gov't/ Credit Bond Index |
|---------------------------------------|----------------|---|
| Weighted Average Quality ¹ | AA | AA |
| Effective Duration | 1.86 Yrs | 1.84 Yrs |
| Yield to Maturity | 0.53% | 0.32% |

^{1:} The Weighted Average Quality of the portfolio has NOT been assessed by a nationally recognized statistical rating organization. The Weighted Average Quality shown represents an average quality of the individual holdings' Composite Ratings, as rated by S&P, Moody's and Fitch.



INTERMEDIATE DURATION PORTFOLIOS AS OF 9/30/20

BLOOMBERG BARCLAYS U.S. INTERMEDIATE AGGREGATE BOND INDEX



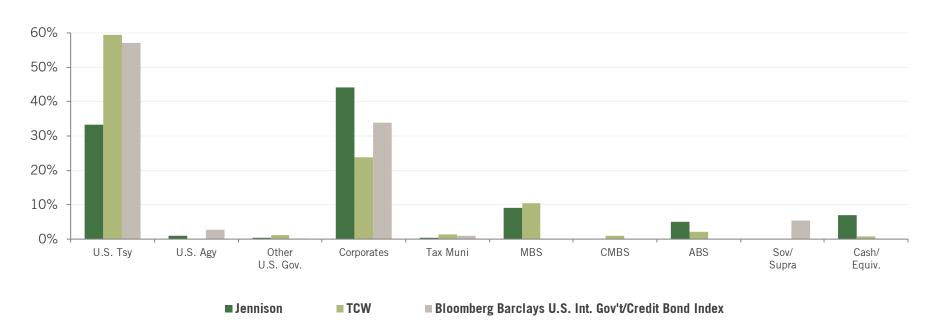
| Characteristic | Galliard Intermediate | Dodge & Cox | Payden & Rygel | PGIM | Bloomberg Barclays U.S. Int Agg Bond Index |
|---------------------------------------|--------------------------|-------------|----------------|----------|--|
| Weighted Average Quality ¹ | AA | AA- | AA | AA- | AA+ |
| Effective Duration | 3.23 Yrs | 3.24 Yrs | 3.63 Yrs | 3.75 Yrs | 3.42 Yrs |
| Yield to Maturity | 0.93% | 1.13% | 1.07% | 1.23% | 0.90% |

^{1:} The Weighted Average Quality of the portfolio has NOT been assessed by a nationally recognized statistical rating organization. The Weighted Average Quality shown represents an average quality of the individual holdings' Composite Ratings, as rated by S&P, Moody's and Fitch.



INTERMEDIATE DURATION PORTFOLIOS AS OF 9/30/20

BLOOMBERG BARCLAYS U.S. INTERMEDIATE GOVERNMENT/CREDIT BOND INDEX



| Characteristic | Jennison | TCW | Bloomberg Barclays U.S. Int Gov't/Credit Bond Index |
|---------------------------------------|----------|----------|---|
| Weighted Average Quality ¹ | AA | AA+ | AA |
| Effective Duration | 4.37 Yrs | 3.68 Yrs | 4.05 Yrs |
| Yield to Maturity | 0.76% | 0.82% | 0.68% |

^{1:} The Weighted Average Quality of the portfolio has NOT been assessed by a nationally recognized statistical rating organization. The Weighted Average Quality shown represents an average quality of the individual holdings' Composite Ratings, as rated by S&P, Moody's and Fitch.

