

Wisconsin Deferred Compensation Plan Intermediate-Term Bond Search

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Fund Analytics - Active Mutual Funds

Fund Facts

Ticker	Morningstar Category	Morningstar Institutional Category	Primary Prospectus Benchmark	Manager Name	Manager Tenure (Longest)	Fund Size	Fund Size Date	Inception Date
Western Asset Core Bond IS	WACSX US Fund Intermediate-Term Bond	Intermediate Investment Grade (4-6)	BBgBarc US Agg Bond TR USD	Multiple	24.33	10,334,355,823.00	3/29/2019	8/29/2008
Dodge & Cox Income	DODIX US Fund Intermediate-Term Bond Short/Intermediate	Investment Grade (2.5-4)	BBgBarc US Agg Bond TR USD	Multiple	30.25	54,872,711,589.00	2/28/2019	1/3/1989
Fidelity® Total Bond Fund	FTBFX US Fund Intermediate-Term Bond	BBB-Rated	BBgBarc US Agg Bond TR USD	Multiple	14.33	21,796,932,784.00	3/29/2019	10/15/2002
US Fund Large Value	Large Value							5/1/1931

	# of Holdings	Prospectus Net Expense Ratio	Average Eff Maturity	Average Eff Duration	Average Credit Quality	Yield to Maturity	Turnover Ratio %
Western Asset Core Bond IS	1,720	0.43	10.00	5.70	AAA	3.96	115.00
Dodge & Cox Income	1,101	0.43	8.30	4.30	A	4.12	37.00
Fidelity® Total Bond Fund	1,555	0.45		5.38	BBB	3.72	109.00
US Fund Intermediate-Term Bond	480	0.75	7.68	5.24	BBB	3.77	204.20

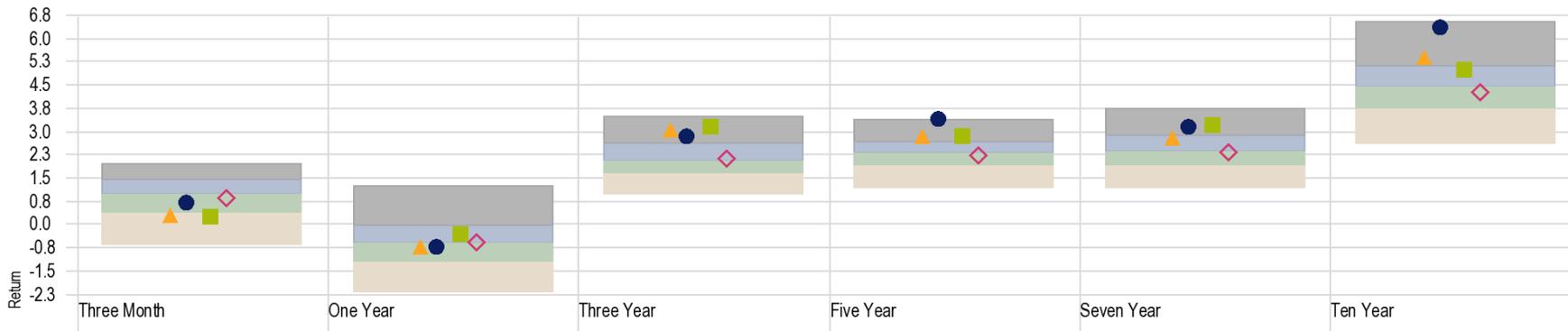
	Asset Alloc Cash %	Asset Alloc US Equity %	Asset Alloc Non-US Equity %	Asset Alloc US Bond %	Asset Alloc Non-US Bond %	Asset Alloc Other %	Portfolio Date
Western Asset Core Bond IS	-1.77	0.00	0.00	86.19	14.46	1.11	12/31/2018
Dodge & Cox Income	1.19	0.00	0.00	82.78	14.71	1.32	12/31/2018
Fidelity® Total Bond Fund	2.75	0.00	0.00	84.60	13.97	-1.32	1/31/2019
US Fund Intermediate-Term Bond	2.89	0.04	0.00	88.58	6.96	1.53	2/28/2019

Fund Analytics - Active Mutual Funds

Trailing Returns

Peer Group (5-95%): Open End Funds - U.S. - Intermediate-Term Bond

Top Quartile 2nd Quartile 3rd Quartile Bottom Quartile



● Western Asset Core Bond IS
◆ US Fund Intermediate-Term Bond

■ Dodge & Cox Income

▲ Fidelity Total Bond Fund

Trailing Returns

As of Date: 12/31/2018 Source Data: Monthly Return Peer Group: Open End Funds - U.S. - Intermediate-Term Bond

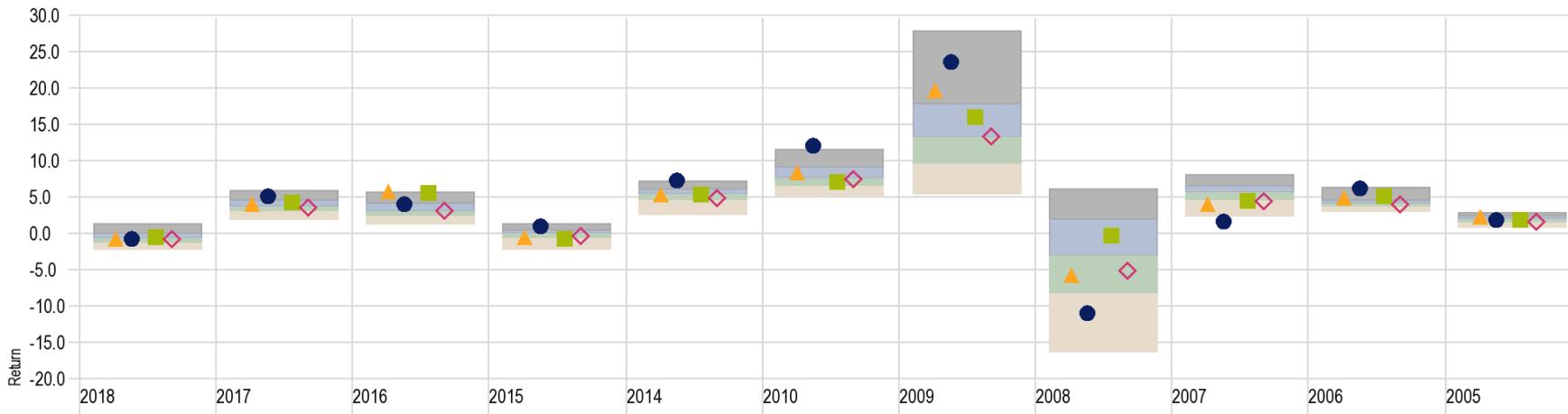
	Three Month	% rank	One Year	% rank	Three Year	% rank	Five Year	% rank	Seven Year	% rank	Ten Year	% rank
Western Asset Core Bond IS	0.72	62	-0.67	54	2.86	15	3.45	5	3.21	14	6.41	6
Dodge & Cox Income	0.29	79	-0.31	36	3.19	8	2.87	17	3.26	13	5.01	29
Fidelity Total Bond Fund	0.34	77	-0.69	55	3.08	10	2.85	18	2.82	28	5.43	16
BBgBarc US Agg Bond TR USD	1.64	14	0.01	24	2.06	52	2.52	35	2.10	67	3.48	81
US Fund Intermediate-Term Bond	0.87	56	-0.52	46	2.14	47	2.24	54	2.36	51	4.29	57
25th Percentile	1.43		-0.01		2.61		2.68		2.87		5.12	
50th Percentile	0.97		-0.58		2.09		2.30		2.39		4.47	
75th Percentile	0.40		-1.21		1.67		1.89		1.93		3.77	

Fund Analytics - Active Mutual Funds

Calendar Year Returns

Peer Group (5-95%): Open End Funds - U.S. - Intermediate-Term Bond

■ Top Quartile ■ 2nd Quartile ■ 3rd Quartile ■ Bottom Quartile



● Western Asset Core Bond IS ■ Dodge & Cox Income ▲ Fidelity® Total Bond Fund
 ◆ US Fund Intermediate-Term Bond

Calendar Year Returns

Peer Group: Open End Funds - U.S. - Intermediate-Term Bond

	2018	2017	2016	2015	2014	2010	2009	2008	2007	2006	2005
Western Asset Core Bond IS	-0.67	5.23	4.13	1.22	7.54	12.25	23.72	-10.78	1.74	6.24	1.91
Dodge & Cox Income	-0.31	4.36	5.61	-0.59	5.48	7.17	16.05	-0.29	4.68	5.30	1.98
Fidelity® Total Bond Fund	-0.69	4.19	5.86	-0.42	5.54	8.55	19.80	-5.56	4.13	5.15	2.46
BBgBarc US Agg Bond TR USD	0.01	3.54	2.65	0.55	5.97	6.54	5.93	5.24	6.97	4.33	2.43
US Fund Intermediate-Term Bond	-0.52	3.76	3.24	-0.27	5.13	7.71	13.47	-5.07	4.62	4.11	1.79
25th Percentile	-0.01	4.51	4.19	0.48	6.17	9.22	17.97	1.94	6.49	4.60	2.40
50th Percentile	-0.58	3.81	3.08	0.00	5.55	7.71	13.34	-3.00	5.69	4.11	2.03
75th Percentile	-1.21	3.10	2.36	-0.69	4.66	6.61	9.59	-8.20	4.69	3.77	1.64

Fund Analytics - Active Mutual Funds

Returns-Based Style Map

Time Period: 1/1/2014 to 12/31/2018



- Western Asset Core Bond IS
- Dodge & Cox Income
- Fidelity® Total Bond Fund
- BBgBarc US Agg Bond TR USD
- US Fund Intermediate-Term Bond

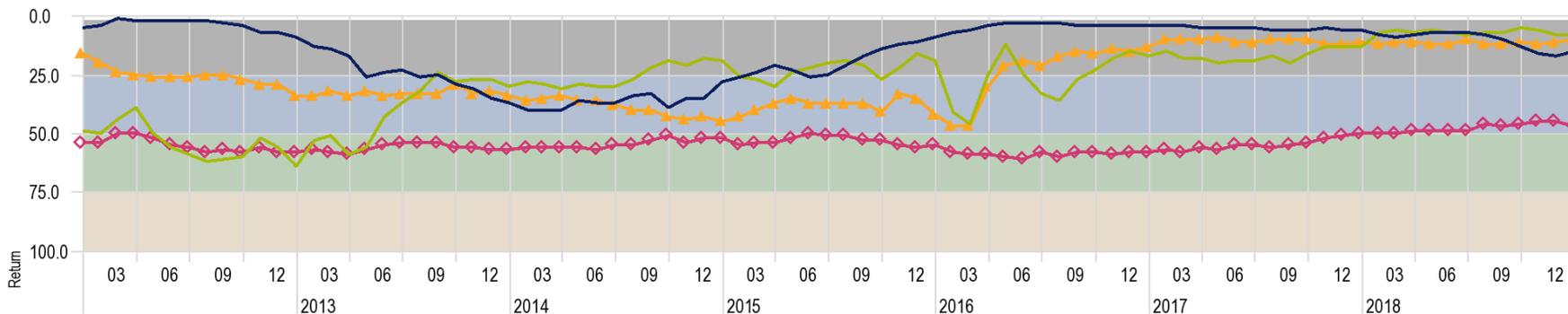
Fund Analytics - Active Mutual Funds

3 Year Rolling Returns

Time Period: 1/1/2009 to 12/31/2018

Peer Group (5-95%): Open End Funds - U.S. - Intermediate-Term Bond Rolling Window: 3 Years 1 Month shift

1st to 25th Percentile 26th to Median 51st to 75th Percentile 76th to 100th Percentile



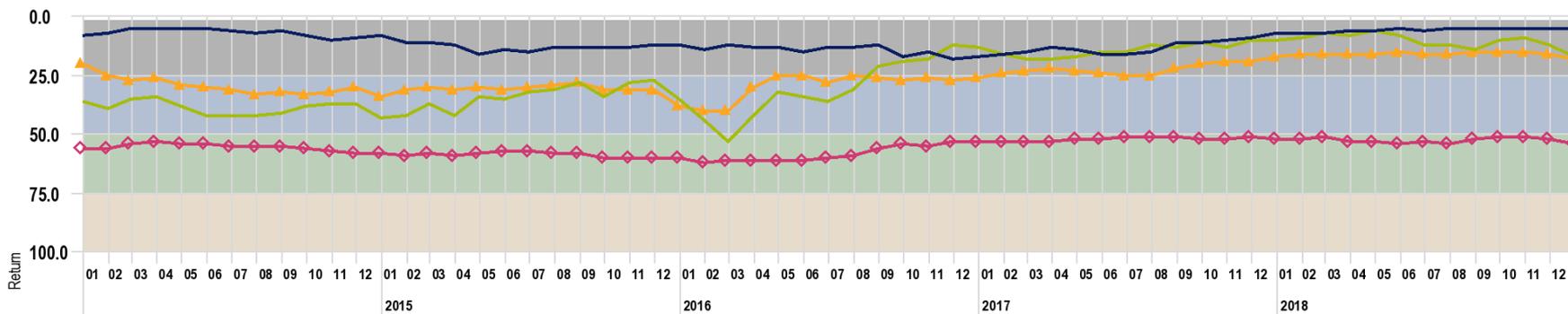
Western Asset Core Bond IS Dodge & Cox Income Fidelity Total Bond Fund
US Fund Intermediate-Term Bond

5 Year Rolling Returns

Time Period: 1/1/2009 to 12/31/2018

Peer Group (5-95%): Open End Funds - U.S. - Intermediate-Term Bond Rolling Window: 5 Years 1 Month shift

1st to 25th Percentile 26th to Median 51st to 75th Percentile 76th to 100th Percentile

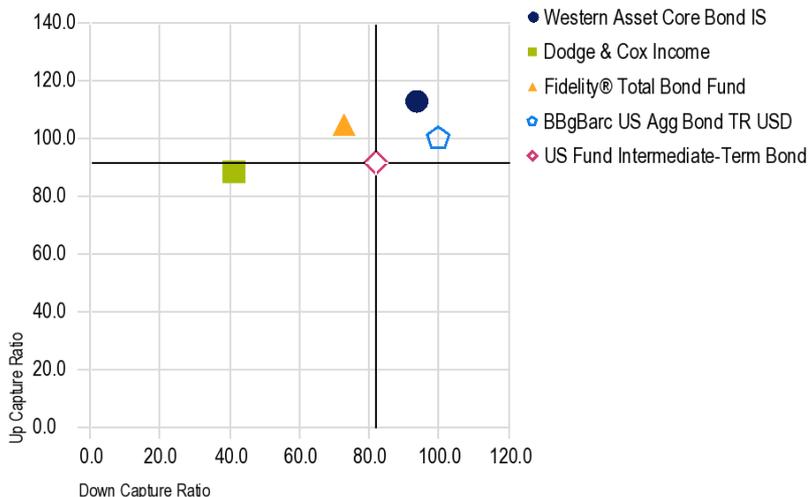


Western Asset Core Bond IS Dodge & Cox Income Fidelity Total Bond Fund
US Fund Intermediate-Term Bond

Fund Analytics - Active Mutual Funds

3 Year Upside-Downside Capture

Time Period: 1/1/2016 to 12/31/2018



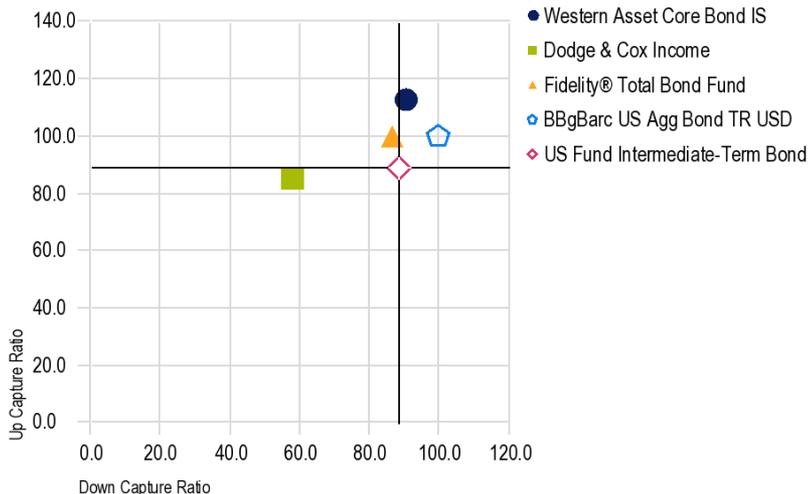
3 Year Upside-Downside Statistics

Time Period: 12/1/2015 to 12/31/2018 Calculation Benchmark: BBgBarc US Agg Bond TR USD

	Up Period Percent	Down Period Percent	Up Capture Ratio	Down Capture Ratio
Western Asset Core Bond IS	64.86	35.14	112.65	96.17
Dodge & Cox Income	67.57	32.43	88.37	49.09
Fidelity® Total Bond Fund	67.57	32.43	104.74	82.13
BBgBarc US Agg Bond TR USD	59.46	40.54	100.00	100.00
US Fund Intermediate-Term Bond	62.16	37.84	91.30	85.55
25th Percentile	59.46	45.95	241.74	184.59
50th Percentile	56.76	43.24	218.82	154.44
75th Percentile	54.05	40.54	192.68	122.11

5 Year Upside-Downside Capture

Time Period: 1/1/2014 to 12/31/2018



5 Year Upside-Downside Statistics

Time Period: 12/1/2013 to 12/31/2018 Calculation Benchmark: BBgBarc US Agg Bond TR USD

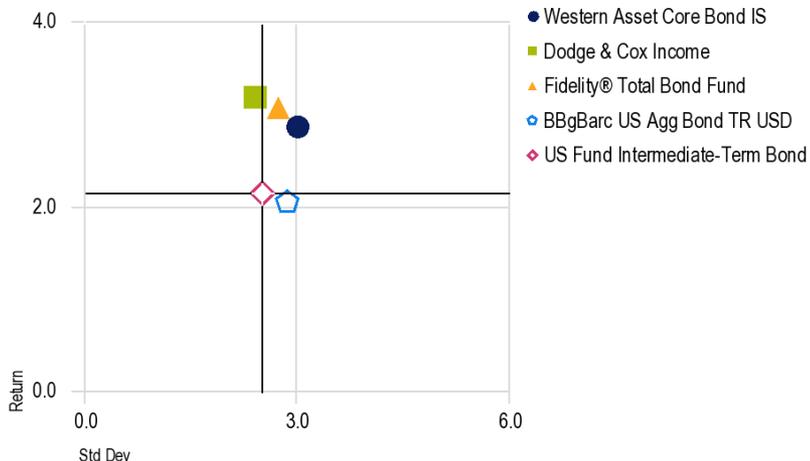
	Up Period Percent	Down Period Percent	Up Capture Ratio	Down Capture Ratio
Western Asset Core Bond IS	63.93	36.07	112.95	90.57
Dodge & Cox Income	63.93	36.07	85.31	55.97
Fidelity® Total Bond Fund	60.66	39.34	99.63	86.29
BBgBarc US Agg Bond TR USD	59.02	40.98	100.00	100.00
US Fund Intermediate-Term Bond	59.02	40.98	88.74	88.06
25th Percentile	55.74	47.54	135.24	217.79
50th Percentile	54.10	45.90	115.47	189.48
75th Percentile	52.46	44.26	98.78	164.90

Fund Analytics - Active Mutual Funds

3 Year Risk-Reward

Time Period: 1/1/2016 to 12/31/2018

Peer Group (5-95%): Open End Funds - U.S. - Intermediate-Term Bond



3 Year Risk Statistics

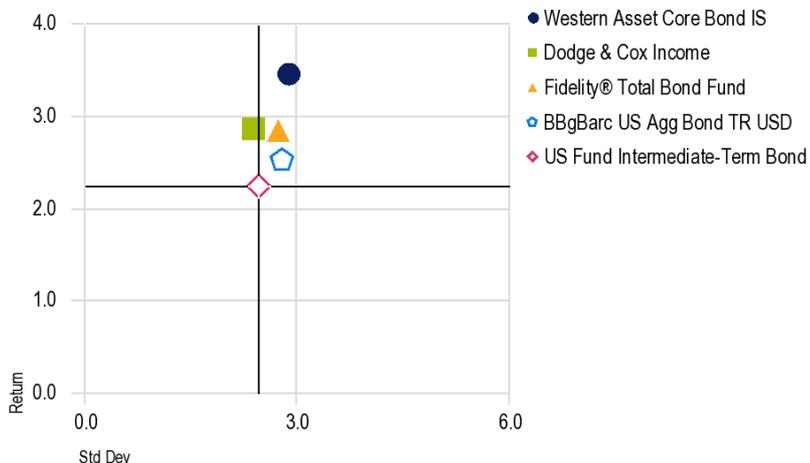
Time Period: 12/1/2015 to 12/31/2018 Peer Group: Open End Funds - U.S. - Intermediate-Term Bond

	Return	Std Dev	Alpha	Beta	Sharpe Ratio	Tracking Error
Western Asset Core Bond IS	2.62	3.01	0.70	1.02	0.51	0.87
Dodge & Cox Income	2.83	2.46	1.18	0.66	0.69	1.90
Fidelity® Total Bond Fund	2.65	2.81	0.84	0.88	0.55	1.38
BBgBarc US Agg Bond TR USD	1.89	2.85	0.00	1.00	0.29	0.00
US Fund Intermediate-Term Bond	1.90	2.52	0.11	0.86	0.33	0.75
25th Percentile	2.34	2.85	0.55	0.95	0.46	1.30
50th Percentile	1.85	2.71	0.04	0.89	0.29	1.00
75th Percentile	1.44	2.56	-0.36	0.81	0.15	0.63

5 Year Risk-Reward

Time Period: 1/1/2014 to 12/31/2018

Peer Group (5-95%): Open End Funds - U.S. - Intermediate-Term Bond



5 Year Risk Statistics

Time Period: 1/1/2014 to 12/31/2018 Peer Group: Open End Funds - U.S. - Intermediate-Term Bond

	Return	Std Dev	Alpha	Beta	Sharpe Ratio	Tracking Error
Western Asset Core Bond IS	3.45	2.90	0.91	1.00	0.94	0.86
Dodge & Cox Income	2.87	2.39	0.94	0.67	0.90	1.78
Fidelity® Total Bond Fund	2.85	2.75	0.53	0.89	0.78	1.26
BBgBarc US Agg Bond TR USD	2.52	2.79	0.00	1.00	0.66	0.00
US Fund Intermediate-Term Bond	2.24	2.47	-0.02	0.86	0.63	0.73
25th Percentile	2.68	2.81	0.41	0.95	0.74	1.32
50th Percentile	2.30	2.66	-0.03	0.90	0.60	1.00
75th Percentile	1.89	2.51	-0.37	0.80	0.47	0.65



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Wisconsin Deferred Compensation Board
Intermediate-Term Bond Performance Update
Data as of April 17, 2019

Name	Ticker	Morningstar Category	Morningstar Rating	Expense Ratio	Total Ret YTD	Total Ret 1 Yr	Total Ret 3 Yr	Total Ret 5 Yr	Total Ret 10 Yr
Dodge & Cox Income	DODIX	Intermediate-Term Bond	4	0.43	3.77	4.31	3.46	3.08	5.22
Fidelity® Total Bond Fund	FTBFX	Intermediate-Term Bond	4	0.45	3.72	4.18	3.04	3.10	5.39
Western Asset Core Bond IS	WACSX	Intermediate-Term Bond	5	0.43	3.92	4.74	3.00	3.56	6.97