

Monthly WRAP Fund Report

Prepared December 11, 2020

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Paterson & Associates - Monthly WRAP Fund Report

November 2020

							Correlations				Returns					
Name	Rating	Average	Monthly	Sharpe	Alpha	Beta	TSX	S&P 500	MSCI EAFE	Cdn.	3 Month	1 Year	3 Year	5 Year	MER	
		Monthly	Standard							Universe						
		Return	Deviation	Ratio	Typical Asset Mix: 70% - 90% Fixed Income / 10% - 30% Equity											
1	RBC Select Very Conservative Portfolio	D	0.36%	1.38%	0.20	-0.03%	0.85	0.8538	0.7744	0.7964	0.7192	2.3%	6.6%	4.4%	4.2%	1.69
2	Scotia Partners Balanced Income Portfolio	D	0.37%	1.50%	0.19	-0.05%	0.91	0.8636	0.8013	0.8219	0.6871	2.1%	5.4%	4.1%	4.4%	2.15
3	Manulife Simplicity Moderate Portfolio	D	0.42%	1.77%	0.19	-0.05%	1.03	0.8890	0.8656	0.8484	0.5868	2.7%	7.6%	4.7%	4.9%	2.13
4	RBC Managed Payout Solution	D	0.38%	1.62%	0.19	-0.07%	0.98	0.9364	0.7803	0.8052	0.6006	2.4%	5.0%	4.1%	4.5%	1.62
5	Scotia Select Balanced Income	D	0.35%	1.49%	0.19	-0.06%	0.90	0.8574	0.8339	0.8277	0.6819	1.7%	5.0%	4.2%	4.2%	1.88
6	CIBC Managed Income Portfolio	D	0.28%	1.09%	0.19	-0.02%	0.66	0.8118	0.7919	0.8158	0.7273	1.7%	5.2%	3.5%	3.3%	1.80
7	Marquis Balanced Income Portfolio	D	0.41%	1.84%	0.18	-0.07%	1.06	0.9286	0.8368	0.8598	0.5350	2.6%	3.8%	3.7%	4.9%	2.22
8	RBC Strategic Monthly Income Bond	D	0.37%	1.68%	0.18	-0.06%	1.05	0.7072	0.5596	0.7341	0.6090	2.3%	5.8%	3.8%	4.4%	1.80
9	DynamicEdge Defensive Portfolio	D	0.29%	1.24%	0.18	-0.05%	0.75	0.8116	0.7546	0.7762	0.7381	1.6%	5.2%	3.8%	3.5%	1.92
10	Symmetry Conservative Income Portfolio	D	0.31%	1.35%	0.18	-0.06%	0.82	0.8641	0.8197	0.8100	0.6711	1.5%	4.9%	3.3%	3.7%	1.87
11	CIBC Managed Income Plus Portfolio	D	0.33%	1.48%	0.17	-0.06%	0.85	0.8772	0.8642	0.8834	0.5930	2.4%	5.4%	3.7%	3.9%	2.19
12	National Bank Conservative Diversified	D	0.39%	1.82%	0.17	-0.11%	1.09	0.8693	0.7989	0.7844	0.6640	2.7%	7.7%	5.4%	4.5%	1.92
13	National Bank Conservative Strategy Portfolio	D	0.37%	1.76%	0.17	-0.10%	1.03	0.9079	0.8393	0.8495	0.5804	2.7%	5.7%	4.1%	4.3%	1.75
14	Scotia INNOVA Income Portfolio	D	0.25%	1.06%	0.16	-0.04%	0.64	0.7945	0.7794	0.7723	0.7572	1.3%	3.2%	2.8%	3.0%	1.85
15	National Bank Income Managed Portfolio	D	0.37%	1.92%	0.15	-0.12%	1.09	0.9429	0.8162	0.8280	0.4892	2.6%	5.6%	3.9%	4.3%	0.00
16	National Bank Stable Income Managed Portfolio	D	0.30%	1.66%	0.14	-0.14%	0.97	0.9253	0.7510	0.7893	0.5536	2.2%	5.5%	3.5%	3.5%	0.00
17	DynamicEdge Conservative Class Portfolio	F	0.39%	1.54%	0.21	-0.11%	0.99	0.8478	0.8500	0.8499	0.6235	2.3%	6.5%	4.7%	4.7%	1.89
18	TD Mgd Index Income Portfolio	F	0.38%	1.51%	0.20	-0.14%	1.04	0.7916	0.8043	0.7704	0.7765	1.6%	6.2%	4.8%	4.5%	1.50
19	Scotia Partners Income Portfolio	F	0.33%	1.30%	0.20	-0.09%	0.85	0.8302	0.7422	0.7773	0.7451	1.6%	5.0%	3.8%	3.9%	2.04
20	Manulife Simplicity Conservative Portfolio	F	0.33%	1.32%	0.19	-0.04%	0.82	0.7944	0.7468	0.7386	0.7865	1.4%	6.2%	4.0%	4.0%	1.89
21	Scotia Selected Income Portfolio	F	0.32%	1.29%	0.19	-0.05%	0.79	0.8025	0.7673	0.7611	0.7750	1.2%	4.7%	4.0%	3.8%	1.76
22	Meritage Conservative Portfolio	F	0.34%	1.47%	0.18	-0.08%	0.92	0.8325	0.7430	0.7493	0.7574	1.8%	6.9%	4.4%	4.1%	2.02
23	SEI Income 20/80 Class S	F	0.28%	1.19%	0.17	-0.06%	0.74	0.8098	0.7404	0.7556	0.7860	1.2%	3.7%	3.3%	3.3%	1.41
24	BMO Select Trust Income Portfolio	F	0.32%	1.46%	0.17	-0.08%	0.88	0.7945	0.7885	0.7814	0.7567	1.5%	5.4%	3.9%	3.8%	1.88
25	BMO Income ETF Portfolio Advisor Class	F	0.32%	1.45%	0.17	-0.09%	0.89	0.8042	0.7796	0.7679	0.7615	1.5%	6.1%	4.1%	3.8%	1.67
26	Meritage Conservative Income Portfolio	F	0.32%	1.49%	0.17	-0.10%	0.93	0.8588	0.7166	0.7459	0.7375	2.0%	5.3%	3.9%	3.8%	2.05
27	Renaissance Optimal Conservative Income Portfolio	F	0.30%	1.35%	0.17	-0.08%	0.83	0.8187	0.7037	0.7497	0.7600	2.1%	4.7%	3.5%	3.6%	1.62
28	Symmetry Conservative Portfolio	F	0.32%	1.48%	0.17	-0.16%	0.95	0.8769	0.8604	0.8359	0.6175	1.5%	5.6%	3.3%	3.8%	2.18
29	SEI Income 100 Class S	F	0.24%	0.97%	0.16	-0.06%	0.72	0.5441	0.4474	0.4581	0.9535	0.6%	5.5%	3.5%	2.8%	1.46
30	Meritage Moderate Income Portfolio	F	0.38%	1.86%	0.16	-0.14%	1.12	0.9257	0.7921	0.8299	0.6058	3.2%	4.2%	3.9%	4.4%	2.06
31	Meritage Moderate Portfolio	F	0.38%	1.90%	0.16	-0.14%	1.15	0.9218	0.8117	0.8328	0.6121	3.2%	5.4%	4.1%	4.5%	2.02
32	TD Mgd Income Portfolio	F	0.33%	1.56%	0.16	-0.10%	0.94	0.8359	0.8268	0.8182	0.6974	1.4%	5.8%	4.1%	3.8%	1.84
33	TD Comfort Balanced Income Portfolio	F	0.32%	1.57%	0.16	-0.10%	0.61	0.8776	0.7967	0.8152	0.6701	1.9%	4.7%	3.7%	3.8%	1.77
34	BMO FundSelect Income Portfolio Series A	F	0.31%	1.48%	0.16	-0.18%	0.99	0.8114	0.7847	0.7876	0.7450	1.7%	5.9%	3.9%	3.7%	2.42
35	Desjardins Chorus II Conservative Fund	F	0.32%	1.54%	0.16	-0.11%	0.93	0.8406	0.7793	0.8208	0.7078	1.8%	4.3%	3.4%	3.7%	1.74
36	TD Comfort Conservative Income	F	0.29%	1.37%	0.15	-0.10%	0.85	0.8370	0.7313	0.7612	0.7512	1.5%	5.1%	3.7%	3.4%	1.55
37	Desjardins Chorus II Balanced Income Fund	F	0.34%	1.73%	0.15	-0.13%	1.02	0.8664	0.8307	0.8609	0.6384	2.0%	3.6%	3.2%	3.9%	1.82
38	Fidelity Income Portfolio	F	0.34%	1.75%	0.15	-0.13%	1.03	0.8053	0.8097	0.8132	0.7106	2.6%	5.9%	4.2%	4.0%	2.35
39	Fidelity Global Income Portfolio	F	0.34%	1.78%	0.15	-0.25%	1.17	0.7159	0.8167	0.8182	0.6944	2.8%	5.4%	4.1%	4.0%	2.35
40	Sun Life Granite Conservative Portfolio Series A	F	0.30%	1.53%	0.15	-0.20%	0.99	0.8583	0.7992	0.8481	0.6698	2.0%	3.5%	3.1%	3.5%	1.93

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Name	Rating	Average Monthly Return	Monthly Standard Deviation	Sharpe Ratio	Alpha	Beta	Correlations				Returns				
							TSX	S&P 500	MSCI EAFE	Cdn. Universe Bond	3 Month	1 Year	3 Year	5 Year	MER
41 Quadrus Moderate Folio	F	0.31%	1.58%	0.15	-0.12%	0.94	0.8714	0.8357	0.8429	0.6473	2.6%	4.6%	3.4%	3.6%	2.36
42 Quadrus Conservative Folio	F	0.27%	1.36%	0.15	-0.11%	0.84	0.8072	0.7485	0.7661	0.7737	1.9%	4.6%	3.3%	3.2%	2.25
43 SEI Conservative Monthly Income Class S	F	0.29%	1.45%	0.15	-0.12%	0.89	0.8877	0.7941	0.8212	0.6662	1.6%	2.2%	2.7%	3.4%	1.68
44 TD Advantage Balanced Income Portfolio	F	0.32%	1.72%	0.14	-0.16%	1.05	0.8368	0.7919	0.7977	0.7189	2.3%	4.7%	4.0%	3.8%	1.99
45 AGF Elements Yield Portfolio	F	0.30%	1.54%	0.14	-0.19%	0.96	0.7493	0.7704	0.8409	0.6489	2.1%	3.7%	2.6%	3.5%	2.03
46 Franklin Quotential Diversified Income Portfolio T	F	0.27%	1.39%	0.14	-0.18%	0.91	0.8153	0.7750	0.7886	0.7213	1.6%	5.8%	3.4%	3.2%	1.97
47 CI Portfolio Series Income Fund Class A	F	0.29%	1.54%	0.14	-0.21%	0.99	0.7803	0.7657	0.8106	0.6949	1.6%	2.9%	2.8%	3.4%	2.01
48 BMO SelectClass Income Portfolio Series A	F	0.27%	1.48%	0.13	-0.22%	0.99	0.7842	0.7859	0.7817	0.7599	1.4%	4.9%	3.3%	3.2%	2.33
49 Renaissance Optimal Income Portfolio	F	0.32%	1.86%	0.13	-0.18%	1.11	0.8946	0.7428	0.8231	0.6230	3.3%	3.3%	2.9%	3.8%	1.98
50 Invesco Intactive Diversified Income Portfolio	F	0.34%	2.11%	0.13	-0.29%	1.26	0.9102	0.7668	0.8386	0.5929	2.9%	4.0%	3.2%	3.9%	1.98
51 Desjardins Melodia Conservative Income Portfolio	F	0.28%	1.63%	0.12	-0.24%	1.02	0.8595	0.7378	0.8071	0.6895	2.0%	2.9%	2.6%	3.2%	1.96
52 Desjardins Melodia Very Conservative Income Port	F	0.26%	1.51%	0.12	-0.22%	0.95	0.8232	0.6881	0.7672	0.7401	1.9%	3.7%	2.8%	3.0%	1.91
53 Counsel Conservative Portfolio	F	0.26%	1.63%	0.11	-0.26%	1.04	0.8320	0.8464	0.8851	0.5986	2.7%	3.8%	2.4%	3.0%	2.41
54 TD Target Return Conservative Fund	F	0.27%	1.75%	0.11	-0.21%	0.96	0.8789	0.7012	0.7283	0.5531	1.4%	4.6%	2.6%	3.1%	1.70
Category Average		0.32%	1.54%	0.16	-0.12%	0.94	0.8384	0.7757	0.7972	0.6845	2.0%	5.0%	3.7%	3.8%	1.86

Balanced Portfolios

Typical Asset Mix: 40% - 60% Fixed Income / 40% - 60% Equity

1 PH&N Balanced Fund Series D	B	0.69%	2.29%	0.27	0.20%	0.82	0.9119	0.8879	0.8516	0.5144	4.7%	12.3%	7.9%	8.2%	0.88
2 Scotia Partners Balanced Growth Portfolio	C	0.48%	2.09%	0.19	0.08%	0.61	0.9002	0.8857	0.8838	0.5370	3.5%	6.1%	5.0%	5.6%	2.25
3 Mawer Balanced Fund Class A	D	0.62%	2.06%	0.26	0.01%	0.87	0.7985	0.9103	0.8585	0.5802	3.2%	9.0%	7.3%	7.4%	0.91
4 DynamicEdge Balanced Growth Class Portfolio	D	0.61%	2.45%	0.22	-0.09%	1.00	0.8226	0.8869	0.8402	0.5077	3.7%	13.7%	7.5%	7.2%	2.29
5 Compass Balanced Portfolio	D	0.53%	2.20%	0.21	-0.07%	0.87	0.9411	0.8697	0.8723	0.4053	4.4%	9.2%	5.8%	6.3%	1.90
6 Marquis Balanced Portfolio	D	0.47%	1.99%	0.20	-0.09%	0.81	0.8619	0.8795	0.8521	0.5412	2.4%	7.8%	6.2%	5.6%	2.39
7 National Bank Moderate Diversified	D	0.46%	2.06%	0.19	-0.09%	1.21	0.8843	0.8461	0.8093	0.6211	3.0%	7.8%	6.0%	5.4%	2.21
8 National Bank Moderate Strategic Portfolio	D	0.46%	2.09%	0.18	-0.08%	1.17	0.8959	0.8932	0.8766	0.5313	3.2%	6.3%	4.8%	5.3%	2.07
9 Axiom Balanced Income Portfolio	D	0.42%	1.95%	0.18	-0.13%	1.20	0.8966	0.8068	0.8289	0.6622	2.9%	6.4%	4.6%	4.9%	2.04
10 National Bank Income and Growth Managed Portfolio	D	0.47%	2.26%	0.17	-0.10%	1.23	0.9418	0.8508	0.8453	0.4367	3.2%	6.0%	4.5%	5.4%	0.00
11 NEI Select Growth & Income RS Portfolio Series A	D	0.47%	2.30%	0.17	0.00%	0.80	0.8946	0.9157	0.8880	0.4674	4.1%	6.1%	5.1%	5.5%	2.39
12 Desjardins Melodia Moderate Income Portfolio	D	0.30%	1.81%	0.12	-0.19%	0.69	0.8913	0.7844	0.8451	0.6262	2.4%	2.3%	2.4%	3.4%	2.09
13 DynamicEdge Balanced Growth Portfolio	F	0.60%	2.44%	0.21	-0.10%	1.00	0.8264	0.8902	0.8448	0.5088	3.8%	13.8%	7.3%	7.0%	2.33
14 DynamicEdge Balanced Portfolio	F	0.49%	1.99%	0.21	-0.08%	0.82	0.8271	0.8779	0.8461	0.5585	3.0%	9.8%	5.9%	5.7%	2.22
15 DynamicEdge Balanced Class Portfolio	F	0.48%	1.97%	0.21	-0.08%	0.80	0.8316	0.8769	0.8453	0.5596	2.9%	9.5%	5.9%	5.7%	2.18
16 Scotia Selected Balanced Growth	F	0.49%	2.04%	0.20	-0.11%	0.85	0.8919	0.8962	0.8848	0.5302	3.2%	8.0%	5.4%	5.8%	1.99
17 Marquis Balanced Growth Portfolio	F	0.54%	2.40%	0.19	-0.15%	0.98	0.8628	0.9029	0.8609	0.4724	3.1%	8.3%	6.8%	6.3%	2.42
18 TD Mgd Index Income & Moderate Growth Portfolio	F	0.44%	1.88%	0.19	-0.11%	0.79	0.8643	0.8837	0.8534	0.6379	2.3%	6.4%	5.1%	5.2%	1.54
19 National Bank Balanced Diversified	F	0.54%	2.42%	0.19	-0.15%	0.98	0.8863	0.8827	0.8449	0.5475	3.8%	8.8%	6.5%	6.3%	2.50
20 TD Mgd Index Balanced Growth Portfolio	F	0.51%	2.29%	0.19	-0.16%	0.97	0.8914	0.9170	0.8885	0.5329	3.0%	6.8%	5.6%	6.0%	1.60
21 Desjardins Chorus II Growth Fund	F	0.52%	2.38%	0.19	-0.16%	0.98	0.8924	0.8800	0.8827	0.5398	4.0%	10.0%	5.5%	6.1%	2.01
22 Desjardins Melodia Diversified Growth Portfolio	F	0.47%	2.13%	0.19	-0.13%	0.87	0.8856	0.8475	0.8792	0.5867	3.9%	8.5%	5.3%	5.5%	2.22
23 Desjardins Melodia Balanced Growth Portfolio	F	0.52%	2.39%	0.19	-0.17%	0.98	0.8913	0.8719	0.8932	0.5358	4.4%	9.1%	5.6%	6.1%	2.31

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24 BMO Balanced ETF Portfolio Class	F	0.48%	2.21%	0.18	-0.16%	0.92	0.9066	0.8954	0.8817	0.4994	3.1%	6.2%	4.9%	5.6%	1.72
25 National Bank Balanced Strategic Portfolio	F	0.49%	2.35%	0.18	-0.18%	0.97	0.8902	0.9014	0.8754	0.5089	3.8%	8.2%	5.4%	5.8%	2.24
26 CIBC Managed Balanced Portfolio	F	0.44%	2.03%	0.18	-0.15%	0.84	0.8876	0.8866	0.8921	0.5559	3.1%	6.5%	5.0%	5.1%	2.25
27 Manulife Simplicity Global Balanced Portfolio	F	0.47%	2.24%	0.18	-0.18%	0.93	0.8730	0.9037	0.8900	0.4614	3.9%	8.9%	5.1%	5.5%	2.29
28 Desjardins Melodia Moderate Growth Portfolio	F	0.40%	1.87%	0.18	-0.12%	0.75	0.8651	0.8150	0.8533	0.6551	3.0%	7.1%	4.6%	4.7%	2.15
29 Manulife Simplicity Balanced Fund	F	0.46%	2.21%	0.18	-0.18%	0.92	0.8885	0.9058	0.8789	0.4765	3.5%	8.2%	4.8%	5.4%	2.27
30 Fidelity Balanced Portfolio	F	0.48%	2.36%	0.17	-0.19%	0.96	0.8711	0.8578	0.8547	0.6182	4.4%	9.0%	5.9%	5.6%	2.43
31 RBC Select Choices Conservative Portfolio	F	0.38%	1.77%	0.17	-0.10%	1.05	0.9117	0.8417	0.8608	0.5956	3.2%	5.6%	4.3%	4.4%	1.96
32 Sun Life Granite Balanced Portfolio A (CAD)	F	0.49%	2.45%	0.17	-0.23%	1.02	0.8945	0.9060	0.9094	0.4738	4.0%	5.2%	4.8%	5.6%	2.30
33 CC&L Diversified Income Portfolio	F	0.38%	1.84%	0.16	-0.15%	0.75	0.8604	0.8721	0.8357	0.6240	2.2%	4.8%	4.2%	4.4%	2.11
34 RBC Select Choices Balanced Portfolio	F	0.47%	2.38%	0.16	-0.20%	0.96	0.9280	0.8765	0.8942	0.4517	5.0%	5.6%	4.5%	5.4%	2.16
35 BMO FundSelect Balanced Portfolio Series A	F	0.45%	2.30%	0.16	-0.22%	0.96	0.8882	0.9143	0.8957	0.4872	3.8%	6.6%	4.8%	5.2%	2.59
36 Quadrus Balanced Folio	F	0.42%	2.11%	0.16	-0.19%	0.88	0.9091	0.8999	0.8917	0.4800	3.5%	5.9%	4.3%	4.9%	2.44
37 Scotia INNOVA Balanced Income Portfolio	F	0.33%	1.60%	0.16	-0.14%	0.67	0.8710	0.9054	0.8789	0.5548	2.2%	3.8%	3.3%	3.9%	2.07
38 TD Mgd Inc & Mod Growth Portfolio	F	0.37%	1.89%	0.16	-0.18%	0.79	0.8695	0.8864	0.8749	0.5913	1.9%	5.2%	4.2%	4.4%	2.04
39 TD Mgd Income & Moderate Growth Portfolio	F	0.37%	1.89%	0.16	-0.18%	0.79	0.8695	0.8864	0.8749	0.5913	1.9%	5.2%	4.2%	4.4%	2.04
40 TD Comfort Balanced Portfolio	F	0.37%	1.90%	0.16	-0.16%	0.76	0.9151	0.8518	0.8611	0.5632	2.5%	4.1%	3.7%	4.4%	1.93
41 Scotia INNOVA Balanced Income Portfolio	F	0.30%	1.44%	0.15	-0.09%	0.84	0.8672	0.8694	0.8585	0.6178	2.0%	3.4%	3.1%	3.5%	1.97
42 TD Comfort Balanced Growth Portfolio	F	0.41%	2.19%	0.15	-0.22%	0.89	0.9227	0.8748	0.8759	0.5117	3.1%	3.7%	3.7%	4.7%	2.02
43 BMO SelectTrust Balanced Portfolio	F	0.42%	2.27%	0.15	-0.24%	0.94	0.8933	0.9026	0.8987	0.4903	3.0%	4.7%	3.6%	4.8%	2.20
44 Meritage Growth Portfolio	F	0.47%	2.65%	0.15	-0.10%	0.97	0.9553	0.8554	0.8719	0.4466	5.5%	6.6%	4.6%	5.4%	2.33
45 Meritage Balanced Portfolio	F	0.42%	2.30%	0.15	-0.08%	0.85	0.9504	0.8354	0.8576	0.5154	4.2%	5.6%	4.1%	4.8%	2.31
46 Desjardins Chorus II Balanced Growth Fund	F	0.36%	1.93%	0.15	-0.19%	0.79	0.8840	0.8619	0.8870	0.5782	2.5%	3.5%	3.2%	4.2%	1.88
47 TD Advantage Balanced Portfolio	F	0.37%	2.03%	0.14	-0.21%	0.82	0.8934	0.8605	0.8586	0.5960	3.1%	4.5%	4.1%	4.3%	2.10
48 SEI Balanced 60/40 Class S	F	0.42%	2.38%	0.14	-0.26%	0.98	0.9211	0.8849	0.9059	0.4727	4.1%	4.6%	3.7%	4.8%	1.78
49 TD Mgd Balanced Growth Portfolio	F	0.41%	2.37%	0.14	-0.28%	0.99	0.8880	0.9119	0.8978	0.5046	3.1%	5.2%	4.3%	4.7%	2.18
50 Axiom Diversified Monthly Income Portfolio	F	0.43%	2.51%	0.14	-0.13%	0.95	0.9708	0.7727	0.8000	0.5275	3.4%	3.5%	3.7%	4.9%	2.14
51 BMO SelectClass Balanced Portfolio Series A	F	0.40%	2.28%	0.14	-0.27%	0.95	0.8874	0.9043	0.8941	0.4928	2.8%	4.6%	3.5%	4.5%	2.50
52 Scotia INNOVA Balanced Growth Portfolio	F	0.36%	2.00%	0.14	-0.23%	0.84	0.8860	0.9110	0.9021	0.5007	3.0%	3.2%	3.2%	4.1%	2.09
53 Renaissance Optimal Growth & Income Portfolio	F	0.38%	2.21%	0.14	-0.21%	0.86	0.9265	0.8267	0.8538	0.5123	4.0%	1.7%	2.9%	4.4%	2.03
54 SEI Income 40/60 Class S	F	0.30%	1.61%	0.14	-0.13%	0.95	0.8777	0.8479	0.8666	0.6125	1.7%	1.0%	2.7%	3.5%	1.61
55 TD Advantage Balanced Growth Portfolio	F	0.41%	2.40%	0.14	-0.28%	0.98	0.9154	0.8902	0.8862	0.4945	3.9%	4.1%	4.1%	4.7%	2.20
56 AGF Elements Balanced Portfolio	F	0.38%	2.19%	0.14	-0.26%	0.92	0.8441	0.9201	0.9057	0.4528	3.3%	6.6%	3.1%	4.4%	2.44
57 Meritage Balanced Income Portfolio	F	0.38%	2.22%	0.14	-0.10%	0.82	0.9574	0.8245	0.8601	0.4767	4.1%	2.4%	3.2%	4.4%	2.33
58 BMO Matchmaker Strategic Balanced Portfolio	F	0.36%	2.08%	0.14	-0.23%	0.84	0.9040	0.8756	0.8733	0.5146	2.5%	3.4%	3.0%	4.2%	0.00
59 Manulife Strategic Balanced Yield Portfolio	F	0.46%	2.79%	0.14	-0.26%	1.02	0.8968	0.8582	0.7885	0.2484	3.9%	3.0%	3.1%	5.1%	2.27
60 Meritage Growth Income Portfolio	F	0.42%	2.56%	0.14	-0.13%	0.93	0.9591	0.8306	0.8691	0.3943	5.3%	1.3%	3.1%	4.8%	2.35
61 CI Portfolio Series Conservative Fund Class A	F	0.32%	1.85%	0.13	-0.19%	0.74	0.8358	0.8286	0.8511	0.6415	2.0%	4.3%	3.6%	3.8%	2.33
62 Symmetry Moderate Growth Portfolio	F	0.37%	2.23%	0.13	-0.28%	0.93	0.8759	0.9262	0.8921	0.4473	2.4%	6.1%	3.4%	4.3%	2.27
63 Franklin Quotential Balanced Income Portfolio A	F	0.31%	1.79%	0.13	-0.20%	0.74	0.8727	0.8710	0.8726	0.5803	2.2%	6.2%	3.6%	3.6%	2.11
64 TD Target Return Balanced Fund	F	0.37%	2.25%	0.13	-0.17%	0.78	0.9034	0.7470	0.7459	0.4236	2.0%	7.1%	4.1%	4.3%	2.22
65 CI Portfolio Series Conservative Balanced Fnd CI A	F	0.35%	2.10%	0.13	-0.24%	0.85	0.8838	0.8654	0.8788	0.5514	2.6%	4.4%	3.6%	4.0%	2.46
66 Symmetry Balanced Portfolio	F	0.34%	2.01%	0.13	-0.24%	0.83	0.9014	0.8914	0.8812	0.5087	2.2%	4.3%	3.3%	3.9%	2.28

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Paterson & Associates - Monthly WRAP Fund Report

November 2020

Name	Rating	Average Monthly Return	Monthly Standard Deviation	Sharpe Ratio	Alpha	Beta	Correlations				Returns				
							TSX	S&P 500	MSCI EAFE	Cdn. Universe Bond	3 Month	1 Year	3 Year	5 Year	MER
67 Franklin Quotential Balanced Growth Portfolio A	F	0.36%	2.28%	0.12	-0.27%	0.80	0.8892	0.9120	0.8967	0.4669	2.9%	6.7%	3.8%	4.1%	2.31
68 AGF Elements Conservative Portfolio	F	0.29%	1.77%	0.12	-0.22%	0.73	0.7976	0.8695	0.8798	0.5718	2.2%	5.0%	2.4%	3.3%	2.43
69 Desjardins Melodia Diversified Income Portfolio	F	0.34%	2.16%	0.12	-0.26%	0.85	0.9167	0.8310	0.8755	0.5305	2.9%	0.8%	2.0%	3.8%	2.24
70 Invesco Intactive Balanced Income Portfolio Ser A	F	0.34%	2.24%	0.12	-0.25%	0.85	0.9232	0.7855	0.8538	0.5531	3.1%	3.8%	3.0%	3.9%	2.16
71 CIBC Managed Monthly Income Balanced Portfolio	F	0.31%	2.03%	0.12	-0.14%	0.76	0.9592	0.7999	0.8411	0.5279	2.8%	2.8%	2.7%	3.6%	2.22
72 Scotia Global Balanced	F	0.34%	2.23%	0.12	-0.28%	0.88	0.7735	0.8578	0.8706	0.4719	2.2%	1.6%	3.4%	3.8%	2.01
73 Invesco Intactive Balanced Growth Portfolio Ser A	F	0.37%	2.66%	0.11	-0.34%	1.01	0.9455	0.8102	0.8747	0.4586	3.6%	2.9%	2.5%	4.1%	2.28
74 Counsel Balanced Portfolio	F	0.31%	2.14%	0.11	-0.30%	0.88	0.8690	0.8794	0.9208	0.4832	4.2%	3.8%	2.4%	3.5%	2.45
75 IPC ESG Balanced Essentials Portfolio A	F	0.24%	2.45%	0.07	-0.39%	0.91	0.9470	0.8030	0.8850	0.3962	3.5%	-1.5%	0.5%	2.6%	2.35
76 Counsel Managed High Yield Portfolio	F	0.16%	1.62%	0.05	-0.26%	0.59	0.8200	0.7574	0.8124	0.5423	2.4%	-1.1%	-0.4%	1.7%	2.50

Category Average		0.42%	2.15%	0.16	-0.17%	0.89	0.8895	0.8672	0.8674	0.5230	3.2%	5.7%	4.3%	4.9%	2.09
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Growth Portfolios

Typical Asset Mix: 10% - 30% Fixed Income / 70% - 90% Equity

1 Dynamic Diversified Real Asset Fund	B	0.61%	3.00%	0.18	0.15%	0.71	0.7224	0.3356	0.4480	0.5155	1.6%	5.2%	4.6%	7.0%	2.43
2 DynamicEdge Growth Portfolio	D	0.71%	2.84%	0.22	-0.14%	1.68	0.8124	0.8964	0.8414	0.4750	4.2%	16.1%	8.6%	8.3%	2.38
3 DynamicEdge Growth Class Portfolio	D	0.70%	2.84%	0.22	-0.14%	1.68	0.8111	0.8957	0.8406	0.4761	4.0%	15.8%	8.4%	8.2%	2.38
4 Fidelity Global Growth Portfolio	D	0.68%	2.96%	0.20	-0.14%	1.05	0.8313	0.9244	0.8848	0.5144	4.8%	11.9%	8.0%	7.9%	2.49
5 Fidelity Growth Portfolio	D	0.66%	2.97%	0.20	-0.14%	1.02	0.8982	0.8933	0.8653	0.5317	5.3%	12.6%	8.0%	7.6%	2.46
6 Sun Life Granite Growth Portfolio Series A	D	0.53%	2.72%	0.17	-0.28%	1.61	0.8877	0.9171	0.9136	0.4435	4.5%	5.4%	5.1%	6.1%	2.36
7 Axiom Long-Term Growth Portfolio	D	0.53%	3.11%	0.14	-0.10%	0.96	0.9635	0.8260	0.8638	0.4684	4.5%	5.6%	4.2%	5.9%	2.25
8 Renaissance Optimal Inflation Opportunities Portfolio	D	0.31%	1.65%	0.14	-0.06%	0.53	0.7548	0.6252	0.6978	0.5810	1.4%	7.8%	3.6%	3.6%	2.18
9 Axiom Foreign Growth Portfolio	F	0.70%	3.25%	0.19	-0.20%	1.15	0.7817	0.9254	0.9247	0.4100	6.5%	13.0%	7.6%	8.1%	2.30
10 Scotia Partners Growth Portfolio	F	0.54%	2.53%	0.18	-0.14%	0.88	0.8995	0.9056	0.8983	0.4664	4.1%	6.6%	5.2%	6.3%	2.34
11 TD Mgd Index Aggressive Growth Portfolio	F	0.60%	2.85%	0.18	-0.19%	1.01	0.9053	0.9324	0.9043	0.4305	3.9%	7.2%	6.1%	7.0%	1.64
12 Desjardins Melodia Aggressive Growth Portfolio	F	0.58%	2.76%	0.18	-0.17%	0.95	0.8943	0.8933	0.9017	0.4766	4.9%	9.1%	5.8%	6.7%	2.47
13 Desjardins Melodia Maximum Growth Portfolio	F	0.63%	3.03%	0.18	-0.20%	1.05	0.8934	0.9028	0.9044	0.4428	5.4%	9.7%	6.2%	7.2%	2.50
14 CIBC Managed Balanced Growth Portfolio	F	0.53%	2.49%	0.18	-0.15%	0.86	0.8793	0.8960	0.9035	0.5269	4.1%	6.9%	5.4%	6.1%	2.46
15 Desjardins Chorus II High Growth Fund	F	0.57%	2.75%	0.18	-0.18%	0.96	0.8929	0.8986	0.8956	0.4828	4.8%	10.5%	5.7%	6.6%	2.22
16 Axiom Global Growth Portfolio	F	0.62%	3.03%	0.18	-0.21%	1.06	0.8694	0.9063	0.9219	0.4554	5.5%	10.1%	6.2%	7.1%	2.30
17 Fidelity Global Balanced Portfolio	F	0.50%	2.38%	0.18	-0.14%	0.82	0.7975	0.8820	0.8709	0.6035	4.1%	8.6%	5.9%	5.8%	2.45
18 Marquis Growth Portfolio	F	0.58%	2.87%	0.18	-0.19%	0.99	0.8724	0.9066	0.8699	0.4401	3.8%	7.8%	6.8%	6.7%	2.41
19 Manulife Simplicity Growth Portfolio	F	0.54%	2.72%	0.17	-0.20%	0.95	0.8887	0.9146	0.8901	0.4001	4.9%	9.7%	5.5%	6.2%	2.35
20 BMO FundSelect Growth Portfolio Series A	F	0.56%	2.94%	0.16	-0.25%	1.03	0.8867	0.9302	0.8991	0.3975	5.3%	7.9%	5.4%	6.3%	2.69
21 Sun Life Granite Balanced Growth Port A (CAD)	F	0.44%	2.25%	0.16	-0.17%	0.78	0.8854	0.8994	0.9077	0.5037	3.5%	5.0%	4.4%	5.1%	2.26
22 Sun Life Granite Moderate Portfolio Series A	F	0.38%	1.97%	0.16	-0.19%	0.81	0.8913	0.8738	0.8972	0.5495	2.9%	4.1%	3.7%	4.4%	2.21
23 Quadrus Advanced Folio	F	0.47%	2.78%	0.14	-0.28%	0.96	0.9268	0.9007	0.8971	0.3891	4.7%	6.4%	4.0%	5.3%	2.49
24 TD Mgd Aggressive Growth Portfolio	F	0.46%	2.76%	0.14	-0.30%	0.97	0.8931	0.9231	0.9131	0.4279	3.8%	4.6%	4.3%	5.2%	2.27
25 Meritage Equity Income Portfolio	F	0.46%	2.85%	0.13	-0.10%	0.86	0.9513	0.8360	0.8744	0.3366	6.1%	0.8%	3.2%	5.1%	2.36
26 SEI Growth 80/20 Class S	F	0.47%	2.94%	0.13	-0.32%	1.01	0.9206	0.8977	0.9176	0.3795	5.3%	4.1%	3.6%	5.3%	1.85

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							TSX	S&P 500	MSCI EAFE	Cdn. Universe Bond	3 Month	1 Year	3 Year	5 Year	MER
27 BMO SelectClass Growth Portfolio Series A	F	0.46%	2.91%	0.13	-0.34%	1.01	0.8986	0.9189	0.9037	0.4096	3.6%	4.2%	3.7%	5.1%	2.61
28 AGF Elements Growth Portfolio	F	0.44%	2.76%	0.13	-0.33%	0.98	0.8047	0.9443	0.9046	0.3731	4.3%	6.9%	3.5%	4.9%	2.45
29 CI Portfolio Series Growth Fund Class A	F	0.48%	3.14%	0.13	-0.35%	1.05	0.9243	0.8831	0.8885	0.3976	4.4%	5.7%	4.2%	5.2%	2.44
30 CI Portfolio Series Balanced Fund Class A	F	0.38%	2.41%	0.13	-0.26%	0.82	0.9024	0.8832	0.8929	0.4842	3.3%	4.3%	3.5%	4.3%	2.44
31 CI Portfolio Series Balanced Growth Fund Class A	F	0.43%	2.84%	0.13	-0.32%	0.96	0.9142	0.8831	0.8930	0.4366	3.9%	5.1%	3.6%	4.8%	2.44
32 BMO Matchmaker Strategic Growth Portfolio	F	0.42%	2.79%	0.12	-0.32%	0.94	0.9126	0.8859	0.8901	0.4350	3.5%	3.5%	2.8%	4.7%	0.00
33 Symmetry Growth Portfolio	F	0.40%	2.73%	0.12	-0.35%	0.96	0.8772	0.9335	0.8986	0.3873	3.0%	6.4%	3.2%	4.5%	2.45
34 Axiom Canadian Growth Portfolio	F	0.46%	3.31%	0.12	-0.22%	1.05	0.9845	0.7492	0.7878	0.4537	3.6%	2.5%	3.0%	5.0%	2.25
35 Franklin Quotential Growth Portfolio A	F	0.40%	2.80%	0.12	-0.37%	0.99	0.8863	0.9314	0.9012	0.3904	3.5%	7.1%	4.1%	4.4%	2.43
36 Invesco Intactive Growth Portfolio Series A	F	0.40%	3.11%	0.10	-0.38%	0.99	0.9513	0.8217	0.8838	0.3697	4.3%	2.2%	2.1%	4.3%	2.35
37 Counsel Growth Portfolio	F	0.35%	2.70%	0.10	-0.42%	1.55	0.8821	0.8866	0.9273	0.4080	5.7%	3.9%	2.3%	3.9%	2.61
Category Average		0.51%	2.78%	0.16	-0.22%	1.02	0.8797	0.8719	0.8735	0.4505	4.2%	7.1%	4.9%	5.8%	2.30

Aggressive Growth Portfolios

Typical Asset Mix: 0% - 20% Fixed Income / 80% - 100% Equity

1 DynamicEdge Equity Class Portfolio	C	0.84%	3.34%	0.23	0.03%	0.88	0.8012	0.9028	0.8380	0.4377	4.7%	18.7%	10.0%	9.9%	2.37
2 DynamicEdge Equity Portfolio	C	0.83%	3.34%	0.23	0.02%	0.88	0.8021	0.9038	0.8404	0.4398	4.9%	18.8%	9.9%	9.7%	2.40
3 Quadrus Aggressive Folio	D	0.53%	3.35%	0.14	-0.04%	0.77	0.9280	0.9009	0.8959	0.3392	5.2%	6.1%	4.2%	5.9%	2.47
4 TD U.S. Equity Portfolio	F	0.97%	4.02%	0.22	-0.21%	1.06	0.7590	0.9811	0.8129	0.3734	3.6%	13.0%	11.6%	11.2%	2.16
5 CIBC Managed Aggressive Growth Portfolio	F	0.64%	3.07%	0.18	-0.14%	0.84	0.8664	0.9244	0.9156	0.4521	5.3%	8.2%	6.4%	7.3%	2.48
6 BMO Equity Growth ETF Portfolio Fund	F	0.65%	3.16%	0.18	-0.15%	0.87	0.8887	0.9274	0.8996	0.3389	4.9%	7.6%	5.9%	7.4%	1.77
7 Axiom All Equity Portfolio	F	0.73%	3.64%	0.18	-0.19%	0.99	0.8689	0.9126	0.9220	0.3959	6.8%	11.3%	6.7%	8.2%	2.43
8 TD Mgd Index Max Eqty Growth Portfolio	F	0.69%	3.47%	0.18	-0.19%	0.96	0.9063	0.9347	0.9106	0.3620	4.8%	7.3%	6.5%	7.9%	1.68
9 Scotia Partners Maximum Growth Portfolio	F	0.59%	2.94%	0.17	-0.21%	1.02	0.8999	0.9152	0.8996	0.4247	4.7%	6.9%	5.4%	6.7%	2.45
10 Desjardins Chorus II Maximum Growth Fund	F	0.60%	3.02%	0.17	-0.23%	1.05	0.8914	0.9071	0.8984	0.4512	5.0%	10.1%	5.7%	6.8%	2.27
11 Marquis Equity Portfolio	F	0.65%	3.41%	0.17	-0.19%	0.91	0.8696	0.9089	0.8715	0.4034	4.5%	8.2%	7.3%	7.3%	2.45
12 BMO FundSelect Equity Growth Portfolio Series A	F	0.64%	3.48%	0.16	-0.24%	0.95	0.8716	0.9363	0.9006	0.3510	6.3%	8.7%	5.9%	7.2%	2.85
13 Franklin Quotential Global Growth Portfolio A	F	0.53%	3.22%	0.14	-0.30%	0.90	0.8286	0.9487	0.8871	0.3282	4.2%	11.3%	6.2%	5.9%	2.61
14 TD Mgd Max Equity Growth Portfolio	F	0.50%	3.10%	0.14	-0.29%	0.85	0.8882	0.9357	0.9134	0.3779	4.4%	5.1%	4.6%	5.6%	2.42
15 AGF Elements Global Portfolio	F	0.51%	3.21%	0.13	-0.32%	0.89	0.7698	0.9545	0.8895	0.3249	5.1%	8.5%	4.1%	5.6%	2.62
16 SEI Growth 100 Class S	F	0.53%	3.47%	0.13	-0.34%	0.94	0.9140	0.9031	0.9183	0.3274	6.3%	4.1%	3.7%	5.8%	1.87
17 BMO SelectClass Equity Growth Portfolio Series A	F	0.51%	3.33%	0.13	-0.33%	0.91	0.8826	0.9265	0.9114	0.3617	4.4%	4.3%	3.6%	5.6%	2.70
18 CI Portfolio Series Maximum Growth Fund Class A	F	0.53%	3.55%	0.13	-0.32%	0.93	0.9232	0.8897	0.8887	0.3503	5.1%	6.2%	4.4%	5.8%	2.43
19 Symmetry Equity Portfolio	F	0.45%	3.44%	0.11	-0.43%	0.95	0.8473	0.9422	0.8825	0.3329	3.6%	7.1%	3.0%	4.7%	2.49
20 Invesco Intactive Maximum Growth Portfolio Ser A	F	0.44%	3.66%	0.10	-0.40%	0.92	0.9518	0.8282	0.8862	0.3043	5.4%	1.3%	1.9%	4.6%	2.44
21 Counsel All Equity Portfolio	F	0.40%	3.27%	0.10	-0.40%	0.87	0.8852	0.8864	0.9277	0.3584	7.2%	3.8%	2.2%	4.2%	2.72
Category Average		0.61%	3.36%	0.16	-0.23%	0.92	0.8688	0.9176	0.8909	0.3731	5.1%	8.4%	5.7%	6.8%	2.39

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Paterson & Associates—Monthly WRAP Fund Report

Methodology & Ratings Definitions

November 2020

Methodology:

Fund Ratings which are highlighted in Green indicate an upgraded rating from the previous month. Fund Ratings highlighted in Red indicate a downgraded rating from the previous month. Only funds with greater than 36 months of data are eligible to receive a rating.

The period under review is the most recent 60 month period, or the inception date of the fund, whichever is shorter.

To determine our rankings, fund returns are scored on six key risk reward metrics. The scores are totaled and a rating assigned based on the results.

Fund Score	Rating
More than 80%	A
65% to 80%	B
55% to 65%	C
40% to 55%	D
Below 40%	F

The metrics are:

Alpha – This is the excess return that a manager has been able to generate. The higher the Alpha, the higher the score.

Sharpe Ratio – This is a measure of risk adjusted performance. It measures how much return an investment has delivered for each unit of risk assumed. The higher the Sharpe Ratio, the more return the investment has delivered for each unit of risk.

Standard Deviation – this is a measure of volatility or risk. It measures the fluctuation that an investment has exhibited. The higher the standard deviation, the more fluctuation the fund has shown, so the lower the score it receives in the ratings model

Information Ratio – is a measure of how consistently a manager has outperformed its benchmark. It is basically the Sharpe Ratio of the monthly excess returns. Like with the Sharpe Ratio, the higher the better.

Batting Average – this is another measure of how consistently the fund has outperformed. While the information ratio will factor in the level of outperformance, batting average is a measure of how frequently. It's like the win/loss percentage in baseball. A batting average of 500 means it has outperformed as often as it has underperformed. The model favours funds that win more than they lose. The higher the batting average, the better the score.

R-Squared – This is a statistical measure that shows how much of the return of an investment are the result of the benchmark. The higher the R-Square, the more the fund behaves like the benchmark. And as we know, if you want to beat the benchmark, you can't be the benchmark. The model favours those funds that have a lower R-Squared.

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Disclaimer

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Information is from sources believed to be reliable. Every effort is made to ensure its accuracy, however, we cannot be responsible for inaccuracies or omissions in any of the data. Information used in this analysis is historic in nature. Past performance is no guarantee of future performance.

Monthly Standard Deviation is the most recent 60 month historical standard deviation of returns.

Sharpe Ratio is a measure of risk adjusted returns. The higher the ratio, the better the manager has been at delivering more return for less risk.

Alpha represents the excess return which the manager has been able to deliver over and above the applicable benchmark.

Beta represents the volatility of the fund relative to its applicable benchmark. A beta of one means that there is a level of volatility equal that of the benchmark. A beta in excess of one indicates that the volatility is greater than the benchmark, while a beta of less than one indicates that volatility is less than the benchmark.

Correlation measures the similarity in return patterns between the fund and a benchmark. The correlation will range between -1 and $+1$. A correlation close to $+1$ indicates that the fund and the index have very similar return patterns. A correlation close to -1 indicates that the returns are almost opposite, while a correlation close to zero indicates no relationship.

Historic returns are calculated using the monthly return data in our database. Slight variations in return results will be attributable to decimal rounding and number truncation. Past performance does not guarantee future performance. This publication does not constitute an offer to sell or the solicitation of an offer to buy any securities. The information provided in this publication is not intended to constitute legal, accounting, financial, tax or investment advice. Many factors unknown to us may affect the applicability of any statement or comment found in this report to your particular circumstances. Those seeking specific investment advice should consider a qualified investment professional.

About Us:

Paterson & Associates is an independent consulting firm specializing in providing research and due diligence on a number of different investment products including mutual funds, hedge funds and other exempt market products.

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