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# Index Versus Active Funds Scorecard For Canadian Funds

☐ The Standard & Poor's Indices Versus Active Funds (SPIVA) Scorecard

# Standard & Poor's Indices Versus Active Funds Scorecard for Q1 2008

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reports performance of actively managed Canadian mutual funds corrected for survivorship bias and shows equal and asset weighted peer averages.
□ <b>Domestic Equities:</b> For the first quarter of 2008 only 8.2% of Canadian Equity active managers were able to outperform the S&P/TSX Composite Index. Active managers in the Canadian Focused Equity category fared better with 46.3% beating the blended S&P/TSX Composite benchmark (comprised of 50% S&P/TSX Composite + 25% S&P 500 + 25% S&P/Citigroup EPAC PMI). In the Canadian Small/Mid Cap Equity category only 24.1% of active managers outpaced the S&P/TSX Completion Index.
Over the past twelve months, actively managed Canadian Equity, Canadian Focused Equity and Canadian Small/Mid Cap Equity equal weighted returns are lower than their benchmarks: the S&P/TSX Composite Index, the blended S&P/TSX Composite Index and the S&P/TSX Completion Index respectively. Equal weighted returns of the aforementioned indices exceeded active managers in these categories by 5.2%, 0.1% and 2.3% respectively.
One of the few areas where active managers have added over the past twelve months is the Canadian Dividend & Income Equity category. Equal weighted and asset weighted returns of active managers exceeding their benchmarks by 4.5% and 3.5% in the last twelve month period. However, this trend reverses in the longer three- year and five-year periods.
☐ Foreign Equities: In Q1 2008, 31.8% of active managers in the

International Equity category, 41.4% in the Global Equity category, and 35.6% in the U.S. Equity category have outpaced S&P/Citigroup EPAC PMI, S&P/Citigroup World PMI and S&P 500 indices respectively.

#### Introduction

The SPIVA Scorecard goes beyond simple performance numbers of each fund category to report detailed apples-to-apples comparisons corrected for survivorship bias.

Equal weighted returns are a measure of average manager performance. Asset weighted returns are a measure of the performance of the average invested dollar.

The Standard & Poor's Indices Versus Active Funds Canada (SPIVA Canada) Scorecard keeps quarterly tabs on the active-versus-index debate in Canada. It now includes additional categories of interest to Canadian investors. SPIVA Canada shows performances of actively managed Canadian mutual funds compared with Standard & Poor's indices in their respective categories. Although many such reports are available, the SPIVA Canada scorecard is unique in many respects:

- **Survivorship bias correction:** Many funds might be liquidated or merged during a period of study. However, for someone making an investment decision at the beginning of the period, these funds are part of the opportunity set. Unlike commonly available comparison reports, SPIVA removes this survivorship bias.
- Apples-to-apples comparison: Fund returns are often compared with a popular benchmark regardless of its investment category. An appropriate comparison would be to measure a fund's returns against the returns of a benchmark for that particular investment category. The SPIVA scorecard does this.
- Asset-weighted returns: Average returns for a fund group are often calculated using only equal weighting, which results in the returns of a \$10 billion fund affecting the average in the same manner as the returns of a \$10 million fund. Equal weighted returns are a measure of average fund performance. Asset weighted returns are a measure of the performance of the average invested dollar. The SPIVA scorecard shows both equal- and asset-weighted averages.

Quarterly SPIVA reports can be found online at www.spiva.standardandpoors.com.

SPIVA Canada does not make investment recommendations or offer comments on the suitability of either index or active investing. The scorecard simply reports quarterly numbers according to the SPIVA methodology and provides a brief analysis of the numbers. Further, we advise reading the methodology at the end of the report in order to understand how we derive the numbers.

# **Canadian Equity Funds**

Less than one-tenth of actively managed Canadian Equity funds have outperformed the S&P/TSX Composite Index in the past five years.

In the past five years, Report 1 shows, only 4.1% of actively managed funds in the Canadian Equity category<sup>1</sup> have outperformed the S&P/TSX Composite Index. We see a similar result for the three-year period, with only 8.4% of active managers exceeding the index return. For the five-year period, Reports 3 and 4 show that the average returns of active funds in this category, on both an equal- and asset-weighted basis, have been inferior to those of the S&P/TSX Composite Index. Also, for three- and one-year horizons, average returns in this category have lagged the Composite.

# **Canadian Small/Mid Cap Equity Funds**

The Canadian Small/Mid Cap Equity category is one where close to half of active fund managers are able to beat the index.

The Canadian Small/Mid Cap Equity category encompasses both the small-cap and mid cap categories. Report 1 indicates that in the past twelve months, 43.9% of actively managed Canadian Small/Mid Cap funds have outperformed the S&P/TSX Completion Index<sup>2</sup>. Equal and asset weighted average returns from Reports 3 and 4 show the S&P/TSX Completion Index has marginally exceeded active manager returns in the past twelve months.

# **Canadian Income Trust Equity Funds**

This category includes a limited number of funds; hence we do not include it in Report 1. Reports 3 and 4 indicate that in the three- and five-year periods, equal and asset-weighted average returns for this category underperformed the S&P/TSX Income Trust Index. Similary, active managers of income trust funds in the past 12 months lagged the S&P/TSX Income Trust Index on both an asset-weighted and equal-weighted basis.

In the last 12 months, 92.6% of active managers in the Canadian Dividend and Income Equity Funds category beat the S&P/TSX Canadian Dividend Aristocrats Index.

# Canadian Dividend & Income Equity Funds

These funds' mandate is to invest primarily in income-generating securities. Our comparable index is the S&P/TSX Canadian Dividend Aristocrats Index, which includes constituents that have followed a managed-dividends policy of consistently increasing dividends every year for at least seven years. When comparing fund returns in this category, 92.6% of active managers fared better than the index in the one-year period. In the three- and five-year periods, the indices outperformed almost all active managers in this space.

# **U.S. Equity Funds**

U.S. equity funds offer Canadian investors exposure to the U.S. equity market with Canadian dollar returns. In addition to equity risk, these funds carry currency risk. Report 1 shows that just 10.3% of funds in this category outperformed the S&P 500 Index (in Canadian dollar terms) in the past five years, while 13.4% and 37.4% beat the index in the three- and one-year

<sup>&</sup>lt;sup>1</sup> We use the Canadian Investment Funds Standard Committee's (CIFSC) fund categories for this report. Additional information regarding this organization and their categories can be found at www.cifsc.com.

<sup>&</sup>lt;sup>2</sup> The S&P/TSX Completion Index is composed of constituents of the S&P/TSX Composite Index that are not in the S&P/TSX 60 Index.

period, respectively. Equal and asset-weighted average returns for the funds in this category were worse than the benchmark in all periods.

# International Equity Funds

This category encompasses funds that invest most of their assets in developed countries other than Canada and the U.S. In addition to equity risk, these funds carry currency risk. Report 1 shows that only 18.2% of funds in this category outperformed the S&P/Citigroup EPAC Index (in Canadian dollars) in the last twelve months, with 17% and 13.1%, respectively, beating the index in the three- and five-year periods. Equal and asset-weighted average returns for the benchmark surpassed the active fund managers over all periods.

# **Global Equity Funds**

Global equity funds can invest in securities domiciled anywhere across the globe. In addition to equity risk, these funds carry currency risk. Reports 3 and 4 shows equal weighted and asset weighted returns in this category underperformed the benchmark in all periods. Report 1 shows that in the five-year period, only 11.9% of active funds outstripped the benchmark performance. However, in the last twelve months almost half of all active managers were able to beat the S&P/Citigroup World PMI Index.

# **Canadian Focused Equity Funds**

These funds have a large Canadian equity allocation but also include investments in equities outside Canada. Report 1 shows that the blended index of 50% S&P/TSX Composite + 25% S&P 500 + 25% S&P/Citigroup EPAC PMI outpaced less than 50% of active managers in the last twelve months. In the three and five-year periods 35.6% and 43.04% of active managers respectively, were able to outperform the blended index. Reports 3 and 4 indicate that the blended index outperformed active managers, on an equal and asset-weighted basis, in the one, three- and five-year periods.

# Survivorship

A key advantage of the SPIVA report is its correction for survivorship bias, which can skew results as funds merge or liquidate. For example, if there are 100 funds in the beginning of a five-year period and at the end of the period 20 have dropped out or merged leaving 80 left, then this would imply 80% survivorship.

Report 2 indicates that survivorship in the five-year period was 38.8%, 42%, 60.7%, and 42.2% for Canadian Equity, U.S. Equity, International Equity, and Global Equity funds, respectively. The corresponding survivorship figures in the three-year timeframe were 61.1%, 52.4%, 66.1% and 48.4%. In other words, a significant percentage of the funds in these four categories have been merged or liquidated in the past five years. The Canadian Dividend & Income Equity category has survivorship figures of 78.1% and 67.9% in the three- and five-year periods, respectively. The Canadian Income Trust Equity category has substantially fewer funds and, as a result, markedly higher survivorship of 100% for both the three- and five-year periods. The Canadian Focused Equity category has a high survivorship rate of 95.4% for the three-year period and 97.5% for the five-year period.

# **Appendix 1: SPIVA Methodology**

#### Data

Standard & Poor's obtains a custom feed of monthly return data from Fundata Canada for all equity mutual funds that have information in their database. The feed includes data on funds that have merged or liquidated. Fundata applies the following filters to the file we receive:

- All non-equity funds are excluded
- All pooled funds, segregated funds or other specialized categories that do not qualify as retail mutual funds are excluded
- Multiple occurrences of the same funds' portfolio reporting in two or more currencies are also excluded – we simply take the Canadian dollar version
- Only a single share class is included

The file has the following data fields on a monthly basis:

- 1. Fund name
- 2. Fund identifier
- 3. Month and year
- 4. Fund returns for the month, after management and other costs, and including distributions
- 5. Fund assets under management in that month
- 6. Fund categorization in that month
- 7. Management type, i.e., whether the fund is indexed or actively managed

We then limit our subset using the following filters:

- We choose funds that are actively managed, excluding index funds.
- We remove from the sample funds that do not have information on assets under management for any month within the previous five years. These funds are relatively few, and we compare their equal weighted returns to those of the funds with assets reported in Report A1 to illustrate the impact of their exclusion. We remove these funds because our report on asset-weighted returns cannot be computed without fund asset information, and we wish to use a consistent data set across the four main reports on active-versus-index performance included in SPIVA Canada.

# **Fund Categories**

We choose funds that have, at any point in the previous 60 months, been classified in at least one of the following eight CIFSC<sup>3</sup> categories:

- 1. Canadian Equity
- 2. Canadian Small/Mid Cap Equity
- 3. Canadian Income Trust Equity
- 4. Canadian Dividend and Income Equity
- 5. U.S. Equity
- 6. International Equity
- 7. Global Equity
- 8. Canadian Focused Equity

<sup>&</sup>lt;sup>3</sup> Refer to <u>www.cifsc.com</u> for additional information regarding this organization and their categories.

We have expanded the number of categories because of additional history and/or investor interest. We believe these categories represent the major areas of interest for Canadian investors of equity funds.

The Canadian Investment Funds Standards Committee (CIFSC) governs categorization of Canadian mutual funds. In August 2007, the CIFSC's fund categorization structure changed, posing some challenges for our reports. For example, the Canadian Equity (Pure) category was eliminated; the funds in that category were folded into the revised definition of Canadian Equity, which now encompasses funds primarily invested in Canadian securities. Also, the Canadian SmallCap Equity category was expanded to the Canadian Small/Mid Cap Equity category. "For each small/mid cap equity category there is a market capitalization threshold that determines whether a fund has a small enough market cap to meet that category. The threshold is determined by comparing the geometric mean market cap of a fund to that same measure for an appropriate benchmark index." In this case, the benchmark index CIFSC uses for the Canadian Small/Mid Cap Equity category is the S&P/TSX Completion Index.

In terms of the first change, the Fundata file helps achieve comparability across history by backfilling the classifications before the classification system restructuring. We realize that this introduces a backward looking bias, but we are fortunate in the fact that the benchmark for both Canadian Equity and Canadian Equity Pure categories is the S&P/TSX Composite Index.

The Canadian SmallCap Equity category restructuring presented additional challenges. The backfilling of classifications results in SmallCap funds being reclassified historically as Small/Mid Equity, and these same funds being benchmarked to the S&P/TSX Completion Index rather than the S&P/TSX SmallCap Index. As a result, we have decided to only show data for the Small/Mid Cap category for the past year.

In addition, as a result of the elimination of the SmallCap Equity category, we can no longer compare small caps with the S&P/TSX SmallCap Index. If this category is reinstated, we will add it to our reports.

The Canadian Income Trust Equity category includes a small number of funds, so is excluded from Report 1.

#### **Benchmarks**

The S&P/TSX Indices were also subject to a number of changes in 2007. Following a consultation process with the index community, the S&P/TSX SmallCap Index's methodology was adjusted to create a more appropriate Canadian benchmark of small capitalization equities. The S&P/TSX SmallCap Index is now a separate index from the S&P/TSX Composite index family. In addition, the S&P/TSX MidCap Index was renamed the S&P/TSX Completion Index and its methodology was revised. It includes the constituents of the S&P/TSX Composite Index which are not in the S&P/TSX 60 Index.

The benchmarks we choose are shown in the table. All the index returns are total returns (i.e., include dividend reinvestment) in Canadian dollars. **There has been no deduction of index returns to account for fund investment expenses.** Active fund returns are after expenses, but do not include front or back-end loads or other commissions that investors might pay.

<sup>&</sup>lt;sup>4</sup> Canadian Investment Funds Standards Committee – 2007 Retail Investment Fund Category Definitions.

Fund Category	Comparison Benchmark
Canadian Equity	S&P/TSX Composite Index
	S&P/TSX Capped Composite
	Index <sup>5</sup>
Canadian Small/Mid Cap	S&P/TSX Completion Index
Equity	
Canadian Income Trust	S&P/TSX Income Trust
Equity	Index
Canadian Dividend &	S&P/TSX Canadian Dividend
Income Equity	Aristocrats Index
U.S. Equity	S&P 500 Index
International Equity	S&P/Citigroup EPAC PMI
	Index
Global Equity	S&P/Citigroup World PMI
	Index
Canadian Focused Equity	50% S&P/TSX Composite
	Index + 25% S&P 500 Index
	+ 25% S&P/Citigroup EPAC
	PMI Index

Previously we included a report (Report A2) that compared Canadian Equity Funds with a blended index of the S&P/TSX Composite Index (70%) and the S&P 500 Index (30%). As a result of foreign investor limit removal, Canadian investors (particularly institutional) are redeploying funds outside of Canada to gain international equity exposure.

Report A2 has been removed but we have now included the Canadian Focused Equity category. Funds in the Canadian Focused Equity category include non-Canadian equity exposure. We compare this category to a monthly returning series consisting of the S&P/TSX Composite Index (50%), the S&P 500 Index (25%), and the S&P/Citigroup EPAC PMI Index (25%).

For additional information on any of the benchmark indices, please see the one-page glossary at the end of this report, or visit our website at <a href="https://www.standardandpoors.com">www.standardandpoors.com</a>.

# Reports

#### **Report 1: Percent of Active Funds Outperforming Index**

This report shows the percent of funds that have outperformed the comparison benchmark in three-month, year-to-date, one-year, three-year and five-year periods. We start with the funds in a category at the beginning of the period. At the end of the period, we report what percent of funds have survived and outperformed the index. The fund's category at the end of the period is not considered, since the category at the beginning of the holding period is of interest.

<sup>&</sup>lt;sup>5</sup> The main reports show a comparison with the S&P/TSX Capped Composite, since mutual funds are restricted from holding more than 10% of their portfolio in a single stock. A capped index better represents an active manager's opportunity set in periods where the history includes a concentration problem. In practical terms, both benchmarks would be equivalent where the history under consideration does not have a greater than 10% single-stock concentration in the S&P/TSX Composite Index.

This report essentially shows what percentage of funds in the opportunity set at the beginning of the period survived and beat the benchmark.

Most reports that purport to show the percent of active funds outperforming index work with the funds in a category at the end of the period, and then compare their historical returns to the benchmark. SPIVA corrects for this survivorship bias by starting with the funds at the beginning of the period.

#### **Report 2: Survivorship**

This report shows the count of funds that existed in a particular category at the beginning of three-month, year-to-date, one-year, three-year and five-year periods, and how many survived at the end of those periods. The fund's category at period-end is not considered, since the category at the beginning of the holding period is of interest.

This report essentially shows what percentage of funds in the opportunity set at the beginning of the period survived.

#### **Report 3: Equal Weighted Fund Returns**

This report shows the equal weighted average returns of funds in a particular category for three-month, year-to-date, one-year, three year and five year time periods. For every month in the time period, we take all funds that are in existence in a category and calculate the simple average return. We then compound the returns from all months in the period. These returns are compared with those of the benchmark returns. The funds used in the averaging process in one month might not be the same as used the next, since some funds would have merged or liquidated, new funds would have been formed, and some might have had their categories changed.

This report essentially shows equal weighted performance of actively managed funds in a category over the time period, with the level of granularity for determining the eligible population in that category being monthly.

Most reports that purport to show average active fund performance work with the funds in a category at the end of the period, and then take the average of their historical returns. SPIVA presents a more accurate picture of active fund performance in a category by calculating the average performance of the active funds in existence in a category each month.

#### **Report 4: Asset Weighted Fund Returns**

This report shows the asset weighted average returns of funds in a particular category for three-month, year-to-date, one-year, three-year and five-year periods. For every month, we take all funds in a category and calculate the average return by weighing each fund's return by its month-end assets. We then compound the returns from all the months in the period. These returns are compared with those of the benchmark returns. The funds used in the averaging process in one month might not be the same as used the next, since some funds would have merged or liquidated, new funds would have been formed, and some might have had their categories changed.

This report essentially shows asset weighted performance of actively managed funds in a category over the time period, with the level of granularity for determining the eligible population in that category being monthly.

Most fund reports do not show asset weighted returns. SPIVA presents an accurate picture of asset weighted active fund performance in a category by calculating the asset weighted average performance of the active funds in existence in a category each month.

Report 1: Percent of Active Funds Outperforming Index: Q1 2008

Category	Comparison Index	Last Quarter	Year To Date	One Year	Three Years	Five Years
Canadian Equity	S&P/TSX Composite Index Total Return	8.20	8.20	14.49	8.42	4.13
Canadian Equity	S&P/TSX Capped Composite Index Total Return	8.20	8.20	14.49	8.42	4.13
Cdn Small/Mid Cap Equity	S&P/TSX Completion Index Total Return	24.07	24.07	43.86	n/a	n/a
Cdn Dividend & Income Equity	S&P/TSX Canadian Dividend Aristocrats Index Total Return	100	100	92.59	3.12	0
U.S. Equity	S&P 500 Total Return Index C\$	35.63	35.63	37.36	13.42	10.34
International Equity	S&P/Citigroup EPAC PMI Index Total Return C\$	31.82	31.82	18.18	16.95	13.12
Global Equity	S&P/Citigroup World PMI Index Total Return C\$	41.38	41.38	48.78	19.36	11.93
Cdn Focused Equity	50% S&P/TSX Composite Index TR + 25% S&P 500 Index TR C\$ + 25% S&P/Citigroup EPAC PMI Index TR C\$	46.32	46.32	51.58	35.63	43.04

Source: Standard & Poor's, Fundata. All data ending March 31, 2008. CIFSC categorizations.

Note: There has been no deduction of fund expenses from index returns.

Report 2: Survivorship: Q1 2008

Report 2: Survivorship: Q1 2008								
Category	Period	Count at Beginning of Period	Survivorship %					
Canadian Equity	Last Quarter	61	100					
	Year To Date	61	100					
	One Year	69	88.41					
	Three Years	95	61.05					
	Five Years	121	38.84					
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Cdn Small/Mid Cap Equity	Last Quarter	54	98.15					
	Year To Date	54	98.15					
	One Year	57	92.98					
	Three Years	61	n/a					
	Five Years	64	n/a					
Cdn Dividend & Income Equity	Last Quarter	28	100					
<u> </u>	Year To Date	28	100					
	One Year	27	96.3					
	Three Years	32	78.13					
	Five Years	28	67.86					
Cdn Income Trust Equity	Last Quarter	13	100					
	Year To Date	13	100					
	One Year	14	92.86					
	Three Years	11	100					
	Five Years	7	100					
U.S. Equity	Last Quarter	87	98.85					
	Year To Date	87	98.85					
	One Year	91	93.41					
	Three Years	149	52.35					
	Five Years	174	41.95					
	_							
International Equity	Last Quarter	44	100					
	Year To Date	87	100					
	One Year	91	93.41					
	Three Years	59	66.1					
	Five Years	61	60.66					
Global Equity	Last Quarter	116	99.14					
, ,	Year To Date	116	99.14					
	One Year	123	93.5					
	Three Years	217	48.39					
	Five Years	218	42.20					
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Cdn Focused Equity	Last Quarter	95	97.89					
	Year To Date	95	97.89					
	One Year	95	96.84					
	Three Years	87	95.40					
	Five Years	79	97.47					

Report 3: Equal Weighted Fund Returns: Q1 2008

Fund Category or Index	Last Quarter	Year To Date	One Year	Three Year (Annualized)	Five Year (Annualized)
Canadian Equity	-4.65	-4.65	-1.17	9.81	14.21
S&P/TSX Composite Index Total Return	-2.84	-2.84	4.00	14.17	18.49
S&P/TSX Capped Composite Index Total Return	-2.84	-2.84	4.00	14.17	18.49
Cdn Small/Mid Cap Equity	-6.50	-6.50	-4.98	n/a	n/a
S&P/TSX Canadian Completion Total Return	-3.83	-3.83	-2.65	10.79	18.83
Cdn Income Trust Equity	0.41	0.41	5.68	8.99	15.92
S&P/TSX Income trust Index Total Return	5.90	5.90	11.54	11.19	19.68
Cdn Dividend & Income Equity	-4.38	-4.38	-2.89	8.39	13.17
S&P/TSX Canadian Dividend Aristocrats Index Total Return	-8.56	-8.56	-7.42	11.18	16.92
U.S. Equity	-7.47	-7.47	-17.11	-1.62	1.62
S&P 500 Total Return Index C\$	-6.77	-6.77	-15.67	0.19	3.43
International Equity	-6.44	-6.44	-14.91	5.47	10.98
S&P/Citigroup EPAC PMI Index Total Return C\$	-5.60	-5.60	-12.14	7.89	13.40
Global Equity	-6.09	-6.09	-13.33	3.50	7.55
S&P/Citigroup World PMI Index Total Return C\$	-5.59	-5.59	-12.79	4.48	8.46
Cdn Focused Equity	-4.77	-4.77	-5.03	8.01	13.16
50% S&P/TSX Composite Index Total Return + 25% S&P 500 Index C\$ + 25 % S&P/Citigroup EPAC PMI Index Total Return C\$	-4.51	-4.51	-4.95	9.11	13.45

Source: Standard & Poor's, Fundata. All data ending March 31, 2008. CIFSC categorizations.

Note: There has been no deduction of fund expenses from index returns.

Report 4: Asset Weighted Fund Returns: Q1 2008							
Fund Category or Index	Last Quarter	Year To Date	One Year	Three Year (Annualized)	Five Year (Annualized)		
Canadian Equity	-4.25	-4.25	-0.59	11.26	15.57		
S&P/TSX Composite Index Total Return	-2.84	-2.84	4.00	14.17	18.49		
S&P/TSX Capped Composite Index Total Return	-2.84	-2.84	4.00	14.17	18.49		
Cdn Small/Mid Cap Equity	-4.98	-4.98	-3.715	n/a	n/a		
S&P/TSX Canadian Completion Total Return	-3.83	-3.83	-2.647	10.79	18.83		
Cdn Income Trust Equity	-0.35	-0.35	5.224	7.80	14.99		
S&P/TSX Income trust Index Total Return	5.90	5.90	11.539	11.19	19.68		
Cdn Dividend & Income Equity	-4.97	-4.97	-3.886	8.97	13.37		
S&P/TSX Canadian Dividend Aristocrats Index Total Return	-8.56	-8.56	-7.424	11.18	16.92		
U.S. Equity	-7.81	-7.81	-17.948	-1.79	1.76		
S&P 500 Total Return Index C\$	-6.77	-6.77	-15.666	0.19	3.43		
International Equity	-7.68	-7.68	-17.604	4.67	10.94		
S&P/Citigroup EPAC PMI Index Total Return C\$	-5.60	-5.60	-12.139	7.89	13.40		
Global Equity	-6.39	-6.39	-16.427	2.68	6.96		
S&P/Citigroup World PMI Index Total Return C\$	-5.59	-5.59	-12.79	4.48	8.46		
Cdn Focused Equity	-4.68	-4.68	-5.787	7.10	12.06		
50% S&P/TSX Composite Index Total Return + 25% S&P 500 Index C\$ + 25% S&P/Citigroup EPAC PMI Index Total Return C\$	-4.51	-4.51	-4.95	9.11	13.45		

Source: Standard & Poor's, Fundata. All data ending March 31, 2008. CIFSC categorizations.

Note: There has been no deduction of fund expenses from index returns.

Report A1: Funds Excluded from Sample Due to Missing Asset Data: Q1 2008							
Equal Weighted Returns							
Category	In Sample?	Last Quarter	Year To Date	One Year	Three Year (Annualized)	Five Year (Annualized)	
Canadian Equity	Included	-4.65	-4.65	-1.17	9.81	14.201	
	Excluded	-5.08	-5.08	-3.35	9.67	12.40	
Cdn Small/Mid Cap Equity	Included	-6.50	-6.50	-4.98	n/a	n/a	
	Excluded	-5.14	-5.14	-8.87	n/a	n/a	
Cdn Income Trust Equity	Included	0.41	0.41	5.68	8.99	15.92	
	Excluded	-1.25	-1.25	2.42	7.90	15.06	
Cdn Dividend & Income Equity	Included	-4.38	-4.38	-2.89	8.39	13.17	
	Excluded	-5.14	-5.14	-9.82	-0.37	-0.22	
U.S. Equity	Included	-7.47	-7.47	-17.11	-1.62	1.62	
	Excluded	-7.18	-7.18	-17.34	-2.18	1.13	
International Equity	Included	-6.44	-6.44	-14.91	5.47	10.98	
	Excluded	-6.46	-6.46	-16.34	5.51	9.42	
Global Equity	Included	-6.09	-6.09	-13.33	3.50	7.55	
C.C.S. Equity	Excluded	-7.61	-7.61	-10.58	4.26	8.31	
Cdn Focused Equity	Included	-4.77	-4.77	-5.03	8.01	13.16	
Curr rocused Equity	Excluded	-4.77 -5.65	-4.77 -5.65	-5.03 -5.38	7.30	13.40	

Source: Standard & Poor's, Fundata. All data ending March 31, 2008. CIFSC categorizations.

Note: There has been no deduction of fund expenses from index returns.

Report A1 (continued): Count of Funds at Beginning of Period								
Category	In Sample?	Last Quarter	Year To Date	One Year	Three Years	Five Years		
Canadian Equity	Included	61	61	69	95	121		
	Excluded	10	10	14	17	0		
Cdn Small/Mid Cap Equity	Included	54	54	57	n/a	n/a		
	Excluded	9	9	9	n/a	n/a		
Cdn Income Trust Equity	Included	13	13	14	11	7		
. ,	Excluded	5	5	5	5	0		
Cdn Dividend & Income Equity	Included	28	28	27	32	28		
	Excluded	2	2	2	0	0		
U.S. Equity	Included	87	87	91	149	174		
, ,	Excluded	8	8	10	14	0		
International Equity	Included	44	44	44	59	61		
1 7	Excluded	4	4	4	3	0		
Global Equity	Included	116	116	123	217	218		
•	Excluded	21	21	25	28	0		
Cdn Focused Equity	Included	95	95	95	87	79		
	Excluded	4	4	4	3	0		

# **Glossary**

#### S&P 500 Index

Widely regarded as the best single gauge of the U.S equities market, this index includes a representative sample of 500 leading companies in leading industries of the U.S. economy and provides over 80% market coverage of the U.S. equities market.

#### **S&P/TSX Canadian Dividend Aristocrats Index**

This index is designed to measure the performance of Canadian securities that have followed a managed-dividends policy of consistently increasing dividends every year for at least seven years.

#### **S&P/TSX Capped Composite Index**

This includes all the constituents of the S&P/TSX Composite Index with relative weighting of each constituent capped at 10%.

#### **S&P/Citigroup EPAC PMI Index**

This index is a float-weighted, rules based benchmark that captures universe of securities in the developed markets less North America. The Primary Market Index (PMI), covering world equity markets, constitutes the top 80% of the available market cap of the global S&P/Citigroup EPAC BMI Index.

#### **S&P/Citigroup World PMI Index**

This index is a float-weighted, rules based benchmark that captures securities in the developed markets. The Primary Market Index (PMI), covering world equity markets, constitutes the top 80% of the available market cap of the global S&P/Citigroup World BMI Index

#### **S&P/TSX Completion Index**

This is a modular component of the S&P/TSX Composite Index. This index is composed of constituents of the S&P/TSX Composite Index not in the S&P/TSX 60 Index.

#### **S&P/TSX** Composite Index

This is the headline index and the principal broad market measure for Canadian Equity markets. The S&P/TSX Composite in the basis for numerous subindices, which break down the Canadian market by different factors including size, Global Industry Classification Standard, and income trust inclusion versus non-inclusion.

#### **S&P/TSX Income Trust Index**

This is a modular component of the S&P/TSX Composite Index. The index contains all of the income trust constituents from the S&P/TSX Composite Index and is not capped. It, in turn, is parent to the S&P/TSX Energy Trust Index and the S&P/TSX REIT Index.

For more information, please go to www.spiva.standardandpoors.com

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