

# Return Rankings of Equity Index Funds

These 5 tables compare the shocking return differences of 6 different indices for U.S.large cap growth, small cap growth, small cap growth, small cap blend and small cap value.

These tables (produced by Avantis Funds) make it clear how important it is to be in the "right" asset class fund.



MAX-MIN RETURN

MAX-MIN RETURN

#### U.S. Large Cap Value Index Returns (%) Ranked from Highest to Lowest (2009-2023)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	FULL PERIOD
	S&P <b>21.18</b>	Wilshire <b>16.56</b>	Wilshire 3.74	S&P <b>17.68</b>	CRSP 33.34	Russell <b>13.45</b>	Wilshire <b>-0.79</b>	Morningstar <b>20.01</b>	CRSP 17.16	CRSP -5.40	S&P <b>31.93</b>	Wilshire <b>7.37</b>	CRSP <b>26.51</b>	Momingstar -0.35	S&P <b>22.23</b>	S&P 500 Value <b>12.17</b>
	Russell <b>19.69</b>	CRSP 16.06	CRSP 1.43	Russell 17.51	Russell 32.53	CRSP 13.29	CRSP -0.86	S&P <b>17.40</b>	Wilshire <b>16.31</b>	Wilshire <b>-5.94</b>	Wilshire <b>27.72</b>	Russell 2.80	MSCI <b>26.29</b>	CRSP -2.01	Morningstar 11.76	CRSP US Large Cap Value 12.04
	CRSP 18.42	Russell <b>15.51</b>	Morningstar 1.35	CRSP 16.71	<sup>S&amp;P</sup> <b>31.99</b>	Wilshire <b>13.00</b>	Morningstar -2.13	Russell <b>17.34</b>	<sup>S&amp;P</sup> 15.36	Morningstar -6.90	Russell <b>26.54</b>	CRSP <b>2.26</b>	Russell <b>25.16</b>	%.₽ <b>-5.22</b>	Russell <b>11.46</b>	Wilshire US Large Value 11.71
	Wilshire 16.98	Morningstar 15.17	MSCI <b>0.64</b>	Wilshire <b>14.56</b>	Morningstar 31.78	S&P <b>12.36</b>	MSCI -2.82	CRSP 16.93	MSCI 14.42	MSCI -7.96	CRSP <b>25.85</b>	S&P <b>1.36</b>	S&P <b>24.90</b>	Wilshire <b>-5.51</b>	CRSP <b>9.17</b>	Russell 1000 Value <b>11.09</b>
	MSCI <b>16.91</b>	S&P <b>15.10</b>	Russell <b>0.39</b>	Morningstar 14.06	MSCI 31.22	MSCI 11.36	S&P <b>-3.13</b>	MSCI 15.83	Morningstar 14.25	Russell -8.27	Morningstar <b>25.53</b>	MSCI <b>0.05</b>	Wilshire <b>24.53</b>	MSCI -6.96	Wilshire 9.17	Morningstar US LM Value 10.91
	Morningstar 16.39	MSCI 13.46	S&P <b>-0.48</b>	MSCI 13.96	Wilshire <b>30.24</b>	Morningstar 9.37	Russell -3.83	Wilshire <b>15.44</b>	Russell <b>13.66</b>	S&P <b>-8.95</b>	MSCI 24.61	Morningstar -1.65	Morningstar 23.28	Russell <b>-7.54</b>	MSCI <b>8.35</b>	MSCI USA Value 10.01
1	4.78	3.10	4.22	3.72	3.10	4.08	3.04	4.57	3.49	3.55	7.31	9.01	3.24	7.18	13.88	2.16

#### U.S. Large Cap Growth Index Returns (%) Ranked from Highest to Lowest (2009-2023)

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	FULL PERIOD
Morningstar 44.37	Russell <b>16.71</b>	S&P <b>4.65</b>	Morningstar 17.98	Wilshire <b>34.95</b>	S&P <b>14.89</b>	Morningstar <b>7.71</b>	Wilshire <b>8.97</b>	Morningstar 31.15	Morningstar 2.94	MSCI <b>37.31</b>	MSCI <b>42.74</b>	S&P <b>32.01</b>	Russell -29.14	Morningstar 47.26	Russell 1000 Growth <b>16.68</b>
Russell <b>37.21</b>	MSCI 16.10	Russell <b>2.64</b>	Wilshire <b>16.90</b>	Russell 33.48	Morningstar 14.38	Russell <b>5.67</b>	Russell <b>7.08</b>	Russell 30.21	S&P -0.01	CRSP <b>37.31</b>	CRSP 40.27	Wilshire <b>28.86</b>	S&P <b>-29.41</b>	CRSP <b>46.86</b>	MSCI USA Growth 16.32
Wilshire <b>36.88</b>	CRSP 15.77	MSCI <b>1.97</b>	MSCI 16.73	S&P <b>32.75</b>	Wilshire <b>13.96</b>	S&P <b>5.52</b>	S&P <b>6.89</b>	MSCI 28.27	Russell -1.51	Russell 36.39	Morningstar <b>38.86</b>	Russell <b>27.60</b>	Wilshire <b>-29.54</b>	MSCI 46.47	Wilshire US Large Growth  16.17
MSCI 36.13	S&P <b>15.05</b>	Morningstar 1.56	Russell <b>15.26</b>	Morningstar 32.46	MSCI 13.95	MSCI <b>4.19</b>	CRSP <b>6.16</b>	CRSP <b>27.86</b>	MSCI -2.32	Wilshire <b>35.79</b>	Russell 38.49	CRSP <b>27.30</b>	MSCI -32.08	Wilshire <b>45.28</b>	CRSP US Large Cap Growth  15.71
CRSP 35.92	Wilshire <b>15.02</b>	CRSP <b>0.58</b>	CRSP 15.20	MSCI 32.27	CRSP 13.69	Wilshire 3.54	MSCI <b>6.07</b>	Wilshire <b>27.71</b>	CRSP -3.34	Morningstar 33.81	Wilshire <b>35.36</b>	MSCI 26.08	CRSP -33.13	Russell <b>42.68</b>	Morningstar US Large Growth 15.50
S&P <b>31.57</b>	Morningstar 12.91	Wilshire -0.66	S&P <b>14.61</b>	CRSP <b>31.75</b>	Russell <b>13.05</b>	CRSP <b>3.38</b>	Morningstar 1.79	S&P <b>27.44</b>	Wilshire -3.58	S&P <b>31.13</b>	S&P <b>33.47</b>	Morningstar <b>21.47</b>	Morningstar -40.36	S&P <b>30.03</b>	S&P 500 Growth <b>15.28</b>
12.80	3.80	5.31	3.37	3.20	1.84	4.32	7.18	3.71	6.52	6.18	9.28	10.54	11.23	17.23	1.39

#### U.S. Small Cap Value Index Returns (%) Ranked from Highest to Lowest (2009-2023)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	FULL PERIOD
	Morningstar	CRSP	CRSP	Wilshire	S&P	CRSP	Wilshire	Russell	CRSP	Wilshire	S&P	Wilshire	Morningstar	Morningstar	CRSP	CRSP US Small Cap Value
	40.28	27.18	0.01	21.52	39.98	10.63	-4.36	31.74	11.83	-12.04	24.54	6.16	31.79	-6.60	15.91	13.42
	CRSP	Wilshire	S&P	CRSP	CRSP	Morningstar	CRSP	S&P	S&P	CRSP	Wilshire	CRSP	S&P	CRSP	Wilshire	Wilshire US Small Value
	37.81	26.76	-1.38	20.50	38.47	10.03	-4.64	31.32	11.51	-12.27	23.08	5.75	30.95	-9.27	15.35	12.22
	Wilshire	Morningstar	Morningstar	Morningstar	Morningstar	Wilshire	MSCI	Morningstar	MSCI	S&P	CRSP	Russell	MSCI	MSCI	S&P	Morningstar US Small Value
	37.45	25.96	-1.84	18.30	35.71	9.09	-5.89	27.96	8.44	-12.64	22.76	4.63	29.77	-10.33	14.89	12.08
	MSCI	S&P	MSCI	S&P	Russell	S&P	S&P	Wilshire	Morningstar	Russell	Russell	S&P	Wilshire	S&P	MSCI	S&P SmallCap 600 Value
	29.21	24.72	-4.72	18.21	34.52	7.54	-6.67	27.68	8.40	-12.86	22.39	2.53	29.24	-11.04	14.77	12.02
	S&P	Russell	Wilshire	Russell	Wilshire	MSCI	Russell	MSCI	Russell	MSCI	MSCI	MSCI	Russell	Wilshire	Russell	MSCI US Small Cap Value
	22.85	24.50	-5.34	18.05	33.80	6.64	-7.47	26.62	7.84	-13.60	21.27	1.20	28.27	-14.22	14.65	10.81
	Russell	MSCI	Russell	MSCI	MSCI	Russell	Morningstar	CRSP	Wilshire	Morningstar	Morningstar	Morningstar	CRSP	Russell	Morningstar	Russell 2000 Value
	20.58	24.21	-5.50	17.69	32.73	4.22	-8.65	24.82	7.42	-16.61	19.96	1.01	28.15	-14.48	14.58	10.27
MAX-MIN RETURN	19.70	2.97	5.51	3.82	7.25	6.41	4.28	6.92	4.41	4.57	4.57	5.16	3.64	7.88	1.33	3.15

U.S. Small Cap Growth Index Returns (%) Ranked from Highest to Lowest (2009-2023)

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	FULL PERIOD
ilshire	Morningstar	S&P	MSCI	Wilshire	Russell	S&P	S&P	Morningstar	S&P	CRSP	Morningstar	S&P	S&P	Morningstar	Wilshire US Small Growth
6.40	31.26	3.62	17.24	45.00	5.60	2.78	22.16	23.77	-4.05	32.75	43.52	22.62	-21.08	26.65	13.77
RSP	Wilshire	Morningstar	Wilshire	MSCI	MSCI	Morningstar	Wilshire	Russell	Morningstar	Wilshire	MSCI	MSCI	Wilshire	Wilshire	MSCI US Small Cap Growth
1.92	31.08	-1.04	15.69	44.24	4.51	-0.18	16.97	22.17	-5.67	29.49	36.71	11.40	-23.07	23.26	13.72
MSCI	MSCI	Wilshire	CRSP	Russell	Wilshire	Russell	MSCI	CRSP	CRSP	MSCI	CRSP	Wilshire	MSCI	MSCI	S&P SmallCap 600 Growth
1.79	30.58	-1.64	15.39	43.30	4.23	-1.38	13.13	21.90	-5.68	29.29	35.35	10.12	-26.26	22.10	13.36
ussell	CRSP	MSCI	Russell	S&P	CRSP	CRSP	Russell	MSCI	MSCI	Russell	Russell	CRSP	Russell	CRSP	CRSP US Small Cap Growth
4.47	29.43	-1.64	14.59	42.69	3.98	-2.60	11.32	21.22	-9.18	28.48	34.63	5.71	-26.36	21.28	12.74
ningstar	Russell	Russell	S&P	Morningstar	S&P	MSCI	CRSP	Wilshire	Russell	Morningstar	Wilshire	Russell	CRSP	Russell	Morningstar US Small Growth
2.98	29.09	-2.91	14.56	41.86	3.87	-3.24	10.62	19.55	-9.31	27.60	29.66	2.83	-28.44	18.66	12.20
S&P	S&P	CRSP	Morningstar	CRSP	Morningstar	Wilshire	Morningstar	S&P	Wilshire	S&P	S&P	Morningstar	Morningstar	S&P	Russell 2000 Growth
8.35	27.99	-3.08	14.50	38.44	2.46	-5.28	9.61	14.79	-9.71	21.13	19.60	-1.00	-33.31	17.10	12.07
8.05	3.27	6.70	2.74	6.56	3.15	8.06	12.55	8.98	5.65	11.62	23.92	23.62	12.23	9.95	1.69
11 11 11 11 11 11 11 11 11 11 11 11 11	shire	Morningstar 31.26  RSP Wishire 92 31.08  SCI MSCI .79 30.58  SSEI CRSP .47 29.43  ngstar 1.98 29.09  RP S&P .35 27.99	Saper	Morningstar   S&P   MSCI	Shire         Morningstar         S&P         MSCI         Wilshire           4.40         31.26         3.62         17.24         45.00           RSP         Wishire         Morningstar         Wilshire         MSCI           .92         31.08         -1.04         15.69         44.24           SCI         MSCI         Wilshire         CRSP         Russell           .79         30.58         -1.64         15.39         43.30           ssell         CRSP         MSCI         Russell         S&P           .47         29.43         -1.64         14.59         42.69           .98         29.09         -2.91         14.56         41.86           &P         S&P         CRSP         Morningstar         CRSP           .35         27.99         -3.08         14.50         38.44	Second   Morningstar   S&P   MSCI   Wilshire   Russell   4.00   5.60	Sape	Sapara   S	Sap	Sape	Sape	Sape	Sape	Sap	Separate   Morningstar   S&P   MSCI   Wilshire   Russell   S&P   S&P   Morningstar   S&P   CRSP   Morningstar   S&P   S&P   Morningstar   S&P   Morningstar

#### U.S. Small Cap Index Returns (%) Ranked from Highest to Lowest (2009-2023)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	FULL PERIOD
	Wilshire	Wilshire	S&P	Wilshire	S&P	CRSP	S&P	S&P	MSCI	S&P	CRSP	Russell	S&P	S&P	Morningstar	CRSP US Small Cap
	41.79	28.94	1.02	18.76	41.31	7.54	-1.97	26.56	16.75	-8.48	27.35	19.96	26.82	-16.10	20.59	13.27
	CRSP	Morningstar	CRSP	CRSP	Wilshire	MSCI	CRSP	Wilshire	CRSP	CRSP	MSCI	CRSP	Wilshire	MSCI	Wilshire	Wilshire US Small
	40.11	28.37	-1.85	18.59	39.01	7.07	-3.68	22.41	16.24	-9.33	26.74	19.07	19.17	-17.55	19.10	13.03
	MSCI	CRSP	Morningstar	MSCI	Russell	Morningstar	MSCI	Russell	Morningstar	MSCI	Wilshire	MSCI	MSCI	CRSP	CRSP	MSCI USA Small Cap
	39.07	27.98	-2.57	17.52	38.82	6.92	-4.11	21.31	15.03	-10.40	26.21	18.32	19.11	-17.64	18.09	12.88
	Morningstar	MSCI	Wilshire	Morningstar	CRSP	Wilshire	Russell	Morningstar	Russell	Wilshire	Morningstar	Wilshire	CRSP	Morningstar	MSCI	S&P SmallCap 600
	37.75	27.48	-3.40	16.49	38.48	6.80	-4.41	20.25	14.65	-10.84	25.96	17.42	17.71	-18.46	17.86	12.74
	Russell	Russell	MSCI	Russell	Morningstar	S&P	Wilshire	MSCI	Wilshire	Russell	Russell	Morningstar	Morningstar	Wilshire	Russell	Morningstar US Small
	27.17	26.85	-3.43	16.35	37.91	5.76	-4.86	19.15	13.45	-11.01	25.52	16.41	16.25	-18.65	16.93	12.35
	S&P	S&P	Russell	S&P	MSCI	Russell	Morningstar	CRSP	S&P	Morningstar	S&P	S&P	Russell	Russell	S&P	Russell 2000
	25.57	26.31	-4.18	16.33	37.63	4.89	-4.88	18.26	13.23	-12.11	22.78	11.29	14.82	-20.44	16.05	11.30
MAX – MIN RETURN	16.22	2.63	5.19	2.44	3.68	2.65	2.91	8.29	3.52	3.63	4.57	8.67	12.00	4.34	4.54	1.96

CRSP US Large Cap Growth Index: Measures the performance of U.S. large and mid-cap securities (within the largest 85% of the U.S. equity market, based on total market capitalization) and classified as growth securities based on CRSPs multifactor model. CRSP classifies growth securities using the following factors: future long-term growth in earnings per share (EPS), future short-term growth in EPS, 3-year historical growth in EPS, 3-year historical growth in sales per share, current investment-to-assets ratio, and return on assets.

CRSP US Large Cap Value Index Measures the performance of U.S. large and mid-cap securities (within the largest 85% of the U.S. equity market, based on total market capitalization) and classified as value securities based on CRSPs multifactor model. CRSP classifies value securities using the following factors: book to price, forward earnings to price, historical earnings to price, dividend-to-price ratio and sales-to-price ratio.

CRSP US Small Cap Index: Measures the performance of U.S. small cap companies defined as those within the bottom 2-15% of the U.S. equity market, based on total market capitalization.

CRSP US Small Cap Growth Index: Measures the performance of U.S. securities which are assigned to the MSCI Small Cap Index (within the bottom 2-15% of the U.S. equity market, based on total market capitalization) and classified as growth securities based on CRSP's multifactor model. CRSP classifies growth securities using the following factors: future long-term growth in earnings per share (EPS), future short-term growth in EPS, 3-year historical growth in sales per share, current investment-to-assets ratio, and return on assets.

CRSP US Small Cap Value Index: Measures the performance of U.S. securities which are assigned to the MSCI Small Cap Index (within the bottom 2-15% of the U.S. equity market ,based on total market capitalization) and classified as value securities by using CRSPs multifactor model. CRSP classifies value securities using the following factors: book to price, forward earnings to price, historical earnings to price, dividend-to-price ratio and sales-to-price ratio.

Morningstar US Large Cap Growth Index: Measures the performance of U.S. large cap companies (within the largest 70% of the U.S. equity market, based on total market capitalization) with an assigned "growth" orientation based on a 10-variable style score that assesses five value and five growth factors.

Momingstar US Large Mid Value Index: Measures the performance of U.S. large and mid-cap (within the largest 90% of the U.S. equity market, based ontotal market capitalization) with an assigned "value" orientation based on a 10-variable style score that assesses five value and five growth factors.

Morningstar US Small Cap Index: Measures the performance of U.S. small cap companies defined as companies within the bottom 3-10% of the U.S. equity market, based on total market capitalization.

Momingstar US Small Growth Index Measures the performance of those Momingstar US Small Index companies (within the bottom 3-10% of the U.S. equity market, based on total market capitalization) with an assigned "growth" orientation based on a 10-variable style score that assesses five value and five growth factors.

Momingstar US Small Value Index: Measures the performance of those Momingstar US Small Index companies (within the bottom 3-10% of the U.S. equity market, based on total market capitalization) with an assigned "value" orientation based on a 10-variable style score that assesses five value and five growth factors.

MSCI USA Growth Index: Measures the performance of U.S. large and mid cap securities exhibiting overall growth style characteristics such as: long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend.

MSCI USA Value Index: Measures the performance of U.S. large- and mid-cap companies exhibiting value style characteristics based on book-to-price, 12-month forward earnings-to-price, and dividend yield.

MSCI USA Small Cap Index: Measures the performance of U.S. small cap companies representing approximately 14% of the U.S equity market, based on total market capitalization.

MSCI USA Small Cap Growth Index: Measures the performance of U.S. small cap companies exhibiting growth style characteristics based on long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend.

MSCI US Small Cap Value Index Measures the performance of U.S. small cap companies exhibiting value style characteristics based on book-to-price, 12-month forward earnings-to-price, and dividend yield.

Russell 1000® Growth Index: Measures the performance of those Russell 1000 Index companies (the 1,000 largest publicly traded U.S. companies, based on total market capitalization) with higher price-to-book ratios and higher forecasted growth values.

Russell 1000® Value Index: Measures the performance of those Russell 1000 Index companies (the 1,000 largest publicly traded U.S. companies, based on total market capitalization) with lower price-to-book ratios and lower forecasted growth values.

Russell 2000® Index: Measures the performance of the 2,000 smallest companies among the 3,000 largest publicly traded U.S. companies, based on total market capitalization.

Russell 2000® Growth Index: Measures the performance of those Russell 2000 Index companies (the 2,000 smallest of the 3,000 largest publicly traded U.S. companies, based on total market capitalization) with higher price-to-book ratios and higher forecasted growth values.

Russell 2000® Value Index: Measures the performance of those Russell 2000 Index companies (the 2,000 smallest of the 3,000 largest publicly traded U.S. companies, based on total market capitalization) with lower price-to-book ratios and lower forecasted growth values.

S&P500® Growth Index: Measures the performance of those S&P500 Index companies (500 largest companies in the U.S. equity market based on total market capitalization) with higher value style scores based on three value metrics (book-to-price, earnings-to-price, and sales-to-price).

S&P500® Value Index: Measures the performance of those S&P500 Index companies (500 largest companies in the U.S. equity market based on total market capitalization) with higher growth scores based on three metrics (sales growth, the ratio of earnings change to price and momentum).

S&P SmallCap 600® Growth Index: Measures the performance of those S&P SmallCap 600 Index companies (600 companies that represent in total approximately 25-3% of the US equity market, based on total market capitalization, with positive earnings for the most recent quarter and the sum of the most recent trailing four quarters) with higher growth scores based on three metrics (sales growth, the ratio of earnings change to price and momentum).

S&P SmallCap 600® Index: Measures the performance of U.S. small cap companies induding 600 companies that represent in total approximately 2.5-3% of the US equity market, based on total market capitalization, with positive earnings for the most recent quarter and the sum of the most recent trailing four quarters.

S&P SmallCap 600® Value Index: Measures the performance of those S&P SmallCap 600 Index companies (600 companies that represent in total approximately 2.5-3% of the US equity market, based on total market capitalization, with positive earnings for the most recent quarter and the sum of the most recent trailing four quarters) with higher value style scores based on three value metrics (book-to-price, earnings-to-price, and sales-to-price).

Wilshire US Large Growth Index: Measures the performance of U.S. large cap companies defined as the largest 85% of companies contained in the U.S. equity market, based on total market capitalization, with higher growth style scores based on three growth metrics (forward earnings-to-price, long-term sales growth, and long-term earnings growth).

Wilshire US Large Value Index: Measures the performance of U.S. large cap companies defined as the largest 85% of companies contained in the U.S. equity market, based on total market capitalization, with higher value style scores based on three value metrics (book-to-price, cash flow-to-price, and forward earnings-to-price).

Wilshire US Small Index: Measures the performance of U.S. small cap companies defined as those within the bottom 2-15% of the U.S. equity market, based on total market capitalization.

Wilshire US Small Value Index: Measures the performance of U.S. small cap companies defined as those within the bottom 2-15% of the U.S. equity market, based on total market capitalization, with higher value style scores based on three value metrics (book-to-price, cash flow-to-price, and forward earnings-to-price).

Wilshire US Small Growth Index Measures the performance of U.S. small cap companies defined as those within the bottom 2-15% of the U.S. equity market, based on total market capitalization, with higher growth style scores based on three growth metrics (forward earnings-to-price, long-term sales growth, and long-term earnings growth).