



ABOUT CRSP



Dean Lorie and Professor Lawrence Fisher Established CRSP in 1960

As an affiliate of The University of Chicago Booth School of Business, the Center for Research in Security Prices LLC (CRSP) has been driving financial innovation since its founding in 1960.

For over 60 years, CRSP has been the premier provider of the world's first and most comprehensive resource for historical security prices and returns information, offering scholars and market participants data of the highest integrity and transparency to ensure the strongest foundation for economic forecasting, stock market research and financial analysis conducted by academic organizations, investment banks, brokerage firms, corporations and government agencies.

CRSP data has led to the transformation of the world of finance, illuminating the benefits of investments in equities, providing understanding of factors such as value, size and momentum, exploring the benefits of passive investing vs. active management, and contributing to the ongoing improvement of investor outcomes and the development of the modern financial ecosystem and investment industry.

Today, more than 500 leading academic institutions in 35 countries rely on CRSP data for academic research and to support classroom instructions.

CRSP° RESEARCH PRODUCTS

CRSP. MARKET INDEXES

CRSP has been producing indexes since 1966, helping academics and practitioners understand and research the trends in the financial markets. Drawing on this expertise, in 2011 CRSP designed and launched the CRSP Market Indexes (CRSPMI) product line to provide a comprehensive suite of efficient, transparent and representative benchmarks covering the entire U.S. equity marketplace.

The CRSPMI products are anchored by the flagship CRSP Total Market Index (CRSPTM1), which provides investors with a consistently holistic and representative benchmark for the entire qualifying U.S. equity market. Building from this, the CRSPMI suite further expands to offer investors a wide selection of market capitalization indexes (Micro, Small, Mid, Large, Mega) supplemented with a broad offering of Value and Growth styles, Sectors, and ESG benchmarks.

U.S. MARKET FOR THE PAST 12 MONTHS

Mar-22

Apr-22

May-22

Jun-22

Jul-22

Aug-22

Sep-22

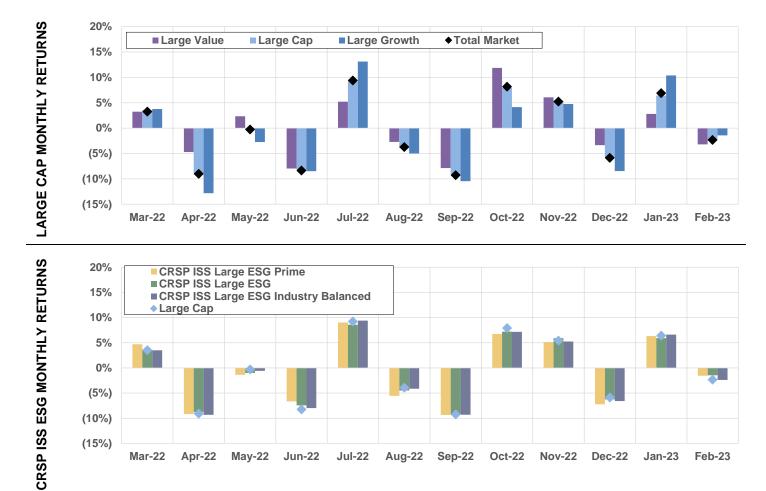
Oct-22

Nov-22

Dec-22

Jan-23

Feb-23



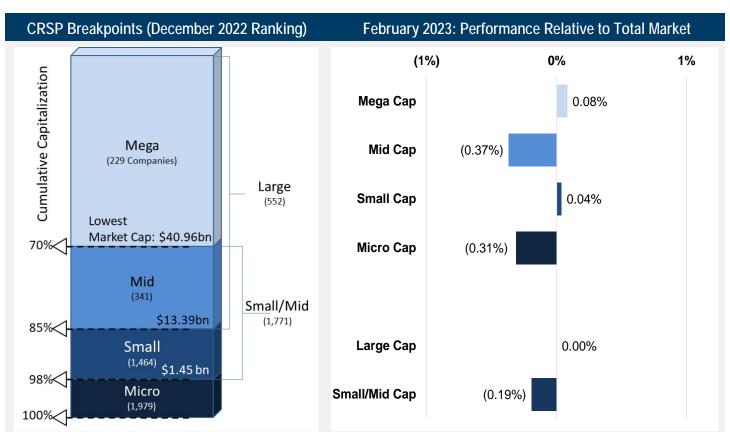
Technology	2.81%	(12.93%)	(2.09%)	(9.23%)	11.49%	(5.66%)	(12.18%)	4.61%	5.74%	(8.34%)	11.41%	0.66%
Telecom	(0.21%)	(11.82%)	4.77%	(6.48%)	3.33%	(2.19%)	(13.71%)	11.54%	4.14%	(5.91%)	8.55%	(3.92%)
Health Care	5.14%	(6.18%)	0.61%	(2.08%)	3.91%	(5.41%)	(3.08%)	8.82%	4.44%	(1.86%)	(0.75%)	(4.54%)
Financials	(0.21%)	(10.38%)	3.31%	(10.51%)	7.52%	(2.03%)	(7.68%)	11.95%	6.19%	(5.70%)	7.17%	(2.00%)
Real Estate	6.45%	(4.24%)	(4.57%)	(7.38%)	8.81%	(5.94%)	(12.62%)	3.82%	6.06%	(5.10%)	10.22%	(6.00%)
Consumer Discretionary	2.94%	(12.60%)	(5.29%)	(10.68%)	16.64%	(3.44%)	(8.48%)	3.58%	2.19%	(10.46%)	14.87%	(2.60%)
Consumer Staples	0.41%	2.88%	(1.80%)	(3.40%)	2.03%	(0.89%)	(8.17%)	9.73%	5.62%	(2.16%)	(1.97%)	(2.38%)
Industrials	1.93%	(7.63%)	(0.47%)	(8.88%)	11.09%	(3.89%)	(10.56%)	12.67%	6.65%	(3.97%)	6.43%	(1.74%)
Basic Materials	8.61%	(5.27%)	1.40%	(14.83%)	6.51%	(2.88%)	(9.94%)	10.25%	10.79%	(5.36%)	11.41%	(2.64%)
Energy	10.26%	(2.46%)	14.80%	(16.76%)	11.42%	3.65%	(9.43%)	23.07%	1.57%	(4.47%)	2.87%	(6.79%)
Utilities	9.89%	(3.82%)	3.44%	(5.05%)	6.09%	0.66%	(10.42%)	2.33%	7.06%	(1.64%)	(1.36%)	(5.14%)
	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23

Note: Data as of 2/28/2023; monthly total returns are used; CRSP US Sector Indexes monthly total returns are for constrained indexes, meaning that securities' weights within sector indexes are adjusted to comply with IRS Regulated Investment Company rules; CRSP U.S. Sector Indexes based on Enhanced FTSE ICB® (EICB) methodology are used for returns after 6/7/2020; CRSP U.S. Sector Indexes based on FTSE ICB® methodology are used for returns prior to 6/5/2020. For more details on pairing between EICB-based and ICB-based CRSP U.S. Sector Indexes refer to our white paper and public announcement; Prior to 9/7/2021 the CRSP ISS ESG Indexes return series is based on a backtest

CRSP U.S. CAP AND STYLE INDEXES PERFORMANCE

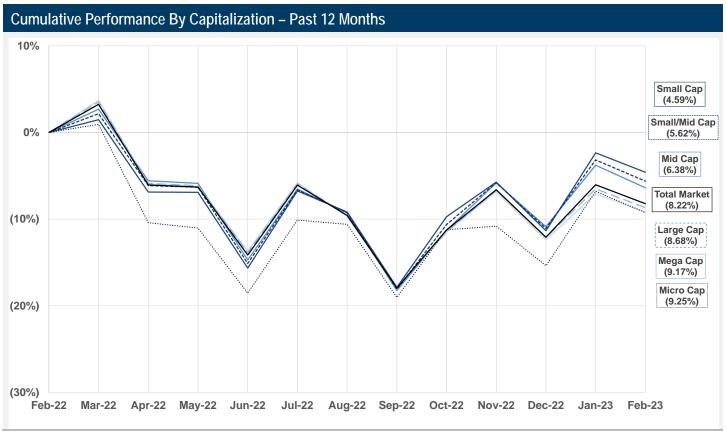
CRSP	CRSP U.S. Cap and Style Indexes Performance								
Category	Index Name	Count	Float-Adjusted Market Cap (\$M)	1 Month	3 Months	Retu YTD	rn for 1 Year	3 Years	5 Years
Total Market	CRSP U.S. Total Market	3,896	\$39,182,384	(2.33%)	(1.72%)	4.41%	(8.22%)	11.69%	9.36%
Сар	CRSP U.S. Mega Cap	229	\$27,847,371	(2.25%)	(2.50%)	3.70%	(9.17%)	11.76%	9.87%
	CRSP U.S. Mid Cap	341	\$6,130,353	(2.70%)	(0.59%)	5.04%	(6.38%)	11.37%	8.37%
	CRSP U.S. Small Cap	1,464	\$4,635,960	(2.30%)	1.21%	7.61%	(4.59%)	11.56%	7.77%
	CRSP U.S. Micro Cap	1,979	\$568,699	(2.65%)	1.75%	7.24%	(9.25%)	8.70%	5.08%
	CRSP U.S. Large Cap	552	\$33,977,725	(2.33%)	(2.16%)	3.93%	(8.68%)	11.72%	9.63%
	CRSP U.S. Small Mid Cap	1,771	\$10,766,314	(2.53%)	0.18%	6.13%	(5.62%)	11.46%	8.12%
Value	CRSP U.S. Mega Value	144	\$13,745,867	(3.11%)	(4.42%)	(1.37%)	(0.40%)	12.69%	8.66%
	CRSP U.S. Mid Value	191	\$3,234,973	(3.52%)	(1.30%)	3.34%	(1.57%)	12.66%	7.35%
	CRSP U.S. Small Value	847	\$2,708,140	(2.29%)	0.50%	6.55%	(0.57%)	14.73%	7.76%
	CRSP U.S. Large Value	338	\$16,966,157	(3.21%)	(3.85%)	(0.51%)	(0.36%)	12.79%	8.42%
	CRSP U.S. Small Mid Value	1057	\$6,096,724	(3.00%)	(0.72%)	4.69%	(1.00%)	13.66%	7.51%
Growth	CRSP U.S. Mega Growth	94	\$14,101,504	(1.40%)	(0.47%)	9.17%	(16.20%)	10.78%	11.00%
	CRSP U.S. Mid Growth	163	\$2,895,380	(1.77%)	0.24%	7.00%	(11.50%)	9.46%	8.99%
	CRSP U.S. Small Growth	687	\$1,927,821	(2.30%)	2.24%	9.13%	(10.22%)	6.38%	6.82%
Crowtii	CRSP U.S. Large Growth CRSP U.S. Small Mid Growth	241 813	\$17,011,568 \$4,669,589	(1.44%) (1.91%)	(0.42%) 1.38%	8.79% 8.08%	(15.85%) (11.15%)	10.45% 8.19%	10.69% 8.16%

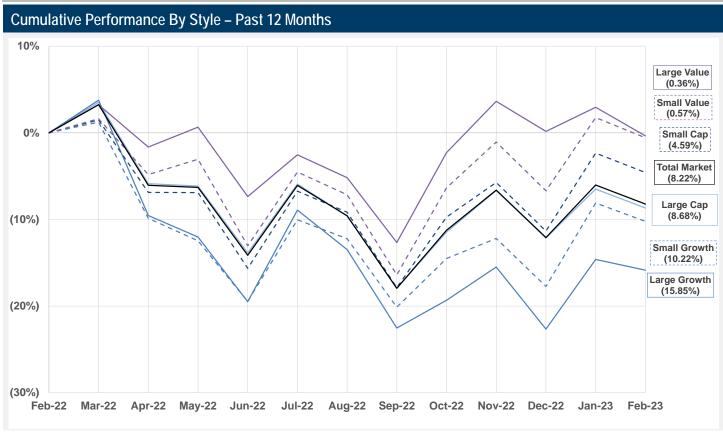
Note: Data as of 2/28/2023; returns computation is based on total returns; data for 1-, 3-, and 5-years is annualized; counts may not add up due to banding and migration, see appendix



Note: Data for lowest market capitalization is based on 12/01/2022 random price date; company counts as of 2/28/2023; counts may not add up due to banding and migration, see appendix

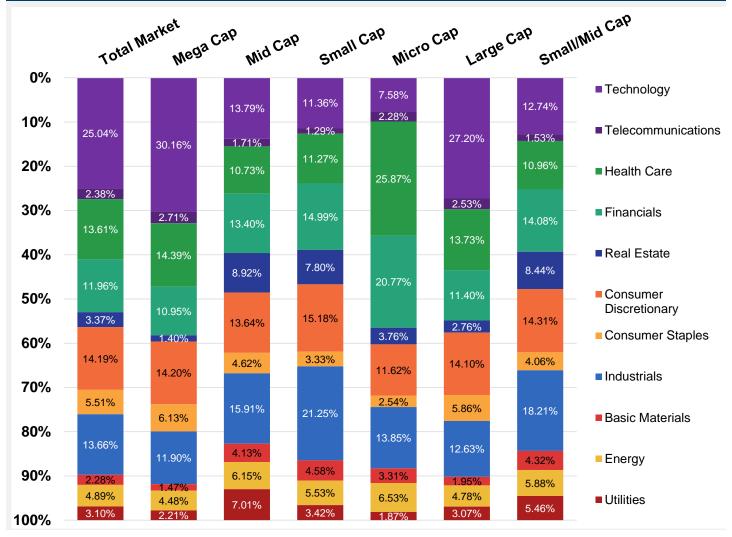
Note: Data as of 2/28/2023; returns computation is based on total returns





Note: Data as of 2/28/2023; returns computation is based on total returns

CRSP Market Cap Indexes Sector Allocation



Note: Data as of 2/28/2023; Sector weights are computed using company's assignment to the industry as defined by Enhanced FTSE ICB®; sector weights are based on float-adjusted market cap weights

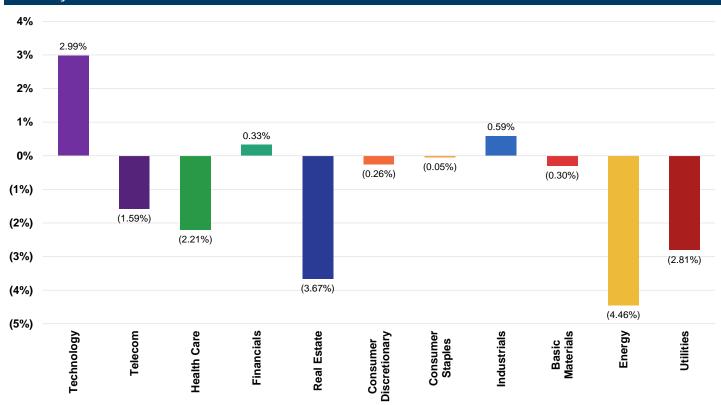
CRSP U.S. SECTOR INDEXES PERFORMANCE

CRSP	U.S. Sector Indexes Performar	ice							
Category	Index Name	Count	Float-Adjusted Market Cap (\$M)	1 Month	3 Months	Retu YTD	ırn for 1 Year	3 Years	5 Years
Total Market	CRSP U.S. Total Market	3,896	\$39,182,384	(2.33%)	(1.72%)	4.41%	(8.22%)	11.69%	9.36%
	CRSP U.S. Technology	438	\$988,803	0.66%	2.79%	12.14%	(16.45%)	14.92%	14.81%
	CRSP U.S. Technology Unconstrained CRSP U.S. Telecommunications	81	\$9,816,187 \$93,526	(2.020/)	(1.87%)	4.29%	(4.4.200/)	3.36%	3.78%
	CRSP U.S. Telecommunications CRSP U.S. Telecommunications Unconstraine		\$93,52 6 \$932.026	(3.92%)	(1.07%)	4.29%	(14.29%)	3.30%	3.70%
	CRSP U.S. Health Care	881	\$5,302,607	(4.54%)	(7.03%)	(5.26%)	(2.18%)	10.73%	9.47%
	CRSP U.S. Health Care Unconstrained	001	\$5,302,607	(4.5470)	(1.0370)	(3.2070)	(2.1070)	10.7370	3.47 /0
	CRSP U.S. Financials	616	\$4,685,305	(2.00%)	(0.96%)	5.03%	(5.35%)	12.97%	8.89%
	CRSP U.S. Financials Unconstrained	0.0	\$4,685,305	(=10070)	(0.0070)	0.0070	(0.0070)		0.0070
	CRSP U.S. Real Estate	201	\$1,320,733	(6.00%)	(1.68%)	3.61%	(12.78%)	3.03%	7.45%
	CRSP U.S. Real Estate Unconstrained		\$1,320,733	(,	(,		()		
Sector	CRSP U.S. Consumer Discretionary	567	\$5,560,552	(2.60%)	0.18%	11.89%	(16.80%)	9.36%	8.15%
Indexes	CRSP U.S. Consumer Discretionary Unconstra	ined	\$5,560,552	, ,			, ,		
	CRSP U.S. Consumer Staples	150	\$216,181	(2.38%)	(6.38%)	(4.31%)	(1.27%)	11.92%	8.60%
	CRSP U.S. Consumer Staples Unconstrained		\$2,159,231						
	CRSP U.S. Industrials	568	\$5,381,528	(1.74%)	0.43%	4.58%	(1.61%)	10.87%	7.95%
	CRSP U.S. Industrials Unconstrained		\$5,381,528						
	CRSP U.S. Basic Materials	122	\$894,228	(2.64%)	2.66%	8.48%	3.81%	21.19%	8.47%
	CRSP U.S. Basic Materials Unconstrained		\$894,228						
	CRSP U.S. Energy	184	\$1,916,907	(6.79%)	(8.39%)	(4.11%)	23.10%	28.95%	9.11%
	CRSP U.S. Energy Unconstrained		\$1,916,907						
	CRSP U.S. Utilities	88	\$1,213,081	(5.14%)	(7.96%)	(6.43%)	0.15%	5.54%	9.76%

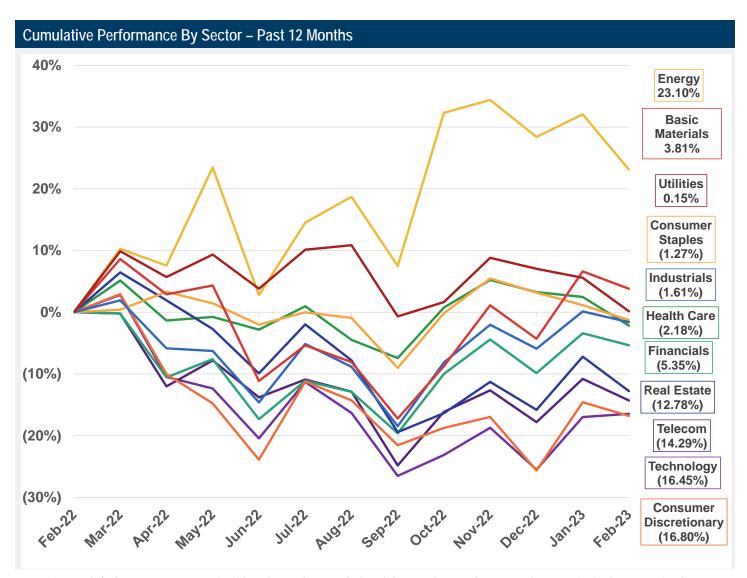
\$1,213,081

February 2023: Sector Performance Relative to Total Market

CRSP U.S. Utilities Unconstrained



Note: Data as of 2/28/2023; returns computation is based on total returns; data for 1-, 3-, and 5-years is annualized. CRSP US Sector Indexes total returns are for constrained indexes, meaning that securities' weights within sector indexes are adjusted to comply with IRS Regulated Investment Company rules. Unconstrained Sector indexes are not constrained to comply with IRS RIC rules. CRSP U.S. Sector Indexes based on Enhanced FTSE ICB® (EICB) methodology are used for returns after 6/7/2020; CRSP U.S. Sector Indexes based on FTSE ICB® methodology are used for returns prior to 6/5/2020. For more details on pairing between EICB-based and ICB-based CRSP U.S. Sector Indexes refer to our white paper and public announcement



Note: Data as of 2/28/2023; returns computation is based on total returns; CRSP US Sector Indexes total returns are for constrained indexes, meaning that securities' weights within sector indexes are adjusted to comply with IRS Regulated Investment Company rules. CRSP U.S. Sector Indexes based on Enhanced FTSE ICB® (EICB) methodology are used for returns after 6/7/2020; CRSP U.S. Sector Indexes based on FTSE ICB® methodology are used for returns prior to 6/5/2020. For more details on pairing between EICB-based and ICB-based CRSP U.S. Sector Indexes refer to our white paper and public announcement

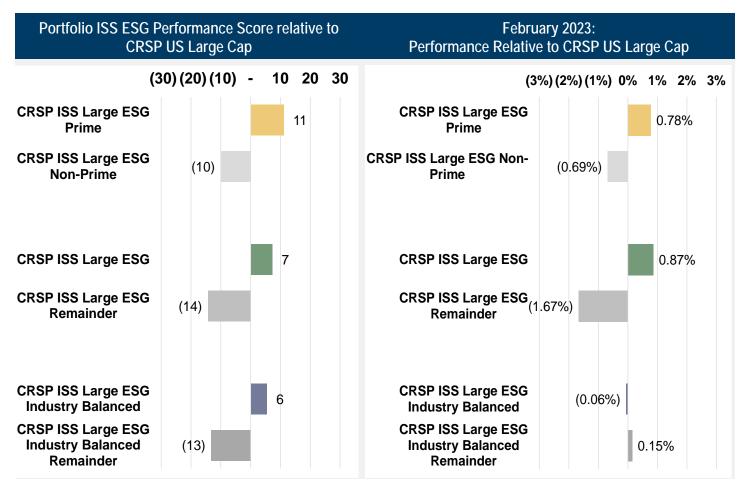
CRSP ISS U.S. LARGE CAP ESG INDEXES PERFORMANCE

To learn more about CRSP ISS ESG Indexes Suite visit our webpage: https://www.crsp.org/crsp-iss-esg-indexes

CRSP ISS U.S. Large Cap ESG Indexes Performance									
Category	Index Name	Count	Float-Adjusted Market Cap (\$M)	1 Month	3 Months	Retu YTD	ırn for 1 Year	3 Years	5 Years
	CRSP U.S. Large Cap	552	\$33,977,725	(2.33%)	(2.16%)	3.93%	(8.68%)	11.72%	9.63%
Prime	CRSP ISS Large ESG Prime CRSP ISS Large ESG Non-Prime	145 407	\$16,083,712 \$17,894,013	(1.55%) (3.03%)	(2.90%) (1.51%)	4.67% 3.28%	(10.94%) (6.61%)	15.16% 9.82%	14.12% 7.49%
ESG	CRSP ISS Large ESG CRSP ISS Large ESG Remainder	277 275	\$22,522,718 \$11,455,007	(1.46%) (4.00%)	(2.17%) (2.20%)	4.35% 3.12%	(9.41%) (7.17%)	11.61% 11.87%	10.03% 8.56%
ESG Industry	CRSP ISS Large ESG Industry Balanced	279	\$23,952,757	(2.40%)	(2.78%)	4.07%	(10.40%)	10.90%	9.39%
Balanced	CRSP ISS Large ESG Industry Balanced Remainder	273	\$10,024,968	(2.18%)	(0.58%)	3.61%	(3.70%)	13.97%	10.29%

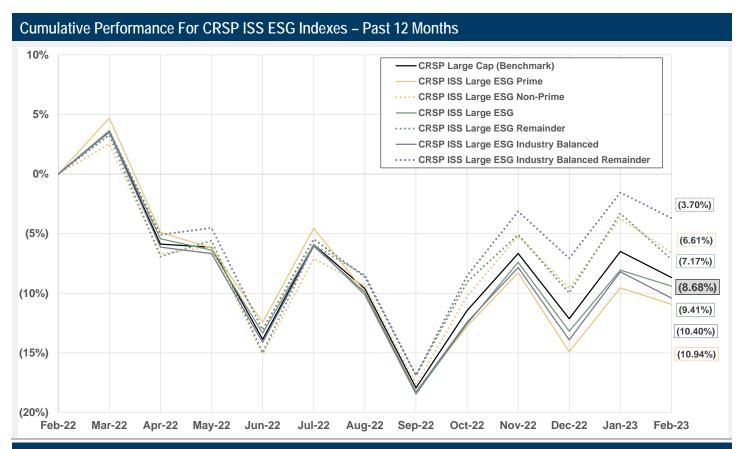
Note: Data as of 2/28/2023; returns computation is based on total returns; data for 1-, 3-, and 5-years is annualized; Prior to 9/7/2021 the CRSP ISS ESG Indexes return series is based on a backtest

For definitions of ISS Prime Indicator, ISS ESG Performance Score see Appendix. For more information on ISS ESG Methodology please visit https://www.issgovernance.com/esg/ratings/.

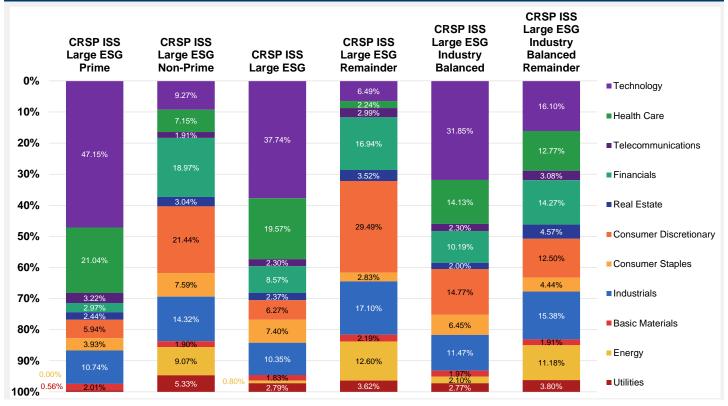


Note: Data as of 2/28/2023. Portfolio ISS ESG Performance Score is computed by weighting securities' ISS ESG Performance Score by the corresponding weight in the index

Note: Data as of 2/28/2023; returns computation is based on total returns



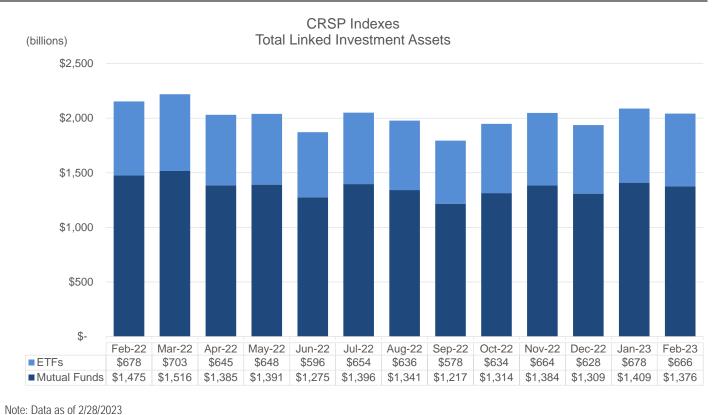
CRSP ISS ESG Indexes Sector Allocation



Note: Data as of 2/28/2023; returns computation is based on total returns; prior to 9/7/2021 the CRSP ISS ESG Indexes return series is based on a backtest Sector weights are computed using company's assignment to the industry as defined by Enhanced FTSE ICB®; sector weights are based on float-adjusted market cap weights

CRSP U.S. INDEXES LINKED ASSETS

				Linked	Assets (\$B) as of	2/28/23
Index	Index Name (TR - Total Return, PR - Price Only Return)	Index Identifier	NASDAQ GIDS Post Date	ETF	Mutual Fund	Total
otal Market	CRSP US Total Market Index (TR) CRSP US Total Market Index (PR)	CRSPTMT CRSPTM1	12/31/2012 1/18/2011	\$275.61	\$1,013.36	\$1,288.
RSP Canadian Hedged	CRSP US Total Market Index (CAD-hedged) (TR) CRSP US Total Market Index (CAD-hedged) (PR)	CRSPTCHT CRSPTCH1	12/31/2012 12/31/2012	\$0.56		\$0.
RSP Canadian Non-Hedged	CRSP US Total Market Total Return Index CAD (TR) CRSP US Total Market Total Return Index CAD (PR)	CRSPTMCT CRSPTMC1	4/15/2013 4/15/2013	\$4.12		\$4.
ega Cap	CRSP US Mega Cap Index (TR) CRSP US Mega Cap Index (PR)	CRSPMET CRSPME1	12/31/2012 8/15/2011	\$3.57	\$0.17	\$3
ega Cap Growth	CRSP US Mega Cap Growth Index (TR) CRSP US Mega Cap Growth Index (PR)	CRSPMEGT CRSPMEG1	12/31/2012 10/1/2012	\$10.33	\$0.03	\$10
ega Cap Value	CRSP US Mega Cap Value Index (TR) CRSP US Mega Cap Value Index (PR)	CRSPMEVT CRSPMEV1	12/31/2012 10/1/2012	\$5.88	\$0.12	\$6
arge Cap	CRSP US Large Cap Index (TR) CRSP US Large Cap Index (PR)	CRSPLCT CRSPLC1	12/31/2012 8/15/2011	\$25.03	\$11.99	\$37
arge Cap Growth	CRSP US Large Cap Growth Index (TR) CRSP US Large Cap Growth Index (PR)	CRSPLCGT CRSPLCG1	12/31/2012 10/1/2012	\$75.33	\$69.98	\$145
arge Cap Value	CRSP US Large Cap Value Index (TR) CRSP US Large Cap Value Index (PR)	CRSPLCVT CRSPLCV1	12/31/2012 10/1/2012	\$102.28	\$48.70	\$150
id Cap	CRSP US Mid Cap Index (TR) CRSP US Mid Cap Index (PR)	CRSPMIT CRSPMI1	12/31/2012 8/15/2011	\$52.88	\$92.99	\$145
id Cap Growth	CRSP US Mid Cap Growth Index (TR) CRSP US Mid Cap Growth Index (PR)	CRSPMIGT CRSPMIG1	12/31/2012 10/1/2012	\$9.96	\$9.81	\$19
id Cap Value	CRSP US Mid Cap Value Index (TR) CRSP US Mid Cap Value Index (PR)	CRSPMIVT CRSPMIV1	12/31/2012 10/1/2012	\$16.46	\$12.16	\$28
mall Cap	CRSP US Small Cap Index (TR) CRSP US Small Cap Index (PR)	CRSPSCT CRSPSC1	12/31/2012 8/15/2011	\$44.63	\$77.19	\$121
nall Cap Growth	CRSP US Small Cap Growth Index (TR) CRSP US Small Cap Growth Index (PR)	CRSPSCGT CRSPSCG1	12/31/2012 10/1/2012	\$13.31	\$15.70	\$29
mall Cap Value	CRSP US Small Cap Value Index (TR) CRSP US Small Cap Value Index (PR)	CRSPSCVT CRSPSCV1	12/31/2012 10/1/2012	\$25.86	\$24.01	\$49
	· · · · · · · · · · · · · · · · · · ·	То	tal Linked Assets	\$666	\$1,376	\$2,0



RECENT NEWS ABOUT CRSP

- Article: How Index-Tracking Funds Are Trimming Their Trading Costs
 - Summary: The CRSP US Total Market Index represents the most prominent example of an index that
 incorporates some of these new trading provisions. It breaks up its rebalancing trades over five days
 when it rebuilds its portfolio in March, June, September, and December.
 - o CRSP Products: CRSP Investment Indexes
 - o Publication: Morningstar
- Article: VTI: Truly Passive Investing In The U.S. Market
 - Summary: Analysis of passive investing in US Equity market
 - CRSP Products: CRSP Investment Indexes
 - o Publication: Seeking Alpha
- Paper: Andrea Frazzini, David Kabiller & Lasse Heje Pedersen (2018), "Buffett's Alpha," Financial Analysts
 Journal, 74:4, 35-55
 - Summary: Analysis of the sources of alpha delivered by Warren Buffett's Berkshire Hathaway
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- Article: Passive ETFs hit by billion-dollar rebalancing costs
 - Summary: Impact of rebalancing costs
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 - Publication: Financial Times
- Article: The Mutual Fund that Ate Wall Street Based on An Index Few People Know About
 - Summary: History of the creation of CRSP Investment Indexes
 - CRSP Products: CRSP Investment Indexes
 - Publication: WSJ

SERVICES OFFERED BY CRSP

CRSP RESEARCH PRODUCTS

Academic, practitioner, and government institutions for whom data quality, accuracy and completeness are essential rely on CRSP data products. Our portfolio of stock, indexes, mutual fund, treasury, and REIT market databases is relied upon by those whose research and publications must withstand rigorous analysis for accuracy. Quantitative analysts in the commercial market depend on CRSP's historical depth and unrivaled quality in order to perform backtesting and modeling calculations. In the government sector, regulators and policy makers value CRSP's complete data sets as the basis for financial and economic research.

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- CRSP 10
- CRSP Historical Indexes
- CRSP US Index History Files Intraday
- CRSP/Compustat Merged Database
- CRSP US Treasury Database
- CRSP/Ziman Real Estate Database
- CRSP Survivor-Bias-Free US Mutual Funds
- CRSP Cap-Based Portfolio Index

For more information regarding CRSP Research Products, contact subscriptions@crsp.org.

CRSP MARKET INDEXES (CRSPMI)

Since 2011, CRSP LLC has maintained, disseminated and expanded its' CRSPMI proprietary investable index product line. Currently comprising over 78 capitalization-based, industry sector, value and growth style, and ESG indexes, the CRSPMI suite blends ongoing advancements in academic research with the most efficient and productive industry practices. CRSPMI continues to dedicate resources and personnel to expand its capabilities and services for providing a broad, efficient and low-cost set of performing index products and benchmarks for the entire investment community.

CRSPMI offers indexes covering the entire U.S. equities marketplace, from its flagship CRSP Total Market Index (CRSPTM1) to a broad set of different cap segments (Mega, Large, Mid, Small, Micro) with Value and Growth versions of each, 11 Sector Indexes and 6 ESG Indexes. A <u>quick reference guide</u> provides an overview of the CRSPMI index offerings.

CRSPMI distributes its investable indexes and related constituents, corporate actions and rebalancing information to a broad community of licensed clients over multiple delivery channels, including <u>direct client feed</u>, secure website and approved third-party redistributors.

APPENDIX - CRSP U.S. INDEXES DESCRIPTIVE INFORMATION

Catagram	Index Name	C	Float-Adjusted	Largest Company	Smallest	Median	Average	Largest Company
Category		Count	Market Cap (\$M)	(\$M)	Company (\$M)	Company (\$M)	Company (\$M)	Weight (%)
otal Market	CRSP U.S. Total Market	3,896	\$39,182,384	\$2,227,765	\$2	\$744	\$10,057	5.69%
	CRSP U.S. Mega Cap	229	\$27,847,371	\$2,227,765	\$9,881	\$63,692	\$121,604	8.00%
	CRSP U.S. Mid Cap	341	\$6,130,353	\$52,927	\$240	\$16,840	\$17,978	0.86%
	CRSP U.S. Small Cap	1,464	\$4,635,960	\$21,034	\$23	\$2,366	\$3,167	0.45%
Сар	CRSP U.S. Micro Cap	1,979	\$568,699	\$4,267	\$2	\$127	\$287	0.75%
	CRSP U.S. Large Cap	552	\$33,977,725	\$2,227,765	\$240	\$26,650	\$61,554	6.56%
	CRSP U.S. Small Mid Cap	1,771	\$10,766,314	\$52,927	\$23	\$3,028	\$6,079	0.49%
	CRSP U.S. Mega Value	144	\$13,745,867	\$529,626	\$10,004	\$63,155	\$95,457	3.85%
	CRSP U.S. Mid Value	191	\$3,234,973	\$44,762	\$909	\$16,089	\$16,937	1.38%
Value	CRSP U.S. Small Value	847	\$2,708,140	\$21,034	\$15	\$2,415	\$3,197	0.78%
	CRSP U.S. Large Value	338	\$16,966,157	\$529,626	\$909	\$25,575	\$50,196	3.12%
	CRSP U.S. Small Mid Value	1,057	\$6,096,724	\$44,762	\$15	\$3,034	\$5,768	0.73%
	CRSP U.S. Mega Growth	94	\$14,101,504	\$2,227,765	\$9,881	\$58,352	\$150,016	15.80%
	CRSP U.S. Mid Growth	163	\$2,895,380	\$52,927	\$240	\$15,745	\$17,763	1.83%
Growth	CRSP U.S. Small Growth	687	\$1,927,821	\$16,918	\$15	\$1,978	\$2,806	0.88%
	CRSP U.S. Large Growth	241	\$17,011,568	\$2,227,765	\$240	\$25,928	\$70,587	13.10%
	CRSP U.S. Small Mid Growth	813	\$4,669,589	\$52,927	\$15	\$2,630	\$5,744	1.13%
Duime	CRSP ISS Large ESG Prime	145	\$16,083,712	\$2,227,765	\$2,038	\$40,854	\$110,922	13.85%
Prime	CRSP ISS Large ESG Non-Prime	407	\$17,894,013	\$817,107	\$240	\$24,742	\$43,966	4.57%
ESG	CRSP ISS Large ESG	277	\$22,522,718	\$2,227,765	\$2,038	\$33,474	\$81,309	9.89%
LOO	CRSP ISS Large ESG Remainder	275	\$11,455,007	\$817,107	\$240	\$23,400	\$41,655	7.13%
ESG	CRSP ISS Large ESG Industry Balanced	279	\$23,952,757	\$2,227,765	\$1,759	\$36,487	\$85,852	9.30%
Industry Balanced	CRSP ISS Large ESG Industry Balanced Remainder	273	\$10,024,968	\$529,626	\$240	\$22,050	\$36,721	5.28%
	CRSP U.S. Technology	438	\$988,803	\$192,279	\$4	\$404	\$2,258	19.45%
	CRSP U.S. Technology Unconstrained		\$9,816,187	\$2,227,765	\$4	\$1,136	\$22,411	22.69%
	CRSP U.S. Telecommunications	81	\$93,526	\$15,811	\$3	\$412	\$1,155	16.90%
	CRSP U.S. Telecommunications Unconstrained		\$932,026	\$179,023	\$3	\$497	\$11,506	19.21%
	CRSP U.S. Health Care	881	\$5,302,607	\$444,694	\$2	\$195	\$6,019	8.39%
	CRSP U.S. Health Care Unconstrained CRSP U.S. Financials	616	\$5,302,607 \$4,685,305	\$444,694 \$529,626	\$2 \$3	\$195 \$716	\$6,019 \$7,606	8.39% 11.30%
	CRSP U.S. Financials Unconstrained	010	\$4,685,305	\$529,626 \$529,626	\$3	\$716 \$716	\$7,606 \$7,606	11.30%
	CRSP U.S. Real Estate	201	\$1,320,733	\$113,908	\$8	\$1,598	\$6,571	8.62%
	CRSP U.S. Real Estate Unconstrained		\$1,320,733	\$113,908	\$8	\$1,598	\$6,571	8.62%
Sector	CRSP U.S. Consumer Discretionary	567	\$5,560,552	\$817,107	\$2	\$833	\$9,807	14.69%
Indexes	CRSP U.S. Consumer Discretionary Unconstrained		\$5,560,552	\$817,107	\$2	\$833	\$9,807	14.69%
	CRSP U.S. Consumer Staples	150	\$216,181	\$32,610	\$3	\$127	\$1,441	15.08%
	CRSP U.S. Consumer Staples Unconstrained		\$2,159,231	\$325,976	\$3	\$1,150	\$14,395	15.10%
	CRSP U.S. Industrials	568	\$5,381,528	\$358,100	\$4	\$1,239	\$9,475	6.65%
	CRSP U.S. Industrials Unconstrained	400	\$5,381,528	\$358,100	\$4	\$1,239	\$9,475	6.65%
	CRSP U.S. Basic Materials	122	\$894,228 \$804,228	\$172,063 \$172,063	\$8 \$8	\$1,331 \$1,331	\$7,330 \$7,330	19.24%
	CRSP U.S. Basic Materials Unconstrained	184	\$894,228 \$1,016,007	\$172,063 \$452,642	\$8 \$5	\$1,331 \$1,030	\$7,330 \$10,418	19.24% 23.61%
	CRSP U.S. Energy CRSP U.S. Energy Unconstrained	104	\$1,916,907 \$1,916,907	\$452,642 \$452,642	\$5 \$5	\$1,030 \$1,030	\$10,418 \$10,418	23.61% 23.61%
	CRSP U.S. Utilities	88	\$1,213,081	\$141,148	\$ 7	\$4,412	\$13,785	11.64%
	CRSP U.S. Utilities Unconstrained		\$1,213,081	\$141,148	\$7	\$4,412	\$13,785	11.64%

Note: Data as of 2/28/2023; counts may not add up due to banding and migration, see appendix; CRSP U.S. Sector Indexes are constrained indexes, meaning that securities' weights within sector indexes are adjusted to comply with IRS Regulated Investment Company (RIC) rules. Sector indexes with "U" at the end of the name are not constrained to comply with IRS RIC rules. CRSP U.S. Sector Indexes based on Enhanced FTSE ICB® (EICB) methodology are used after 6/7/2020; CRSP U.S. Sector Indexes based on FTSE ICB® methodology are used prior to 6/5/2020. For more details on pairing between EICB-based and ICB-based CRSP U.S. Sector Indexes refer to our white paper and public announcement

APPENDIX – INDEX REFERENCE GUIDE

Index	Index Name (TR - Total Return, PR - Price Only Return)	Index Identifier	CUSIP	NASDAQ GIDS	Inception Date Open Val =	Bloomberg Ticker
Index	CRSP US Total Market Index (TR)	CRSPTMT	12628H109	Post Date 12/31/2012		BBG003PZ7F43
Total Market Index	CRSP US Total Market Index (PR)	CRSPTM1	12628G101	1/18/2011		BBG003F27143
CRSP Australian Hedged	CRSP US Total Market Index (AUD-hedged) (TR)	CRSPTAHT	12633D200	7/1/2015		BBG009J9GN20
Index	CRSP US Total Market Index (AUD-hedged) (PR)	CRSPTAH1	12633D101	7/1/2015		BBG009J9GN11
CRSP Australian Non- Hedged Index	CRSP US Total Market Total Return Index AUD (TR)	CRSPTMAT	12633D408	7/1/2015		BBG009J9GN48
-	CRSP US Total Market Index AUD (PR)	CRSPTMA1	12633D309	7/1/2015		BBG009J9GN39
CRSP Canadian Hedged Index	CRSP US Total Market Index (CAD-hedged) (TR)	CRSPTCHT	12630Y108	12/31/2012		BBG003PZ7F52
	CRSP US Total Market Index (CAD-hedged) (PR)	CRSPTCH1	12628G200	12/31/2012		BBG003PZ7F34
CRSP Canadian Non- Hedged Index	CRSP US Total Market Total Return Index CAD (TR)	CRSPTMCT	12632P204	4/15/2013		BBG004MFW5W1
Trougou much	CRSP US Total Market Index CAD (PR)	CRSPTMC1	12632M201	4/15/2013		BBG004MFW5V2
Mega Cap	CRSP US Mega Cap Index (TR) CRSP US Mega Cap Index (PR)	CRSPMET CRSPME1	12631H104 12627R108	12/31/2012 8/15/2011		BBG003PZ7F61 BBG001YCYN69
	CRSP US Mega Cap Growth Index (TR)	CRSPMEGT	12631K107	12/31/2012		BBG003PZ7F70
Mega Cap Growth	CRSP US Mega Cap Growth Index (PR)	CRSPMEG1	12630R103	10/1/2012		BBG003PZ7DH4
Mega Cap Value	CRSP US Mega Cap Value Index (TR)	CRSPMEVT	12631L105	12/31/2012		BBG003PZ7F89
• .	CRSP US Mega Cap Value Index (PR)	CRSPMEV1	12630T109	10/1/2012		BBG003PZ7DJ2
Large Cap (Mega + Mid)	CRSP US Large Cap Index (TR)	CRSPLCT	12631M103	12/31/2012		BBG003PZ7F98
Сар	CRSP US Large Cap Index (PR)	CRSPLC1	12627P102	8/15/2011		BBG001YCYN50
Large Cap Growth	CRSP US Large Cap Growth Index (TR)	CRSPLCGT	12631P106	12/31/2012		BBG003PZ7FB5
	CRSP US Large Cap Growth Index (PR) CRSP US Large Cap Value Index (TR)	CRSPLCVT	12630W102 12631R102	10/1/2012 12/31/2012		BBG003PZ7DK0 BBG003PZ7FC4
Large Cap Value	CRSP US Large Cap Value Index (TR)	CRSPLCV1	12631K102	10/1/2012		BBG003PZ7DL9
	CRSP US Mid Cap Index (TR)	CRSPMIT	12631T108	12/31/2012		BBG003PZ7FD3
Mid Cap	CRSP US Mid Cap Index (PR)	CRSPMI1	12627W107	8/15/2011		BBG001YCYN87
Mid Can Crawth	CRSP US Mid Cap Growth Index (TR)	CRSPMIGT	12628N106	12/31/2012		BBG003PZ7FF1
Mid Cap Growth	CRSP US Mid Cap Growth Index (PR)	CRSPMIG1	12631A109	10/1/2012	9/10/2012	BBG003PZ7DM8
Mid Cap Value	CRSP US Mid Cap Value Index (TR)	CRSPMIVT	12629L109	12/31/2012		BBG003PZ7FG0
cap raido	CRSP US Mid Cap Value Index (PR)	CRSPMIV1	12631C105	10/1/2012		BBG003PZ7DN7
Small-Mid Cap	CRSP US Small-Mid Cap Index (TR)	CRSPSMT	12591C103	3/10/2014		BBG0069LWSJ3
	CRSP US Small-Mid Cap Index (PR) CRSP US Small-Mid Cap Growth Index (TR)	CRSPSM1 CRSPSMGT	12632T107 12591P104	3/10/2014 3/10/2014		BBG0069LWSH5 BBG0069LWSF7
Small-Mid Cap Growth	CRSP US Small-Mid Cap Growth Index (PR)	CRSPSMG1	12591M101	3/10/2014		BBG0069LWSC0
	CRSP US Small-Mid Cap Value Index (TR)	CRSPSMVT	12591L103	3/10/2014		BBG0069LWSG6
Small-Mid Cap Value	CRSP US Small-Mid Cap Value Index (PR)	CRSPSMV1	12591E109	3/10/2014	9/10/2012	BBG0069LWSD9
Small Cap	CRSP US Small Cap Index (TR)	CRSPSCT	12630N102	12/31/2012	4/1/2011	BBG003PZ7FH9
Siliali Cap	CRSP US Small Cap Index (PR)	CRSPSC1	12628A104	8/15/2011		BBG001YCYNB3
Small Cap Growth	CRSP US Small Cap Growth Index (TR)	CRSPSCGT	12630V104	12/31/2012		BBG003PZ7FJ7
	CRSP US Small Cap Growth Index (PR)	CRSPSCG1	12631E101	10/1/2012		BBG003PZ7DP5
Small Cap Value	CRSP US Small Cap Value Index (TR) CRSP US Small Cap Value Index (PR)	CRSPSCVT CRSPSCV1	12631N101 12631F108	12/31/2012 10/1/2012		BBG003PZ7FK5 BBG003PZ7DQ4
	CRSP US Micro Cap Index (TR)	CRSPMCT	12631V103	12/31/2012		BBG003PZ7FL4
Micro Cap Index	CRSP US Micro Cap Index (PR)	CRSPMC1	12627T104	8/15/2011		BBG0031 271 L4
	CRSP ISS US Large Cap ESG Prime Index (TR)	CLESGPT	12657Y205	9/7/2021		BBG012CHZKD6
CRSP ISS ESG Prime	CRSP ISS US Large Cap ESG Prime Index (PR)	CLESGP	12657Y106	9/7/2021	9/7/2021	BBG012CHZK64
CRSP ISS ESG Non-Prime	CRSP ISS US Large Cap ESG Non-Prime Index (TR)	CLESGNPT	12658A206	9/7/2021	9/7/2021	BBG012CHZKF4
CRSP 133 E3G NOII-FIIIIle	CRSP ISS US Large Cap ESG Non-Prime Index (PR)	CLESGNP	12658A107	9/7/2021		BBG012CHZK73
CRSP ISS ESG	CRSP ISS US Large Cap ESG Index (TR)	CLESGT	12658D200	9/7/2021		BBG012CHZKG3
	CRSP ISS US Large Cap ESG Index (PR)	CLESG	12658D101	9/7/2021	9/7/2021	BBG012CHZK82
CRSP ISS ESG Remainder	CRSP ISS US Large Cap ESG Remainder Index (TR)	CLESGRT	12658E208	9/7/2021	9/7/2021	BBG012CHZKH2
	CRSP ISS US Large Cap ESG Remainder Index (PR) CRSP ISS US Large Cap ESG Industry Balanced	CLESGR	12658E109	9/7/2021	9/7/2021	BBG012CHZK91
CRSP ISS ESG Industry Balanced	Index (TR) CRSP ISS US Large Cap ESG Industry Balanced CRSP ISS US Large Cap ESG Industry Balanced	CLESGBT	12658F205	9/7/2021	9/7/2021	BBG012CHZKJ0
- Dulanoeu	Index (PR) CRSP ISS US Large Cap ESG Industry Balanced CRSP ISS US Large Cap ESG Industry Balanced	CLESGB	12658F106	9/7/2021	9/7/2021	BBG012CHZKB8
CRSP ISS ESG Industry Balanced Remainder	Remainder Index (TR) CRSP ISS US Large Cap ESG Industry Balanced CRSP ISS US Large Cap ESG Industry Balanced	CLESGBRT	12658K204	9/7/2021	9/7/2021	BBG012CHZKK8
Dalancea Nemaniuei	Remainder Index (PR)	CLESGBR	12658K105	9/7/2021	9/7/2021	BBG012CHZKC7

					Inception Date	
	Index Name	Index		NASDAQ GIDS	Open Val =	
Index	(TR - Total Return, PR - Price Only Return)	Identifier	CUSIP	Post Date	1000	Bloomberg Ticker
Consumer Staples	CRSP US Consumer Staples Index (TR)	CRSPCST	12631W101	12/31/2012	2/1/2012	BBG003PZ7FM3
Consumer Staples	CRSP US Consumer Staples Index (PR)	CRSPCS1	12630G107	7/16/2012	2/1/2012	BBG003PZ7DR3
Consumer Discretionary	CRSP US Consumer Discretionary Index (TR)	CRSPCDT	12631X109	12/31/2012	2/1/2012	BBG00VC1QCP3
Consumer Discretionary	CRSP US Consumer Discretionary Index (PR)	CRSPCD1	12630J101	7/16/2012	2/1/2012	BBG00VC1Q658
Energy	CRSP US Energy Index (TR)	CRSPENT	12631Y107	12/31/2012	2/1/2012	BBG003PZ7FP0
Lifergy	CRSP US Energy Index (PR)	CRSPEN1	12630A100	7/16/2012	2/1/2012	BBG003PZ7DT1
Financials	CRSP US Financials Index (TR)	CRSPFNT	12632A108	12/31/2012	2/1/2012	BBG003PZ7FQ9
rillaliciais	CRSP US Financials Index (PR)	CRSPFN1	12630M104	7/16/2012	2/1/2012	BBG003PZ7DV8
Health Care	CRSP US Health Care Index (TR)	CRSPHCT	12632C104	12/31/2012	2/1/2012	BBG003PZ7FR8
nealth Care	CRSP US Health Care Index (PR)	CRSPHC1	12630H105	7/16/2012	2/1/2012	BBG003PZ7DW7
la desertable	CRSP US Industrials Index (TR)	CRSPIDT	12632E100	12/31/2012	2/1/2012	BBG003PZ7FS7
Industrials	CRSP US Industrials Index (PR)	CRSPID1	12630F109	7/16/2012	2/1/2012	BBG003PZ7DX6
Tachnalagy	CRSP US Technology Index (TR)	CRSPITT	12632F107	12/31/2012	2/1/2012	BBG003PZ7FT6
Technology	CRSP US Technology Index (PR)	CRSPIT1	12630P107	7/16/2012	2/1/2012	BBG003PZ7DY5
Basic Materials	CRSP US Basic Materials Index (TR)	CRSPMTT	12632G105	12/31/2012	2/1/2012	BBG003PZ7FV3
basic materials	CRSP US Basic Materials Index (PR)	CRSPMT1	12630E102	7/16/2012	2/1/2012	BBG003PZ7DZ4
Telecommunications	CRSP US Telecommunications Index (TR)	CRSPTET	12632H103	12/31/2012	2/1/2012	BBG003PZ7FW2
relecommunications	CRSP US Telecommunications Index (PR)	CRSPTE1	12630K108	7/16/2012	2/1/2012	BBG003PZ7F07
Utilities	CRSP US Utilities Index (TR)	CRSPUTT	12632J109	12/31/2012	2/1/2012	BBG003PZ7FX1
otilities	CRSP US Utilities Index (PR)	CRSPUT1	12630L106	7/16/2012	2/1/2012	BBG003PZ7F16
Real Estate	CRSP US Real Estate Index (TR)	CRSPRET	12632K106	12/31/2012	4/1/2011	BBG003PZ7FY0
Real Estate	CRSP US Real Estate Index (PR)	CRSPRE1	12627X105	8/15/2011	4/1/2011	BBG001YCYN96
Small Can an Back Fatata	CRSP US Small Cap ex-Real Estate Index (TR)	CRSPSXT	12632L104	12/31/2012	2/1/2012	BBG003PZ7FZ9
Small Cap ex-Real Estate	CRSP US Small Cap ex-Real Estate Index (PR)	CRSPSX1	12631G106	10/1/2012	9/10/2012	BBG003PZ7F25

APPENDIX - LIST OF ETFS/MUTUAL FUNDS USING CRSP INDEXES

ETFS

Index Info	rmation Ticker	Ticker	Fund Information URL
Mega Cap	CRSPMET	MGC	https://investor.vanguard.com/investment-products/etfs/profile/mgc
Mega Cap Growth	CRSPMEGT	MGK	https://investor.vanguard.com/investment-products/etfs/profile/mgk
Mega Cap Value	CRSPMEVT	MGV	https://investor.vanguard.com/investment-products/etfs/profile/mgv
Large Cap Large Cap Growth Large Cap Value	CRSPLCT CRSPLCGT CRSPLCVT	VV VUG VTV	https://investor.vanguard.com/investment-products/etfs/profile/vv https://investor.vanguard.com/investment-products/etfs/profile/vug https://investor.vanguard.com/investment-products/etfs/profile/vtv
Mid Cap Mid Cap Growth Mid Cap Value	CRSPMIT CRSPMIGT CRSPMIVT	VO VOT VOE	https://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/investment-products/etfs/profile/vohttps://investor.vanguard.com/i
Small Cap Small Cap Growth Small Cap Value	CRSPSCT CRSPSCGT CRSPSCVT	VB VBK VBR	https://investor.vanguard.com/investment-products/etfs/profile/vbhttps://investor.vanguard.com/investment-products/etfs/profile/vbhttps://investor.vanguard.com/investment-products/etfs/profile/vbr
Total Market Canadian Hedged* Canadian Non- Hedged*	CRSPTMT CRSPTCHT CRSPTMCT	VTI VUS VUN	https://investor.vanguard.com/investment-products/etfs/profile/vti https://www.vanguard.ca/en/advisor/products/products-group/etfs/VUS https://www.vanguard.ca/en/advisor/products/products-group/etfs/VUN

MUTUAL FUNDS

Index Info	rmation Ticker	Ticker	Fund Information URL
Mega Cap	CRSPME1	VMCTX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vmctx
Mega Cap Growth	CRSPMEG1	VMGAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vmgax
Mega Cap Value	CRSPMEV1	VMVLX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vmvlx
Large Cap	CRSPLC1	VLCAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vlcax
Large Cap Growth	CRSPLCG1	VIGAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vigax
Large Cap Value	CRSPLCV1	VIVIX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vivix
Mid Cap	CRSPMI1	VVAMCIV	https://advisors.vanguard.com/investments/products/0288/vanguard-variable-insurance-fund-mid-cap-index-portfolio
Mid Cap	CRSPMI1	VIMAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vimax
Mid Cap Growth	CRSPMIG1	VMGMX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vmgmx
Mid Cap Value	CRSPMIV1	VMVAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vmvax
Small Cap	CRSPSC1	VSMAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vsmax
Small Cap Growth	CRSPSCG1	VSGAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vsgax
Small Cap Value	CRSPSCV1	VSIAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vsiax
Total Market	CRSPTM1	VBIAX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vbiax
Total Market	CRSPTM1	VITPX	https://investor.vanguard.com/investment-products/mutual-funds/profile/vitpx
Total Market	CRSPTM1	VTSMX	https://institutional.vanguard.com/investments/product-details/fund/0585

APPENDIX - DEFINITIONS

Count: Number of companies contained within the index. A single company may have multiple securities associated with it. Counts for individual cap indexes may not add up to counts for the combined cap index due to banding and migration. For example, number of companies in Mega Cap Index plus number of companies in Mid Cap Index may not add up to number of companies in Large Cap. For more information regarding banding and migration please refer to the CRSP Methodology.

Float-Adjusted Market Cap: represents the float-adjusted market capitalization of a company as described in the <u>CRSP Methodology</u>. For sector indexes that had to be constrained to comply with IRS Regulated Investment Company rules, it means that the company's float adjusted market cap may have been adjusted further per our methodology.

Median Company: Median float-adjusted market capitalization of a company included in the index

Average Company: Average float-adjusted market capitalization of a company included in the index

Returns: total index returns are used in computations, with 1-, 3- and 5-year returns annualized

ISS ESG Performance Score: An ESG metric assigned by ISS based on its ISS ESG Corporate Rating, allowing direct comparisons of companies in different industries. ISS Performance Score is a numeric value between 0 and 100. See https://www.issgovernance.com/esg/ratings/ for ISS definitions.

ISS Prime Indicator: A flag set by ISS for a company based on whether its ISS ESG Performance Score is at least 50. If a company meets the minimum threshold it is designated as Prime, and if not it is designated as Non-Prime. See https://www.issgovernance.com/esg/ratings/ for ISS definitions.

Portfolio ISS ESG Performance Score: Portfolio ISS ESG Performance Score is computed by weighting securities' ISS ESG Performance Score by the corresponding weight in the index

Citing CRSP

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