



ABOUT CRSP



CENTER FOR RESEARCH IN SECURITY PRICES

An Affiliate of the University of Chicago

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 600 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



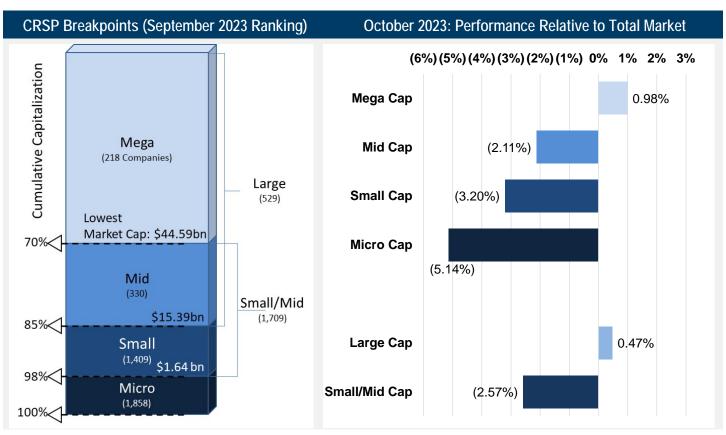
S Z Z	Technology	5.74%	(8.34%)	11.41%	0.66%	10.67%	(0.21%)	10.77%	6.16%	4.27%	(2.34%)	(6.05%)	(0.93%)
MONTHLY RETURI	Media & Communications	4.14%	(5.91%)	8.55%	(3.92%)	1.46%	(2.63%)	(2.42%)	4.99%	0.71%	3.86%	(5.86%)	(1.68%)
	Healthcare	4.44%	(1.86%)	(0.75%)	(4.54%)	1.99%	3.22%	(3.85%)	4.18%	0.88%	(0.94%)	(3.75%)	(3.90%)
	Financials	6.19%	(5.70%)	7.17%	(2.00%)	(10.06%)	2.36%	(4.07%)	6.74%	6.93%	(3.40%)	(2.89%)	(3.01%)
	Real Estate & REITs	6.06%	(5.10%)	10.22%	(6.00%)	(2.12%)	0.52%	(3.82%)	5.74%	2.07%	(3.31%)	(7.23%)	(3.51%)
	Consumer Discretionary	2.19%	(10.46%)	14.87%	(2.60%)	2.25%	(0.72%)	0.85%	10.55%	2.98%	(2.55%)	(5.95%)	(4.42%)
	Consumer Staples	5.62%	(2.16%)	(1.97%)	(2.38%)	3.35%	3.84%	(5.82%)	3.39%	2.13%	(3.84%)	(3.90%)	(2.10%)
INDEXES	Industrials	6.65%	(3.97%)	6.43%	(1.74%)	0.05%	(0.50%)	(2.87%)	10.35%	3.09%	(1.52%)	(5.34%)	(3.57%)
	Materials	10.79%	(5.36%)	11.41%	(2.64%)	(1.64%)	(1.42%)	(7.34%)	10.89%	3.94%	(3.53%)	(4.96%)	(3.95%)
SECTOR	Energy	1.57%	(4.47%)	2.87%	(6.79%)	(0.85%)	1.60%	(8.93%)	7.22%	7.94%	1.33%	2.13%	(5.44%)
	Utilities	7.06%	(1.64%)	(1.36%)	(5.14%)	4.64%	1.69%	(5.22%)	2.16%	1.63%	(5.97%)	(5.39%)	0.35%
n		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23

Note: Data as of 10/31/2023; 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; after 9/5/2023, CRSP U.S. Sector Indexes use ICE's Uniform Entity Sectors classification system; CRSP U.S. Sector Indexes were based on Enhanced ICB (EICB) methodology between 6/7/2020 and 9/5/2023; CRSP U.S. Sector Indexes were based on ICB methodology prior to 6/5/2020; 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

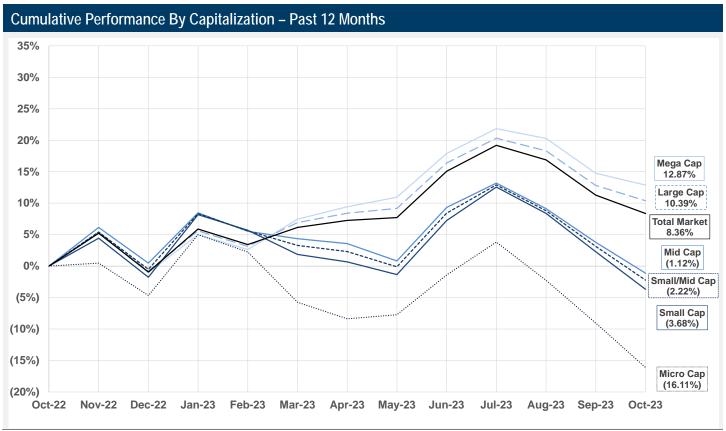
CRSF	CRSP U.S. Cap and Style Indexes Performance										
		Index		Float-Adjusted			VCTD	Return for			10.1/
Category	Index Name	Ticker	Count	Market Cap (\$M)	1 Month	3 Months	YTD	1 Year	3 Years	5 Years	10 Years
Total Market	CRSP U.S. Total Market	CRSPTMT	3,715	\$40,472,266	(2.62%)	(9.08%)	9.39%	8.36%	9.08%	10.17%	10.48%
	CRSP U.S. Mega Cap	CRSPMET	218	\$29,912,136	(1.64%)	(7.37%)	14.05%	12.87%	10.44%	11.64%	11.63%
	CRSP U.S. Mid Cap	CRSPMIT	330	\$5,831,433	(4.73%)	(12.64%)	(1.59%)	(1.12%)	5.59%	7.35%	8.19%
	CRSP U.S. Small Cap	CRSPSCT	1,409	\$4,269,972	(5.82%)	(14.42%)	(1.94%)	(3.68%)	5.81%	5.54%	6.97%
Сар	CRSP U.S. Micro Cap	CRSPMCT	1,858	\$458,726	(7.76%)	(19.19%)	(11.99%)	(16.11%)	0.08%	0.75%	4.66%
	CRSP U.S. Large Cap	CRSPLCT	529	\$35,743,568	(2.16%)	(8.26%)	11.24%	10.39%	9.61%	10.92%	11.06%
	CRSP U.S. Small Mid Cap	CRSPSMT	1,709	\$10,101,404	(5.20%)	(13.41%)	(1.73%)	(2.22%)	5.72%	6.54%	-
	CRSP U.S. Mega Value	CRSPMEVT	141	\$13,172,387	(2.29%)	(7.20%)	(1.78%)	0.94%	12.74%	8.25%	9.40%
	CRSP U.S. Mid Value	CRSPMIVT	191	\$3,082,686	(3.66%)	(11.63%)	(5.16%)	(3.50%)	9.75%	6.19%	7.55%
Value	CRSP U.S. Small Value	CRSPSCVT	824	\$2,438,438	(4.86%)	(12.57%)	(2.95%)	(3.30%)	12.30%	5.84%	7.19%
	CRSP U.S. Large Value	CRSPLCVT	336	\$16,284,156	(2.65%)	(8.08%)	(2.51%)	(0.07%)	12.22%	7.83%	9.08%
	CRSP U.S. Small Mid Value	CRSPSMVT	1036	\$5,643,823	(4.04%)	(11.92%)	(4.33%)	(3.90%)	11.01%	6.00%	-
	CRSP U.S. Mega Growth	CRSPMEGT	86	\$11,845,545	(1.07%)	(7.47%)	30.98%	24.88%	8.56%	14.77%	13.82%
	CRSP U.S. Mid Growth	CRSPMIGT	153	\$2,748,747	(5.91%)	(13.74%)	2.47%	1.48%	1.45%	8.10%	8.61%
Growth	CRSP U.S. Small Growth	CRSPSCGT	636	\$1,831,533	(7.08%)	(16.79%)	(0.38%)	(4.13%)	(2.34%)	4.27%	6.23%
	CRSP U.S. Large Growth	CRSPLCGT	215	\$19,459,413	(1.73%)	(8.41%)	26.12%	20.93%	7.35%	13.73%	12.93%
	CRSP U.S. Small Mid Growth	CRSPSMGT	747	\$4,457,582	(6.62%)	(15.22%)	1.74%	(0.03%)	(0.02%)	6.56%	-

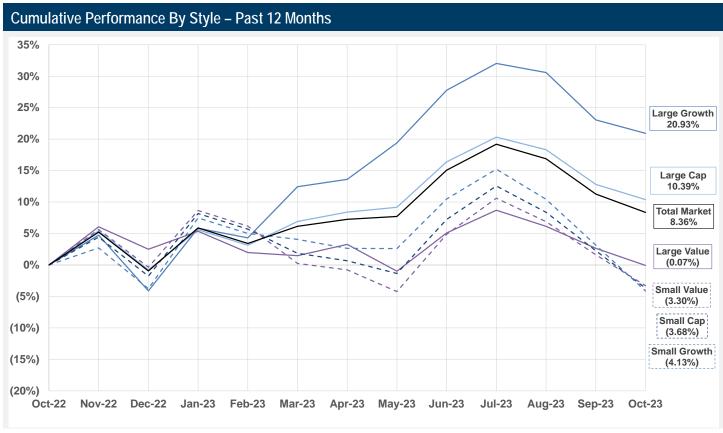
Note: Data as of 10/31/2023; returns computation is based on total returns; data for 1-, 3-, 5-, and 10-years is annualized; counts may not add up due to banding and migration, see appendix; CRSP U.S. Mega Growth securities' weights within are adjusted to comply with IRS Regulated Investment Company rules.



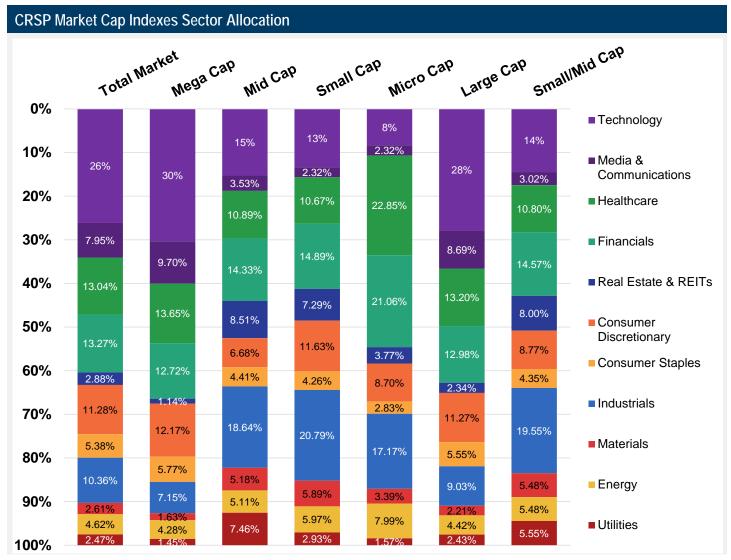
Note: Data for lowest market capitalization is based on 8/31/2023 random price date; company counts as of 10/31/2023; counts may not add up due to banding and migration, see appendix

Note: Data as of 10/31/2023; returns computation is based on total returns





Note: Data as of 10/31/2023; returns computation is based on total returns



Note: Data as of 10/31/2023; Sector weights are computed using company's assignment to the industry as defined by ICE's Uniform Entity Sectors classification system; sector weights are based on float-adjusted market cap weights

CRSP U.S. SECTOR INDEXES PERFORMANCE

CRSF	U.S. Sector Indexes Perf	ormance	<u>;</u>								
Catagory	Index Name	Index Ticker	Count	Float-Adjusted Market Cap (\$M)	1 Month	3 Months	YTD	Return for	3 Years	5 Years	10 Years
Total Market	CRSP U.S. Total Market	CRSPTMT	3,715	\$40,472,266	(2.62%)	(9.08%)	9.39%	8.36%	9.08%	10.17%	10.48%
	CRSP U.S. Technology CRSP U.S. Technology Unconstrained	CRSPITT	480	\$1,054,259 \$10,575,151	(0.93%)	(9.10%)	38.04%	33.79%	12.55%	19.05%	18.62%
	CRSP U.S. Media & Communications CRSP U.S. Media & Communications Unconst	CRSPTET trained	148	\$318,221 \$3,215,619	(1.68%)	(3.86%)	2.20%	0.15%	(0.60%)	1.68%	3.66%
	CRSP U.S. Healthcare CRSP U.S. Healthcare Unconstrained	CRSPHCT	812	\$5,277,461 \$5,277,461	(3.90%)	(8.37%)	(7.65%)	(5.35%)	5.07%	7.37%	10.37%
	CRSP U.S. Financials CRSP U.S. Financials Unconstrained	CRSPFNT	630	\$5,372,611 \$5,372,611	(3.01%)	(9.01%)	(3.67%)	(3.54%)	12.16%	7.68%	9.30%
	CRSP U.S. Real Estate & REITs CRSP U.S. Real Estate & REITs Unconstraine	CRSPRET	197	\$1,164,489 \$1,164,489	(3.51%)	(13.45%)	(8.42%)	(7.83%)	1.93%	2.55%	5.49%
Sector Indexes	CRSP U.S. Consumer Discretionary CRSP U.S. Consumer Discretionary Unconstra	CRSPCDT	400	\$454,686 \$4,564,998	(4.42%)	(12.40%)	14.23%	4.52%	1.91%	7.64%	9.94%
	CRSP U.S. Consumer Staples CRSP U.S. Consumer Staples Unconstrained	CRSPCST	148	\$217,422 \$2,179,244	(2.10%)	(9.54%)	(7.61%)	(4.52%)	7.33%	8.06%	7.61%
	CRSP U.S. Industrials CRSP U.S. Industrials Unconstrained	CRSPIDT	524	\$4,193,246 \$4,193,246	(3.57%)	(10.11%)	3.40%	5.89%	7.79%	8.83%	9.46%
	CRSP U.S. Materials CRSP U.S. Materials Unconstrained	CRSPMTT	147	\$1,057,656 \$1,057,656	(3.95%)	(11.94%)	(1.08%)	3.72%	11.23%	9.08%	6.94%

\$246,290

\$1,871,062 **\$1,000,716**

\$1,000,716

(5.44%)

0.35%

(2.14%)

(10.72%)

(0.36%)

(12.53%)

(3.31%)

(7.88%)

48.15%

2.80%

9.19%

5.60%

2.84%

8.18%

October 2023: Sector Performance Relative to Total Market

CRSPENT

CRSPUTT

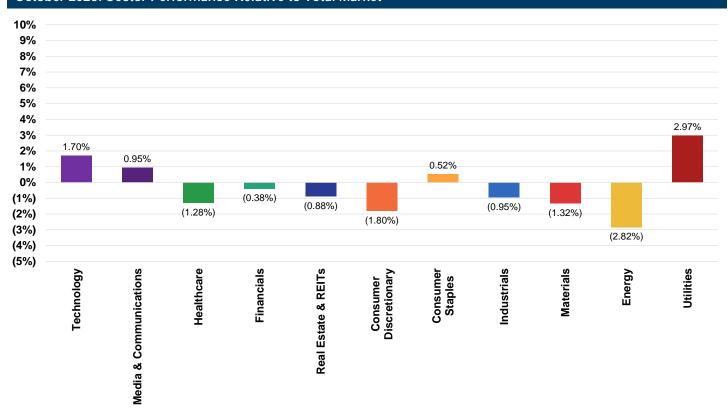
156

72

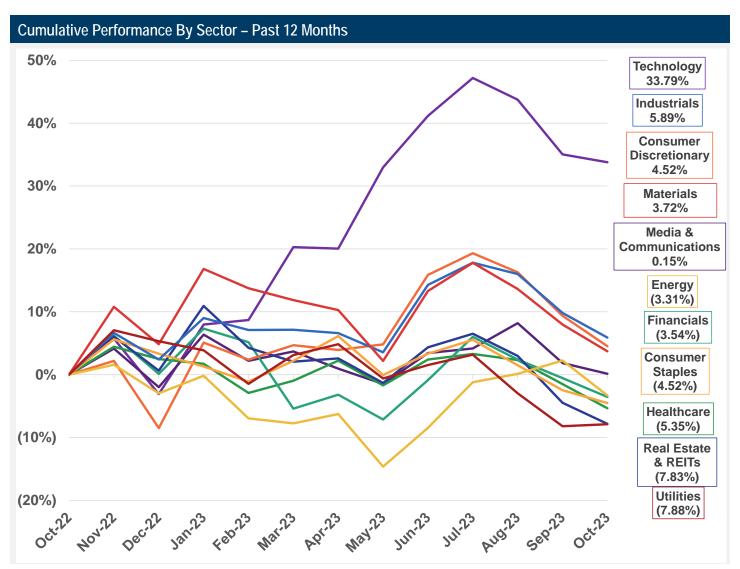
CRSP U.S. Energy

CRSP U.S. Energy Unconstrained CRSP U.S. Utilities

CRSP U.S. Utilities Unconstrained



Note: Data as of 10/31/2023; returns computation is based on total returns; data for 1-, 3-, 5-, and 10-years is annualized. 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; after 9/5/2023, CRSP U.S. Sector Indexes use ICE's Uniform Entity Sectors classification system; CRSP U.S. Sector Indexes were based on Enhanced ICB (EICB) methodology between 6/7/2020 and 9/5/2023; CRSP U.S. Sector Indexes were based on ICB methodology prior to 6/5/2020



Note: Data as of 10/31/2023; returns computation is based on total returns; 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; after 9/5/2023, CRSP U.S. Sector Indexes use ICE's Uniform Entity Sectors classification system; CRSP U.S. Sector Indexes were based on Enhanced ICB (EICB) methodology between 6/7/2020 and 9/5/2023; CRSP U.S. Sector Indexes were based on ICB methodology prior to 6/5/2020

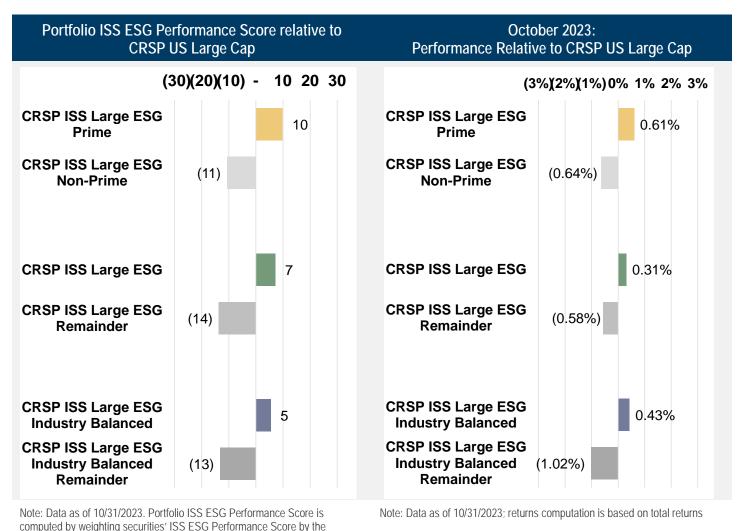
CRSP ISS U.S. LARGE CAP ESG INDEXES PERFORMANCE

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

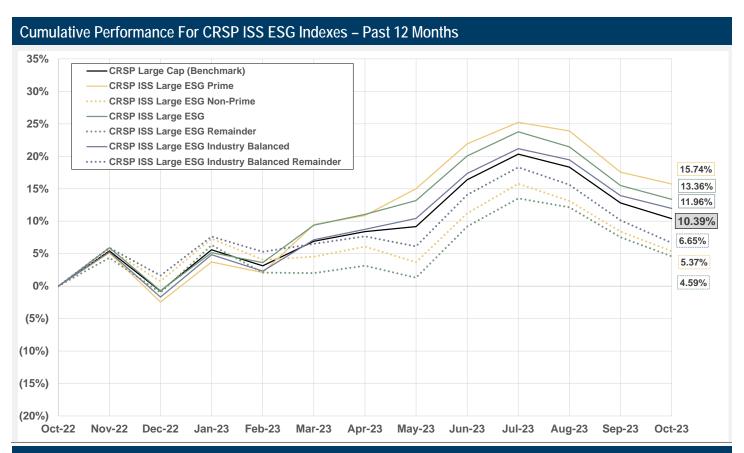
CRSP	CRSP ISS U.S. Large Cap ESG Indexes Performance										
		Index		Float-Adjusted			Retu	Return for			
Category	Index Name	Ticker	Count	Market Cap (\$M)	1 Month	3 Months	YTD	1 Year	3 Years	5 Years	
	CRSP U.S. Large Cap	CRSPLCT	529	\$35,743,568	(2.16%)	(8.26%)	11.24%	10.39%	9.61%	10.92%	
Prime	CRSP ISS Large ESG Prime	CLESGPT	164	\$18,624,382	(1.55%)	(7.57%)	18.65%	15.74%	12.37%	15.76%	
Fillie	CRSP ISS Large ESG Non-Prime	CLESGNPT	365	\$17,119,186	(2.80%)	(8.98%)	4.58%	5.37%	7.21%	7.92%	
ESG	CRSP ISS Large ESG	CLESGT	265	\$23,456,603	(1.85%)	(8.41%)	14.17%	13.36%	10.23%	11.72%	
E3G	CRSP ISS Large ESG Remainder	CLESGRT	264	\$12,286,965	(2.73%)	(7.87%)	5.65%	4.59%	8.36%	9.10%	
ESG Industry	CRSP ISS Large ESG Industry Balanced	CLESGBT	266	\$25,256,944	(1.73%)	(7.60%)	13.88%	11.96%	9.94%	11.19%	
Balanced	CRSP ISS Large ESG Industry Balanced Remainder	CLESGBRT	263	\$10,486,624	(3.18%)	(9.85%)	4.95%	6.65%	8.90%	10.33%	

Note: Data as of 10/31/2023; 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

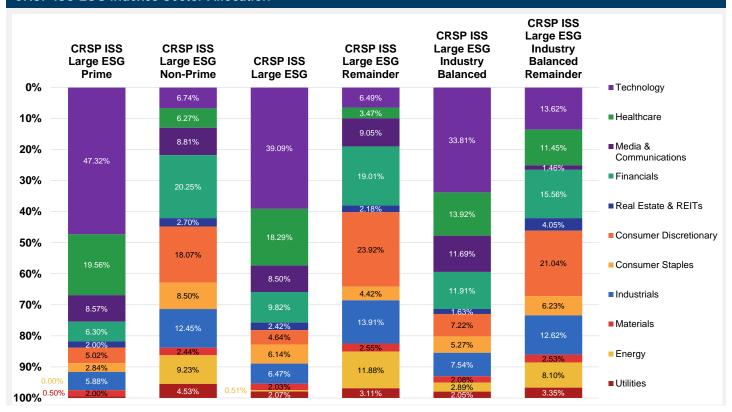
For definitions of ISS Prime Indicator, ISS ESG Performance Score see Appendix. For more information on ISS ESG Methodology please visit https://www.issgovernance.com/esg/ratings/.



corresponding weight in the index



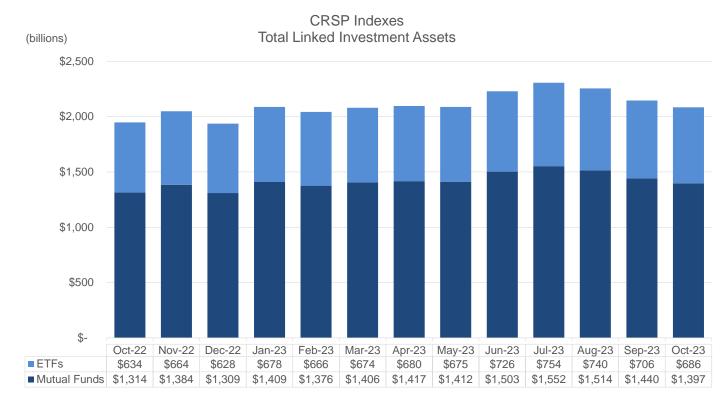
CRSP ISS ESG Indexes Sector Allocation



Note: Data as of 10/31/2023; returns computation is based on total returns; Sector weights are computed using company's assignment to the industry as defined by ICE's Uniform Entity Sectors classification system; sector weights are based on float-adjusted market cap weights

CRSP U.S. INDEXES LINKED ASSETS

				Linked A	Assets (\$B) as of	10/31/23
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)	CRSPTMT	12/31/2012	\$297.78		\$1,345.44
Otal Market	CRSP US Total Market Index (PR)	CRSPTM1	1/18/2011		\$1,047.66	φ1,343.44
CRSP Canadian Hedged	CRSP US Total Market Index (CAD-hedged) (TR)	CRSPTCHT	12/31/2012	\$0.53		\$0.53
KSP Canadian nedged	CRSP US Total Market Index (CAD-hedged) (PR)	CRSPTCH1	12/31/2012			Φ 0.5.
CRSP Canadian Non-Hedged	CRSP US Total Market Total Return Index CAD (TR)	CRSPTMCT	4/15/2013	\$4.50		\$4.5
KSP Canadian Non-nedged	CRSP US Total Market Total Return Index CAD (PR)	CRSPTMC1	4/15/2013			\$4.5
Iona Can	CRSP US Mega Cap Index (TR)	CRSPMET	12/31/2012	\$4.06		640
lega Cap	CRSP US Mega Cap Index (PR)	CRSPME1	8/15/2011		\$0.19	\$4.2
Anna One Onesith	CRSP US Mega Cap Growth Index (TR)	CRSPMEGT	12/31/2012	\$13.66		***
lega Cap Growth	CRSP US Mega Cap Growth Index (PR)	CRSPMEG1	10/1/2012		\$0.03	\$13.6
1 O V-l	CRSP US Mega Cap Value Index (TR)	CRSPMEVT	12/31/2012	\$5.72		^
lega Cap Value	CRSP US Mega Cap Value Index (PR)	CRSPMEV1	10/1/2012		\$0.11	\$5.8
	CRSP US Large Cap Index (TR)	CRSPLCT	12/31/2012	\$26.80		
arge Cap	CRSP US Large Cap Index (PR)	CRSPLC1	8/15/2011		\$12.78	\$39.58
	CRSP US Large Cap Growth Index (TR)	CRSPLCGT	12/31/2012	\$88.57		
arge Cap Growth	CRSP US Large Cap Growth Index (PR)	CRSPLCG1	10/1/2012		\$82.15	\$170.7
0. 77.1	CRSP US Large Cap Value Index (TR)	CRSPLCVT	12/31/2012	\$94.64		
arge Cap Value	CRSP US Large Cap Value Index (PR)	CRSPLCV1	10/1/2012		\$44.75	\$139.
r.10	CRSP US Mid Cap Index (TR)	CRSPMIT	12/31/2012	\$49.95		
lid Cap	CRSP US Mid Cap Index (PR)	CRSPMI1	8/15/2011		\$84.80	\$134.7
	CRSP US Mid Cap Growth Index (TR)	CRSPMIGT	12/31/2012	\$9.81		
lid Cap Growth	CRSP US Mid Cap Growth Index (PR)	CRSPMIG1	10/1/2012	•	\$9.28	\$19.0
	CRSP US Mid Cap Value Index (TR)	CRSPMIVT	12/31/2012	\$14.32	,	
lid Cap Value	CRSP US Mid Cap Value Index (PR)	CRSPMIV1	10/1/2012	•	\$10.64	\$24.
	CRSP US Small Cap Index (TR)	CRSPSCT	12/31/2012	\$41.05	,	
mall Cap	CRSP US Small Cap Index (PR)	CRSPSC1	8/15/2011	•	\$69.66	\$110.
	CRSP US Small Cap Growth Index (TR)	CRSPSCGT	12/31/2012	\$12.43	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
mall Cap Growth	CRSP US Small Cap Growth Index (PR)	CRSPSCG1	10/1/2012	Ţ	\$13.95	\$26.
	CRSP US Small Cap Value Index (TR)	CRSPSCVT	12/31/2012	\$22.64	7.2.20	_
mall Cap Value	CRSP US Small Cap Value Index (PR)	CRSPSCV1	10/1/2012	422.3 4	\$21.18	\$43.
			tal Linked Assets			



Note: Data as of 10/31/2023

RECENT NEWS ABOUT CRSP

- Article: How Big Tech Broke Smaller-Company Investing
 - Summary: Impact of changing market on the count-based indexes
 - CRSP Products: CRSP US Stock Databases
 - Publication: WSJ
- Article: Index Providers Disagree on Growth and Value
 - Summary: CRSP Market Indexes (CRSPMI) have been designed under the premise that an index must reflect the way money managers actually invest. We think it is absolutely critical for investors to learn more about our transparent, clear and unbiased methodology that employs an innovative migration process to minimize turnover costs by reading our <u>Key Concepts</u>
 - CRSP Products: <u>CRSP Investment Indexes</u>
 - Publication: Morningstar
- 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.
 - CRSP Products: CRSP Investment Indexes
 - o Publication: Morningstar
- Article: Why Vanguard Total Stock Market Index Is One of the Best
 - Summary: Overview of Vanguard's more than \$1 trillion Total Market fund based on CRSP US Total Market Index
 - CRSP Products: CRSP Investment Indexes
 - Publication: Morningstar
- Article: Passive ETFs hit by billion-dollar rebalancing costs
 - Summary: Impact of rebalancing costs
 - CRSP Products: <u>CRSP Investment Indexes</u>
 - 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
 - o CRSP Products: <u>CRSP Investment Indexes</u>
 - 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
- CRSPMI Intraday
- CRSP/Compustat Merged Database
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- CRSP/Ziman Real Estate Database
- CRSP Survivor-Bias-Free US Mutual Funds
- CRSP Cap-Based Portfolio Index
- CRSPMI 2013 Historical Indexes

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 quick reference guide 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 direct client feed, secure website and approved third-party redistributors.

APPENDIX - CRSP U.S. INDEXES DESCRIPTIVE INFORMATION

Category	Index Name (Count	Float-Adjusted Market Cap (\$M)	Largest Company (\$M)	Smallest Company (\$M)	Median Company (\$M)	Average Company (\$M)	Largest Company Weight (%)
		3,715	\$40,472,266	\$2,536,365	\$2	\$662	\$10,894	6.27%
	CRSP U.S. Mega Cap	218	\$29,912,136	\$2,536,365	\$8,163	\$68,939	\$137,212	8.48%
	CRSP U.S. Mid Cap	330	\$5,831,433	\$50,750	\$413	\$16,103	\$17,671	0.87%
	CRSP U.S. Small Cap	1,409	\$4,269,972	\$18,705	\$7	\$2,223	\$3,030	0.44%
Сар	CRSP U.S. Micro Cap	1,858	\$458,726	\$2,755	\$2	\$111	\$247	0.60%
	CRSP U.S. Large Cap	529	\$35,743,568	\$2,536,365	\$413	\$27,741	\$67,568	7.10%
	CRSP U.S. Small Mid Cap	1,709	\$10,101,404	\$50,750	\$7	\$2,894	\$5,911	0.50%
	CRSP U.S. Mega Value	141	\$13,172,387	\$625,233	\$6,528	\$62,744	\$93,421	4.75%
	CRSP U.S. Mid Value	191	\$3,082,686	\$50,750	\$854	\$15,055	\$16,140	1.65%
Value	CRSP U.S. Small Value	824	\$2,438,438	\$15,983	\$7	\$2,140	\$2,959	0.66%
	CRSP U.S. Large Value	336	\$16,284,156	\$625,233	\$854	\$23,384	\$48.465	3.84%
		1,036	\$5,643,823	\$50,750	\$7	\$2,723	\$5,448	0.90%
	CRSP U.S. Mega Growth	86	\$11,845,545	\$1,794,954	\$6,528	\$47,918	\$137,739	15.15%
	CRSP U.S. Mid Growth	153	\$2,748,747	\$48,044	\$413	\$15,907	\$17,966	1.75%
	CRSP U.S. Small Growth	636	\$1,831,533	\$18,705	\$15	\$1,892	\$2,880	1.02%
Growth			. , ,	. ,		. ,		
	CRSP U.S. Large Growth	215	\$19,459,413	\$2,536,365	\$413	\$27,691	\$90,509	13.03%
	CRSP U.S. Small Mid Growth	747	\$4,457,582	\$48,044	\$15	\$2,790	\$5,967	1.08%
Prime	CRSP ISS Large ESG Prime	164	\$18,624,382	\$2,536,365	\$2,311	\$37,642	\$113,563	13.62%
Fillie	CRSP ISS Large ESG Non-Prime	365	\$17,119,186	\$1,235,871	\$413	\$24,170	\$46,902	7.22%
F00	CRSP ISS Large ESG	265	\$23,456,603	\$2,536,365	\$2,311	\$33,363	\$88,515	10.81%
ESG	CRSP ISS Large ESG Remainder	264	\$12,286,965	\$1,235,871	\$413	\$21,907	\$46,542	10.06%
ESG	CRSP ISS Large ESG Industry Balanced	266	\$25,256,944	\$2,536,365	\$2,311	\$35,732	\$94,951	10.04%
Industry Balanced	CRSP ISS Large ESG Industry Balanced Remainder	263	\$10,486,624	\$1,235,871	\$413	\$20,107	\$39,873	11.79%
	CRSP U.S. Technology	480	\$1,054,259	\$251,394	\$2	\$232	\$2,196	23.85%
	CRSP U.S. Technology Unconstrained		\$10,575,151	\$2,536,365	\$2	\$785	\$22,032	23.98%
	CRSP U.S. Media & Communications	148	\$318,221	\$71,120	\$3	\$392	\$2,150	22.35%
	CRSP U.S. Media & Communications Unconstrain		\$3,215,619	\$1,354,002	\$3	\$392	\$21,727	42.11%
	CRSP U.S. Healthcare	812	\$5,277,461	\$496,092	\$2	\$166	\$6,499	9.40%
	CRSP U.S. Healthcare Unconstrained		\$5,277,461	\$496,092	\$2	\$166	\$6,499	9.40%
	CRSP U.S. Financials CRSP U.S. Financials Unconstrained	630	\$5,372,611 \$5,372,611	\$625,233 \$625,233	\$4 \$4	\$665 \$665	\$8,528 \$8,528	11.64% 11.64%
	CRSP U.S. Real Estate & REITs	197	\$1,164,489	\$93,079	\$ 4	\$1,371	\$5,911	7.99%
	CRSP U.S. Real Estate & REITs Unconstrained	137	\$1,164,489	\$93,079	\$2	\$1,371	\$5,911	7.99%
Sector	CRSP U.S. Consumer Discretionary	400	\$454,686	\$109,075	\$2	\$111	\$1,137	23.99%
Indexes	CRSP U.S. Consumer Discretionary Unconstraine		\$4.564.998	\$1,235,871	\$2	\$776	\$11,412	27.07%
	CRSP U.S. Consumer Staples	148	\$217,422	\$34,481	\$3	\$163	\$1,469	15.86%
	CRSP U.S. Consumer Staples Unconstrained		\$2,179,244	\$353,667	\$3	\$1,085	\$14,725	16.23%
	CRSP U.S. Industrials	524	\$4,193,246	\$187,403	\$3	\$1,377	\$8,002	4.47%
	CRSP U.S. Industrials Unconstrained		\$4,193,246	\$187,403	\$3	\$1,377	\$8,002	4.47%
	CRSP U.S. Materials	147	\$1,057,656	\$186,473	\$4	\$1,940	\$7,195	17.63%
	CRSP U.S. Materials Unconstrained	4.55	\$1,057,656	\$186,473	\$4	\$1,940	\$7,195	17.63%
	CRSP U.S. Energy	156	\$246,290	\$54,555	\$8	\$141	\$1,579	22.15%
	CRSP U.S. Energy Unconstrained		\$1,871,062	\$423,738	\$8	\$1,010	\$11,994	22.65%
	CRSP U.S. Utilities	72	\$1,000,716	\$119,577	\$14	\$4,518	\$13,899	11.95%

Note: Data as of 10/31/2023; counts may not add up due to banding and migration, see appendix; CRSP U.S. Mega Cap Growth and 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 "Unconstrained" at the end of the name are not constrained to comply with IRS RIC rules. After 9/5/2023, CRSP U.S. Sector Indexes use ICE's Uniform Entity Sectors classification system; CRSP U.S. Sector Indexes were based on Enhanced ICB (EICB) methodology between 6/7/2020 and 9/5/2023; CRSP U.S. Sector Indexes were based on ICB methodology prior to 6/5/2020

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

	Index Name	Index		NACDAO CIDO	Inception Date	
Index	(TR - Total Return, PR - Price Only Return)	Index Identifier	CUSIP	NASDAQ GIDS Post Date	Open Val = 1000	Bloomberg Ticker
Canadan Stanlas	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
Enorgy	CRSP US Energy Index (TR)	CRSPENT	12631Y107	12/31/2012	2/1/2012	BBG003PZ7FP0
Energy	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
rilialiciais	CRSP US Financials Index (PR)	CRSPFN1	12630M104	7/16/2012	2/1/2012	BBG003PZ7DV8
Healthcare	CRSP US Healthcare Index (TR)	CRSPHCT	12632C104	12/31/2012	2/1/2012	BBG003PZ7FR8
пеаннсаге	CRSP US Healthcare Index (PR)	CRSPHC1	12630H105	7/16/2012	2/1/2012	BBG003PZ7DW7
Industrials	CRSP US Industrials Index (TR)	CRSPIDT	12632E100	12/31/2012	2/1/2012	BBG003PZ7FS7
industriais	CRSP US Industrials Index (PR)	CRSPID1	12630F109	7/16/2012	2/1/2012	BBG003PZ7DX6
Technology	CRSP US Technology Index (TR)	CRSPITT	12632F107	12/31/2012	2/1/2012	BBG003PZ7FT6
reciniology	CRSP US Technology Index (PR)	CRSPIT1	12630P107	7/16/2012	2/1/2012	BBG003PZ7DY5
Materials	CRSP US Materials Index (TR)	CRSPMTT	12632G105	12/31/2012	2/1/2012	BBG003PZ7FV3
wateriais	CRSP US Materials Index (PR)	CRSPMT1	12630E102	7/16/2012	2/1/2012	BBG003PZ7DZ4
Media & Communications	CRSP US Media & Communications Index (TR)	CRSPTET	12632H103	12/31/2012	2/1/2012	BBG003PZ7FW2
wedia & Communications	CRSP US Media & Communications 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
Othities	CRSP US Utilities Index (PR)	CRSPUT1	12630L106	7/16/2012	2/1/2012	BBG003PZ7F16
Real Estate & REITs	CRSP US Real Estate & REITs Index (TR)	CRSPRET	12632K106	12/31/2012	4/1/2011	BBG003PZ7FY0
Real Estate & REITS	CRSP US Real Estate & REITs Index (PR)	CRSPRE1	12627X105	8/15/2011	4/1/2011	BBG001YCYN96
Small Cap ex-Real Estate	CRSP US Small Cap ex-Real Estate Index (TR)	CRSPSXT	12632L104	12/31/2012	2/1/2012	BBG003PZ7FZ9
oman 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	Index Information Name 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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