# **CRSP INDEXES** US MARKET UPDATE

JANUARY 2021







## **U.S. MARKET FOR THE PAST 12 MONTHS**



0	Technology	-6.84%	<b>-9</b> .18%	14.82%	7.50%	6.57%	6.44%	11.48%	-5.76%	-1.94%	11.67%	5.39%	1.19%
Ž	Telecom	2.45%	-7.63%	7.73%	3.47%	3.42%	5.57%	3.38%	-1.62%	-3.22%	14.40%	3.18%	0.40%
KEIUKNS	Health Care	-5.92%	-5.17%	13.84%	4.26%	-1.80%	5.16%	2.48%	-1.26%	-2.97%	8.73%	4.24%	2.47%
	Financials	-9.84%	-20.92%	9.88%	3.29%	0.70%	3.28%	3.91%	-3.93%	0.75%	16.04%	6.54%	-1.34%
Ē	Real Estate	-6.92%	-18.52%	8.54%	1.92%	2.15%	4.12%	0.65%	-2.28%	-3.22%	9.94%	3.17%	-0.13%
	Consumer Discretionary	-7.73%	-12.83%	16.99%	5.12%	2.88%	8.87%	11.94%	-3.70%	-2.77%	13.81%	5.78%	0.34%
	Consumer Staples	-8.30%	-12.34%	10.87%	5.09%	2.97%	5.99%	3.74%	-2.09%	-2.94%	8.14%	2.76%	-3.53%
INDEXES	Industrials	-8.57%	-17.75%	11.17%	7.19%	2.44%	4.31%	8.11%	-1.80%	-2.86%	16.32%	3.40%	-4.28%
	Basic Materials	-9.10%	-16.11%	17.21%	7.60%	2.49%	7.39%	4.28%	-1.40%	-1.47%	14.57%	3.95%	-2.97%
SECIOR	Energy	-14.62%	-36.26%	31.69%	1.96%	-0.66%	-3.91%	0.50%	-13.82%	-3.14%	28.83%	6.13%	6.53%
	Utilities	-9.93%	-10.12%	3.29%	4.36%	-4.88%	7.06%	-1.94%	0.70%	3.43%	2.90%	0.91%	-1.39%

Note: Data as of 01/31/2021; 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 6/30/2020; CRSP U.S. Sector Indexes based on FTSE ICB® methodology are used for returns prior to 6/30/2020. For more details on pairing between EICB-based and ICB-based CRSP U.S. Sector Indexes refer to our white paper and public announcement.

Jul-20

Aug-20 Sep-20

Oct-20

Nov-20

Dec-20

Jan-21

Apr-20 May-20 Jun-20

Feb-20

Mar-20

## **CRSP U.S. INDEXES PERFORMANCE**

#### CRSP U.S. Cap and Style Indexes Performance

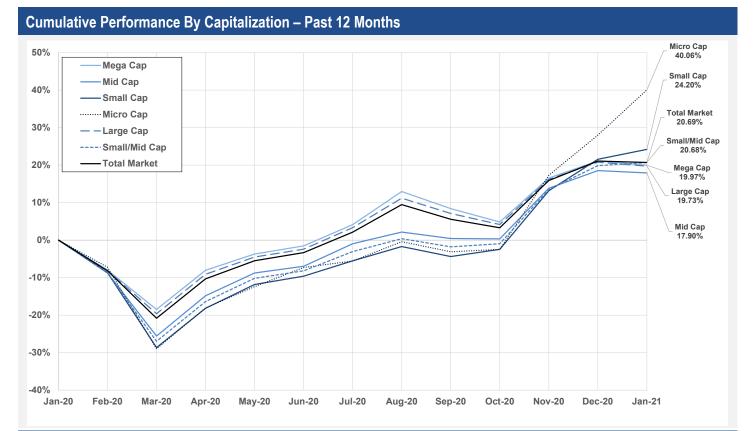
			Float-Adjusted			Retu	rn for		
Category	Index Name	Count	Market Cap (\$M)	1 Month	3 Months	YTD	1 Year	3 Years	5 Years
Total Market	CRSP U.S. Total Market	3,589	\$38,004,029	-0.32%	16.84%	-0.32%	20.69%	12.42%	16.72%
	CRSP U.S. Mega Cap	231	\$26,604,676	-0.94%	14.43%	-0.94%	19.97%	12.97%	17.12%
	CRSP U.S. Mid Cap	335	\$5,822,889	-0.53%	17.52%	-0.53%	17.90%	10.28%	14.95%
	CRSP U.S. Small Cap	1,398	\$4,922,024	2.19%	27.33%	2.19%	24.20%	10.96%	15.90%
Сар	CRSP U.S. Micro Cap	1,737	\$654,440	9.42%	43.58%	9.42%	40.06%	13.28%	18.09%
	CRSP U.S. Large Cap	544	\$32,427,565	-0.87%	14.96%	-0.87%	19.73%	12.55%	16.77%
	CRSP U.S. Small/Mid Cap	1,700	\$10,744,913	0.70%	21.85%	0.70%	20.68%	10.61%	15.41%
	CRSP U.S. Mega Value	141	\$11,704,137	-0.89%	16.10%	-0.89%	4.37%	5.34%	11.80%
	CRSP U.S. Mid Value	190	\$2,770,891	-0.17%	17.19%	-0.17%	4.10%	3.41%	10.74%
Value	CRSP U.S. Small Value	898	\$2,639,655	2.10%	28.16%	2.10%	11.77%	4.48%	11.65%
	CRSP U.S. Large Value	316	\$14,245,880	-0.79%	16.01%	-0.79%	4.08%	4.85%	11.67%
	CRSP U.S. Small/Mid Value	1079	\$5,375,799	0.96%	22.41%	0.96%	7.71%	3.81%	11.00%
	CRSP U.S. Mega Growth	98	\$14,900,539	-0.98%	13.16%	-0.98%	35.01%	20.25%	22.21%
	CRSP U.S. Mid Growth	158	\$3,051,998	-0.84%	17.79%	-0.84%	31.77%	17.12%	19.01%
Growth	CRSP U.S. Small Growth	591	\$2,282,369	2.29%	26.40%	2.29%	38.94%	18.60%	20.78%
	CRSP U.S. Large Growth	250	\$18,181,685	-0.92%	14.15%	-0.92%	34.80%	19.95%	21.62%
	CRSP U.S. Small/Mid Growth	732	\$5,369,115	0.44%	21.29%	0.44%	34.48%	17.83%	19.96%

Note: Data as of 01/31/2021; 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

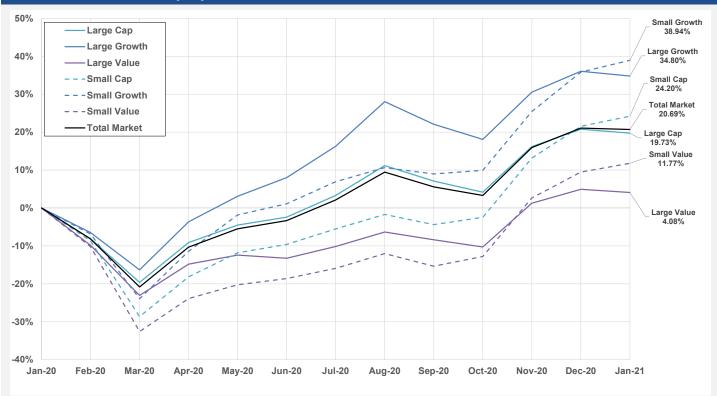


Note: Data for lowest market capitalization is as of 12/2/2020 ranking; company counts as of 01/31/2021; counts may not add up due to banding and migration, see appendix

Note: Data as of 01/31/2021; returns computation is based on total returns



#### Cumulative Performance By Style – Past 12 Months



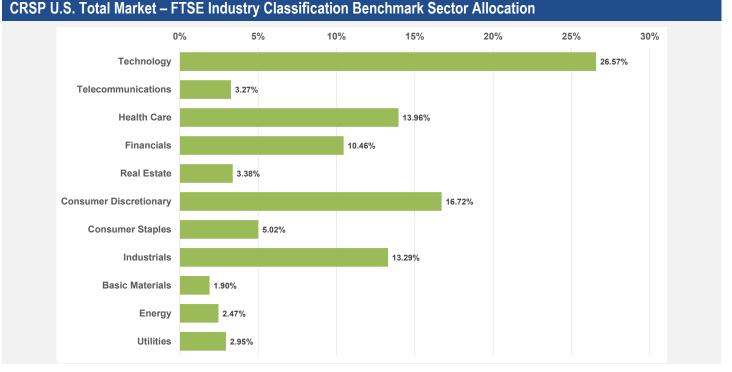
Note: Data as of 01/31/2021; returns computation is based on total returns

## **CRSP U.S. SECTORS PERFORMANCE**

#### **CRSP U.S. Sector Indexes Performance**

			Float-Adjusted			Retu	rn for		
Category	Index Name	Count	Market Cap (\$M)	1 Month	3 Months	YTD	1 Year	3 Years	5 Years
Total Market	CRSP U.S. Total Market	3,589	\$38,004,029	-0.32%	16.84%	-0.32%	20.69%	12.42%	16.72%
	CRSP U.S. Technology CRSP U.S. Technology U	386	<b>\$1,014,487</b> \$10,099,482	1.19%	19.09%	1.19%	45.35%	27.24%	29.64%
	CRSP U.S. Telecommunications CRSP U.S. Telecommunications U	86	<b>\$128,460</b> \$1,241,416	0.40%	18.50%	0.40%	34.35%	10.85%	10.38%
	CRSP U.S. Health Care CRSP U.S. Health Care U	762	<b>\$5,306,989</b> \$5,306,989	2.47%	16.14%	2.47%	24.68%	13.71%	15.74%
	CRSP U.S. Financials CRSP U.S. Financials U	629	<b>\$3,975,972</b> \$3,975,972	-1.34%	21.98%	-1.34%	3.23%	5.58%	13.50%
Sector Indexes	CRSP U.S. Real Estate CRSP U.S. Real Estate U	212	<b>\$1,285,635</b> \$1,285,635	-0.13%	13.28%	-0.13%	-3.77%	7.84%	8.10%
	CRSP U.S. Consumer Discretionary CRSP U.S. Consumer Discretionary U	514	<b>\$6,356,710</b> \$6,356,710	0.34%	20.81%	0.34%	40.27%	18.23%	19.41%
	CRSP U.S. Consumer Staples CRSP U.S. Consumer Staples U	132	<b>\$1,906,988</b> \$1,906,988	-3.53%	7.19%	-3.53%	8.01%	6.00%	8.86%
	CRSP U.S. Industrials CRSP U.S. Industrials U	503	<b>\$5,048,399</b> \$5,048,399	-4.28%	15.13%	-4.28%	13.69%	8.60%	16.54%
	CRSP U.S. Basic Materials CRSP U.S. Basic Materials U	118	<b>\$121,399</b> \$721,730	-2.97%	15.56%	-2.97%	23.90%	2.72%	14.26%
	CRSP U.S. Energy CRSP U.S. Energy U	159	<b>\$939,296</b> \$939,296	6.53%	45.66%	6.53%	-14.77%	-13.72%	-3.10%
	CRSP U.S. Utilities CRSP U.S. Utilities U	88	<b>\$1,121,412</b> \$1,121,412	-1.39%	2.39%	-1.39%	-7.06%	10.29%	10.57%

Note: Data as of 01/31/2021; 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. 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 for returns after 6/30/2020; CRSP U.S. Sector Indexes based on FTSE ICB® methodology are used for returns prior to 6/30/2020. 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 01/31/2021; Sector weights are computed using company's assignment to the industry as defined by Enhanced FTSE ICB®

## **CRSP U.S. INDEXES LINKED ASSET VALUES**

Index	Index Name (TR - Total Return, PR - Price Only Return)	Index Identifier	NASDAQ GIDS _ Post Date	ETF	set Values (\$bn) a Mutual Fund	Total
	CRSP US Total Market Index (TR)	CRSPTMT	12/31/2012	\$204.4		\$4.4C4.5
Fotal Market	CRSP US Total Market Index (PR)	CRSPTM1	1/18/2011		\$960.1	\$1,164.5
CRSP Australian Hedged	CRSP US Total Market Index (AUD-hedged) (TR)	CRSPTAHT	7/1/2015			
Australian Heugeu	CRSP US Total Market Index (AUD-hedged) (PR)	CRSPTAH1	7/1/2015			
CRSP Australian Non-Hedged	CRSP US Total Market Total Return Index AUD (TR)	CRSPTMAT	7/1/2015			
	CRSP US Total Market Total Return Index AUD (PR)	CRSPTMA1	7/1/2015	<u> </u>		
CRSP 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	\$0.6		\$0.6
	CRSP US Total Market Total Return Index CAD (TR)	CRSPTMCT	4/15/2013	\$2.5		
CRSP Canadian Non-Hedged	CRSP US Total Market Total Return Index CAD (PR)	CRSPTMC1	4/15/2013	φ2.5		\$2.5
	CRSP US Mega Cap Index (TR)	CRSPMET	12/31/2012	\$3.3		
llega Cap	CRSP US Mega Cap Index (PR)	CRSPME1	8/15/2011	<b>4010</b>	\$0.2	\$3.5
Mana Can Crawth	CRSP US Mega Cap Growth Index (TR)	CRSPMEGT	12/31/2012	\$9.8		¢0.0
Mega Cap Growth	CRSP US Mega Cap Growth Index (PR)	CRSPMEG1	10/1/2012		\$0.0	\$9.8
Jogo Con Value	CRSP US Mega Cap Value Index (TR)	CRSPMEVT	12/31/2012	\$3.5		\$3.6
Mega Cap Value	CRSP US Mega Cap Value Index (PR)	CRSPMEV1	10/1/2012		\$0.1	<b>\$3.0</b>
arge Cap	CRSP US Large Cap Index (TR)	CRSPLCT	12/31/2012	\$21.3		\$32.7
Mega + Mid)*	CRSP US Large Cap Index (PR)	CRSPLC1	8/15/2011		\$11.4	ψ <b>0</b> 2.7
arge Cap Growth*	CRSP US Large Cap Growth Index (TR)	CRSPLCGT	12/31/2012	\$66.8		\$143.4
	CRSP US Large Cap Growth Index (PR)	CRSPLCG1	10/1/2012	A	\$76.5	
_arge Cap Value*	CRSP US Large Cap Value Index (TR)	CRSPLCVT	12/31/2012	\$62.1	A	\$97.3
	CRSP US Large Cap Value Index (PR)	CRSPLCV1	10/1/2012		\$35.2	
Aid Cap	CRSP US Mid Cap Index (TR)	CRSPMIT	12/31/2012	\$41.6		\$134.1
· · ·	CRSP US Mid Cap Index (PR) CRSP US Mid Cap Growth Index (TR)	CRSPMI1	8/15/2011	\$40.4	\$92.5	
Aid Cap Growth	CRSP US Mid Cap Growth Index (TR)	CRSPMIGT CRSPMIG1	12/31/2012 10/1/2012	\$10.1	¢40.0	\$20.8
	CRSP US Mid Cap Value Index (FR)	CRSPMIGT	12/31/2012	\$11.2	\$10.8	
Aid Cap Value	CRSP US Mid Cap Value Index (PR)	CRSPMIV1	10/1/2012	φ11. <b>2</b>	\$10.0	\$21.2
	CRSP US Small-Mid Cap Index (TR)	CRSPSMT	3/10/2014		\$10.0	
Small-Mid Cap	CRSP US Small-Mid Cap Index (PR)	CRSPSM1	3/10/2014			
	CRSP US Small-Mid Cap Growth Index (TR)	CRSPSMGT	3/10/2014			
Small-Mid Cap Growth	CRSP US Small-Mid Cap Growth Index (PR)	CRSPSMG1	3/10/2014			
	CRSP US Small-Mid Cap Value Index (TR)	CRSPSMVT	3/10/2014			
Small-Mid Cap Value	CRSP US Small-Mid Cap Value Index (PR)	CRSPSMV1	3/10/2014			
	CRSP US Small Cap Index (TR)	CRSPSCT	12/31/2012	\$39.5		¢440.5
Small Cap	CRSP US Small Cap Index (PR)	CRSPSC1	8/15/2011		\$78.9	\$118.5
Small Cap Growth	CRSP US Small Cap Growth Index (TR)	CRSPSCGT	12/31/2012	\$14.8		\$35.4
Sman Cap Growth	CRSP US Small Cap Growth Index (PR)	CRSPSCG1	10/1/2012		\$20.6	400. <del>4</del>
Small Cap Value	CRSP US Small Cap Value Index (TR)	CRSPSCVT	12/31/2012	\$19.2		\$37.8
	CRSP US Small Cap Value Index (PR)	CRSPSCV1	10/1/2012		\$18.6	\$01.0
Aicro Cap Index	CRSP US Micro Cap Index (TR)	CRSPMCT	12/31/2012			
	CRSP US Micro Cap Index (PR)	CRSPMC1	8/15/2011			
Consumer Staples Sector	CRSP US Consumer Staples Index (TR)	CRSPCST	12/31/2012			
	CRSP US Consumer Staples Index (PR) CRSP US Consumer Discretionary Index (TR)	CRSPCS1 CRSPCDT	7/16/2012			
Consumer Discretionary Sector	CRSP US Consumer Discretionary Index (TR) CRSP US Consumer Discretionary Index (PR)	CRSPCD1 CRSPCD1	7/16/2012			
	CRSP US Consumer Discretionary Index (PR) CRSP US Energy Index (TR)	CRSPENT	12/31/2012			
Energy Sector	CRSP US Energy Index (TR)	CRSPEN1	7/16/2012			
	CRSP US Financials Index (TR)	CRSPENT	12/31/2012			
Financials Sector	CRSP US Financials Index (PR)	CRSPFN1	7/16/2012			
	CRSP US Health Care Index (TR)	CRSPHCT	12/31/2012			
lealth Care Sector	CRSP US Health Care Index (PR)	CRSPHC1	7/16/2012			
nductriala Cratter	CRSP US Industrials Index (TR)	CRSPIDT	12/31/2012			
ndustrials Sector	CRSP US Industrials Index (PR)	CRSPID1	7/16/2012			
Cochnology Soctor	CRSP US Technology Index (TR)	CRSPITT	12/31/2012			
echnology Sector	CRSP US Technology Index (PR)	CRSPIT1	7/16/2012			
Basic Materials Sector	CRSP US Basic Materials Index (TR)	CRSPMTT	12/31/2012			
	CRSP US Basic Materials Index (PR)	CRSPMT1	7/16/2012			
elecommunications Sector	CRSP US Telecommunications Index (TR)	CRSPTET	12/31/2012			
	CRSP US Telecommunications Index (PR)	CRSPTE1	7/16/2012			
Jtilities Sector	CRSP US Utilities Index (TR)	CRSPUTT	12/31/2012			
	CRSP US Utilities Index (PR)	CRSPUT1	7/16/2012			
Real Estate Index Sector	CRSP US Real Estate Index (TR)	CRSPRET	12/31/2012			
	CRSP US Real Estate Index (PR)	CRSPRE1	8/15/2011			
Small Cap ex-Real Estate	CRSP US Small Cap ex-REIT Index (TR)	CRSPSXT	12/31/2012			
	CRSP US Small Cap ex-REIT Index (PR)	CRSPSX1	10/1/2012	\$510.7		
			tal Linked Assets			

Note: Data as of 01/31/2021; Linked assets values are in billions of USD

## **RECENT RESEARCH PAPERS USING CRSP DATA**

#### Paper: Who Benefits from Robo-advising? Evidence from Machine Learning

- Summary: The paper studies the effects of a large U.S. hybrid robo-adviser on the portfolios of previously self-directed investors.
- o CRSP Databases Used: CRSP US Stock Databases, CRSP MFDB
- Authors: Alberto Rossi, Stephen Utkus

#### Paper: Who Trades at the Close? Implications for Price Discovery, Liquidity, and Disagreement

- Summary: The paper documents the growing importance of the closing auction in the U.S. equity market and studies its causes and implications. The growth of indexing and ETFs shifts trading towards the close and distorts closing prices.
- o CRSP Databases Used: CRSP US Stock Databases, CRSP MFDB
- o Authors: Vincent Bogousslavsky, Dmitriy Muravyev

#### Paper: Competition for Attention in the ETF Space

- Summary: The paper explores financial innovation in the ETF space contrasting broad-based products that cater to cost-conscious investors and expensive thematic ETFs that compete for the attention of sentimentdriven investors.
- CRSP Databases Used: CRSP US Stock Databases, CRSP MFDB, CRSP US Indexes
- o Authors: Itzhak Ben-David, Francesco Franzoni, Byungwook Kim, Rabih Moussawi

#### Paper: Disloyal Managers and Shareholders' Wealth

- Summary: The paper finds that firms covered by waiver laws invest less in R&D, produce fewer and less valuable patents.
- o CRSP Databases Used: CRSP US Stock Databases, CRSP US Indexes
- o Author: Eliezer Fich, Jarrad Harford, Anh Tran

## SERVICES OFFERED BY 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.

- CRSP US Stock Databases
- 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
- CRSP Customized Data Sets

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

#### **Investment Products**

Since 2013, CRSP LLC has maintained, disseminated and expanded its' proprietary investable index product line. Currently comprising over 66 capitalization-based, industry sector and value and growth style indexes, the CRSP Market Indexes (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 Total Market Index to a broad set of different cap segments (Large, Mega, Mid, Small, Micro) with Value and Growth versions of each, as well as 11 Sector 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.

CRSPMI welcomes questions or inquiries about its index products and services, including data licensing or benchmarking requests, at **indexes@crsp.org**.

## **APPENDIX – CRSP U.S. INDEXES DESCRIPTIVE INFORMATION**

#### **CRSP U.S. Indexes Descriptive Statistics** Float-Adjusted Smallest Median Largest Company Largest Company Average Category Index Name Count Market Cap (\$M) (\$M) Company (\$M Company (\$M) Company (\$M . Weight (%) Total Market CRSP U.S. Total Market 3,589 \$38,004,029 \$2,019,202 \$1,035 \$3 \$10.589 5.31% \$2,019,202 \$115,172 CRSP U.S. Mega Cap 231 \$26.604.676 \$2.464 \$59.569 7.59% CRSP U.S. Mid Cap 335 \$5,822,889 \$43,260 \$15,874 \$17,382 0.74% \$1,221 CRSP U.S. Small Cap 1,398 \$4.922.024 \$31.335 \$55 \$2,670 \$3,521 0.64% Сар CRSP U.S. Micro Cap 1.737 \$654,440 \$8,471 \$3 \$193 \$377 1.29% CRSP U.S. Large Cap 544 \$32,427,565 \$2,019,202 \$1,221 \$25,685 \$59,609 6.23% CRSP U.S. Small/Mid Cap 1,700 \$10,744,913 \$43.260 \$55 \$3,426 \$6,321 0.40% CRSP U.S. Mega Value 141 \$11,704,137 \$429,447 \$2,464 \$54,226 \$83,008 3.67% CRSP U.S. Mid Value 190 \$2.770.891 \$39.097 \$998 \$13.958 \$14.584 1.41% CRSP U.S. Small Value \$2,639,655 0.54% 898 \$14,183 \$55 \$2,178 \$2,939 Value 316 \$14,245,880 \$429,447 \$998 \$21,746 \$45,082 3.01% CRSP U.S. Large Value CRSP U.S. Small/Mid Value 1,079 \$5,375,799 \$39,097 \$55 \$2,740 \$4,982 0.73% CRSP U.S. Mega Growth 98 \$14,900,539 \$2,019,202 \$3,325 \$66,233 \$152,046 13.55% CRSP U.S. Mid Growth 158 \$3,051,998 \$43.260 \$998 \$17.660 \$19,316 1.42% CRSP U.S. Small Growth 591 \$2,282,369 \$31,335 \$84 \$2,867 \$3,862 1.37% Growth 250 \$18 181 685 \$2 019 202 \$998 \$27 834 11 11% CRSP U.S. Large Growth \$72 727 CRSP U.S. Small/Mid Growth 732 \$5,369,115 \$43,260 \$84 \$3,941 \$7,335 0.81% CRSP U.S. Technology 386 \$1,014,487 \$196,589 \$8 \$325 \$2,628 19.38% CRSP U.S. Technology U \$10,099,482 \$2,019,202 19.99% \$2,072 \$26,164 \$8 \$19,098 **CRSP U.S. Telecommunications** 86 \$128,460 \$16 \$548 \$1,494 14.87% CRSP U.S. Telecommunications U \$1.241.416 \$226.561 \$16 \$555 \$14.435 18.25% \$429,447 CRSP U.S. Health Care 762 \$5,306,989 \$3 \$506 \$6,965 8.09% \$429,447 CRSP U.S. Health Care U \$5.306.989 \$3 \$506 \$6.965 8.09% CRSP U.S. Financials 629 \$3,975,972 \$419,640 \$4 \$647 \$6,321 10.55% CRSP U.S. Financials U \$3,975,972 \$419,640 \$4 \$647 \$6,321 10.55% CRSP U.S. Real Estate 212 \$1,285,635 \$100,996 \$5 \$1,795 \$6,064 7.86% CRSP U.S. Real Estate U \$1,285,635 \$100,996 \$5 \$1,795 \$6,064 7.86% Sector **CRSP U.S. Consumer Discretionary** 514 \$6,356,710 \$1,367,407 \$5 \$1,401 \$12,367 21.51% Indexes CRSP U.S. Consumer Discretionary U \$6 356 710 \$1.367.407 \$5 \$1.401 \$12.367 21 51% CRSP U.S. Consumer Staples 132 \$317,910 \$7 \$1,670 \$14.447 16.67% \$1,906,988 CRSP U.S. Consumer Staples U \$1,906,988 \$7 \$14,447 16.67% \$317,910 \$1.670 6.48% **CRSP U.S. Industrials** 503 \$5.048.399 \$327.053 \$6 \$1.662 \$10.037 6.48% CRSP U.S. Industrials U \$5.048.399 \$327.053 \$6 \$1.662 \$10.037 CRSP U.S. Basic Materials \$121,399 \$21,337 \$17 \$278 \$1,029 17.58% 118 CRSP U.S. Basic Materials U \$721,730 \$128,654 \$1,577 17.83% \$20 \$6.116 CRSP U.S. Energy 159 \$939.296 \$189,594 \$15 \$538 \$5,908 20.18% CRSP U.S. Energy U \$939.296 \$189,594 \$15 \$538 \$5,908 20.18% **CRSP U.S. Utilities** 88 \$1.121.412 \$158,430 \$35 \$3,747 \$12,743 14.13%

Note: Data as of 01/31/2021; 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 6/30/2020; CRSP U.S. Sector Indexes based on FTSE ICB® methodology are used prior to 6/30/2020. For more details on pairing between EICB-based and ICB-based CRSP U.S. Sector Indexes refer to our white paper and public announcement

\$158,430

\$35

\$3,747

\$12,743

14.13%

\$1,121,412

CRSP U.S. Utilities U

## **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 **CRSP Methodology**. 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

#### About CRSP

Since 1960, CRSP has provided research-quality data to scholarly researchers and advanced the body of knowledge in finance, economics and related disciplines. Today, nearly 500 leading academic institutions in 35 countries rely on CRSP data for academic research and to support classroom instructions

#### Citing CRSP

Any dissemination (including by electronic means or in any other form) of the graphs or information herein shall include an attribution to CRSP as follows.

"This data and information is based on data from the Center for Research in Security Prices, LLC (CRSP), ©YYYY."

YYYY being the year the database was published.

#### Disclaimers

CRSP, its affiliates, its parent company, and its third party suppliers do not make any representations or guarantees regarding the accuracy of the data or information. Although the contents have been obtained from sources believed to be reliable, they are provided to your institution on an "as is" basis without warranties of any kind. With respect to this service and the contents, and to the fullest extent permitted by applicable law, CRSP, its affiliates, its parent company, and its third party suppliers hereby disclaim all express, implied and statutory warranties of any kind to the Subscriber or any third party, including, but not limited to, representations and warranties regarding accuracy, completeness, correctness, merchantability, or fitness for any particular purpose, or any representations or warranties arising from usage or custom or trade or by operation of law. CRSP, its affiliates, its parent company, and its third party suppliers, assume no responsibility for the consequences of any errors or omissions. In no event shall CRSP, its affiliates, its parent company, or its third party suppliers be liable to the Subscriber or to any third party for any loss or injury caused in whole or in part by contingencies beyond their control or negligence in procuring, compiling, or delivering any data or information. In no event shall CRSP, its affiliates, its parent company, or its third party suppliers be liable to the Subscriber or any third party for any claim arising out of or relating to CRSP-provided data or information, including, but not limited to, any decision made or action taken by your institution and any and all users affiliated with your institution based on the use of the data or information or for any types of damages (such as, but not limited to, direct, consequential, special, incidental, punitive or indirect damages), even if advised of the possibility of such damages.

All information is provided for informational purposes only. Every effort is made to ensure that all information given in this publication is accurate, but no responsibility or liability can be accepted by CRSP® nor its licensors for any errors or for any loss from use of this publication. Neither CRSP® nor any of its licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the results to be obtained from the use of the CRSP Sector Indexes or the fitness or suitability of the Indexes for any particular purpose to which they might be put. CRSP® does not provide investment advice and nothing in this document should be taken as constituting financial or investment advice. CRSP® makes no representation regarding the advisability of investing in any asset. A decision to invest in any such asset should not be made in reliance on any information herein. Indexes cannot be invested in directly. Inclusion of an asset in an index is not a recommendation to buy, sell or hold that asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional. No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise. Distribution of the CRSP® index values and the use of their indexes to create financial products require a license with CRSP® and/or its licensors. The Industry Classification Benchmark ("ICB") is owned by FTSE International Limited ("FTSE"). Neither CRSP® nor FTSE accept any liability to any person for any loss or damage arising out of any error or omission in the ICB. Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index inception date is back-tested performance. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index was officially launched. However, back-tested data may reflect the application of the index methodology with the benefit of hindsight, and the historic calculations of an index may change from month to month based on revisions to the underlying economic data used in the calculation of the index.

CRSP uses various trademarks and trade names in the ordinary course of its business, including without limitation, CRSP's corporate name and logo. All other trademarks or trade names referred to in this paper are the property of their respective owners. Solely for convenience, the trademarks and trade names in this paper may be referred to without the ® and ™ symbols, but such references should not be construed as any indicator that their respective owners will not assert, to the fullest extent under applicable law, their rights thereto.

The Industry Classification Benchmark ("ICB") is a product of FTSE International Limited ("FTSE") and is licensed for use. FTSE is part of the London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). The LSE Group includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) MTSNext Limited ("MTSNext"), (5) Mergent, Inc. ("Mergent"), (6) FTSE Fixed Income LLC ("FTSE FI") and (7) The Yield Book Inc ("YB"). FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, MTSNext, Mergent, FTSE FI, YB. "FTSE®", "Russell®", "FTSE Russell®", "MTS®", "FTSE4Good® ", "ICB®", "Mergent®", "The Yield Book®" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of the LSE Group or their respective licensors and are owned, or used under license, by FTSE, Russell, MTSNext, FTSE Canada, Mergent, FTSE FI, YB. FTSE International Limited is authorized and regulated by the Financial Conduct Authority as a benchmark administrator.