



### Cboe Streaming Market Indices as of June 22, 2021

#### CSMI Main Channel

1	AMBOR30	30 Day Average Ameribor® Rate	46	BYB	Morgan Stanley 8% Targeted Income STARS Cboe S&P 500 Buywrite Index Nev
2	AMBOR30T	Ameribor® Term-30 Rate	47	BYC	Morgan Stanley 0% STARS Cboe S&P 500 BuyWrite Index
3	AMBOR90	90 Day Average Ameribor® Rate	48	BYEA	Cboe MSCI EAFE 2% OTM BuyWrite Index (on CSMI Main & MSCI channels)
4	AMBOR90T	Ameribor® Term-90 Rate	49	BYEF	Cboe MSCI Emerging Markets 2% OTM BuyWrite Index (on CSMI Main & MSCI channels)
5	AMBOR1W	Ameribor® 1 Week Spot Rate	50	CBHEUAG	Cyberhedge EU Good Plus Index
6	AMBOR1M	Ameribor® 1 Month Spot Rate	51	CBHEUAGN	Cyberhedge EU Good Plus Net Total Return Index
7	AMBOR3M	Ameribor® 3 Month Spot Rate	52	CBHEUAGT	Cyberhedge EU Good Plus Total Return Index
8	AMBOR6M	Ameribor® 6 Month Spot Rate	53	CBHEUSB	Cyberhedge EU Bad Index
9	AMBOR1Y	Ameribor® 1 Year Spot Rate	54	CBHEUSBN	Cyberhedge EU Bad Net Total Return Index
10	AMBOR2Y	Ameribor® 2 Year Spot Rate	55	CBHEUSBT	Cyberhedge EU Bad Total Return Index
11	AMBOS	One Month Ameribor® Average Settlement	56	CBHEUSG	Cyberhedge EU Good Index
12	AMBOX	One Month Ameribor® Average Rate	57	CBHEUSGN	Cyberhedge EU Good Net Total Return Index
13	AMBR5	14 Day Ameribor® Average Settlement	58	CBHEUSGT	Cyberhedge EU Good Total Return Index
14	AMBRX	14 Day Ameribor® Average Rate	59	CBHUSAG	Cyberhedge US Good Plus Index
15	AMBT5	Three Month Ameribor® Compound Average Settlement	60	CBHUSAGN	Cyberhedge US Good Plus Net Total Return Index
16	AMBTX	Three Month Ameribor® Compound Average Rate	61	CBHUSAGT	Cyberhedge US Good Plus Total Return Index
17	AMBWS	7 Day Ameribor® Average Settlement	62	CBHUSBS	Cyberhedge US Bad Index
18	AMBWX	7 Day Ameribor® Average Rate	63	CBHUSBSN	Cyberhedge US Bad Net Total Return Index
19	AMERIBOR	Ameribor® Unsecured Overnight Rate	64	CBHUSBSB	Cyberhedge US Bad Total Return Index
20	AVGRNTSP	Alpha Vee Green Transportation Index	65	CBHUSBSG	Cyberhedge US Good Index
21	AVT5EQTB	Alpha Vee Risk Managed Allocation Top 5 Sector Equities & Treasury Bonds Index	66	CBHUSBSGN	Cyberhedge US Good Net Total Return Index
22	AVT5ETTB	Alpha Vee Core Allocation Top 5 Sector ETFs & Treasuries Index	67	CBHUSBSGT	Cyberhedge US Good Total Return Index
23	BDEA	Cboe MSCI EAFE 20-Delta BuyWrite Index (on CSMI Main & MSCI channels)	68	CDSPPG	SPX Gamma Weighted Dispersion
24	BDEF	Cboe MSCI Emerging Markets 20-Delta BuyWrite Index (on CSMI Main & MSCI channels)	69	CDSPT	SPX Theta Weighted Dispersion
25	BFLY	Cboe S&P 500 Iron Butterfly Index	70	CDSPPV	SPX Vega Weighted Dispersion
26	BFLYEA	Cboe MSCI EAFE Iron Butterfly Index (on CSMI Main & MSCI channels)	71	CLL	Cboe Collar 95-110 Index
27	BFLYEF	Cboe MSCI Emerging Markets Iron Butterfly Condor (on CSMI Main & MSCI channels)	72	CLLZ	Cboe S&P 500 Zero-Cost Put Spread Collar Index
28	BSZ	Cboe S&P 500 Index Binary Options	73	CMBO	Cboe S&P 500 Covered Combo Index
29	BVZ	Cboe Binary Options on the Cboe Volatility Index	74	CMBOEA	Cboe MSCI EAFE Covered Combo Index (on CSMI Main & MSCI channels)
30	BXD	Cboe DJIA BuyWrite Index	75	CMBOEF	Cboe MSCI Emerging Markets Covered Combo Index (on CSMI Main & MSCI channels)
31	BXEA	Cboe MSCI EAFE BuyWrite Index (on CSMI Main & MSCI channel)	76	CNDR	Cboe S&P 500 Iron Condor Index
32	BXEF	Cboe MSCI Emerging Markets BuyWrite Index (on CSMI Main & MSCI channel)	77	CNDREA	Cboe MSCI EAFE Iron Condor Index (on CSMI Main & MSCI channels)
33	BXM	Cboe S&P 500 BuyWrite Index	78	CNDREF	Cboe MSCI Emerging Markets Iron Condor Index (on CSMI Main & MSCI channels)
34	BXMC	Cboe S&P 500 Conditional BuyWrite Index	79	COR3M	Cboe Implied Correlation Index
35	BXMD	Cboe S&P 500 30-Delta BuyWrite Index	80	CXU	U.S.- Europe-Japan Basket
36	BXMH	Cboe S&P 500 Half BuyWrite Index	81	DDA	Cboe Jumbo DJ Volatility Ask
37	BXMVM	Cboe S&P 500 Volatility Managed BuyWrite Index	82	DDB	Cboe Jumbo DJ Volatility Bid
38	BXMW	Cboe S&P 500 Multi-Week BuyWrite Index	83	DEY	Morgan Stanley STARS Dow Jones BuyWrite Index
39	BXN	Cboe Nasdaq-100 BuyWrite Index	84	DIB	Morgan Stanley Targeted Income STARS Dow Jones BuyWrite Index
40	BXNH	Cboe Nasdaq-100 Half BuyWrite V2 Index	85	DJS	DJX SOQ
41	BXNT	Cboe NASDAQ-100 BuyWrite V2 Index	86	DXL	Cboe Jumbo DJX Index (1/10th)
42	BXNTU	Cboe NASDAQ-100 BuyWrite V2 UCITS Index	87	EAVOL	Equity Armor Investments VOL 365 Index
43	BXO	Cboe S&P 500 BuyWrite Index	88	EFS	MXEF Option Settlement Value (on CSMI Main & MSCI channels)
44	BXTW	Cboe 20+ Year Treasury Bond One-Week BuyWrite Index	89	ESGST	Cboe ESG Options Settlement Symbol
45	BXY	Cboe S&P 500 BuyWrite 2% OTM	90	ETT	Morgan Stanley STARS S&P 500 BuyWrite Index

## Continued

91	ETZ	Morgan Stanley Targeted Income STARS S&P 500 BuyWrite Index	133	LTQDLXT	Linden Thomas Quality Dividends US Large-Cap Total Return Index
92	EVZ	Cboe EuroCurrency Volatility Index	134	LTQDMX	Linden Thomas Quality Dividends US Mid-Cap Index
93	FVX	Cboe 5 Year Treasury Yield Index	135	LTQDMXN	Linden Thomas Quality Dividends US Mid-Cap Net Total Linden Thomas Quality Dividends US Mid-Cap Total
94	GLACI	Gapstow Liquid Alternative Credit Total Return Index - USD	136	LTQDMXT	Return Index
95	GLACIE	Gapstow Liquid Alternative Credit Total Return Index - EUR	137	LTQDSX	Linden Thomas Quality Dividends US Small-Cap Index Linden Thomas Quality Dividends US Small-Cap Net Total
96	GLACIEP	Gapstow Liquid Alternative Credit Index - EUR	138	LTQDSXN	Return Index
97	GLACIP	Gapstow Liquid Alternative Credit Index - USD	139	LTQDSXT	Linden Thomas Quality Dividends US Small-Cap Total
98	GLDBUF	Cboe Gold 10% (-5% to -15%) Buffer Protect Index	140	MINERS	The S-Network MicroSectors Gold Miners Total Return The S-Network MicroSectors Gold Miners VWAP Index
99	GLDPRO	Cboe Gold 10% Buffer Protect Index Balanced Series	141	MINERSV	(USD)
100	GLDPRO01	Cboe Gold 10% Buffer Protect Index January Series	142	MINX	Cboe Mini-NDX
101	GLDPRO02	Cboe Gold 10% Buffer Protect Index February Series	143	MSQ	Innovator S&P 500 Power Buffer ETF April Intraday
102	GLDPRO03	Cboe Gold 10% Buffer Protect Index March Series	144	MSV	Cboe Morgan Stanley U.S. Portfolio Intrinsic Value Basket Morgan Stanley Style Select Japan Index Net Entitlement
103	GLDPRO04	Cboe Gold 10% Buffer Protect Index April Series	145	MSX	Value MXEA Option Settlement Value (on CSMI Main & MSCI channels)
104	GLDPRO05	Cboe Gold 10% Buffer Protect Index May Series	146	MXS	Morgan Stanley STARS (NBXZ) Cboe Nasdaq-100
105	GLDPRO06	Cboe Gold 10% Buffer Protect Index June Series	147	NHT	BuyWrite Index Nev
106	GLDPRO07	Cboe Gold 10% Buffer Protect Index July Series	148	OET	S&P 100 Flex Settlement Index
107	GLDPRO08	Cboe Gold 10% Buffer Protect Index August Series	149	OVX	Cboe Crude Oil Volatility Index
108	GLDPRO09	Cboe Gold 10% Buffer Protect Index September Series	150	PCJ	Citigroup BXM Pistons Net Investment Value
109	GLDPRO10	Cboe Gold 10% Buffer Protect Index October Series	151	PDEA	Cboe MSCI EAFE 20-Delta PutWrite Index (on CSMI Main & MSCI channels) Cboe MSCI Emerging Markets 20-Delta PutWrite Index (on CSMI Main & MSCI channels)
110	GLDPRO11	Cboe Gold 10% Buffer Protect Index November Series	152	PDEF	
111	GLDPRO12	Cboe Gold 10% Buffer Protect Index December Series	153	PPUT	Cboe S&P 500 5% Put Protection Index Cboe MSCI EAFE 5% Put Protection Index (on CSMI Main & MSCI channels)
112	GLDTI	Cboe Gold Target Income Index Monthly Series	154	PPUTEA	Cboe MSCI Emerging Markets 5% Put Protection Index (on CSMI Main & MSCI channels)
113	GVZ	Cboe Gold ETF Volatility Index	155	PPUTEF	
114	IBHY	iBoxx iShares USD High Yield Corporate Bond Index	156	PTLT	Cboe 20+ Year Treasury Bond PutWrite Index
115	IBIG	iBoxx iShares USD Investment Grade Corporate Bond Index	157	PUT	Cboe PutWrite Index
116	ICJ	Cboe S&P 500 Correlation Index Jan 2022	158	PUTVM	Cboe S&P 500 Volatility Managed PutWrite Index
117	IDB1TV	IDB IndexAmericas Stability Excess Return Index	159	PITY	Cboe S&P 500 2% OTM Putwrite Index
118	IDB1TVG	IDB IndexAmericas Stability Gross Total Return Index	160	PWT	Cboe S&P 500 PutWrite T-W Index
119	IDB1TVP	IDB IndexAmericas Stability Index	161	PXEA	Cboe MSCI EAFE PutWrite Index (on CSMI Main & MSCI channels) Cboe MSCI Emerging Markets PutWrite Index (on CSMI Main & MSCI channels)
120	IDB1TVT	IDB IndexAmericas Stability Total Return Index	162	PXEF	
121	IDB50N	IDB IndexAmericas 50 Net Total Return Index	163	PYEA	Cboe MSCI EAFE 2% OTM PutWrite Index (on CSMI Main & MSCI channels) Cboe MSCI Emerging Markets 2% OTM PutWrite Index (on CSMI Main & MSCI channels)
122	IDBTVER	IDB IndexAmericas 50 Stability Excess Return Index	164	PYEF	
123	IRX	Cboe Short-Term Interest Rate Index			
124	ISWNXT	S-Network International BlackSwan Index	165	RON	UBS Return Optimization Index
125	JCJ	Cboe S&P 500 Correlation Index Jan 2020	166	RPEN	Cboe Russell 2000 Enhanced Growth Balanced Series
126	KCJ	Cboe S&P 500 Correlation Index Jan 2021	167	RPEN01	Cboe Russell 2000 Enhanced Growth Index January Series Cboe Russell 2000 Enhanced Growth Index February Series
127	LOVOL	Cboe Low Volatility Index	168	RPEN02	
128	LTACQG	Linden Thomas US Equity All-Cap Quality Growth 150 Index	169	RPEN03	Cboe Russell 2000 Enhanced Growth Index March Series
129	LTACQGN	Linden Thomas US Equity All-Cap Quality Growth 150 Total Linden Thomas US Equity All-Cap Quality Growth 150 Net	170	RPEN04	Cboe Russell 2000 Enhanced Growth Index April Series
130	LTACQGT	Total Return Index	171	RPEN05	Cboe Russell 2000 Enhanced Growth Index May Series
131	LTQDLX	Linden Thomas Quality Dividends US Large-Cap Index Linden Thomas Quality Dividends US Large-Cap Net Total	172	RPEN06	Cboe Russell 2000 Enhanced Growth Index June Series
132	LTQDLXN	Return Index	173	RPEN07	Cboe Russell 2000 Enhanced Growth Index July Series

## Continued

174	RPEN08	Cboe Russell 2000 Enhanced Growth Index August Series	233	SPBUF10L	Cboe S&P 500 10% Buffered July Index Series
175	RPEN09	Cboe Russell 2000 Enhanced Growth Index September Series	234	SPBUF10M	Cboe S&P 500 10% Buffered March Index Series
176	RPEN10	Cboe Russell 2000 Enhanced Growth Index October Series	235	SPBUF10N	Cboe S&P 500 10% Buffered November Index Series
177	RPEN11	Cboe Russell 2000 Enhanced Growth Index November Series	236	SPBUF10O	Cboe S&P 500 10% Buffered October Index Series
178	RPEN12	Cboe Russell 2000 Enhanced Growth Index December Series	237	SPBUF10S	Cboe S&P 500 10% Buffered September Index Series
179	RPRO	Cboe Russell 2000 Buffer Protect Index Balanced Series	238	SPBUF10U	Cboe S&P 500 10% Buffered June Index Series
180	RPRO01	Cboe Russell 2000 Buffer Protect Index January Series	239	SPBUF10Y	Cboe S&P 500 10% Buffered May Index Series
181	RPRO02	Cboe Russell 2000 Buffer Protect Index February Series	240	SPEN	Cboe S&P 500 Enhanced Growth Balanced Series
182	RPRO03	Cboe Russell 2000 Buffer Protect Index March Series	241	SPEN01	Cboe S&P 500 Enhanced Growth January Series
183	RPRO04	Cboe Russell 2000 Buffer Protect Index April Series	242	SPEN02	Cboe S&P 500 Enhanced Growth February Series
184	RPRO05	Cboe Russell 2000 Buffer Protect Index May Series	243	SPEN03	Cboe S&P 500 Enhanced Growth March Series
185	RPRO06	Cboe Russell 2000 Buffer Protect Index June Series	244	SPEN04	Cboe S&P 500 Enhanced Growth April Series
186	RPRO07	Cboe Russell 2000 Buffer Protect Index July Series	245	SPEN05	Cboe S&P 500 Enhanced Growth May Series
187	RPRO08	Cboe Russell 2000 Buffer Protect Index August Series	246	SPEN06	Cboe S&P 500 Enhanced Growth June Series
188	RPRO09	Cboe Russell 2000 Buffer Protect Index September Series	247	SPEN07	Cboe S&P 500 Enhanced Growth July Series
189	RPRO10	Cboe Russell 2000 Buffer Protect Index October Series	248	SPEN08	Cboe S&P 500 Enhanced Growth August Series
190	RPRO11	Cboe Russell 2000 Buffer Protect Index November Series	249	SPEN09	Cboe S&P 500 Enhanced Growth September Series
191	RPRO12	Cboe Russell 2000 Buffer Protect Index December Series	250	SPEN10	Cboe S&P 500 Enhanced Growth October Series
192	RVOL	Cboe Realized Volatility Index	251	SPEN11	Cboe S&P 500 Enhanced Growth November Series
193	RVOL12M	Cboe 12-Month Realized Volatility Index	252	SPEN12	Cboe S&P 500 Enhanced Growth December Series
194	RVOL3M	Cboe 3-Month Realized Volatility Index	253	SPENME	Cboe S&P 500 Enhanced Growth Balanced Series
195	RVOL6M	Cboe 6-Month Realized Volatility Index	254	SPENME01	Cboe S&P 500 Enhanced Growth Index January Series
196	RXM	Cboe S&P 500 Risk Reversal Index	255	SPENME02	Cboe S&P 500 Enhanced Growth Index February Series
197	SET	S&P 500 Settlement Index	256	SPENME03	Cboe S&P 500 Enhanced Growth Index March Series
198	SHORTVOL	Short VIX Futures Index	257	SPENME04	Cboe S&P 500 Enhanced Growth Index April Series
199	SKEW	Cboe SKEW Index	258	SPENME05	Cboe S&P 500 Enhanced Growth Index May Series
200	SMILE	S&P 500 Smile Index	259	SPENME06	Cboe S&P 500 Enhanced Growth Index June Series
201	SMLCW	Cboe-SMA Weekly Large Cap Long Index	260	SPENME07	Cboe S&P 500 Enhanced Growth Index July Series
202	SP2BF10A	Cboe S&P 500 10% Buffered 25 April Index Series	261	SPENME08	Cboe S&P 500 Enhanced Growth Index August Series
203	SP2BF10D	Cboe S&P 500 10% Buffered 25 December Index Series	262	SPENME09	Cboe S&P 500 Enhanced Growth Index September Series
204	SP2BF10F	Cboe S&P 500 10% Buffered 25 February Index Series	263	SPENME10	Cboe S&P 500 Enhanced Growth Index October Series
205	SP2BF10G	Cboe S&P 500 10% Buffered 25 August Index Series	264	SPENME11	Cboe S&P 500 Enhanced Growth Index November Series
206	SP2BF10J	Cboe S&P 500 10% Buffered 25 January Index Series	265	SPENME12	Cboe S&P 500 Enhanced Growth Index December Series
207	SP2BF10L	Cboe S&P 500 10% Buffered 25 July Index Series	266	SPJGBV	S&P/JPX JGB VIX
208	SP2BF10M	Cboe S&P 500 10% Buffered 25 March Index Series	267	SPJGBVRT	S&P/JPX JGB VIX Real-Time
209	SP2BF10N	Cboe S&P 500 10% Buffered 25 November Index Series	268	SPRF	Cboe S&P 500 15% Buffer Protect Index Balanced Series
210	SP2BF10O	Cboe S&P 500 10% Buffered 25 October Index Series	269	SPRF01	Cboe S&P 500 15% Buffer Protect Index January Series
211	SP2BF10S	Cboe S&P 500 10% Buffered 25 September Index Series	270	SPRF02	Cboe S&P 500 15% Buffer Protect Index February Series
212	SP2BF10U	Cboe S&P 500 10% Buffered 25 June Index Series	271	SPRF03	Cboe S&P 500 15% Buffer Protect Index March Series
213	SP2BF10Y	Cboe S&P 500 10% Buffered 25 May Index Series	272	SPRF04	Cboe S&P 500 15% Buffer Protect Index April Series
214	SP7BF10A	Cboe S&P 500 10% Buffered 75 April Index Series	273	SPRF05	Cboe S&P 500 15% Buffer Protect Index May Series
215	SP7BF10D	Cboe S&P 500 10% Buffered 75 December Index Series	274	SPRF06	Cboe S&P 500 15% Buffer Protect Index June Series
216	SP7BF10F	Cboe S&P 500 10% Buffered 75 February Index Series	275	SPRF07	Cboe S&P 500 15% Buffer Protect Index July Series
217	SP7BF10G	Cboe S&P 500 10% Buffered 75 August Index Series	276	SPRF08	Cboe S&P 500 15% Buffer Protect Index August Series
218	SP7BF10J	Cboe S&P 500 10% Buffered 75 January Index Series	277	SPRF09	Cboe S&P 500 15% Buffer Protect Index September Series
219	SP7BF10L	Cboe S&P 500 10% Buffered 75 July Index Series	278	SPRF10	Cboe S&P 500 15% Buffer Protect Index October Series
220	SP7BF10M	Cboe S&P 500 10% Buffered 75 March Index Series	279	SPRF11	Cboe S&P 500 15% Buffer Protect Index November Series
221	SP7BF10N	Cboe S&P 500 10% Buffered 75 November Index Series	280	SPRF12	Cboe S&P 500 15% Buffer Protect Index December
222	SP7BF10O	Cboe S&P 500 10% Buffered 75 October Index Series	281	SPRI	Cboe S&P 500 Range Bound Premium Income Index
223	SP7BF10S	Cboe S&P 500 10% Buffered 75 September Index Series	282	SPRO	Cboe S&P 500 Buffer Protect Index Balanced Series
224	SP7BF10U	Cboe S&P 500 10% Buffered 75 June Index Series	283	SPRO01	Cboe S&P 500 Buffer Protect Index January Series
225	SP7BF10Y	Cboe S&P 500 10% Buffered 75 May Index Series	284	SPRO02	Cboe S&P 500 Buffer Protect Index February Series
226	SPAI	Cboe S&P 500 Dividend Aristocrat Target Income Index	285	SPRO03	Cboe S&P 500 Buffer Protect Index March Series
227	SPATI	Cboe S&P 500 Dividend Aristocrat Target Income Index	286	SPRO04	Cboe S&P 500 Buffer Protect Index April Series
228	SPBUF10A	Cboe S&P 500 10% Buffered April Index Series	287	SPRO05	Cboe S&P 500 Buffer Protect Index May Series
229	SPBUF10D	Cboe S&P 500 10% Buffered December Index Series	288	SPRO06	Cboe S&P 500 Buffer Protect Index June Series
230	SPBUF10F	Cboe S&P 500 10% Buffered February Index Series	289	SPRO07	Cboe S&P 500 Buffer Protect Index July Series
231	SPBUF10G	Cboe S&P 500 10% Buffered August Index Series	290	SPRO08	Cboe S&P 500 Buffer Protect Index August Series
232	SPBUF10J	Cboe S&P 500 10% Buffered January Index Series	291	SPRO09	Cboe S&P 500 Buffer Protect Index September Series

## Continued

					Cboe 20+ Year Treasury 10% Buffer Protect Index
292	SPRO10	Cboe S&P 500 Buffer Protect Index October Series	329	TLTPRO10	October Series
					Cboe 20+ Year Treasury 10% Buffer Protect Index
293	SPRO11	Cboe S&P 500 Buffer Protect Index November Series	330	TLTPRO11	November Series
294	SPRO12	Cboe S&P 500 Buffer Protect Index December Series	331	TLTPRO12	Cboe 20+ Year Treasury 10% Buffer Protect Index
295	SPROME	Cboe S&P 500 Buffer Protect Index Balanced Series	332	TNX	Cboe Interest Rate 10 Year T Note
296	SPROME01	Cboe S&P 500 Buffer Protect Index January Series	333	TWAV1	Cboe 1st VIX Futures Mid-Morning 15 minute Indicative
297	SPROME02	Cboe S&P 500 Buffer Protect Index February Series	334	TWAV2	Cboe 2nd VIX Futures Mid-Morning 15 Minute Indicative
298	SPROME03	Cboe S&P 500 Buffer Protect Index March Series	335	TWAV3	Cboe 3rd VIX Futures Mid-Morning 15 Minute Indicative
					Cboe 1st VIX Futures Mid-Morning 3 Hour Indicative
299	SPROME04	Cboe S&P 500 Buffer Protect Index April Series	336	TWBV1	TWAP Value
300	SPROME05	Cboe S&P 500 Buffer Protect Index May Series	337	TWBV2	Cboe 2nd VIX Futures Mid-Morning 3 Hour Indicative
					Cboe 3rd VIX Futures Mid-Morning 3 Hour Indicative
301	SPROME06	Cboe S&P 500 Buffer Protect Index June Series	338	TWBV3	TWAP Value
302	SPROME07	Cboe S&P 500 Buffer Protect Index July Series	339	TWLV1	Cboe 1st VIX Futures Mid-Morning Indicative TWAP Value
					Cboe 2nd VIX Futures Mid-Morning Indicative TWAP
303	SPROME08	Cboe S&P 500 Buffer Protect Index August Series	340	TWLV2	Value
					Cboe 3rd VIX Futures Mid-Morning Indicative TWAP
304	SPROME09	Cboe S&P 500 Buffer Protect Index September Series	341	TWLV3	Value
					Cboe 4th VIX Futures Mid-Morning Indicative TWAP
305	SPROME10	Cboe S&P 500 Buffer Protect Index October Series	342	TWLV4	Value
					Cboe 5th VIX Futures Mid-Morning Indicative TWAP
306	SPROME11	Cboe S&P 500 Buffer Protect Index November Series	343	TWLV5	Value
					Cboe 6th VIX Futures Mid-Morning Indicative TWAP
307	SPROME12	Cboe S&P 500 Buffer Protect Index December Series	344	TWLV6	Value
		Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index			Cboe 7th VIX Futures Mid-Morning Indicative TWAP
308	SPRS01	January Series	345	TWLV7	Value
		Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index April			Cboe 8th VIX Futures Mid-Morning Indicative TWAP
309	SPRS04	Series	346	TWLV8	Value
		Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index July			Cboe 9th VIX Futures Mid-Morning Indicative TWAP
310	SPRS07	Series	347	TWLV9	Value
		Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index			
311	SPRS10	October Series	348	TYX	Treasury Yield 30 Years
312	SRO	S&P 500 Range Option Underlying Index	349	UZF	Cboe VIX Jan Futures 4 pm EST Mark Index
313	SRVIX	Cboe Interest Volatility Index	350	UZG	Cboe VIX Feb Futures 4 pm EST Mark Index
		Cboe S&P 500 4% OTM Short Strangle Index (with KRW 3			
314	SSTGK	month Certificate of Deposit)	351	UZH	Cboe VIX Mar Futures 4 pm EST Mark Index
315	SUPDN	Cboe S&P Enhance and Buffer Index	352	UZI	Cboe VIX Apr Futures 4 pm EST Mark Index
316	SVRO	Cboe S&P 500 Short-Term Volatility Index Settlement Price	353	UZK	Cboe VIX May Futures 4 pm EST Mark Index
		Cboe S&P 500 Market-Neutral Volatility Risk Premia			
317	SVRPO	Optimized Index	354	UZM	Cboe VIX Jun Futures 4 pm EST Mark Index
318	SWANXT	ARGI BlackSwan Core Index	355	UZN	Cboe VIX Jul Futures 4 pm EST Mark Index
319	TLTPRO	Cboe 20+ Year Treasury 10% Buffer Protect Index Balanced	356	UZQ	Cboe VIX Aug Futures 4 pm EST Mark Index
		Series			
320	TLTPRO01	Cboe 20+ Year Treasury 10% Buffer Protect Index January	357	UZU	Cboe VIX Sep Futures 4 pm EST Mark Index
		Series			
321	TLTPRO02	Cboe 20+ Year Treasury 10% Buffer Protect Index February	358	UZV	Cboe VIX Oct Futures 4 pm EST Mark Index
		Series			
322	TLTPRO03	Cboe 20+ Year Treasury 10% Buffer Protect Index March	359	UZX	Cboe VIX Nov Futures 4 pm EST Mark Index
		Series			
323	TLTPRO04	Cboe 20+ Year Treasury 10% Buffer Protect Index April	360	UZZ	Cboe VIX Dec Futures 4 pm EST Mark Index
		Series			
324	TLTPRO05	Cboe 20+ Year Treasury 10% Buffer Protect Index May	361	VAEEM	Cboe VXEEM Ask Index
		Series			
325	TLTPRO06	Cboe 20+ Year Treasury 10% Buffer Protect Index June	362	VAF	S&P Variance Futures Settlement Price
		Series			
326	TLTPRO07	Cboe 20+ Year Treasury 10% Buffer Protect Index July Series	363	VAFF1	Cboe January 2021 S&P Variance Futures Closing Price
		Cboe 20+ Year Treasury 10% Buffer Protect Index August			
327	TLTPRO08	Series	364	VAFG1	Cboe February 2021 S&P Variance Futures Closing Price
		Cboe 20+ Year Treasury 10% Buffer Protect Index			
328	TLTPRO09	September Series	365	VAFH1	Cboe March 2021 S&P Variance Futures Closing Price

## Continued

366	VAFJ1	Cboe April 2021 S&P Variance Futures Closing Price	416	VIX37W	Cboe VIX 37 Weekly Futures Index
367	VAFK1	Cboe May 2021 S&P Variance Futures Closing Price	417	VIX38W	Cboe VIX 38 Weekly Futures Index
368	VAFM1	Cboe June 2021 S&P Variance Futures Closing Price	418	VIX39W	Cboe VIX 39 Weekly Futures Index
369	VAFU1	Cboe September 2021 S&P Variance Futures Closing Price	419	VIX3M	Cboe S&P 500 3 Month Volatility Index
370	VAFX0	Cboe November 2020 S&P Variance Futures Closing Price	420	VIX40W	Cboe VIX 40 Weekly Futures Index
371	VAFZ0	Cboe December 2020 S&P Variance Futures Closing Price	421	VIX41W	Cboe VIX 41 Weekly Futures Index
372	VAFZ1	Cboe December 2021 S&P Variance Futures Closing Price	422	VIX43W	Cboe VIX 43 Weekly Futures Index
373	VBEEM	Cboe VXEEM Bid Index Cboe 1st Month VIX Futures 15 Minute EOD Indicative	423	VIX44W	Cboe VIX 44 Weekly Futures Index
374	VFTW1	TWAP Value Cboe 2nd Month VIX Futures 15 Minute EOD Indicative	424	VIX45W	Cboe VIX 45 Weekly Futures Index
375	VFTW2	TWAP Value	425	VIX46W	Cboe VIX 46 Weekly Futures Index
376	VIF	Far Term S&P 500 Volatility Index	426	VIX47W	Cboe VIX 47 Weekly Futures Index
377	VIFMO	Cboe Far-Term VIXMO Index	427	VIX48W	Cboe VIX 48 Weekly Futures Index
378	VIN	Near Term S&P 500 Volatility Index	428	VIX49W	Cboe VIX 49 Weekly Futures Index
379	VINMO	Cboe Near-Term VIXMO Index	429	VIX50W	Cboe VIX 50 Weekly Futures Index
380	VINXE	Cboe SPX Near Term Expiry VIX Index	430	VIX51W	Cboe VIX 51 Weekly Futures Index
381	VIX	Cboe Volatility Index	431	VIX52W	Cboe VIX 52 Weekly Futures Index
382	VIX01W	Cboe VIX 01 Weekly Futures Index	432	VIX6M	Cboe S&P 500 6-Month Volatility Index
383	VIX02W	Cboe VIX 02 Weekly Futures Index	433	VIX9D	Cboe S&P 500 9-Day Volatility Index
384	VIX03W	Cboe VIX 03 Weekly Futures Index	434	VIXAPR	Cboe VIX April Futures Index
385	VIX04W	Cboe VIX 04 Weekly Futures Index	435	VIXAUG	Cboe VIX August Futures Index
386	VIX05W	Cboe VIX 05 Weekly Futures Index	436	VIXDEC	Cboe VIX December Futures Index
387	VIX06W	Cboe VIX 06 Weekly Futures Index	437	VIXFEB	Cboe VIX February Futures Index
388	VIX07W	Cboe VIX 07 Weekly Futures Index	438	VIXJAN	Cboe VIX January Futures Index
389	VIX08W	Cboe VIX 08 Weekly Futures Index	439	VIXJUL	Cboe VIX July Futures Index
390	VIX09W	Cboe VIX 09 Weekly Futures Index	440	VIXJUN	Cboe VIX Jun eFutures Index
391	VIX10W	Cboe VIX 10 Weekly Futures Index	441	VIXMAR	Cboe VIX March Futures Index
392	VIX11W	Cboe VIX 11 Weekly Futures Index	442	VIXMAY	Cboe VIX May Futures Index
393	VIX12W	Cboe VIX 12 Weekly Futures Index	443	VIXMO	Cboe Standard Monthly Only Volatility Index
394	VIX13W	Cboe VIX 13 Weekly Futures Index	444	VIXNOV	Cboe VIX November Futures Index
395	VIX14W	Cboe VIX 14 Weekly Futures Index	445	VIXOCT	Cboe VIX October Futures Index
396	VIX15W	Cboe VIX 15 Weekly Futures Index	446	VIXSEP	Cboe VIX September Futures Index
397	VIX17W	Cboe VIX 17 Weekly Futures Index	447	VPD	Cboe VIX Premium Strategy Index
398	VIX18W	Cboe VIX 18 Weekly Futures Index	448	VPN	Cboe Capped VIX Premium Strategy Index
399	VIX19W	Cboe VIX 19 Weekly Futures Index	449	VRO	Cboe Volatility Index Settlement Value
400	VIX1Y	Cboe S&P 500 One-Year Volatility Index	450	VSTF	Cboe SPX Far-Term VXST Index
401	VIX21W	Cboe VIX 21 Weekly Futures Index	451	VSTG	Cboe VIX Strangle Index
402	VIX22W	Cboe VIX 22 Weekly Futures Index	452	VSTN	Cboe SPX Near-Term VXST Index
403	VIX23W	Cboe VIX 23 Weekly Futures Index	453	VVIX	VVIX Index
404	VIX24W	Cboe VIX 24 Weekly Futures Index	454	VW1VX	Cboe Near-Term VIX Future Contract 2 Minute VWAP
405	VIX25W	Cboe VIX 25 Weekly Futures Index	455	VW2VX	Cboe Second-Term VIX Future Contract 2 Minute VWAP
406	VIX26W	Cboe VIX 26 Weekly Futures Index	456	VW3VX	Cboe Third-Term VIX Future Contract 2 Minute VWAP
407	VIX27W	Cboe VIX 27 Weekly Futures Index	457	VWA	Cboe Market Volatility SPX Offer Price
408	VIX28W	Cboe VIX 28 Weekly Futures Index	458	VWB	Cboe Market Volatility SPX Bid Price
409	VIX30W	Cboe VIX 30 Weekly Futures Index	459	VXIND1	Cboe VX Futures 1st Near-Term Month Indicative Daily Settlement Value
410	VIX31W	Cboe VIX 31 Weekly Futures Index	460	VX15TW1	Cboe 1st VIX Futures 15 Minute Indicative TWAP Midpoint Value
411	VIX32W	Cboe VIX 32 Weekly Futures Index	461	VX15TW1A	Cboe 1st VIX Futures 15 Minute Indicative TWAP Ask Value
412	VIX33W	Cboe VIX 32 Weekly Futures Index	462	VX15TW1B	Cboe 1st VIX Futures 15 Minute Indicative TWAP Bid Value
413	VIX34W	Cboe VIX 34 Weekly Futures Index	463	VX15TW2	Cboe 2nd VIX Futures 15 Minute Indicative TWAP Midpoint Value
414	VIX35W	Cboe VIX 35 Weekly Futures Index	464	VX15TW2A	Cboe 2nd VIX Futures 15 Minute Indicative TWAP Ask Value
415	VIX36W	Cboe VIX 36 Weekly Futures Index	465	VX15TW2B	Cboe 2nd VIX Futures 15 Minute Indicative TWAP Bid Value

**Continued**

466	VX1YA	Cboe VIX1Y Indicative Ask	522	OEX	Standard & Poor's 100
467	VX1YB	Cboe VIX1Y Indicative Bid	523	SISB	Materials Select Sector Index Settlement Value Communication Services Select Sector Index Settlement Value
468	VX1YF	Cboe Far-Term VIX1Y	524	SISC	Value
469	VX1YN	Cboe Near-Term VIX1Y	525	SISE	Energy Select Sector Index Settlement Value
470	VXIND2	Cboe VX Futures 2nd Near-Term Month Indicative Daily Settlement Value	526	SISIN	Industrials Select Sector Index Settlement Value
471	VXIND3	Cboe VX Futures 3rd Near-Term Month Indicative Daily Settlement Value	527	SISM	Financial Select Sector Index Settlement Value
472	VX3MN	Cboe Near-Term VIX3M	528	SISR	Consumer Staples Select Sector Index Settlement Value
473	VXAPL	Cboe Apple VIX	529	SISRE	Real Estate Select Sector Index Settlement Value
474	VXAZN	Cboe Amazon VIX	530	SIST	Technology Select Sector Index
475	VXB	Jumbo Cboe Volatility	531	SISUT	Utilities Select Sector Index Settlement Value
476	VXD	DJIA Volatility	532	SISV	Health Select Sector Index Settlement Value
477	VXDEC	Cboe S&P 500 December Volatility Index	533	SISY	Value
478	VXEEM	Cboe Emerging Markets ETF Volatility Index	534	SIXB	Materials Select Sector Index
479	VXEFA	Cboe EFA ETF Volatility Index	535	SIXC	Communication Services Select Sector Index
480	VXEWZ	Cboe Brazil ETF Volatility Index	536	SIXE	Energy Select Sector Index
481	VXFWA	VOL Index First Implied Volatility	537	SIXI	Industrials Select Sector Index
482	VXFVB	VOL Index Second Forward Implied Volatility	538	SIXM	Financial Select Sector Index
483	VXFXI	Cboe China ETF Volatility Index	539	SIXR	Consumer Staples Select Sector Index
484	VXGDX	Cboe Gold Miners ETF Volatility Index	540	SIXRE	Real Estate Select Sector Index
485	VXGOG	Cboe Google VIX	541	SIXT	Technology Select Sector Index
486	VXGS	Cboe Goldman Sachs VIX	542	SIXU	Utilities Select Sector Index
487	VXHYG	Cboe High Yield Corporate Bond ETF Volatility Index	543	SIXV	Health Select Sector Index
488	VXIBM	Cboe IBM VIX	544	SIXY	Consumer Discretionary Select Sector Index
489	VXJUN	Cboe S&P 500 June Volatility Index	545	SPDVXE	S&P 500 Dynamic VIX Futures ER
490	VXMAR	Cboe S&P 500 March Volatility Index	546	SPDVXT	S&P 500 Dynamic VIX Futures TR
491	VXN	Cboe Nasdaq-100 Volatility Index	547	SPESG	S&P 500 ESG Index
492	VXO	Cboe OEX Implied Volatility	548	SPVXEP	S&P 500 VIX Futures Enhanced Roll Index ER
493	VXS	Cboe Volatility Index Options Settlement Value	549	SPVXET	S&P 500 VIX Futures Enhanced Roll Index TR
494	VXSEP	Cboe S&P 500 September Volatility Index	550	SPX	Standard & Poor's 500
495	VXSLV	Cboe Silver ETF Volatility Index	551	XEO	Standard & Poor's 100 (European)
496	VXTA1	Cboe 1st VIX Futures TAS Ask Price Index	552	XSP	Mini Standard & Poor's 500
497	VXTA2	Cboe 2nd VIX Futures TAS Ask Price Index	553	XSPAM	Mini SPX Index (AM Settlement)
498	VXTA3	Cboe 3rd VIX Futures TAS Ask Price Index			
499	VXTB1	Cboe 1st VIX Futures TAS Bid Price Index			
500	VXTB2	Cboe 2nd VIX Futures TAS Bid Price Index			
501	VXTB3	Cboe 3rd VIX Futures TAS Bid Price Index			
502	VXTH	Cboe VIX Tail Hedge Index			
503	VXTLT	Cboe 20+ Year Treasury Bond ETF Volatility Index			
504	VXW3	Cboe SPX Week 3 Strip Expiration VIX Index			
505	VXW4	Cboe SPX Week 4 Strip Expiration VIX Index			
506	VXW5	Cboe SPX Week 5 Strip Expiration VIX Index			
507	VXW6	Cboe SPX Week 6 Strip Expiration VIX Index			
508	VXXLE	Cboe Energy Sector ETF Volatility Index			
509	WPUT	Cboe S&P 500 One-Week PutWrite Index			
510	XSM	S&P 600 Settlement			
511	XSR	S&P 500 Settlement Reduced			

**Societe Generale (Included in CSMI Main)**

512	DLVIX	Dynamic Long VIX Futures Index
513	DSVIER	Dynamic Short VIX Futures Index - Excess Return
514	DSVIX	Dynamic Short VIX Futures Index

**Standard and Poor's (Included in CSMI Main)**

515	CEX	Standard & Poor's Chemicals Index
516	DJR	Dow Jones Equity REIT Index
517	DJX	Dow Jones Utility Average Index
518	DTX	Dow Jones 1/10 Trans Index
519	DUX	DJUA
520	DVS	S&P 500 Dividend Index - 10X
521	ECM	Dow Jones Internet Commerce



## Cboe Streaming Market Indices as of June 22, 2021

### FTSE Russell Channel

1	BXR	Cboe Russell 2000 BuyWrite
2	BXRC	Cboe Russell 2000 Conditional BuyWrite Index
3	BXRD	Cboe Russell 2000 30-Delta BuyWrite Index
4	BXRT	Cboe Russell 2000 30-Delta BuyWrite V2 Index
5	CLLR	Cboe Russell 2000 Zero-Cost Put Spread Collar Index
6	EMS	FTSE Emerging Index Option Settlement Price
7	MRLS	Mini-Russell 2000 Index (AM Settlement)
8	MRUT	Mini-Russell 2000 Index
9	PUTR	Cboe Russell 2000 PutWrite Index
10	RIR	Russell 1000 Index Settlement Value
11	RLR	Russell 1000 Growth Index Settlement Value
12	RLS	Russell 2000 Index Settlement Value
13	RSL	Cboe Russell 2000 Volatility Index Settlement Price
14	RUI	Russell 1000 Index
15	RVS	Russell 1000 Value Index Settlement Value
16	RVX	Cboe Russell 2000 Volatility
17	UKS	FTSE 100 Mini Index Settlement Value
18	WPTR	Cboe Russell 2000 One-Week PutWrite Index

### CCCY Channel

1	BCHUSD1	Cboe 1 Bitcoin Cash / USD RealPrice
2	BCHUSD10	Cboe 10 Bitcoin Cash / USD RealPrice
3	BCHUSD100	Cboe 100 Bitcoin Cash / USD RealPrice
4	BCHUSD20	Cboe 20 Bitcoin Cash / USD RealPrice
5	BCHUSD40	Cboe 40 Bitcoin Cash / USD RealPrice
6	BCHUSD5	Cboe 5 Bitcoin Cash / USD RealPrice
7	BTCUSD1	Cboe 1 Bitcoin / USD RealPrice
8	BTCUSD10	Cboe 10 Bitcoin / USD RealPrice
9	BTCUSD20	Cboe 20 Bitcoin / USD RealPrice
10	BTCUSD20P	Cboe 0.2 Bitcoin / USD RealPrice
11	BTCUSD5	Cboe 5 Bitcoin / USD RealPrice
12	DOGEUSD10000	Cboe 10000 DOGE / USD RealPrice
13	DOGEUSD100K	Cboe 100K DOGE / USD RealPrice
14	DOGEUSD50000	Cboe 50000 DOGE / USD RealPrice
15	DOTUSD1000	Cboe 1000 Polkadot / USD RealPrice
16	DOTUSD10000	Cboe 10000 Polkadot / USD RealPrice
17	DOTUSD250	Cboe 250 Polkadot / USD RealPrice
18	DOTUSD2500	Cboe 2500 Polkadot / USD RealPrice
19	DOTUSD5000	Cboe 5000 Polkadot / USD RealPrice
20	ETHUSD100	Cboe 100 Ethereum / USD RealPrice
21	ETHUSD20	Cboe 20 Ethereum / USD RealPrice
22	ETHUSD200	Cboe 200 Ethereum / USD RealPrice
23	ETHUSD400	Cboe 400 Ethereum / USD RealPrice
24	ETHUSD5	Cboe 5 Ethereum / USD RealPrice
25	ETHUSD50	Cboe 50 Ethereum / USD RealPrice
26	GXBT	Gemini Bitcoin Trade Price
27	GXET	Gemini Ethereum Trade Price
28	LINKUSD100	Cboe 100 Chainlink / USD RealPrice
29	LINKUSD1000	Cboe 1000 Chainlink / USD RealPrice
30	LINKUSD500	Cboe 500 Chainlink / USD RealPrice
31	LTCUSD10	Cboe 10 Litecoin / USD RealPrice
32	LTCUSD100	Cboe 100 Litecoin / USD RealPrice
33	LTCUSD200	Cboe 200 Litecoin / USD RealPrice
34	LTCUSD25	Cboe 25 Litecoin / USD RealPrice
35	LTCUSD5	Cboe 5 Litecoin / USD RealPrice
36	LTCUSD50	Cboe 50 Litecoin / USD RealPrice
37	XBTIQ	Gemini 4 pm Bitcoin Auction Indicative Price
38	XBTIS	Gemini 4 pm Bitcoin Auction Indicative Price
39	XBTS	Gemini 4 pm Bitcoin Auction Price

### INAV Channel

1	APRZIV	TrueShares Structured Outcome (April) ETF Intraday Indicative Value
2	AUGZIV	TrueShares Structured Outcome (August) ETF Intraday Indicative Value
3	AZAAIV	AllianzIM U.S. Large Cap Buffer10 Apr ETF Intraday Indicative Value
4	AZAJIV	AllianzIM U.S. Large Cap Buffer10 Jan ETF Intraday Indicative Value
5	AZALIV	AllianzIM U.S. Large Cap Buffer10 Jul ETF Intraday Indicative Value
6	AZAOIV	AllianzIM U.S. Large Cap Buffer10 Oct ETF Intraday Indicative Value
7	AZBAIV	AllianzIM U.S. Large Cap Buffer20 Apr ETF Intraday Indicative Value
8	AZBJIV	AllianzIM U.S. Large Cap Buffer20 Jan ETF Intraday Indicative Value
9	AZBLIV	AllianzIM U.S. Large Cap Buffer20 Jul ETF Intraday Indicative Value
10	AZBOIV	AllianzIM U.S. Large Cap Buffer20 Oct ETF Intraday Indicative Value
11	BAPRIV	Innovator S&P 500 Buffer ETF April Intraday Indicative Value
12	BAUGIV	Innovator S&P 500 Buffer ETF August Intraday Indicative Value
13	BDECIV	Innovator S&P 500 Buffer ETF December Intraday Indicative Value
14	BFEBIV	Innovator S&P 500 Buffer ETF February Intraday Indicative Value
15	BJANIV	Innovator S&P 500 Buffer ETF January Intraday Indicative Value
16	BJULIV	Innovator S&P 500 Buffer ETF July Intraday Indicative Value
17	BJUNIV	Innovator S&P 500 Buffer ETF June Intraday Indicative Value
18	BMARIV	Innovator S&P Buffer ETF March Intraday Indicative Value
19	BMAYIV	Innovator S&P 500 Buffer ETF May Intraday Indicative Value
20	BNOVIV	Innovator S&P 500 Buffer ETF November Intraday Indicative Value
21	BOCTIV	Innovator S&P 500 Buffer ETF October Intraday Indicative Value
22	BSEPIV	Innovator S&P 500 Buffer ETF September Intraday Indicative Value
23	DAUGIV	FT Cboe Vest U.S. Equity Deep Buffer ETF August Intraday Indicative Value
24	DBJAIV	Innovator Double Stacker 9 Buffer ETF January Intraday Indicative Value
25	DBOCIV	Innovator Double Stacker 9 Buffer ETF October Intraday Indicative Value
26	DECZIV	TrueShares Structured Outcome (December) ETF Intraday Indicative Value
27	DEFBIV	FT Cboe Vest U.S. Equity Deep Buffer ETF February Intraday Indicative Value
28	DGLDIV	VelocityShares 3x Inverse Gold ETN Intraday Indicative Value
29	DJULIV	FT Cboe Vest U.S. Equity Deep Buffer ETF July Intraday Indicative Value
30	DJUNIV	FT Cboe Vest U.S. Equity Deep Buffer ETF June Intraday Indicative Value
31	DMAYIV	FT Cboe Vest U.S. Equity Deep Buffer ETF May Intraday Indicative Value
32	DNOVIV	FT Cboe Vest U.S. Equity Deep Buffer ETF November Intraday Indicative Value
33	DOCTIV	FT Cboe Vest U.S. Equity Deep Buffer ETF October Intraday Indicative Value
34	DSEPIV	FT Cboe Vest U.S. Equity Deep Buffer ETF September Intraday Indicative Value
35	DSJAIV	Innovator Double Stacker ETF January Intraday Indicative Value
36	DSLIV	VelocityShares 3x Inverse Silver ETN Intraday Indicative Value
37	DSOCIV	Innovator Double Stacker ETF October Intraday Indicative Value
38	EAPRIV	Innovator MSCI Emerging Markets Power Buffer ETF April Intraday Indicative Value
39	EJANIV	Innovator MSCI Emerging Markets Power Buffer ETF January Intraday Indicative Value
40	EJULIV	Innovator MSCI Emerging Markets Power Buffer ETF July Intraday Indicative Value
41	EOCTIV	Innovator MSCI Emerging Markets Power Buffer ETF October Intraday Indicative Value
42	FAUGIV	FT Cboe Vest U.S. Equity Buffer ETF August Intraday Indicative Value
43	FEBZIV	TrueShares Structured Outcome (February) ETF Intraday Indicative Value
44	FFEBIV	FT Cboe Vest U.S. Equity Buffer ETF February Intraday Indicative Value
45	FJULIV	FT Cboe Vest U.S. Equity Buffer ETF July Intraday Indicative Value
46	FJUNIV	FT Cboe Vest U.S. Equity Buffer ETF June Intraday Indicative Value
47	FMAYIV	FT Cboe Vest U.S. Equity Buffer ETF May Intraday Indicative Value
48	FNOVIV	FT Cboe Vest U.S. Equity Buffer ETF November Intraday Indicative Value
49	FOCTIV	FT Cboe Vest U.S. Equity Buffer ETF October Intraday Indicative Value
50	FSEPIV	FT Cboe Vest U.S. Equity Buffer ETF September Intraday Indicative Value
51	HEGDIV	Swan Hedged Equity US Large Cap ETF Intraday Indicative Value
52	IAPRIV	Innovator MSCI EAFE Power Buffer ETF April Intraday Indicative Value
53	IJANIV	Innovator MSCI EAFE Power Buffer ETF January Intraday Indicative Value
54	IJULIV	Innovator MSCI EAFE Power Buffer ETF July Intraday Indicative Value
55	IOCTIV	Innovator MSCI EAFE Power Buffer ETF October Intraday Indicative Value
56	JANZIV	TrueShares Structured Outcome (January) ETF Intraday Indicative Value
57	JULZIV	TrueShares Structured Outcome (July) ETF Intraday Indicative Value
58	JUNZIV	TrueShares Structured Outcome (June) ETF Intraday Indicative Value
59	KAPRIV	Innovator Russell 2000 Power Buffer ETF April Intraday Indicative Value
60	KJANIV	Innovator Russell 2000 Power Buffer ETF January Intraday Indicative Value
58	KJULIV	Innovator Russell 2000 Power Buffer ETF July Intraday Indicative Value
60	KOCTIV	Innovator Russell 2000 Power Buffer ETF October Intraday Indicative Value
61	MARZIV	TrueShares Structured Outcome (March) ETF Intraday Indicative Value
59	MAYZIV	TrueShares Structured Outcome (May) ETF Intraday Indicative Value
61	MNV	Invesco S&P 500 BuyWrite ETF-INAV



**Continued**

62	NAPRIV	Innovator Nasdaq-100 Power Buffer ETF April Intraday Indicative Value
60	NJANIV	Innovator Nasdaq-100 Power Buffer ETF January Intraday Indicative Value
62	NJULIV	Innovator Nasdaq-100 Power Buffer ETF July Intraday Indicative Value
63	NOCTIV	Innovator Nasdaq-100 Power Buffer ETF October Intraday Indicative Value
64	NVMZIV	TrueShares Structured Outcome (November) ETF Intraday Indicative Value
65	OCTZIV	TrueShares Structured Outcome (October) ETF Intraday Indicative Value
66	PAMYIV	Innovator S&P 500 Power Buffer ETF May Intraday Indicative Value
67	PAPRIV	Innovator S&P 500 Power Buffer ETF April Intraday Indicative Value
68	PAUGIV	Innovator S&P 500 Power Buffer ETF August Intraday Indicative Value
69	PDECIV	Innovator S&P 500 Power Buffer ETF December Intraday Indicative Value
70	PFEBIV	Innovator S&P 500 Power Buffer ETF February Intraday Indicative Value
71	PJANIV	Innovator S&P 500 Power Buffer ETF January Intraday Indicative Value
72	PJULIV	Innovator S&P 500 Power Buffer ETF July Intraday Indicative Value
73	PJUNIV	Innovator S&P 500 Power Buffer ETF June Intraday Indicative Value
74	PMARIV	Innovator S&P Power Buffer ETF March Intraday Indicative Value
75	PNOVIV	Innovator S&P 500 Power Buffer ETF November Intraday Indicative Value
76	POCTIV	Innovator S&P 500 Power Buffer ETF October Intraday Indicative Value
77	PSCWIV	Pacer Swan SOS Conservative (April) ETF Intraday Indicative Value
78	PSCXIV	Pacer Swan SOS Conservative (December) ETF Intraday Indicative Value
79	PSEPIV	Innovator S&P 500 Power Buffer ETF September Intraday Indicative Value
80	PSFDIV	Pacer Swan SOS Flex (December) ETF Intraday Indicative Value
81	PSFFIV	Pacer Swan SOS Fund of Funds ETF Intraday Indicative Value
82	PSFMIV	Pacer Swan SOS Flex (April) ETF Intraday Indicative Value
83	PSMDIV	Pacer Swan SOS Moderate (December) ETF Intraday Indicative Value
84	PSMRIV	Pacer Swan SOS Moderate (April) ETF Intraday Indicative Value
85	QTAPIV	Innovator Growth-100 Accelerated Plus ETF April Intraday Indicative Value
86	QYLGIV	Global X Nasdaq 100 Covered Call & Growth ETF Intraday Indicative Value
87	SEPZIV	TrueShares Structured Outcome (September) ETF Intraday Indicative Value
88	SVIXIV	-1x Short VIX Futures RTF - Intraday Indicative Value
89	TBJLIV	Innovator 20+ Year Treasury Bond 9 Buffer ETF - July Intraday Indicative Value
90	TFJLIV	Innovator 20+ Year Treasury Bond 5 Floor ETF - July Intraday Indicative Value
91	TSJAIV	Innovator Triple Stacker ETF January Intraday Indicative Value
92	TSOCIV	Innovator Triple Stacker ETF October Intraday Indicative Value
93	TVIXIV	VelocityShares Daily 2x VIX Short-Term ETN Intraday Indicative Value
94	UAPRIV	Innovator S&P 500 Ultra ETF April Intraday Indicative Value
95	UAUGIV	Innovator S&P 500 Ultra Buffer ETF August Intraday Indicative Value
96	UDECIV	Innovator S&P 500 Ultra Buffer ETF December Intraday Indicative Value
97	UFEBIV	Innovator S&P 500 Ultra Buffer ETF February Intraday Indicative Value
98	UGAZIV	VelocityShares 3x Long Natural Gas ETN Intraday Indicative Value
99	UGLDIV	VelocityShares 3x Long Gold ETN Intraday Indicative Value
100	UJANIV	Innovator S&P 500 Ultra Buffer ETF January Intraday Value
101	UJULIV	Innovator S&P 500 Ultra Buffer ETF July Intraday Value
102	UJUNIV	Innovator S&P 500 Ultra Buffer ETF June Intraday Value
103	UMARIV	Innovator S&P Power Ultra ETF March Intraday Indicative Value
104	UMAYIV	Innovator S&P 500 Ultra Buffer ETF May Intraday Indicative Value
105	UNOVIV	Innovator S&P 500 Ultra Buffer ETF November Intraday Indicative Value
106	UOCTIV	Innovator S&P 500 Ultra Buffer ETF October Intraday Value
107	USEPIV	Innovator S&P 500 Ultra Buffer ETF September Intraday Indicative Value
108	USLVIV	VelocityShares 3x Long Silver ETN Intraday Indicative Value
109	VIIIXIV	VelocityShares 2x VIX Short-Term ETN Intraday Indicative Value
110	XBAPIV	Innovator U.S. Equity Accelerated 9 Buffer ETF April Intraday Indicative Value
111	XDAPIV	Innovator U.S. Equity Accelerated ETF April Intraday Indicative Value
112	XDQQIV	Innovator Growth-100 Accelerated Plus ETF Quarterly Intraday Indicative Value
113	XDSQIV	Innovator U.S. Equity Accelerated ETF Quarterly Intraday Indicative Value
114	XTAPIV	Innovator U.S. Equity Accelerated Plus ETF April Intraday Indicative Value
115	XYLGIV	Global X S&P 500 Covered Call & Growth ETF Intraday Indicative Value
116	ZIVIV	VelocityShares Daily Inverse VIX Medium-Term ETN Intraday Indicative Value

**MSCI Channel***(available only to Enterprise Fee Customers - please contact [indexdata@cboe.com](mailto:indexdata@cboe.com) for information)*

1	BDEA	Cboe MSCI EAFE 20-Delta BuyWrite Index (on CSMI & MSCI channels)
2	BDEF	Cboe MSCI Emerging Markets 20-Delta BuyWrite Index (on CSMI & MSCI channels)
3	BFLYEA	Cboe MSCI EAFE Iron Butterfly Index (on CSMI Main & MSCI channels)
4	BFLYEF	Cboe MSCI Emerging Markets Iron Butterfly Condor (on CSMI Main & MSCI channels)
5	BXEA	Cboe MSCI EAFE BuyWrite Index (on CSMI & MSCI channels)

**Continued**

6	BXEF	Cboe MSCI Emerging Markets BuyWrite Index (on CSMI & MSCI channels)
7	BYEA	Cboe MSCI EAFE 2% OTM BuyWrite Index (on CSMI & MSCI channels)
8	BYEF	Cboe MSCI Emerging Markets 2% OTM BuyWrite Index (on CSMI & MSCI channels)
9	CMBOEA	Cboe MSCI EAFE Covered Combo Index (on CSMI Main & MSCI channels)
10	CMBOEF	Cboe MSCI Emerging Markets Covered Combo Index (on CSMI Main & MSCI channels)
11	CNDREA	Cboe MSCI EAFE Iron Condor Index (on CSMI Main & MSCI channels)
12	CNDREF	Cboe MSCI Emerging Markets Iron Condor Index (on CSMI Main & MSCI channels)
13	EFS	MXEF Option Settlement Value (on CSMI & MSCI channels)
14	MXEA	MSCI EAFE Index
15	MXEF	MSCI Emerging Markets Index
16	MXS	MXEA Option Settlement Value (on CSMI & MSCI channels)
17	PDEA	Cboe MSCI EAFE 20-Delta PutWrite Index (on CSMI & MSCI channels)
18	PDEF	Cboe MSCI Emerging Markets 20-Delta PutWrite Index (on CSMI & MSCI channels)
19	PPUTEA	Cboe MSCI EAFE 5% Put Protection Index (on CSMI Main & MSCI channels)
20	PPUTEF	Cboe MSCI Emerging Markets 5% Put Protection Index (on CSMI Main & MSCI channels)
21	PXEA	Cboe MSCI EAFE PutWrite Index (on CSMI & MSCI channels)
22	PXEF	Cboe MSCI Emerging Markets PutWrite Index (on CSMI & MSCI channels)
23	PYEA	Cboe MSCI EAFE 2% OTM PutWrite Index (on CSMI & MSCI channels)
24	PYEF	Cboe MSCI Emerging Markets 2% OTM PutWrite Index (on CSMI & MSCI channels)