

RBH/CPM Product Groups

		Market Move Percentages						
Product Group	Product Group Description	Product Group Offset %	CPM % Up	CPM % Down	RBH Firm % Up	RBH Firm % Down	RBH Market Maker % Up	RBH Market Maker % Down
2	BRITISH POUND	95	4.5	4.5	6.0	6.0	4.5	4.5
3	CANADIAN DOLLAR	95	4.5	4.5	6.0	6.0	4.5	4.5
6	JAPANESE YEN	95	4.5	4.5	6.0	6.0	4.5	4.5
7	SWISS FRANC	95	4.5	4.5	6.0	6.0	4.5	4.5
8	NASDAQ INDEXES	75	10.0	10.0	15.0	15.0	10.0	10.0
9	HIGH CAP BROAD-BASED INDEXES	90	6.0	8.0	10.0	10.0	6.0	8.0
10	HIGH CAP BROAD-BASED CLIMATE INDEXES	90	6.0	8.0	10.0	10.0	6.0	8.0
12	GOLD AND SILVER MINING INDEXES	90	15.0	15.0	15.0	15.0	15.0	15.0
13	US DOLLAR FUTURES INDEX	90	20.0	20.0	20.0	20.0	20.0	20.0
15	OIL AND GAS SERVICES	75	15.0	15.0	15.0	15.0	15.0	15.0
16	OIL AND GAS EXPLORATION	85	15.0	15.0	15.0	15.0	15.0	15.0
25	NYSE FANG INDEX	95	15.0	15.0	15.0	15.0	15.0	15.0
30	HOME BUILDER INDEXES	90	15.0	15.0	15.0	15.0	15.0	15.0
35	EURO	95	4.5	4.5	6.0	6.0	4.5	4.5
36	BIOTECH INDEXES	75	15.0	15.0	15.0	15.0	15.0	15.0
37	PHARMACEUTICAL INDEXES	70	15.0	15.0	15.0	15.0	15.0	15.0
42	EUROPEAN MARKET	90	6.0	8.0	10.0	10.0	6.0	8.0
45	SMALL CAP BROAD BASED INDEXES	75	10.0	10.0	15.0	15.0	10.0	10.0
47	MID CAP BROAD BASED INDEXES	75	10.0	10.0	15.0	15.0	10.0	10.0
52	HIGH-CAP GROWTH INDEXES	80	6.0	8.0	10.0	10.0	6.0	8.0
53	HIGH-CAP VALUE INDEXES	80	6.0	8.0	10.0	10.0	6.0	8.0
57	UTILITY INDEXES	90	15.0	15.0	15.0	15.0	15.0	15.0
59	JAPAN INDEXES	90	6.0	8.0	10.0	10.0	6.0	8.0
67	WORLD INDEXES	70	6.0	8.0	10.0	10.0	6.0	8.0
68	REAL ESTATE INVESTMENT TRUSTS	90	15.0	15.0	15.0	15.0	15.0	15.0
76	TECHNOLOGY SECTOR INDEXES	75	15.0	15.0	15.0	15.0	15.0	15.0
81	CHINA INDEXES	85	10.0	10.0	15.0	15.0	10.0	10.0
85	TRANSPORTATION INDEXES	70	15.0	15.0	15.0	15.0	15.0	15.0
90	CURRENCY HEDGED EAFE WORLD INDEXES	90	10.0	10.0	15.0	15.0	10.0	10.0
95	CURRENCY HEDGED EUROPE INDEXES	75	10.0	10.0	15.0	15.0	10.0	10.0
99	U.S. FINANCIAL SECTOR INDEXES	90	15.0	15.0	15.0	15.0	15.0	15.0
104	SEMICONDUCTOR INDEXES	80	15.0	15.0	15.0	15.0	15.0	15.0
110	AUSTRALIAN DOLLAR	95	20.0	20.0	20.0	20.0	20.0	20.0
134	BLOOMBERG BARCLAYS U.S. GOVERNMENT INFLATION-LINKE	95	7.0	7.0	7.0	7.0	7.0	7.0
135	S&P NATIONAL AMT-FREE MUNICIPAL BOND	85	7.0	7.0	7.0	7.0	7.0	7.0
137	LONG TERM TIPS INDEXES	95	7.0	7.0	7.0	7.0	7.0	7.0
138	BARCLAYS AMT-FREE INTERMEDIATE MUNICIPAL BOND INDX	95	7.0	7.0	7.0	7.0	7.0	7.0
140	BOFA ML LONG US TREAS PRINCIPAL STRIPS INDX	95	7.0	7.0	7.0	7.0	7.0	7.0
141	BARCLAYS 20-30 YR TREASURY STRIPS BOND INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
143	ICE BOFAML US TAXABLE MUNICIPAL SECURITIES PLUS IN	95	7.0	7.0	7.0	7.0	7.0	7.0
144	BLOOMBERG BARCLAYS 1-10 YEAR U.S. GOVERNMENT INFLA	95	7.0	7.0	7.0	7.0	7.0	7.0
146	MUNICIPAL BOND SHORT TERM INDEXES	95	7.0	7.0	7.0	7.0	7.0	7.0
147	3-10 YEAR US TREASURY INDEXES	90	7.0	7.0	7.0	7.0	7.0	7.0
148	U.S. TREASURY 10-20 YEAR BONDS	95	7.0	7.0	7.0	7.0	7.0	7.0

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149	U.S. TREASURY SHORT TERM BONDS	95	7.0	7.0	7.0	7.0	7.0	7.0
150	1-3 YEAR US TREASURY BOND INDEXES	90	3.0	3.0	3.0	3.0	3.0	3.0
151	TREASURY ISSUES 7-10 YEAR	95	4.5	4.5	4.5	4.5	4.5	4.5
152	US AGGREGATE BOND FUNDS	90	15.0	15.0	15.0	15.0	15.0	15.0
153	US TREAS INFLATION-PROTECTED 0-5 YEARS INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
154	20+ YEAR US TREASURY BOND INDEXES	90	6.0	6.0	6.0	6.0	6.0	6.0
155	JPMORGAN ULTRA-SHORT MUNICIPAL INCOME ETF	95	7.0	7.0	7.0	7.0	7.0	7.0
156	SPDR BARCLAYS CAPITAL MUNICIPAL BOND	95	7.0	7.0	7.0	7.0	7.0	7.0
157	WISDOMTREE FLOATING RATE TREASURY FUND	95	7.0	7.0	7.0	7.0	7.0	7.0
158	U.S BANKING INDEXES	90	15.0	15.0	15.0	15.0	15.0	15.0
159	S&P NEW YORK AMT-FREE MUNICIPAL BOND INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
160	MUNICIPAL CUSTOM HIGH YIELD COMPOSITE INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
161	U.S. TREASURY INFLATION PROTECTED SECTOR	90	7.0	7.0	7.0	7.0	7.0	7.0
162	BLOOMBERG BARCLAYS US TREASURY FLOATING RATE BOND	95	7.0	7.0	7.0	7.0	7.0	7.0
163	US CORPORATE INVESTMENT GRADE BOND INDEXES	95	15.0	15.0	15.0	15.0	15.0	15.0
164	BC 1-3 MNTH US TREAS BILL INDX	95	7.0	7.0	7.0	7.0	7.0	7.0
165	ISHARES CALIFORNIA MUNI BOND ETF	95	7.0	7.0	7.0	7.0	7.0	7.0
166	GOLDMAN SACHS ACCESS TREASURY 0-1 YEAR ETF	95	7.0	7.0	7.0	7.0	7.0	7.0
167	POWERSHARES 1-39 LADDERED TREASURY	95	7.0	7.0	7.0	7.0	7.0	7.0
168	NATIONAL INSURED MUNICIPAL BOND INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
169	INTERMEDIATE MUNICIPAL BOND INDEXES	95	7.0	7.0	7.0	7.0	7.0	7.0
170	NUVEEN NEW YORK QUALITY MUNICIPAL INCOME FUND	95	7.0	7.0	7.0	7.0	7.0	7.0
171	BOFA ML 15+ YR INLFATION-LINKED US TREAS INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
172	HIGH YIELD CORPORATE BOND INDEXES	80	15.0	15.0	15.0	15.0	15.0	15.0
173	BOFA ML 1-5 YR US INFLATION-LINKED TREAS INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
174	S&P MUNICIPAL YIELD INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
175	BARCLAYS MUNICIPAL 10 YEAR REVENUE INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
176	BOFA ML US INFLATION-LINKED TREAS INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
177	U.S. TREASURIES ALL MATURITIES	95	7.0	7.0	7.0	7.0	7.0	7.0
178	BARCLAYS 1 YEAR MUNICIPAL BOND INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
180	ICE BOFA 3 MONTH TBILL	95	7.0	7.0	7.0	7.0	7.0	7.0
181	INVESCO CALIFORNIA AMT-FREE MUNICIPAL BOND	95	7.0	7.0	7.0	7.0	7.0	7.0
182	ICE BOFA CURRENT 2 YEAR US TREASURY	95	7.0	7.0	7.0	7.0	7.0	7.0
183	ICE BOFA CURRENT 10 YEAR US TREASURY	95	7.0	7.0	7.0	7.0	7.0	7.0
184	0-3 MONTH T BOND	95	7.0	7.0	7.0	7.0	7.0	7.0
185	ICE LONG AMT FREE BROAD NATIONAL MUNICIPAL INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
186	BLOOMBERG 3 TO 12 MONTH US TREASURY BILL INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
187	ICE SHORT AMT-FREE BROAD NAT MUNI TRANSITION INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
188	IBOXX USD INVESTMENT GRADE CORPORATE BOND INDEX	80	15.0	15.0	15.0	15.0	15.0	15.0
190	FRANKLIN U.S. TREASURY BOND ETF	90	7.0	7.0	7.0	7.0	7.0	7.0
191	ICE BOFA US 1-YEAR TREASURY BILL INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
192	ICE U.S. TREASURY SHORT BOND INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
193	ICE BOFA CURRENT 3-YEAR US TREASURY INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
194	BLOOMBERG US TREASURY INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0

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195	ICE BOFA CURRENT 5-YEAR US TREASURY INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
196	ICE BOFA US 6-MONTH TREASURY BILL INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
197	ICE BOFA CURRENT 7-YEAR US TREASURY INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
198	BLOOMBERG US SHORT TREASURY INDEX	90	7.0	7.0	7.0	7.0	7.0	7.0
199	BLOOMBERG US TREASURY BILLS 0-3 MONTHS UNH USD	90	7.0	7.0	7.0	7.0	7.0	7.0
207	S&P EQUAL WEIGHT INDEX	95	6.0	8.0	10.0	10.0	6.0	8.0
208	FLEXSHARES IBOX 3-YEAR TARGET DURATION TIPS INDEX	95	7.0	7.0	7.0	7.0	7.0	7.0
232	NATURAL GAS FUTURES INDEXES	90	15.0	15.0	15.0	15.0	15.0	15.0
234	CRUDE OIL	90	15.0	15.0	15.0	15.0	15.0	15.0
236	SILVER	90	15.0	15.0	15.0	15.0	15.0	15.0
244	GOLD BULLION	90	15.0	15.0	15.0	15.0	15.0	15.0
265	S&P CALIFORNIA AMT-FREE MUNICIPAL BOND TOTAL RETUR	90	7.0	7.0	7.0	7.0	7.0	7.0
266	S&P INTERMEDIATE TERM NATIONAL AMT-FREE MUNICIPAL	90	7.0	7.0	7.0	7.0	7.0	7.0
267	S&P 0-7 YEAR NATIONAL AMT-FREE MUNICIPAL BOND INDE	90	7.0	7.0	7.0	7.0	7.0	7.0
300	PIMCO ULTRA SHORT GOVERNMENT ACTIVE ETF	95	7.0	7.0	7.0	7.0	7.0	7.0
302	ROUNDHILL WEEKLY T-BILL ETF	95	7.0	7.0	7.0	7.0	7.0	7.0
303	BLOOMBERG US TREASURY 6 MONTH TARGET DURATION UNH	95	7.0	7.0	7.0	7.0	7.0	7.0
304	BLOOMBERG US TREASURY 1 YEAR TARGET DURATION UNH U	95	7.0	7.0	7.0	7.0	7.0	7.0
305	BLOOMBERG US TREASURY 2 YEAR TARGET DURATION UNH U	95	7.0	7.0	7.0	7.0	7.0	7.0
306	BLOOMBERG US TREASURY 3 YEAR TARGET DURATION UNH U	95	7.0	7.0	7.0	7.0	7.0	7.0
307	BLOOMBERG US TREASURY 5 YEAR TARGET DURATION UNH U	95	7.0	7.0	7.0	7.0	7.0	7.0
308	BLOOMBERG US TREASURY 7 YEAR TARGET DURATION UNH U	95	7.0	7.0	7.0	7.0	7.0	7.0
309	BLOOMBERG US TREASURY 10 YEAR TARGET DURATION UNH	95	7.0	7.0	7.0	7.0	7.0	7.0
310	BLOOMBERG US TREASURY 20 YEAR TARGET DURATION UNH	95	7.0	7.0	7.0	7.0	7.0	7.0
402	NEW ZEALAND DOLLAR	95	20.0	20.0	20.0	20.0	20.0	20.0
500	S&P 500 VOLATILITY INDEX	90	20.0	20.0	15.0	15.0	15.0	15.0
522	MSCI EAFE INDEX	80	10.0	10.0	15.0	15.0	10.0	10.0
523	EMERGING MARKETS INDEXES	75	10.0	10.0	15.0	15.0	10.0	10.0
524	EMERGING MARKETS LATIN AMERICA	85	10.0	10.0	15.0	15.0	10.0	10.0
800	S&P 500 DEFINED OUTCOME ETFS	1	6.0	8.0	10.0	10.0	6.0	8.0
999	EQUITY PRODUCTS	0	15.0	15.0	15.0	15.0	15.0	15.0