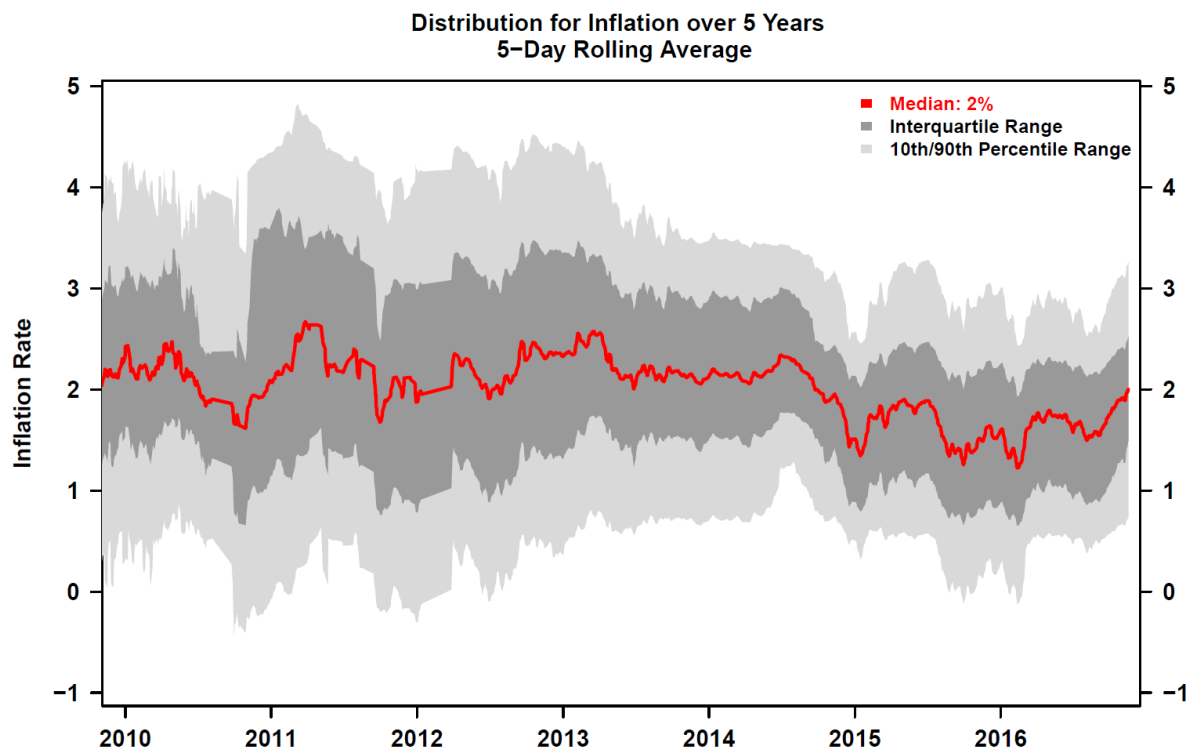


Minneapolis Options Report – Nov 18th

Changes in median inflation expectations were mixed; notably, the 5-year inflation tenor posted an increase of 12 basis points (bps). Treasuries experienced large price decreases, and LIBOR rates increased substantially. Both rate types experienced relatively large increases in MPD standard deviation measures. The S&P 500 returned 3.8% while both banking and insurance firms we follow outperformed the broader market, returning 13.5% and 11.3%, respectively. AMP, GS, USB and RF registered large increases in volume over the two week period. Metals declined by an average of -8%.

Inflation

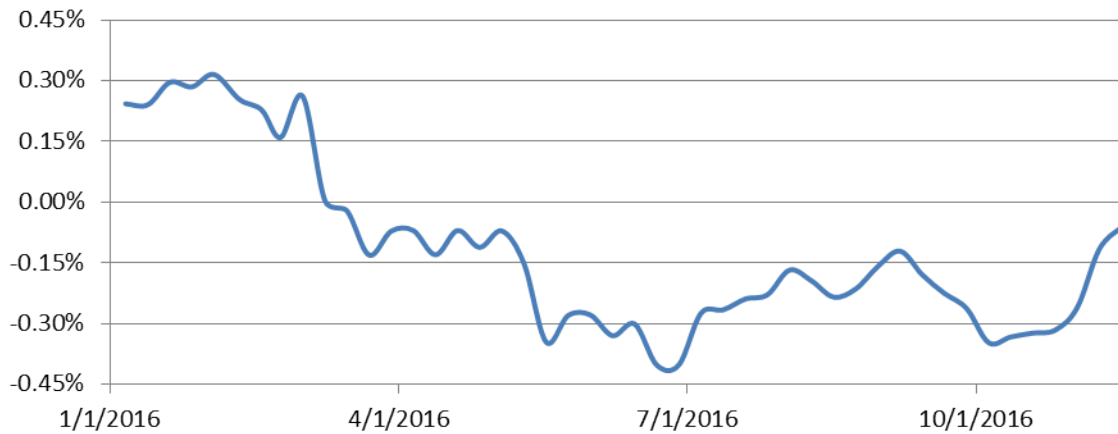
Market-based inflation expectations derived from caps and floors on the CPI for 1- and 5-year periods moved in opposite directions as the 1-year tenor fell by 7 bps and the 5-year tenor gained 12 bps. Median inflation expectations currently stand at 2.08% and 2.02% for the 1- and 5-year tenors, respectively. The increase registered by the 5-year tenor is shown for reference (see figure, below).



Additional detail:

- Median expectations for the 5-year tenor are at the highest level in a year. Notably the difference between 5- and 1-year median inflation expectations is at its closest level since March 2016 (see figure, below).

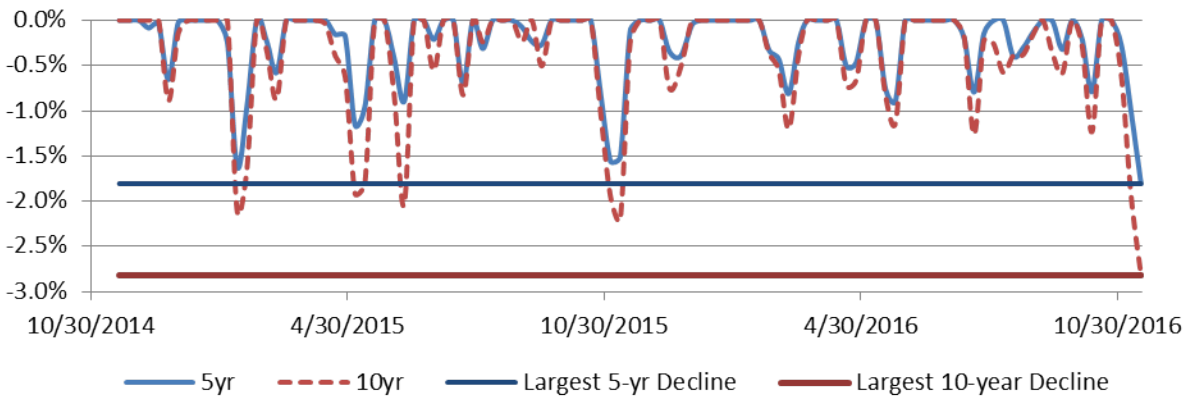
Difference between 5- and 1-year Median Inflation Expectations



Interest Rate

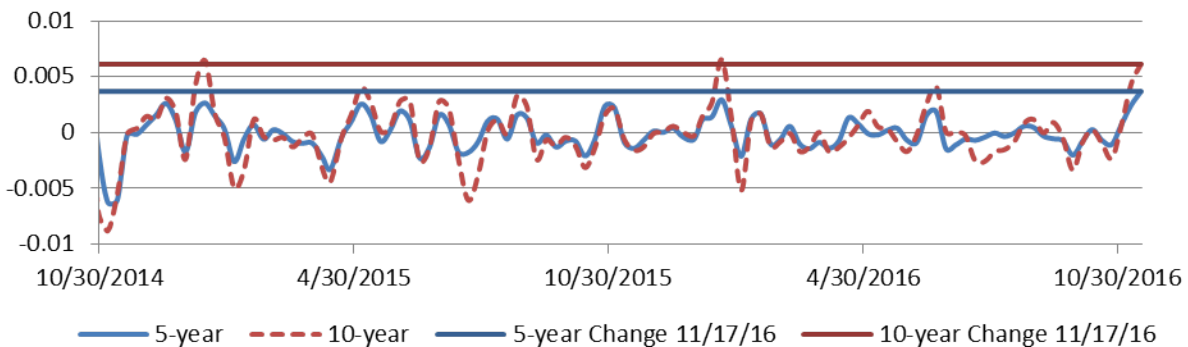
Treasuries posted their largest biweekly price decline in nearly two years with the 5- and 10-year falling by -1.8% and -2.8%, respectively (see chart, below).

Biweekly Treasury Price Declines



MPD standard deviation increased by an average 0.5 percentage points which represents the largest movement since the beginning of the year for the 10-year and the largest movement in two years for the 5-year (see plot below).

Biweekly Change in MPD Standard Deviation for Treasury Options



The increase suggests that investor uncertainty in treasury prices has risen. Both LIBOR tenors jumped, the 5-year increased by 30 bps and the 3-year rose by 58 bps. Like treasuries, both LIBOR rates experienced large increases in MPD standard deviation.

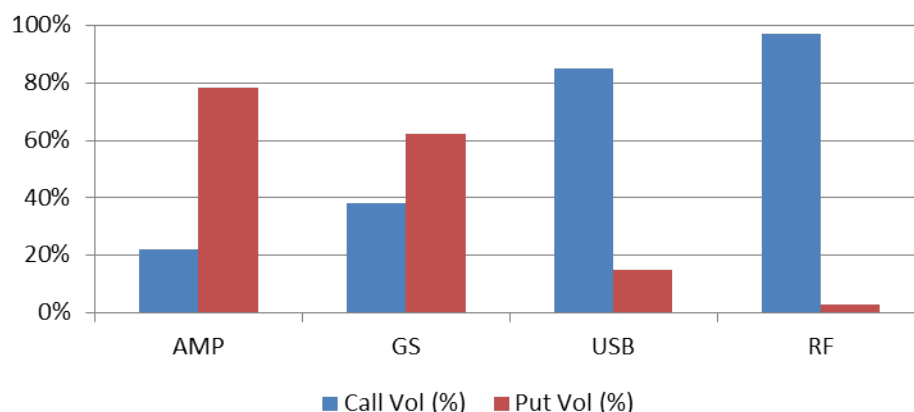
Banks and Insurance Companies

The S&P 500 rose by 3.8% over the past two weeks, with the 6- and 12-month tenors posting an average MPD standard deviation decrease of -0.58 percentage points. The 20 banking firms we follow rallied and posted a 13.5% return, outperforming the market. The 11 insurance companies we follow outperformed the broader market index as well, returning 11.3% on average.

Additional details:

- While the S&P 500 posted a decline in MPD standard deviation, the metric moved higher, on average, for the banks we follow.
- Four firms--AMP, GS, USB and RF--experienced near-record options volume over the two week period. AMP and GS had high put volumes whereas USB and RF had higher call volumes (see plot, below).

Call - Put Options Volume as Percent of Total Options Volume



Other Markets

- The iShares US Real Estate Index underperformed the market with flat returns.
- The dollar was stronger against the euro and the yen; the dollar's increase relative to the two currencies is the largest change in the last 12 months. MPD standard deviation rose for the USD-Euro pairing, and its current level exceeds the 75th percentile range for observations within the prior 48 months.
- Gold and silver fell by -6.6% and -9.5%. MPD skews declined for both metals. MPD skew currently signals neutral bias for silver, and bias towards future lower prices for gold.
- WTI crude gained 1.9% over the 2 week period. MPD standard deviation rose by 1.6 percentage points, signaling an increase in investor uncertainty.
- Agricultural crops posted mixed returns, with corn and wheat falling by -2.7% and -4.7%. While changes in MPD standard deviation were mixed for crops, the level for each crop type stands well below respective 48-month median values.
- Agricultural livestock jumped, with cattle and hogs posting respective returns of 2.4% and 13%. MPD standard deviation fell for both markets by an average -1.2 percentage points.

Inflation MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Inflation (1-Year Expiry)				
Median	2.08%	-0.073%		
MPD Std Dev	1.01%	0.0077%		
MPD Skew	-1.29	0.073		
Market Prob of Less Than 1% Inflation	16.1%	1.4%		
Market Prob of More Than 3% Inflation	15.78%	-1.9%		
Inflation (5-Year Expiry)				
Median	2.02%	0.12%		
MPD Std Dev	1.01%	0.0052%		
MPD Skew	-0.19	-0.051		
Market Prob of Less Than 1% Inflation	14.66%	-3.7%		
Market Prob of More Than 3% Inflation	15.21%	3.5%		


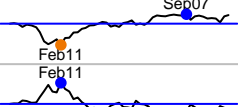

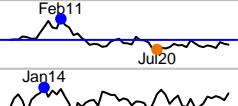

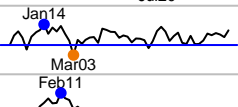

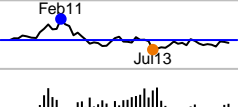



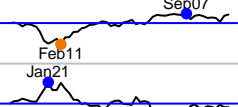

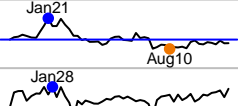

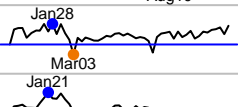




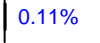
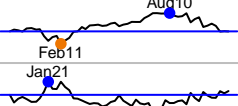

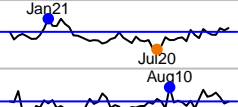

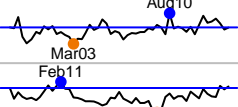


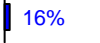

Medium-to-Long Bond Price MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
5 Year Treasury (3-Month Expiry)				
Spot	118.53	-1.8%	122.32 118.29	118.53 118.05 - 122.32 last 26 months
MPD Std Dev	1.77%	0.37%	1.96 1.3	1.77 1.3 - 2.3 last 26 months
MPD Skew	-0.45	-0.21	0.19 -0.49	-0.45 -0.54 - 0.36 last 26 months
Market Prob of -3% or More Decline	5.49%	3%	5.64 1.84	5.49 1.84 - 8.74 last 26 months
Volume	46163	2700%	335039 0	46163 1678 - 377550 last 26 months
10 Year Treasury (3-Month Expiry)				
Spot	125.82	-2.8%	133.67 125.77	125.82 122.97 - 133.67 last 37 months
MPD Std Dev	2.96%	0.61%	3.28 2.14	2.96 2.14 - 3.8 last 37 months
MPD Skew	-0.22	-0.19	0.21 -0.24	-0.22 -0.75 - 0.31 last 37 months
Market Prob of -5% or More Decline	5.15%	2.9%	5.72 1.54	5.15 1.54 - 8.48 last 37 months
Volume	126368	1100%	1143418 0	126368 5226 - 1185091 last 37 months

Short Interest Rates MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
3 Month LIBOR (3-Year Expiry)				
Median	1.57%	0.58%		
MPD Std Dev	1.19%	0.14%		
MPD Skew	1.02	0.026		
Market Prob of Less Than 0.5% LIBOR	17.49%	-6.7%		
Market Prob of More Than 1% + Spot	38.03%	16%		
3 Month LIBOR (5-Year Expiry)				
Median	1.55%	0.3%		
MPD Std Dev	2.07%	0.55%		
MPD Skew	2.42	1.2		
Market Prob of Less Than 1% LIBOR	34.22%	-7.2%		
Market Prob of More Than 2% + Spot	25.97%	15%		

Equity Index MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
S&P 500 (6-Month Expiry)				
Spot	2176.94	 3.8%	2186.16 1851.86 	1415.95 - - - - - 2176.94 last 48 months
MPD Std Dev	11.37%	 -0.55%	17 10.31 	8.87 - - - - - 17 last 48 months
MPD Skew	-1.36	 0.063	-1.27 -1.74 	-1.74 - - - - - -0.86 last 48 months
Market Prob of -20% or More Decline	6.45%	 -0.37%	12.52 4.74 	3.65 - - - - - 12.52 last 48 months
Volume	95642	 30%	203231 0 	13428 - - - - - 95642 last 48 months
S&P 500 (12-Month Expiry)				
Spot	2176.94	 3.8%	2186.16 1851.86 	1415.95 - - - - - 2176.94 last 48 months
MPD Std Dev	17.56%	 -0.61%	23.52 16.2 	10.5 - - - - - 23.52 last 48 months
MPD Skew	-1.36	 0.024	-1.33 -1.78 	-1.78 - - - - - -0.98 last 48 months
Market Prob of -20% or More Decline	12.64%	 -0.18%	17.37 9.5 	5.51 - - - - - 17.37 last 48 months
Volume	45315	 110%	105728 0 	4874 - - - - - 45315 last 48 months
iShares US Real Estate Index (3-Month Expiry)				
Spot	74.07	 0.11%	84.23 67.26 	61.63 - - - - - 74.07 last 48 months
MPD Std Dev	10.11%	 0.017%	11.7 6.52 	4.77 - - - - - 11.83 last 48 months
MPD Skew	-0.89	 -0.12	-0.47 -1.36 	-2.09 - - - - - -0.35 last 48 months
Market Prob of -10% or More Decline	16.91%	 -0.21%	18.66 7.17 	3.43 - - - - - 20.5 last 48 months
Volume	4396	 16%	98246 0 	32 - - - - - 4396 last 48 months

Exchange Rate MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Dollar-Euro Futures (3-Month Expiry)				
Spot	1.07	-3.6%		
MPD Std Dev	5.79%			
MPD Skew	-0.2	-0.35		
Market Prob of -10% or More Decline	4.53%			
Volume	82378			
Dollar-Pound Futures (3-Month Expiry)				
Spot	124.47			
MPD Std Dev	5.03%	-0.83%		
MPD Skew	-0.11			
Market Prob of -10% or More Decline	2.81%	-2%		
Volume	21494			
Dollar-Yen Futures (3-Month Expiry)				
Spot	91.7	-5.4%		
MPD Std Dev	6.33%	-0.18%		
MPD Skew	0.25	-0.16		
Market Prob of -10% or More Decline	4.93%	-0.14%		
Volume	42539			


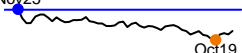
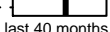

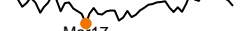
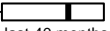




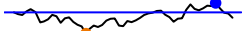
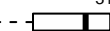


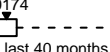


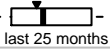

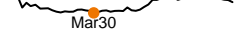
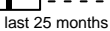


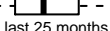

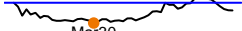
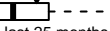


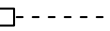
Metal and Energy Commodity MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Gold (6-Month Expiry)				
Spot	1229.06	-6.6%	1374.09 1054.83 	1054.83 - 1229.06 - 1731.6 last 48 months
MPD Std Dev	11.19%	-0.43%	14.59 10.41 	9.39 - 11.19 - 17.09 last 48 months
MPD Skew	-0.1	-0.49	0.39 -0.4 	-0.71 - -0.1 - 0.39 last 48 months
Market Prob of -20% or More Decline	4.44%	0.3%	8.69 2.99 	2.39 - 4.44 - 11.76 last 48 months
Volume	16441	54%	28912 0 	378 - 16441 - 41740 last 48 months
Silver (6-Month Expiry)				
Spot	17.08	-9.5%	20.58 13.82 	13.82 - 17.08 - 34.48 last 48 months
MPD Std Dev	18.54%	0.72%	21.99 17.33 	13.16 - 18.54 - 24.59 last 48 months
MPD Skew	0.07	-0.25	0.48 -0.4 	-0.63 - 0.07 - 0.48 last 48 months
Market Prob of -20% or More Decline	14.85%	1.1%	19.11 11.99 	6.54 - 14.85 - 20.85 last 48 months
Volume	996	390%	10785 0 	37 - 996 - 20231 last 48 months
West Texas Intermediate Crude (6-Month Expiry)				
Spot	48.56	1.9%	53.56 32.5 	32.5 - 48.56 - 102.41 last 48 months
MPD Std Dev	28.97%	1.6%	39.37 23.83 	10.25 - 28.97 - 39.37 last 48 months
MPD Skew	-0.48	0.014	-0.24 -0.6 	-0.81 - -0.48 - -0.1 last 48 months
Market Prob of -20% or More Decline	24.85%	1.8%	31.89 19.9 	3.65 - 24.85 - 31.89 last 48 months
Volume	2843	-65%	121098 0 	165 - 2843 - 132335 last 48 months

Agricultural Crop Commodity MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Corn (6-Month Expiry)				
Spot	353.24	-2.7%	439.62 315.44	353.24 315.44 - [] - 758 last 48 months
MPD Std Dev	13.91%	-0.95%	22.76 12.41	13.91 12.41 - [] - 22.76 last 48 months
MPD Skew	0.12	-0.015	0.7 0.09	0.12 -0.19 - [] - 0.7 last 48 months
Market Prob of -20% or More Decline	8.02%	-1.8%	21.96 4.96	8.02 4.96 - [] - 21.96 last 48 months
Volume	7128	76%	315800 0	7128 4050 - [] - 377209 last 48 months
Soybeans (6-Month Expiry)				
Spot	1001.74	0.19%	1159.12 866.14	1001.74 864.89 - [] - 1456.5 last 48 months
MPD Std Dev	12.73%	0.32%	23.86 10.21	12.73 10.21 - [] - 23.86 last 48 months
MPD Skew	0.15	0.019	0.89 -0.16	0.15 -0.5 - [] - 0.89 last 48 months
Market Prob of -20% or More Decline	6.11%	0.29%	17.39 2.96	6.11 2.96 - [] - 17.39 last 48 months
Volume	4439	17%	80482 0	4439 294 - [] - 240059 last 48 months
Wheat (6-Month Expiry)				
Spot	427.5	-4.7%	548.3 388.16	427.5 388.16 - [] - 893 last 48 months
MPD Std Dev	15.55%	0.18%	21.98 15.14	15.55 12.95 - [] - 22.31 last 48 months
MPD Skew	0.56	-0.0059	0.74 0.29	0.56 0.01 - [] - 0.74 last 48 months
Market Prob of -20% or More Decline	9.85%	0.047%	20.35 9.03	9.85 5.67 - [] - 20.71 last 48 months
Volume	889	300%	83594 0	889 179 - [] - 83594 last 48 months

Agricultural Livestock Commodity MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Cattle (6-Month Expiry)				
Spot	108.62	 2.4%	133.92 98.31 	108.62 98.31 --- 170.32  last 40 months
MPD Std Dev	12.97%	 -1.4%	15.35 9.55 	12.97 3.6 --- 15.35  last 40 months
MPD Skew	-0.51	 -0.064	-0.12 -0.9 	-0.51 -0.94 --- -0.12  last 40 months
Market Prob of -5% or More Decline	31.75%	 -2.4%	38.78 24.21 	31.75 8.46 --- 38.78  last 40 months
Volume	10174	 28%	18901 0 	10174 1263 --- 33850  last 40 months
Hogs (6-Month Expiry)				
Spot	69.01	 13%	81.22 51.28 	69.01 51.28 --- 94.48  last 25 months
MPD Std Dev	16.94%	 -0.91%	24.26 13 	16.94 13 --- 24.26  last 25 months
MPD Skew	-0.99	 -0.088	-0.19 -0.99 	-0.99 -0.99 --- 0.17  last 25 months
Market Prob of -20% or More Decline	13.26%	 -0.67%	21.98 7.18 	13.26 7.18 --- 21.98  last 25 months
Volume	71	 -99%	10974 0 	71 53 --- 16073  last 25 months

Bank MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend		Long-Term Range
with min/max points					
with median, IQR, and max/min					
MPD Standard Deviation (3-Month Expiry)					
American Express	10.78%	-0.16%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Bank of America	14.94%	0.97%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
BB&T	11.69%	1.4%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Barclays	15.95%	-2.3%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Bank of NY Mellon	12.08%	-0.15%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Citigroup	14.38%	0.65%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Capital One	14.14%	0.67%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Credit Suisse	16.88%	0.89%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Deutsche Bank	23.31%	-2.6%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Fifth Third	13.94%	0.063%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Goldman Sachs	13.28%	1.2%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
JP Morgan	12.42%	1.5%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Keycorp	14.92%	0.38%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Morgan Stanley	14.9%	0.082%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
PNC Financial	11.98%	0.88%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Regions Financial	17.1%	2.5%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
SunTrust	13.54%	0.84%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
State Street	13.11%	-0.27%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
UBS	13.36%		<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
US Bancorp	10.01%	-0.051%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Wells Fargo	12.42%	1.6%	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>

Bank MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
MPD Skew (3-Month Expiry)				
American Express	-0.66	0.0057		
Bank of America	-0.5	0.24		
BB&T	-1.49	-0.23		
Barclays	0.02	0.7		
Bank of NY Mellon	-0.85	0.16		
Citigroup	-0.82	0.12		
Capital One	-0.81	0.095		
Credit Suisse	-0.08	0.018		
Deutsche Bank	-0.6	0.52		
Fifth Third	-0.76	0.075		
Goldman Sachs	-0.45	0.29		
JP Morgan	-0.77	0.36		
Keycorp	-0.74	0.39		
Morgan Stanley	-0.53	0.16		
PNC Financial	-1.04	-0.13		
Regions Financial	-0.42	0.076		
SunTrust	-0.76	0.21		
State Street	-0.93	0.088		
UBS	-0.04			
US Bancorp	-0.94	0.0059		
Wells Fargo	-0.5	0.028		

Bank MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Market Probability of -20% or More Decline (3-Month Expiry)				
American Express	4.34%	-0.26%		
Bank of America	9.67%	0.74%		
BB&T	5.82%	2.2%		
Barclays	11.21%	-2.3%		
Bank of NY Mellon	6.3%	-0.65%		
Citigroup	8.99%	0.24%		
Capital One	9.45%	0.48%		
Credit Suisse	12.64%	1.4%		
Deutsche Bank	15.74%	0.085%		
Fifth Third	7.99%	-1.3%		
Goldman Sachs	6.69%	0.78%		
JP Morgan	6.72%	1.4%		
Keycorp	9.55%	0.24%		
Morgan Stanley	8.31%	-0.95%		
PNC Financial	6.55%	0.82%		
Regions Financial	12.5%	1.9%		
SunTrust	7.63%	0.64%		
State Street	6.81%	-1.1%		
UBS	7.28%			
US Bancorp	4.39%	-0.2%		
Wells Fargo	5.44%	0.97%		


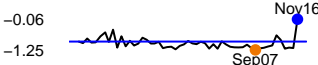
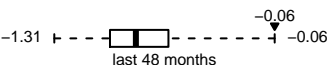

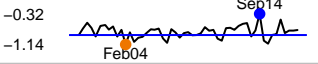
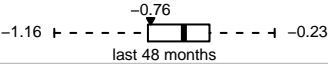


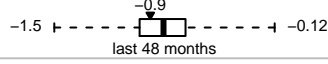


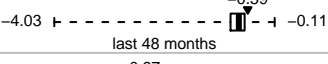

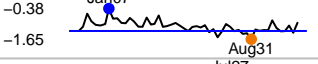
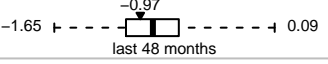

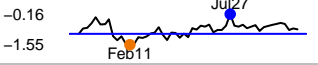
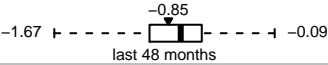

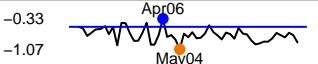
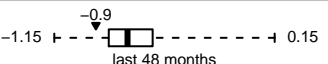


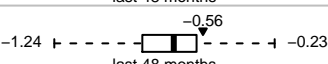


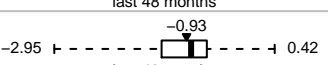

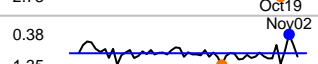
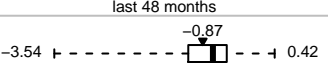


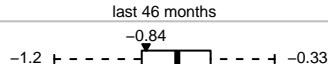
Bank MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Volume (3-Month Expiry)				
American Express	4936	24%	15162 0	532 4936 32713 last 48 months
Bank of America	118155	760%	187673 0	7419 118155 195347 last 48 months
BB&T	1554	88%	5986 0	126 1554 6490 last 48 months
Barclays	1510	490%	18909 0	8 1510 18909 last 48 months
Bank of NY Mellon	1085	-16%	33235 0	44 1085 33235 last 48 months
Citigroup	29109	510%	90561 0	1810 29109 140439 last 48 months
Capital One	2530	62%	9096 0	136 2530 16299 last 48 months
Credit Suisse	4957	370%	31577 0	1 4957 31577 last 48 months
Deutsche Bank	13605	17%	99132 0	76 13605 99132 last 42 months
Fifth Third	876	-53%	6123 0	24 876 19127 last 48 months
Goldman Sachs	40920	300%	40920 0	612 40920 40920 last 48 months
JP Morgan	25108	2200%	55464 0	951 25108 132116 last 48 months
Keycorp	3758	100%	5129 0	44 3758 27404 last 48 months
Morgan Stanley	27449	96%	27449 0	327 27449 69872 last 48 months
PNC Financial	2481	380%	4932 0	42 2481 4932 last 48 months
Regions Financial	47587	3400%	47587 0	20 47587 47940 last 47 months
SunTrust	4257	76%	11023 0	61 4257 13788 last 48 months
State Street	323	-41%	2700 0	19 323 5339 last 48 months
UBS	124		2034 0	23 124 2766 last 26 months
US Bancorp	33496	1200%	33496 0	52 33496 33496 last 48 months
Wells Fargo	11596	-68%	80746 0	950 11596 121351 last 48 months


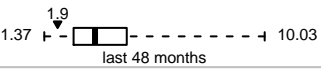


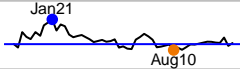
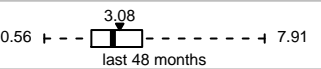
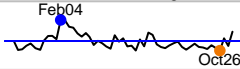
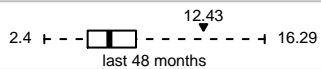
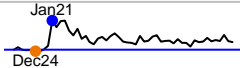
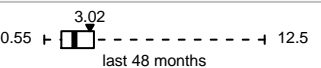

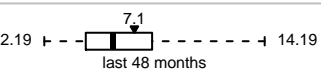

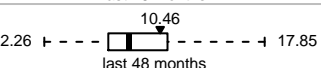

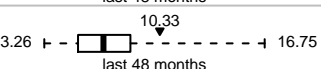

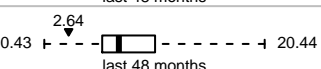
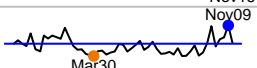
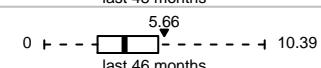


Insurance Company MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
MPD Standard Deviation (3-Month Expiry)				
Aflac	9.06%	-0.9%		
AIG	9.92%	-2.2%		
Allstate	9.08%	-0.77%		
Ameriprise	15.62%	1.6%		
Chubb	8.86%	-0.9%		
Hartford Financial	11.87%	0.056%		
Lincoln National	15.74%	-0.38%		
Met Life	14.68%	0.32%		
Principal Financial	8.97%	-3.6%		
Progressive	11.04%	-2%		
Prudential	13.89%	0.63%		

Insurance Company MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
MPD Skew (3-Month Expiry)				
Aflac	-0.06	 1.1		
AIG	-0.76	 0.015		
Allstate	-0.9	 0.18		
Ameriprise	-0.59	 -0.038		
Chubb	-0.97	 0.11		
Hartford Financial	-0.85	 0.029		
Lincoln National	-0.9	 -0.23		
Met Life	-0.56	 0.36		
Principal Financial	-0.93	 -0.15		
Progressive	-0.87	 -1.2		
Prudential	-0.84	 0.22		

Insurance Company MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Market Probability of -20% or More Decline (3-Month Expiry)				
Aflac	1.9%	-2.4%		
AIG	3.29%	-2.5%		
Allstate	3.08%	-1.1%		
Ameriprise	12.43%	2.2%		
Chubb	3.02%	-1.5%		
Hartford Financial	7.1%	0.66%		
Lincoln National	10.46%	-1.3%		
Met Life	10.33%	-0.14%		
Principal Financial	2.64%	-4%		
Progressive	5.66%	-1.4%		
Prudential	9.46%	1.5%		

Insurance Company MPD Statistics as of November 16, 2016

Indicator	Latest	2-Week Change	1-Year Trend with min/max points	Long-Term Range with median, IQR, and max/min
Volume (3-Month Expiry)				
Aflac	766	-39%	<div> <div>11177</div> <div>0</div> </div>	<div> <div>766</div> <div>68</div> <div>22718</div> </div>
AIG	11127	170%	<div> <div>44233</div> <div>0</div> </div>	<div> <div>11127</div> <div>110</div> <div>103998</div> </div>
Allstate	3608	95%	<div> <div>3608</div> <div>0</div> </div>	<div> <div>3608</div> <div>63</div> <div>5933</div> </div>
Ameriprise	1973	2000%	<div> <div>1973</div> <div>0</div> </div>	<div> <div>1973</div> <div>5</div> <div>1973</div> </div>
Chubb	504	60%	<div> <div>6138</div> <div>0</div> </div>	<div> <div>504</div> <div>3</div> <div>9027</div> </div>
Hartford Financial	577	-59%	<div> <div>2769</div> <div>0</div> </div>	<div> <div>577</div> <div>16</div> <div>14934</div> </div>
Lincoln National	1770	110%	<div> <div>4145</div> <div>0</div> </div>	<div> <div>1770</div> <div>51</div> <div>8403</div> </div>
Met Life	16645	180%	<div> <div>22250</div> <div>0</div> </div>	<div> <div>16645</div> <div>319</div> <div>74100</div> </div>
Principal Financial	890	81%	<div> <div>1102</div> <div>0</div> </div>	<div> <div>890</div> <div>2</div> <div>2956</div> </div>
Progressive	42	500%	<div> <div>1798</div> <div>0</div> </div>	<div> <div>42</div> <div>0</div> <div>3415</div> </div>
Prudential	1400	280%	<div> <div>14512</div> <div>0</div> </div>	<div> <div>1400</div> <div>222</div> <div>17185</div> </div>