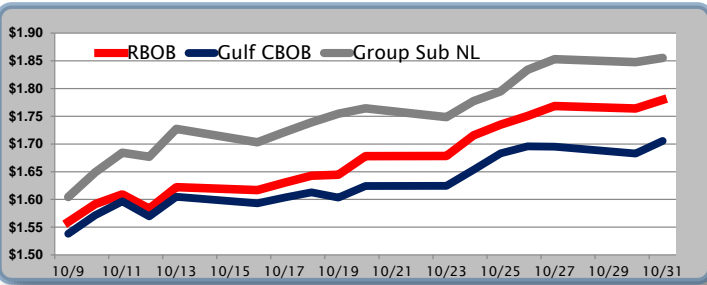


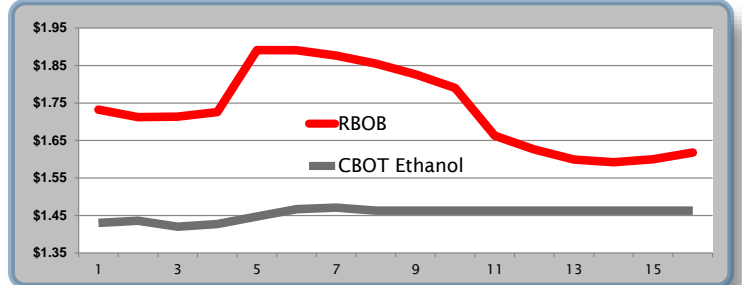
Gasoline

	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	Gulf Basis	Group Basis	RBOB Technicals
11/1	\$1.7568	-\$0.0228	\$1.6827	-\$0.0228	\$1.8314	-\$0.0238	\$ (0.0746)	\$ 0.0743	Indicator Direction
10/31	\$1.7796	\$0.0155	\$1.7055	\$0.0226	\$1.8552	\$0.0076	\$ (0.0741)	\$ 0.0756	MACD Bullish
10/30	\$1.7641	-\$0.0045	\$1.6829	-\$0.0122	\$1.8476	-\$0.0053	\$ (0.0812)	\$ 0.0835	Stochastics Overbought
10/27	\$1.7686	\$0.0180	\$1.6951	-\$0.0006	\$1.8529	\$0.0192	\$ (0.0735)	\$ 0.0843	RSI Bullish
10/26	\$1.7506	\$0.0158	\$1.6957	\$0.0126	\$1.8338	\$0.0389	\$ (0.0549)	\$ 0.0832	ADX Bullish
10/25	\$1.7348	\$0.0193	\$1.6831	\$0.0297	\$1.7949	\$0.0177	\$ (0.0517)	\$ 0.0601	Momentum Bullish
10/24	\$1.7155	\$0.0372	\$1.6534	\$0.0290	\$1.7772	\$0.0288	\$ (0.0621)	\$ 0.0617	Bias: Neutral
10/23	\$1.6783	\$0.0002	\$1.6245	\$0.0001	\$1.7484	-\$0.0159	\$ (0.0539)	\$ 0.0701	Resistance

Gasoline History



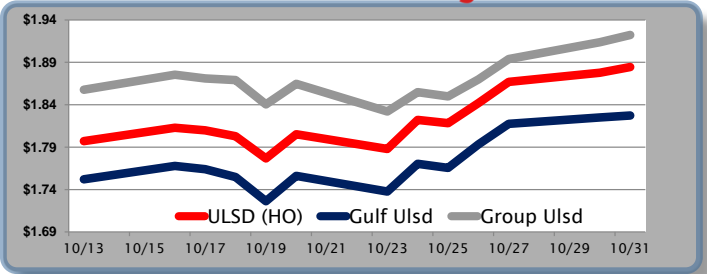
Gasoline Futures Fwd Curve



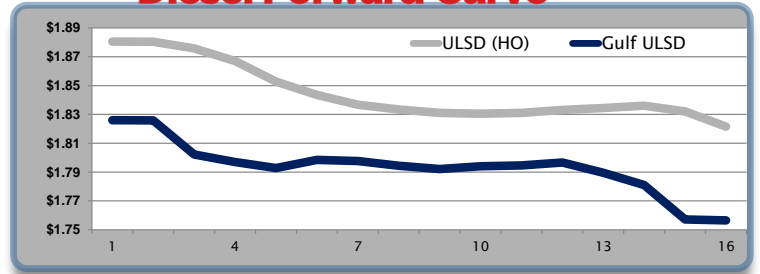
Diesel

	ULSD (HO)	Change	Gulf Ulstd	Change	Group Ulstd	Change	Gulf Basis	Group Basis	HO Technicals
11/1	\$1.8990	\$0.0145	\$1.8418	\$0.0145	\$1.9358	\$0.0135	\$ (0.0677)	\$ 0.0366	Indicator Direction
10/31	\$1.8845	\$0.0068	\$1.8273	-\$0.0076	\$1.9223	\$0.0086	\$ (0.0672)	\$ 0.0378	MACD Neutral
10/30	\$1.8777	\$0.0108	\$1.8250	\$0.0075	\$1.9137	\$0.0198	\$ (0.0528)	\$ 0.0360	Stochastics Bullish
10/27	\$1.8669	\$0.0250	\$1.8175	\$0.0242	\$1.8939	\$0.0240	\$ (0.0495)	\$ 0.0270	RSI Neutral
10/26	\$1.8419	\$0.0237	\$1.7933	\$0.0278	\$1.8699	\$0.0200	\$ (0.0486)	\$ 0.0280	ADX Neutral
10/25	\$1.8182	-\$0.0039	\$1.7655	-\$0.0049	\$1.8499	-\$0.0050	\$ (0.0527)	\$ 0.0317	Momentum Neutral
10/24	\$1.8221	\$0.0343	\$1.7704	\$0.0328	\$1.8549	\$0.0229	\$ (0.0517)	\$ 0.0328	Bias: Neutral
10/23	\$1.7878	-\$0.0174	\$1.7376	-\$0.0186	\$1.8321	-\$0.0326			Resistance

Diesel History



Diesel Forward Curve



Crude

	WTI	Change	Brent	Change	Gulf Gas	Vs WTI	3/2/1	5/3/2	Gulf Gas	Vs Brent	3/2/1	5/3/2	Group / WCS
11/1	\$54.91	\$0.53	\$61.45	\$0.08	\$17.25	\$22.37	\$18.96	\$19.30	\$10.26	\$15.38	\$11.97	\$12.31	31.06
10/31	\$54.38	\$0.23	\$61.37	\$0.47	\$16.53	\$22.50	\$18.52	\$18.92	\$9.78	\$15.75	\$11.77	\$12.17	30.72
10/30	\$54.15	\$0.25	\$60.90	\$0.46	\$17.29	\$22.43	\$19.01	\$19.35	\$10.75	\$15.89	\$12.47	\$12.81	30.86
10/27	\$53.90	\$1.26	\$60.44	\$1.14	\$18.58	\$22.68	\$19.95	\$20.22	\$11.92	\$16.02	\$13.29	\$13.56	31.73
10/26	\$52.64	\$0.46	\$59.30	\$0.86									
CPL Linespace	Line 1	Change	Line 2	Change									
	-0.0015	\$0.0018	\$0.0047	\$0.0000									

Refinery Margins

Economic Indicators

Commodity Futures

	Settle	Change		Settle	Change
S&P 500	2,573	4.50	Ethanol	1.430	-0.007
DJIA	23,377	28.50	NatGas	2.896	-0.070
Nasdaq	6,249	-0.16	Gold	1270.5	5.8
Russell 2000	1,491	11.97	Silver	16.65	-0.16
EUR/USD	1.1660	-0.0036	Copper	3.09	0.000
USD Index	94.43	0.23	FCOJ	156.25	
US 10 Year Treasury	124.94	-0.13	Corn	345.75	1.00
Oil Volatility Index	25.33	-0.02	Soy	973.75	1.25
S&P Volatility Index (VIX)	10.50	-0.32	Wheat	418.50	-1.50
Nikkei 225 Index	22,225	370.00	Ethanol RINS	0.9510	-0.005
German DAX Index	13,222	0.00	Butane	1.054	0.000
			Propane	0.938	0.000

Diesel Forward Curve

Indicative forward prices for ULSD at Gulf Coast area terminals. Prices are estimates only.

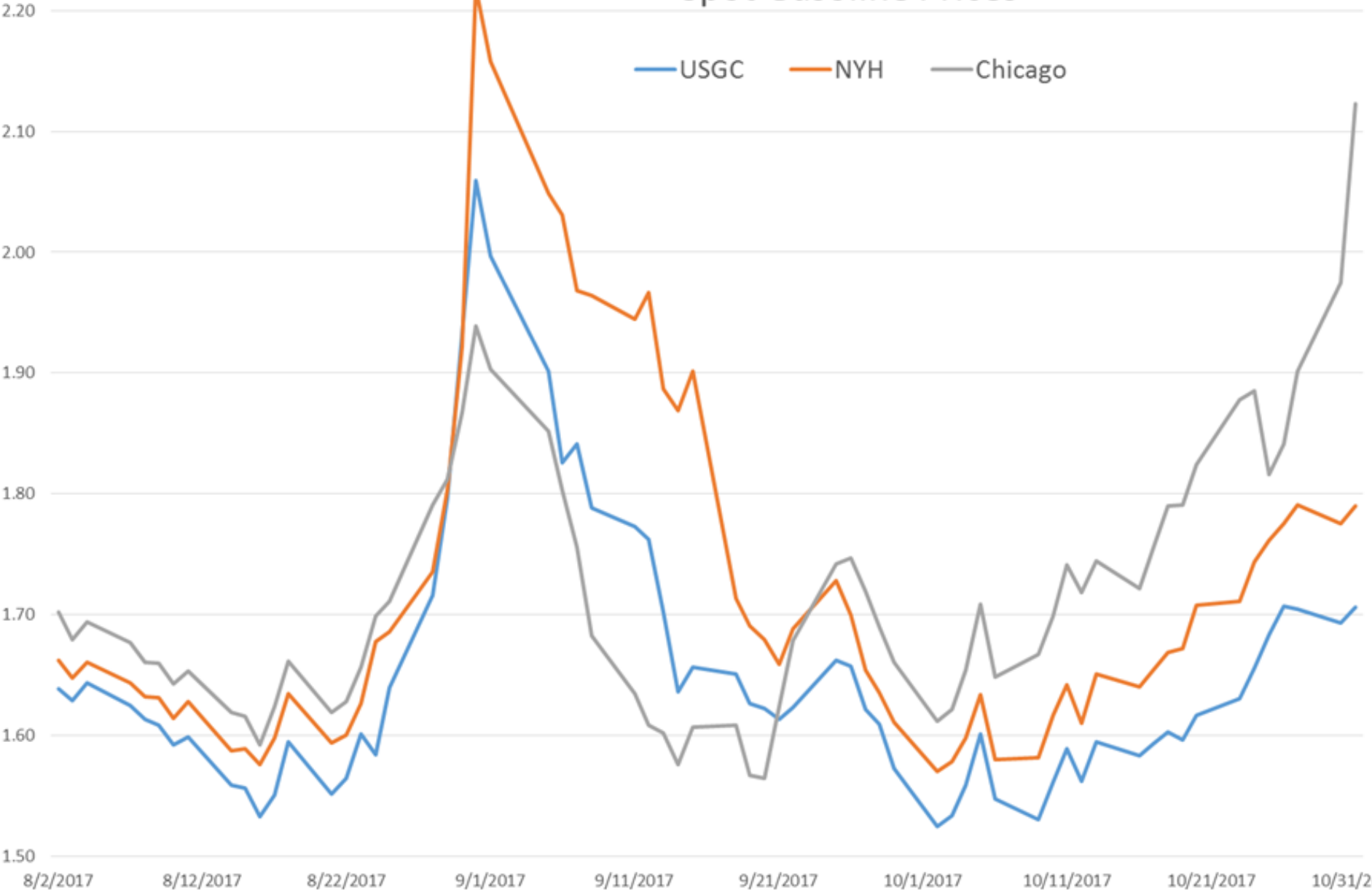
Del. Month	Price	Differential	3 Mo. Avg	6 Mo. Avg
Nov-17	\$1.8259	-\$0.0540		
Dec-17	\$1.8022	-\$0.0730		
Jan-18	\$1.7970	-\$0.0695	\$1.8084	
Feb-18	\$1.7928	-\$0.0595		
Mar-18	\$1.7985	-\$0.0445		
Apr-18	\$1.7977	-\$0.0385	\$1.7963	\$1.8024
May-18	\$1.7944	-\$0.0385		
Jun-18	\$1.7921	-\$0.0385		
Jul-18	\$1.7940	-\$0.0360	\$1.7935	
Aug-18	\$1.7946	-\$0.0360		
Sep-18	\$1.7966	-\$0.0360		
Oct-18	\$1.7895	-\$0.0445	\$1.7936	\$1.7935
12 Month Avg	\$1.7979	-\$0.0474		

*SOURCES: Nymex, CBOT, NYSE, ICE, NASDAQ, CME Group, CBOE. Prices delayed.

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Spot Gasoline Prices

USGC NYH Chicago





Target Rate

- 1 Nov17
- 13 Dec17
- 31 Jan18
- 21 Mar18
- 2 May18
- 13 Jun18
- 1 Aug18
- 26 Sep18

Current

Compare

Probabilities

Historical

Historical

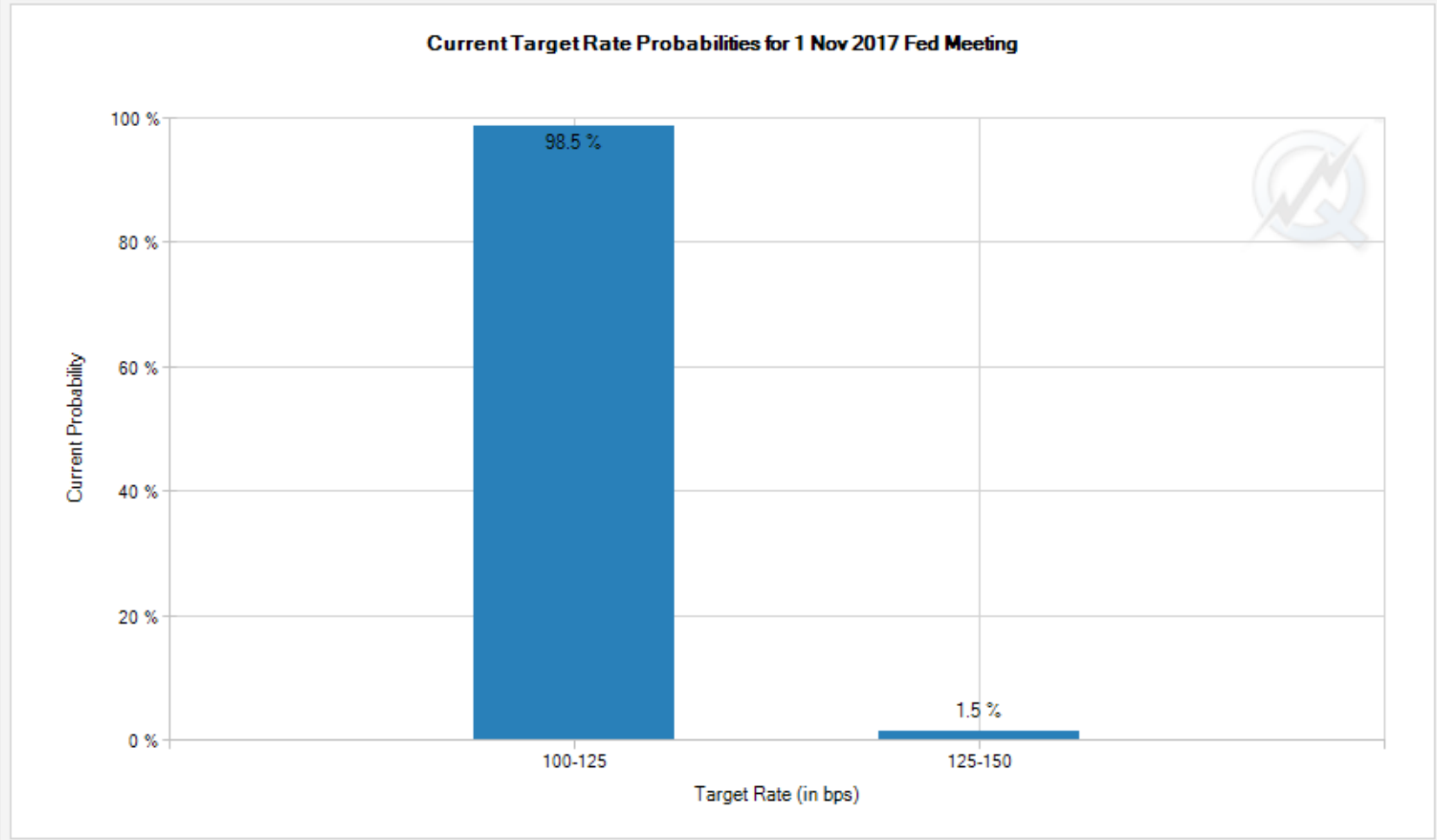
Downloads

Dot Plot

Chart

Table

MEETING DATE	CONTRACT	EXPIRES	MID PRICE	PRIOR VOLUME	PRIOR OI
1 Nov 2017	FFX7	30 Nov 2017	98.8413	9,166	214,394



TARGET RATE (BPS)	PROBABILITY(%)			
	CURRENT *	1 DAY 31 OCT 2017	1 WEEK 25 OCT 2017	1 MONTH 29 SEP 2017
100-125	98.5%	99.0%	98.0%	98.0%
125-150	1.5%	1.0%	2.0%	2.0%



Target Rate

1 Nov17 **13 Dec17** 31 Jan18 21 Mar18 2 May18 13 Jun18 1 Aug18 26 Sep18

Current

Compare

Probabilities

Historical

Historical

Downloads

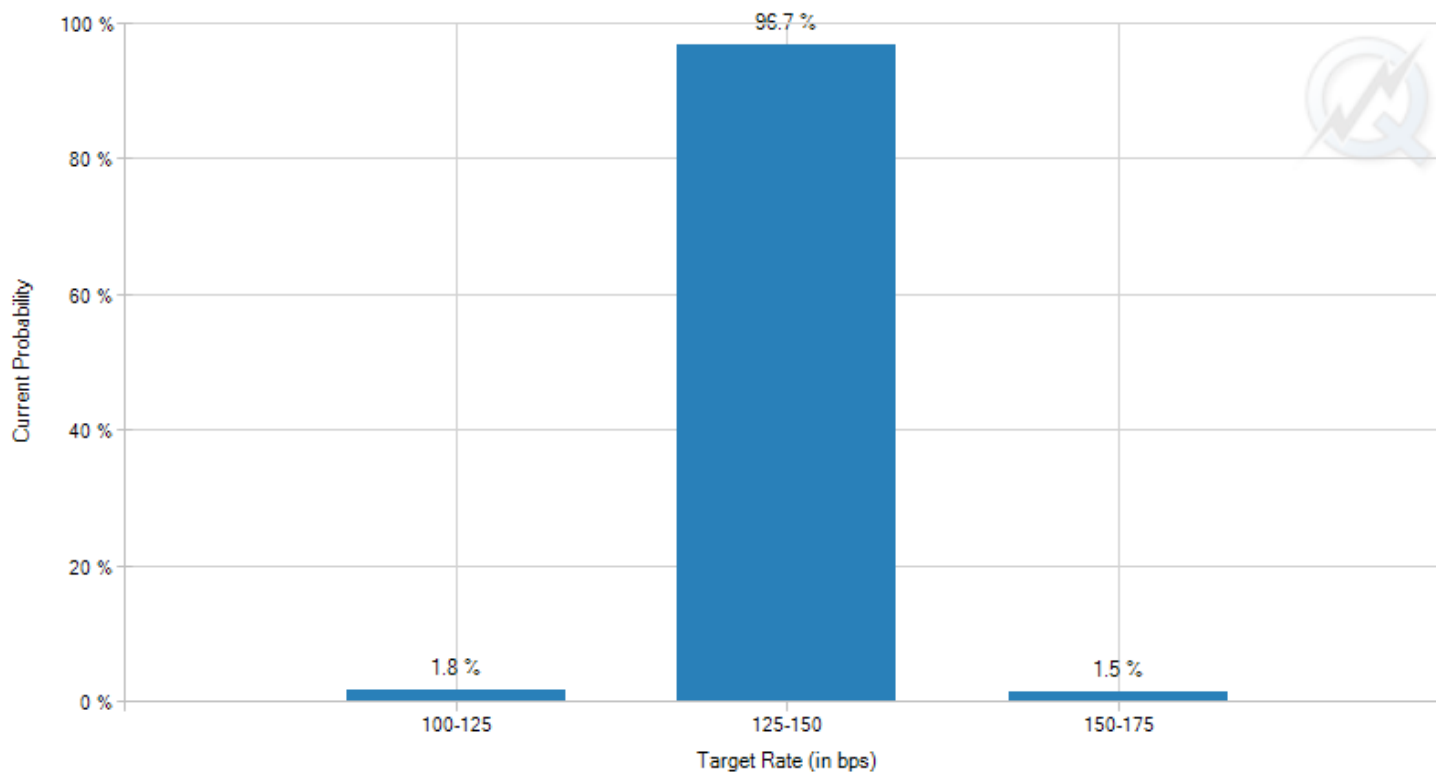
Dot Plot

Chart

Table

MEETING DATE	CONTRACT	EXPIRES	MID PRICE	PRIOR VOLUME	PRIOR OI
13 Dec 2017	FFZ7	29 Dec 2017	98.7225	3,988	111,857

Current Target Rate Probabilities for 13 Dec 2017 Fed Meeting



TARGET RATE (BPS)	PROBABILITY(%)			
	CURRENT *	1 DAY 31 OCT 2017	1 WEEK 25 OCT 2017	1 MONTH 29 SEP 2017
100-125	1.8%	1.8%	6.9%	27.1%
125-150	96.7%	97.2%	91.3%	71.4%
150-175	1.5%	1.0%	1.9%	1.4%

* Current data as of 1 Nov 2017 07:39:16 CT