



The Morning Email: Treasuries

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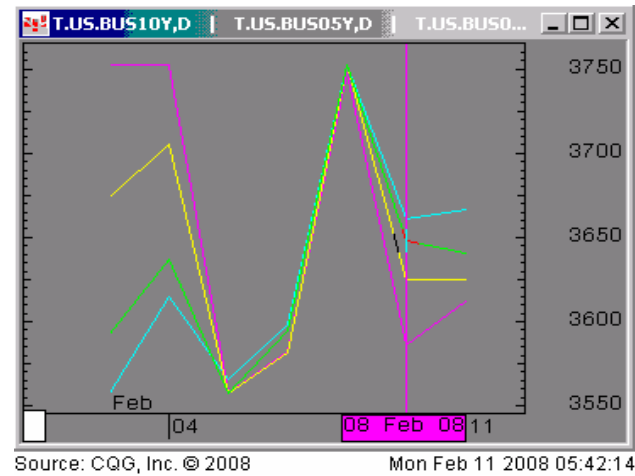
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Daily Yield Curve



30y 10y 5y 2y

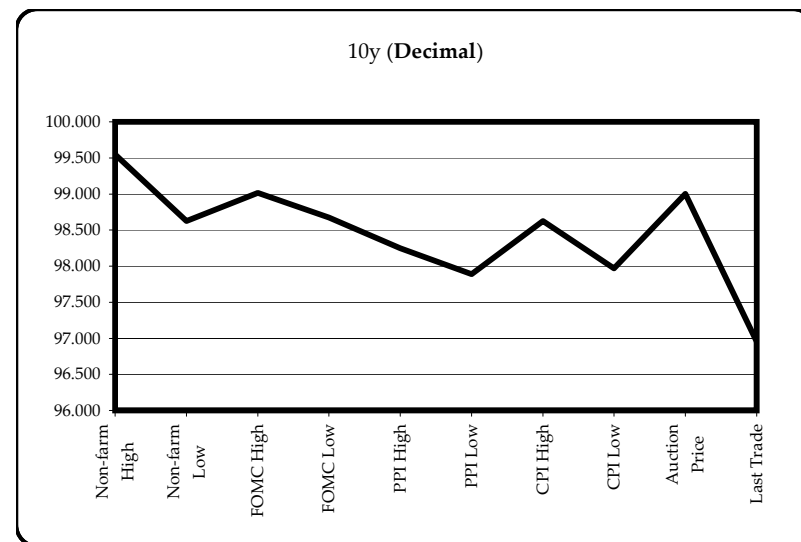
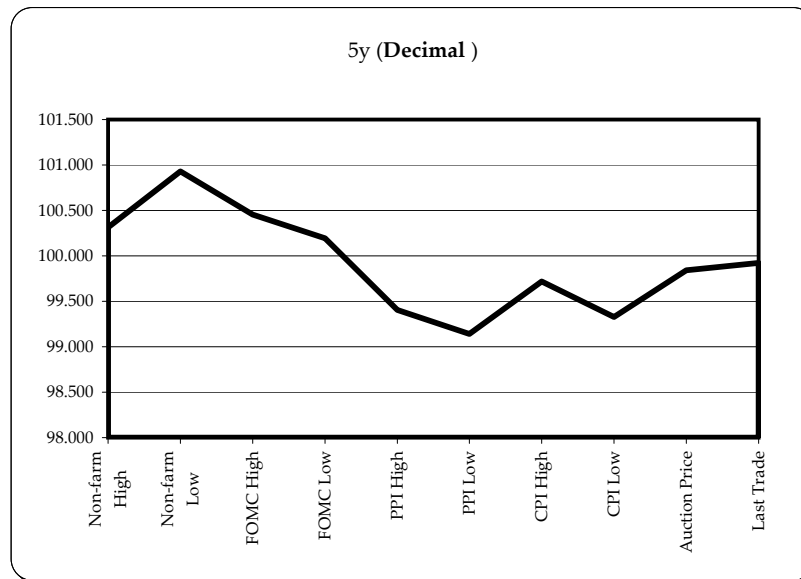


Want something added? Let me know: jgoulding@ghco.com

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Economic Releases - 32nds					
	5y	10y	ZNH8	ZBH8	Date
Non-farm High	100.1000	99.175	116.225	120.09	2/1/2008
Non-farm Low	100.2975	98.200	117.185	119.03	2/1/2008
FOMC High	100.1450	99.005	117.000	119.27	1/31/2008
FOMC Low	100.0625	98.215	116.210	119.08	1/31/2008
PPI High	99.1300	98.080	116.030	119.17	1/15/2008
PPI Low	99.0450	97.285	115.235	119.02	1/15/2008
CPI High	99.2300	98.200	116.140	119.31	1/16/2008
CPI Low	99.1050	97.310	115.275	119.03	1/16/2008
Auction Price	99.2697	99.000			
Last Trade	99.2950	96.305	115.215	115.30	2/20/2008 5:53

Auctions - 32nds				
	2 y	5y	10y	30y
Auction Price	99.250	99.270	99.000	98.250
Auction Yield Stop	2.237	2.909	3.620	4.4449
Actual Auction Date	1/28/2008	1/29/2008	2/6/2008	2/7/2008



Notes: Cash and futures are adjusted for roll.
 Release times are from release to 2pm cdt
 {Dec07 to Mch08 Futures roll: ZF = (-12); ZN = (-25); ZB = (+1) [tics]}
 r = reopen

	Last	Net	32 nds			Volume	SYM NAME
			High	Low	Open		
TUAH8	106.282	0.0	106.312	106.252	106.262	57,924	2y Fut
FVAH8	112.255	0.0	112.305	112.180	112.205	84,800	5y Fut
TYAH8	115.215	0.0	115.275	115.115	115.150	233,888	10y Fut
USAH8	115.300	(0)	116.070	115.200	115.270	47,379	30y Fut
	Last	Net	High	Low	Open	Volume	SYM NAME
BUS02P	100.062	3.2	100.087	100.032	100.045	na	2y Cash
BUS05P	99.290	8.2	100.020	99.212	99.232	na	5y Cash
BUS10P	96.305	7.5	97.045	96.220	96.255	na	10y Cash
BUS30P	95.175	9	95.245	95.085	95.140	na	30y Cash
	Last	Net	High	Low	Open	Volume	SYM NAME
BUS02Y	2.018	(5.80)	2.092	1.973	2.092	na	2y Yield
BUS05Y	2.890	(5.50)	2.952	2.858	2.947	na	5y Yield
BUS10Y	3.867	(2.90)	3.908	3.844	3.904	na	10y Yield
BUS30Y	4.649	(1.10)	4.677	4.63	4.67	na	30y Yield

	Libor\$ ^	Tbill	CP ^^
1M	3.118	2.369	3.110
3M	3.078	2.262	3.030
6M	3.019	2.139	2.890

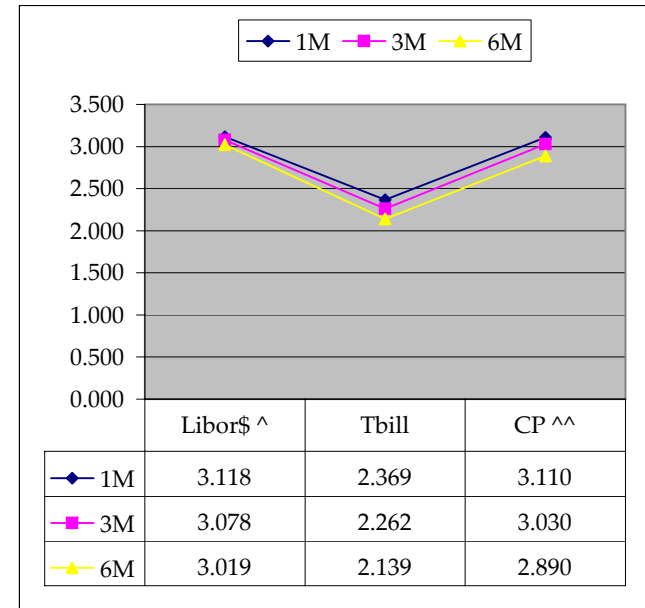
	Libor\$ ^	Repos
0/N	3.151	2.900
1week	3.145	2.920
2week	3.144	2.850

	TSY	Swap	ED Pks ^^
2y	2.022	90.00	3.190
5y	2.892	95.00	
10y	3.871	76.50	

Red pack / Blue pack is a 2/5 proxy
 Red pack / Gold pack is a 2/10 proxy
 Blue pack / Gold pack is a 5/10 proxy

Notes

^Quoted in US Dollars
 ^^CP = Commercial Paper
 ^^ED Pks are colored for pack identifications. Example, the red pack is a 2-yr proxy and is colored red.
 Lastly, SYM = Symbol



	2/5	Rd/Blu Pk Difference
	87.0	#VALUE! #VALUE!
	2/10	Rd/Gld Pk Difference
	184.9	#VALUE! #VALUE!
	5/10	Blu/Gld Pk Difference
	97.9	#VALUE! #VALUE!

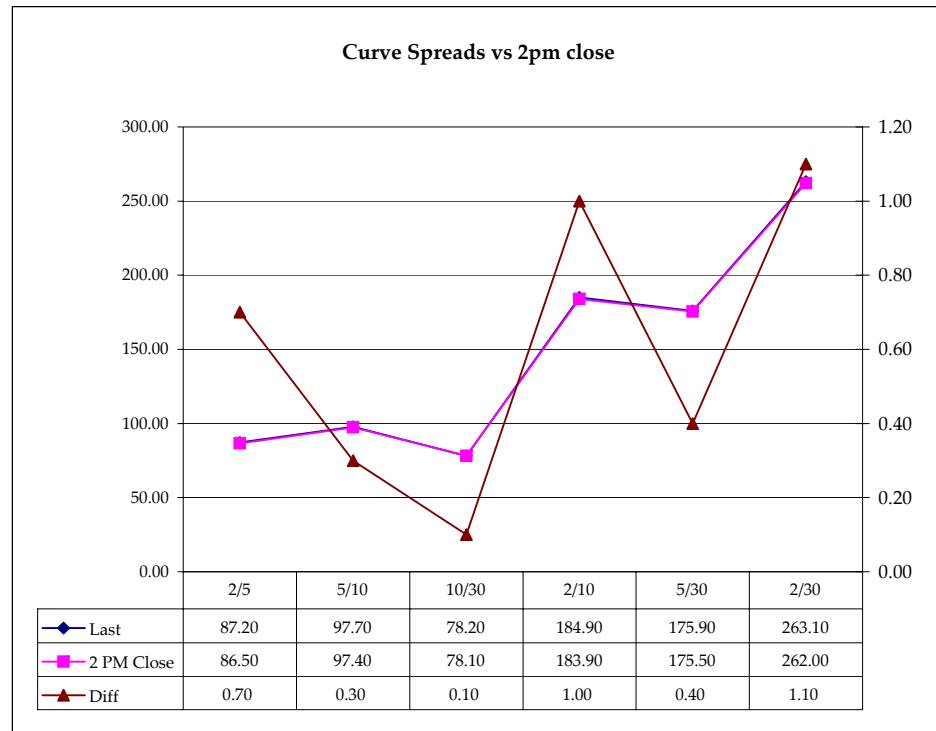
	M Duration	DV01 32	DV01 \$	DV01 Box	CF
30y	16.28	4.98	\$1,558	9.97	n/a
10y	8.32	2.58	\$807	5.16	n/a
5y	4.57	1.47	\$461	5.90	n/a
2y	1.89	0.61	\$190	2.43	n/a
ZB	10.40	3.89	\$122	3.89	0.7757
ZN	5.79	2.17	\$68	4.34	0.8174
ZF	3.84	1.40	\$44	2.81	0.8705
ZT	1.75	0.60	\$19	2.41	0.9336

Yield Curve Spreads			
	Last	2pm close	Diff
2/5	87.20	86.50	0.70
5/10	97.70	97.40	0.30
10/30	78.20	78.10	0.10
2/10	184.90	183.90	1.00
5/30	175.90	175.50	0.40
2/30	263.10	262.00	1.10

DV01 32, said differently, is "how many TICS are in a basis point?".

Example, If ZN moves 1~basis point, then, it's moved 2.08 tics (Today, 10/25/07, the value in the box is 2.08).

Since ZN trades in half tics, then, 4.17 boxes = 1 basis point in ZN. (Again, today, 10/25/07, the value in the box is 4.17). Of course the values will be different as you look at this. But, they won't be that much different. So, I think you can get the idea I'm trying to get across.



Notes

CF = Conversion Factor

MDuration = Modified Macaulay Duration

MDuration & DV01s for Futures are based on proxy issue (CTD)

DV01 Box = Dollar Value of 1 basis point move per Box

US Financial Futures / Eurex Bond

	ZB	ZN	ZF	ZT
Bund (H)	0.980	1.800	2.800	3.100
Bobl (H)	0.540	0.996	1.536	1.692
Shatz (H)	0.223	0.405	0.625	0.688

US Treasuries v US Financial Futures

	2y	5y	10y	30y
ZB	1.53	3.70	6.49	12.52
ZN	2.80	6.79	11.90	22.97
ZF	4.33	10.50	18.39	35.49
ZT	5.04	12.23	21.43	41.36

US Financial Futures

	ZB	ZN	ZF	ZT
ZB		1.835	2.835	3.304
ZN	0.545		1.545	1.801
ZF	0.353	0.647		1.165
ZT	0.303	0.555	0.858	

US Treasuries v Eurex Bonds

	2y	5y	10y	30y
Bund (H)	1.7	3.9	7.1	14.3
Bobl (H)	3.1	7.1	12.8	25.8
Shatz (H)	7.8	15.9	28.8	58.1

Eurex Bonds

	Bund (H)	Bobl (H)	Shatz (H)
Bund (H)	1.0	1.9	4.6
Bobl (H)	0.5	1.0	2.5
Shatz (H)	0.2	0.4	1.0

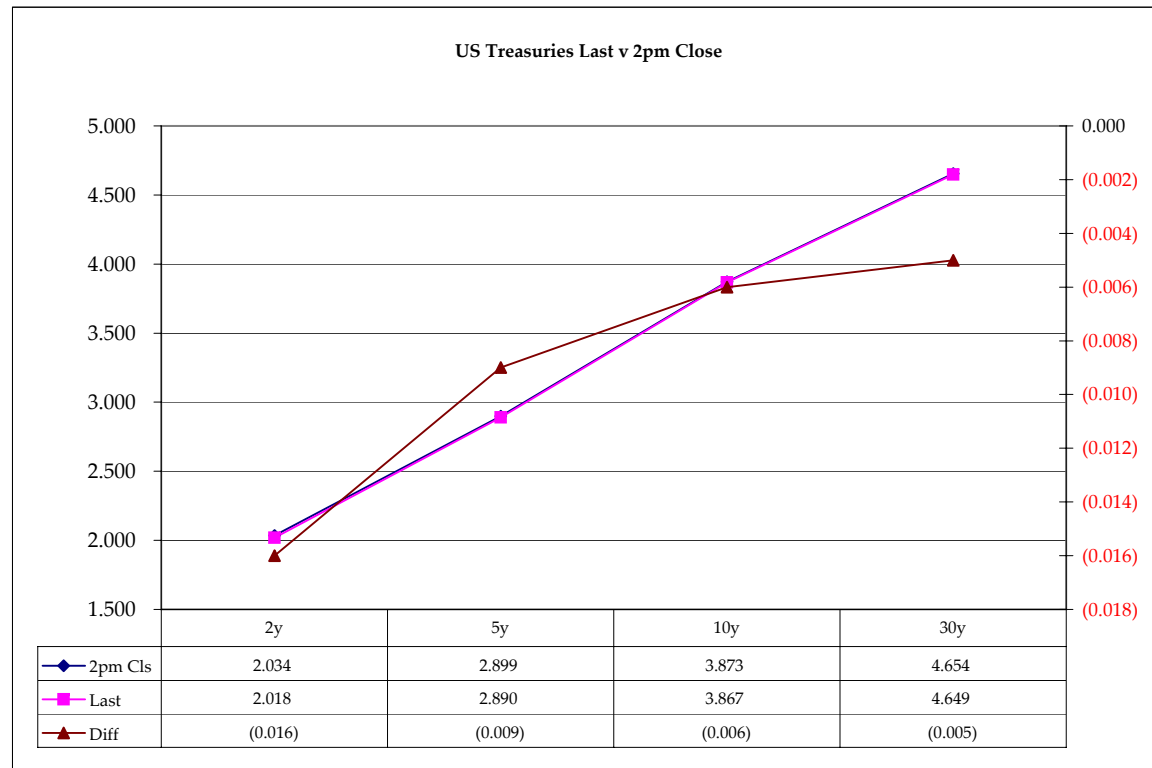
US Treasuries

	2y	5y	10y	30y
2y		2.427	4.251	8.207
5y	0.412		1.750	3.377
10y	0.235	0.571		1.930
30y	0.122	0.296	0.518	

Note: Any ratio with the Bund, Bobl, or Shatz is from Bloomberg. So, the Bloomberg hedge ratios, in this spreadsheet, are static. Meaning, I only update them once in a while but always on rolls. My hedge ratio's are live, meaning, they're updated in real-time.

	Cpn	Mty	Close 32	Close	Last	Diff	Basis		Roll		Close 32	Last
							Close	Last				
2y	2.125	1/31/10	100.0550	2.034	2.018	(0.016)				FVAH8	112.245	112.255
5y	2.875	1/31/13	99.2850	2.899	2.890	(0.009)	55.30	55.43		TYAH8	115.200	115.215
10y	3.500	2/15/18	96.300	3.873	3.867	(0.006)	77.62	76.89		USAH8	116.02	115.300
30y	4.375	5/15/37	95.17	4.654	4.649	(0.005)	175.55	180.65				

Curve Spreads		
	Close bps	Last bps
2/5	86.5	87.2
5/10	97.4	97.7
10/30	78.1	78.2
2/10	183.9	184.9
5/30	175.5	175.9
2/30	262.0	263.1



Notes:
 Basis = (Cash Decimal - (Futures Decimal * CF))*32
 MDuration for Curve Spreads:
 Longer duration minus shorter duration
 32 = price is quoted in 32nds

Cash Duration Matrix

Cash Duration Matrix				
	2	5	10	30
2	100%			
5	41%	100%		
10	23%	55%	100%	
30	12%	28%	51%	144%
Cash Matrix [DV01 x Duration]				
	2	5	10	30
2	\$190			
5	\$191	\$461		
10	\$184	\$443	\$807	
30	\$181	\$437	\$796	\$1,558
Cash Matrix [DV01 over / (under) valued]				
	2	5	10	30
2				
5	(\$1)			
10	\$6	\$17		
30	\$9	\$23	\$11	
Cash Matrix [DV01 over / (under) as %]				
	2	5	10	30
2				
5	-0.48%			
10	3.41%	3.90%		
30	4.86%	5.37%	1.41%	

What is this? (1):
 2yr cash has X% duration of 5yr cash .

What is this? (2):
 - 2yr cash has DV01 of \$202
 - Multiply the 2yr DV01 by the percent duration to come up with what the 2yrs DV01 SHOULD be compared to the 5yr.

What is this? (3):
 - Now you can see the over/under value, based on the DV01, from contract to contract. In this example we are looking at the 2yr compared to the 5yr.

Or you can look at the over/under value as a percentage instead of dollar terms.

		Tic for Tic Matrix			
		2y	5y	10y	30y
ZT		1.01	2.45	4.29	8.27
ZF		0.43	1.05	1.84	3.55
ZN		0.28	0.68	1.19	2.30
ZB		0.16	0.38	0.66	1.28

		Box for Box Matrix			
		2y	5y	10y	30y
ZT		1.01	2.45	8.57	16.54
ZF		0.43	2.10	3.68	7.10
ZN		0.56	1.36	1.19	2.30
ZB		0.62	1.52	1.33	2.56

		2y	5y	10y	30y
2y		1.00	2.43	4.25	8.21
5y		0.41	1.00	1.75	3.38
10y		0.24	0.57	1.00	1.93
30y		0.12	0.30	0.52	1.00

		2y	5y	10y	30y
2y			2.43	2.13	4.10
5y		0.41		0.44	1.69
10y		0.47	2.28		1.93
30y		0.24	0.59	0.52	

		ZT	ZF	ZN	ZB
ZT		1.00	2.33	3.60	6.46
ZF		0.43	1.00	1.55	2.77
ZN		0.28	0.65	1.00	1.79
ZB		0.15	0.36	0.56	1.00

		2y	5y	10y	30y
ZT			2.33	7.20	25.82
ZF		0.43		1.55	5.54
ZN		0.14	0.65		3.59
ZB		0.04	0.18	0.28	