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The Morning Email: Treasuries

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Want something added?
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Important Econ Releases Highs & Lows

	5y*	10y*	ZN	ZB	Date
Non-farm High					9/1/2006
Non-farm Low					9/1/2006
FOMC High	99.0750	101.0975	107.1900	111.1000	9/20/2006
FOMC Low	99.0350	101.0100	107.1000	111.1000	9/20/2006
PPI High	99.0600	101.0350	107.1300	111.0500	9/18/2006
PPI Low	98.2800	100.1900	106.2800	110.1300	9/18/2006
CPI High	99.0350	100.3150	107.1000	111.0200	9/15/2006
CPI Low	98.2750	100.1800	106.2900	110.1300	9/15/2006

*Adjusted for New Issue

Prices are recorded from econ release to 2pm CDT

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Quotes

	32 nds						
	ls	net	high	low	open	Volume	SYM NAME
TUAZ6	102.022	1.50	102.025	101.315	101.315	23,401	2y Futures
FVAZ6	105.025	2.50	105.040	104.295	104.305	74,064	5y Futures
TYAZ6	107.115	3.00	107.125	107.050	107.065	148,384	10y Futures
USAZ6	111.050	0	111.070	110.290	110.300	23,281	30y Futures
	ls	net	high	low	open	Volume	SYM NAME
BUS02P	99.222	2.0	99.227	99.205	99.205	na	2y
BUS05P	99.057	3.5	99.070	99.025	99.027	na	5y
BUS10P	101.035	6.5	101.045	100.300	100.300	na	10y
BUS30P	94.100	9	94.115	94.015	94.020	na	30y
	ls	net	high	low	open	Volume	SYM NAME
BUS02Y	4.784	(2.90)	4.839	4.771	4.839	na	2y Yield
BUS05Y	4.683	(2.90)	4.744	4.674	4.721	na	5y Yield
BUS10Y	4.730	(2.40)	4.76	4.724	4.76	na	10y Yield
BUS30Y	4.865	(1.90)	4.893	4.861	4.89	na	30y Yield

Source: CQG

Overnight

News should be back in the next day or two.

Sources: Reuters, MNI, Dow Jones

Yield Curve Spreads & Flys, DV01s, CFs

	M Duration
30y	15.68
10y	7.71
5y	4.39
3y	2.61
2y	2.04
ZB	10.03
ZN	5.82
ZF	3.91
ZT	1.86

	DV01s (32nds)
30y	4.77
10y	2.51
5y	1.40
3y	0.84
2y	0.59
ZB	3.61
ZN	2.01
ZF	1.32
ZT	1.21

	DV01s ($s)
30y	$1,490
10y	$785
5y	$436
3y	$262
2y	$185
ZB	$113
ZN	$63
ZF	$41
ZT	$38

	Yield Curve Spreads
2/3	-6.90
3/5	-3.20
2/5	-10.10
5/10	4.70
2/10	-5.40
10/30	13.50
5/30	18.20
2/30	8.10

	Fly's
2/3/5	-3.70
2/5/10	-14.80
2/10/30	-18.90
5/10/30	-8.80

	CFs OTR*
ZB	0.7943
ZN	0.9178
ZF	0.9387
ZT	0.9774

*OTR = On the Run

*CF OTR Basis = Conversion Factor On-the-Run Basis
(Cash price - (Futures price* OTR CF))= CF OTR Basis

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

MDuration = Modified Macaulay Duration

Hedge Ratios: US Financial Futures / Eurex Bund, Bobl, Schatz,

US Financial Futures / Eurex Bond Hedge Ratios
Short Number of Contracts

	ZB	ZN	ZF	ZT
Bund (Z)	1.000	1.800	2.700	2.900
Bobl (Z)	0.530	0.940	1.400	1.500
Shatz (Z)	0.230	0.410	0.620	0.680

Eurex Hedge Ratio's source: Bloomberg

Number of contracts LONG

US Financial Futures Hedge Ratios

	ZB	ZN	ZF	ZT
ZB		1.796	2.728	2.974
ZN	0.557		1.518	1.655
ZF	0.367	0.659		1.103
ZT	0.673	1.208	1.835	

H=Mch
M=Jun
U=Sep
Z=Dec

Hedge Ratios: US Treasury Cash / Eurex Bund, Bobl, Schatz

US Treasuries v US Financial Futures Hedge Ratios

	2y	3y	5y	10y	30y
ZB	1.64	2.32	3.87	6.97	13.22
ZN	2.95	4.17	6.96	12.51	23.75
ZF	4.48	6.34	10.56	19.00	36.06
ZT	4.89	6.91	11.52	20.71	39.31

US Treasuries v Eurex Bonds Hedge Ratios

	2y	3y	5y	10y	30y
Bund (Z)	1.7	2.4	3.9	7.0	13.1
Bobl (Z)	3.1	4.7	7.3	13.5	25.2
Shatz (Z)	7.1	10.4	16.7	30.0	56.1

Eurex Hedge Ratio's source: Bloomberg

Eurex Hedge Ratios

	Bund (Z)	Bobl (Z)	Shatz (Z)
Bund (Z)		1.880	4.800
Bobl (Z)	0.532		2.484
Shatz (Z)	0.214	0.403	

Eurex Hedge Ratio's source: Bloomberg

H=Mch
M=Jun
U=Sep
Z=Dec

Hedge Ratios: US Cash Treasuries / Eurodollar

US Treasuries v US Treasuries

	2y	3y	5y	10y	30y
2y		1.414	2.356	4.238	8.044
3y	0.707		1.667	2.998	5.689
5y	0.424	0.600		1.799	3.414
10y	0.236	0.334	0.556		1.898
30y	0.124	0.176	0.293	0.527	

Commitment of Traders (COT)

	Maximum and Minimum Positions*											
	Small Spec				Large Spec				Commercials			
	Max	Date	Min	Date	Max	Date	Min	Date	Max	Date	Min	Date
ZF	29,192	10/3/2006	(179,890)	10/25/2005	45,278	38,909	(284,813)	8/9/2005	459,733	38,573	(66,981)	10/3/2006
ZN	(27,856)	8/29/2006	(274,045)	3/21/2006	537,763	38,993	(117,947)	10/25/2005	292,853	38,650	(476,446)	10/3/2006
ZB	(3,728)	10/3/2006	(92,110)	4/25/2006	44,491	38,587	(172,009)	5/2/2006	255,085	38,839	(6,409)	8/30/2005

	Current Positions									
	Small Spec			Large Spec			Commercials (Hedgers)			
	Long	Short	Net	Long	Short	Net	Long	Short	Net	
ZF	299,060	269,868	29,192	238,432	200,643	37,789	926,560	993,541	(66,981)	ZF
ZN	357,745	419,062	(61,317)	756,272	218,509	537,763	1,380,007	1,856,453	(476,446)	ZN
ZB	188,611	192,339	(3,728)	143,509	168,045	(24,536)	539,153	510,889	28,264	ZB

	WoW** Position Change			
	Sml Spec	Lrg Spec	Comm	
	Net	Net	Net	
ZF	**9,255**	**2,264**	**(11,519)**	**9/19/2006**
ZN	**43,697**	**71,513**	**(115,210)**	
ZB	**17,219**	**(1,710)**	**(15,510)**	

*Minimum and Maximum Positions
go back to 07/05/2005
**WoW = Week over week

Closes2pm

2 PM CDT Closes: US Treasuries, US Financial Futures, YC Spreads, Basis

	Cpn	Mty	32nds	Yield
2y	4.875	39721	99.2100	4.809
3y	4.875	40040	100.1125	4.739
5y	4.625	40816	99.0300	4.706
10y	4.875	42597	100.315	4.746
30y	4.500	49720	94.03	4.881

	CF Basis*	GHCO Basis
5y	1.11	17.437
10y	2.04	76.119
30y	5.85	185.865

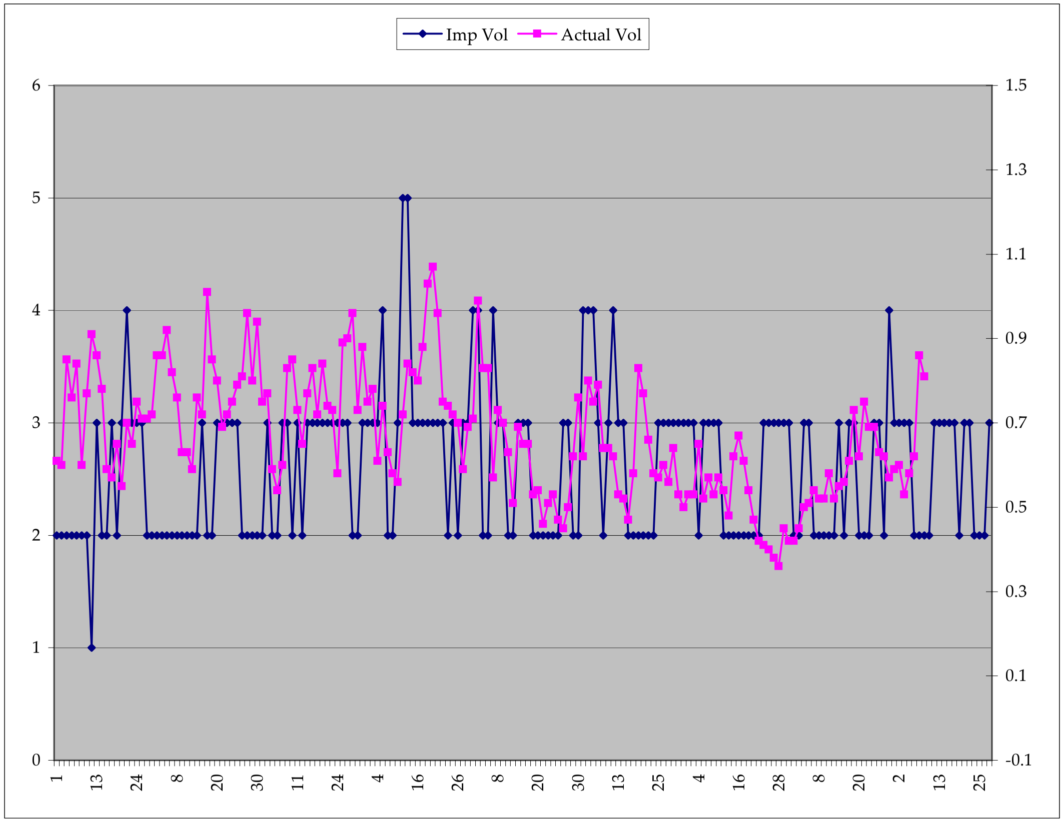
	32nds
ZF	104.3150
ZN	107.0800
ZB	111.01

Curve Spreads bps	
2/3	(0.070)
3/5	(0.033)
2/5	(0.103)
5/10	0.040
2/10	(0.063)
10/30	0.135
5/30	0.175
2/30	0.072

CF = Conversion Factor

Cash - (Futures * CF)

Implied Volatility (Daily)



Begins Feb 1. No weekends

Scale is 1-9 (left axis)
1,2 = very slow
3 = moderate
4,5 = volatile
6-9 = very volatile

Implied Volatility on left axis.
Actual Volatility on right axis.
Actual Vol based on 3 day MA.

Implied Volatility (3-Hour)

CDT Time	UT Time	EDT Time	10/11/2007	10/12/2007	10/13/2007
1900-2200	0000-0300	2000-2300	2	2	2
2200-0100	0300-0600	2300-0200	2	2	2
0100-0400	0600-0900	0200-0500	2	2	2
0400-0700	0900-1200	0500-0800	1	1	1
0700-1000	1200-1500	0800-1100	1	1	1
1000-1300	1500-1800	1100-1400	1	1	1
1300-1600	1800-2100	1400-1700	1	1	1
1600-1900	2100-0000	1700-2000	2	2	2

Shaded boxes denote market hours 4am to 4pm CDT

Scale is 1-9
1,2 = very slow
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