

## The Morning Email: US & Germany

### Table of Contents

- Pg 1 Quotes 1
- Pg 2 Quotes 2
- Pg 3 Hedge Ratios - Bloomberg
- Pg 4 Yields & Spreads
- Pg 5 Volume Questions & Global Bond Market Characteristics



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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	107.027	(0.077)	107.135	107.017	107.090	26,687	272,668	2y Futures	<b>US Futures Market</b>	
FVAZ8	113.030	(0.132)	113.250	113.015	113.167	61,893	652,692	5y Futures		
TYAZ8	115.250	(0.255)	116.255	115.240	116.195	92,219	919,600	10y Futures		
USAZ8	119.045	(0.220)	120.010	119.020	119.310	22,193	329,928	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.127	(10.0)	100.247	100.115	100.207	2y		<b>US Cash Treasury Market</b>		
BUS05P	101.150	(23.2)	102.080	101.125	102.010	5y				
BUS10P	102.185	(31.0)	103.145	102.170	103.080	10y				
BUS30P	105.050	(114.0)	106.045	105.020	106.040	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.793	12.70	1.825	1.598	1.717	2y Yield				
BUS05Y	2.807	15.20	2.832	2.637	2.725	5y Yield				
BUS10Y	3.684	11.90	3.695	3.565	3.617	10y Yield				
BUS30Y	4.192	8.10	4.201	4.117	4.149	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	104.47	(18.50)	104.79	104.42	104.68	353,077	786,248	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	109.89	(56.50)	110.58	109.81	110.40	294,299	641,209	Bobl(5Y)		
DBZ8	115.16	(7.10)	115.94	115.10	115.79	453,818	1,091,746	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	101.14	3.433	4/10/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	100.17	3.707	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	101.98	3.976	4.250	7/4/2017	10 yr CTD	
DEP2P*	101.04	3.433	4.000	9/10/2010	2yr OTR	
DEP5P*	100.17	3.707	3.750	7/4/2013	5yr OTR	
DEP10P*	101.93	4.005	4.250	7/4/2018	10yr OTR	

Notes

- Y = Yield
- DE = German Country Code
- CTD = Cheapest to Deliver
- OTR = On the Run
- \* OTR
- \*\* CTD
- \*\*\* CTD & OTR

**Quotes 2**

This page provided a more detailed look at the quotes for the German Bonds

German Bonds are quoted in decimal, not 32nds.



		Decimal						
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
DGZ8	104.47	104.48	104.47	104.79	104.42	-18.50	Schatz(2Y)	German Futures
DLZ8	109.89	109.90	109.89	110.58	109.81	-56.50	Bobl(5Y)	
DBZ8	115.16	115.17	115.16	115.94	115.10	-7.10	Bund(10Y)	
		Decimal						
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	3.450	3.433	3.433	3.482	3.326		2 yr CTD	German Cash
T.US.DE036P0713**	3.717	3.707	3.707	3.738	3.601		5 yr CTD	
T.US.DE042P0718*	3.982	3.976	3.976	3.993	3.892		10 yr CTD	
DEP2P*	3.450	3.433	3.433	3.482	3.326	-7	2yr OTR	
DEP5P*	3.717	3.707	3.707	3.738	3.601	-27	5yr OTR	
DEP10P*	4.011	4.005	4.005	4.023	3.926	-28	10yr OTR	
		Decimal						
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	101.14	101.14	101.14	101.14	101.14	101	2 yr CTD	German Cash
T.US.DE036P0713**	100.13	100.17	100.17	100.63	100.04	-27	5 yr CTD	
T.US.DE042P0718*	101.93	101.98	101.98	102.60	101.85	-28	10 yr CTD	
DEP2P*	101.01	101.04	101.04	101.24	100.95	-7	2yr OTR	
DEP5P*	100.13	100.17	100.17	100.63	100.04	-27	5yr OTR	
DEP10P*	101.88	101.93	101.93	102.57	101.79	-28	10yr OTR	

Notes

- Y = Yield
- DE = German Country Code
- CTD = Cheapest to Deliver
- OTR = On the Run
- \* OTR
- \*\* CTD
- \*\*\* CTD & OTR

US Financial Futures / Eurex Bond			
	ZN	ZF	ZT
Bund (U)	1.56	2.50	2.83
Bobl (U)	0.88	1.36	1.57
Shatz (U)	0.34	0.61	0.69

US Treasuries v Eurex Bonds			
	2y	5y	10y
Bund (U)	1.6	3.9	7.1
Bobl (U)	2.9	6.9	12.6
Shatz (U)	6.7	16.0	29.1

	Bund (U)	Bobl (U)	Shatz (U)
Bund (U)		1.76	4.09
Bobl (U)	0.57		2.32
Shatz (U)	0.25	0.43	

Note: Eurex products are pulled from Bloomberg and are static. Meaning, I only update them once in a while but always on rolls.

**US Cash Treasuries (OTR)**

	Bid	Ask	Last
US2y	1.797	1.793	1.793
US5y	2.808	2.807	2.807
US10y	3.686	3.684	3.684

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	3.450	3.433	3.433
DE5y	3.717	3.707	3.707
DE10y	4.011	4.005	4.005

**Spreads (Bps)**

ZT/SCHATZ	-1.642
ZF/BOBL	-1.013
ZN/BUND	-0.542

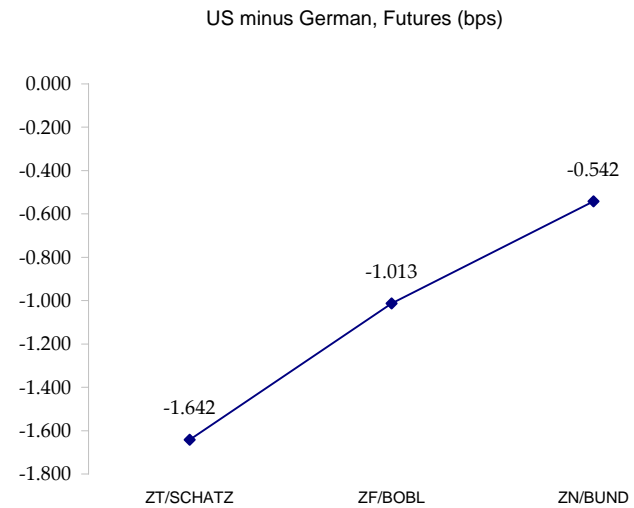
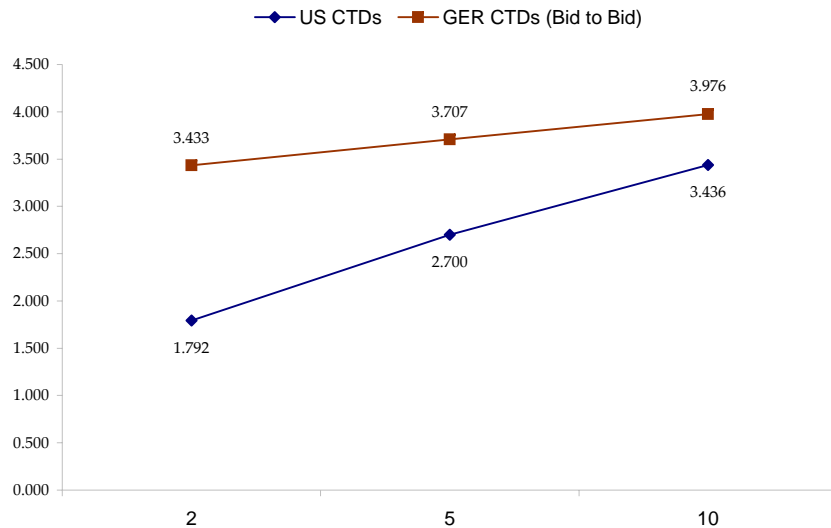
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
2.000 of 09/10	1.792	1.792	1.792
2.750 of 02/13	2.700	2.695	2.695
5.125 of 05/16	3.436	3.434	3.434

**German Futures (CTD)**

	Bid	Ask	Last
101.14 of 09/10	3.450	3.433	3.433
3.750 of 07/13	3.717	3.707	3.707
4.250 of 07/17	3.982	3.976	3.976

This chart shows the US futures, ZT, ZF, and ZN quoted in yield, then, comparing them to the German Futures, the Schatz (2yr), Bobl (5yr), and Bund (10yr). Cheapest to Deliver (CTD) are used as proxies for the yields.



When does the volume trade? Between what hours of the day? These are the two questions most frequently asked, by new traders to this contract. Of course number releases pertaining to the German economy will produce volume. Past that we can look at a chart of the Bund as determine when volume occurs.

Time	Volume	
	Rises	Drops
1:00 AM CST	x	
7:00 AM CST	x	
10:00 AM CST		x
11:00 AM CST		x
German Econ Release	x	
US Econ Release	x	

#### Bond Market Characteristics

From The Treasury Bond Basis Book 3rd Edition, by Galen Burghardt

Accrued Interest	Germany	Japan	UK
Coupon (date)	Annual	semi (20th)	semi
Ex-dividend (days)	no	no	yes (7)
Accrual basis	actual	actual	actual
Year Basis	actual	365	actual

#### Settlement time frame

Domestic	T+2	T+3	T+3
International	T+3	na	na

#### Trading Basis

Quotation	price	simple yield	price
Tick	decimal	bp	decimal
Tax (resident)	0	0	0
Price/Yield Method	ISMA	Simple	DMO

#### Repo

Accrual basis	actual	actual	actual
Year basis	360	0	365





