

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	108.155	0.012	108.170	108.130	108.152	15,129	116,369	2y Futures	<b>US Futures Market</b>	
FVAZ8	116.232	0.070	116.252	116.177	116.190	31,545	275,932	5y Futures		
TYAZ8	117.065	0.180	117.080	116.215	116.255	81,232	478,407	10y Futures		
USAZ8	118.170	0.140	118.200	118.050	118.105	10,971	163,429	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.215	0.7	100.225	100.190	100.215	2y			<b>US Cash Treasury Market</b>	
BUS05P	101.317	5.2	102.020	101.270	101.270	5y				
BUS10P	100.110	(215.5)	100.150	100.020	100.025	10y				
BUS30P	105.110	(7.0)	105.265	105.100	105.230	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.149	(1.30)	1.201	1.129	1.177	2y Yield				
BUS05Y	2.319	(2.90)	2.364	2.304	2.351	5y Yield				
BUS10Y	3.703	5.80	3.78	3.69	3.722	10y Yield				
BUS30Y	4.158	(1.10)	4.196	4.147	4.163	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	106.50	0.50	106.56	106.41	106.47	232,896	434,222	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	113.85	9.00	113.93	113.63	113.78	217,649	384,245	Bobl(5Y)		
DBZ8	118.48	(0.20)	118.64	118.29	118.50	288,864	750,747	Bund(10Y)		

	Price	Yield			
	Last	Last	Coupon	Maturity	SYM NAME
T.US.DE040P0910***	103.05	2.236	4/12/1900	9/10/2010	2 yr CTD
T.US.DE036P0713**	103.93	2.829	3.750	7/4/2013	5 yr CTD
T.US.DE042P0718*	104.96	3.570	4.250	7/4/2017	10 yr CTD
DEP2P*	103.09	2.236	4.000	9/10/2010	2yr OTR
DEP5P*	103.93	2.829	3.750	7/4/2013	5yr OTR
DEP10P*	105.05	3.617	4.250	7/4/2018	10yr OTR

**German  
Cash  
Treasury  
Market**

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	106.49	106.50	106.50	106.56	106.41	0.50	Schatz(2Y)	German Futures
DLZ8	113.85	113.86	113.85	113.93	113.63	9.00	Bobl(5Y)	
DBZ8	118.48	118.49	118.48	118.64	118.29	-0.20	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	2.253	2.236	2.236	2.297	2.203		2 yr CTD	German Cash
T.US.DE036P0713**	2.838	2.829	2.829	2.891	2.813		5 yr CTD	
T.US.DE042P0718*	3.576	3.570	3.570	3.600	3.551		10 yr CTD	
DEP2P*	2.253	2.236	2.236	2.297	2.203	6	2yr OTR	
DEP5P*	2.838	2.829	2.829	2.891	2.813	17	5yr OTR	
DEP10P*	3.623	3.617	3.617	3.651	3.599	7	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	103.05	103.05	103.05	103.05	103.05	103	2 yr CTD	German Cash
T.US.DE036P0713**	103.89	103.93	103.93	104.00	103.66	17	5 yr CTD	
T.US.DE042P0718*	104.91	104.96	104.96	105.10	104.73	6	10 yr CTD	
DEP2P*	103.06	103.09	103.09	103.15	102.98	6	2yr OTR	
DEP5P*	103.89	103.93	103.93	104.00	103.66	17	5yr OTR	
DEP10P*	105.00	105.05	105.05	105.20	104.77	7	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)	1.50	2.20	2.60
Bobl (U)	0.85	1.25	1.50
Shatz (U)	0.34	0.49	0.59

US Treasuries v Eurex Bonds			
	2y	5y	10y
Bund (U)	1.8	4.3	7.5
Bobl (U)	3.2	7.6	13.3
Shatz (U)	8.1	19.2	33.6

	Bund (U)	Bobl (U)	Shatz (U)
Bund (U)		1.76	4.46
Bobl (U)	0.57		2.54
Shatz (U)	0.22	0.39	

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	1.153	1.149	1.149
US5y	2.323	2.319	2.319
US10y	3.709	3.703	3.703

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	2.253	2.236	2.236
DE5y	2.838	2.829	2.829
DE10y	3.623	3.617	3.617

**Spreads (Bps)**

ZT/SCHATZ	-1.294
ZF/BOBL	-0.651
ZN/BUND	-0.082

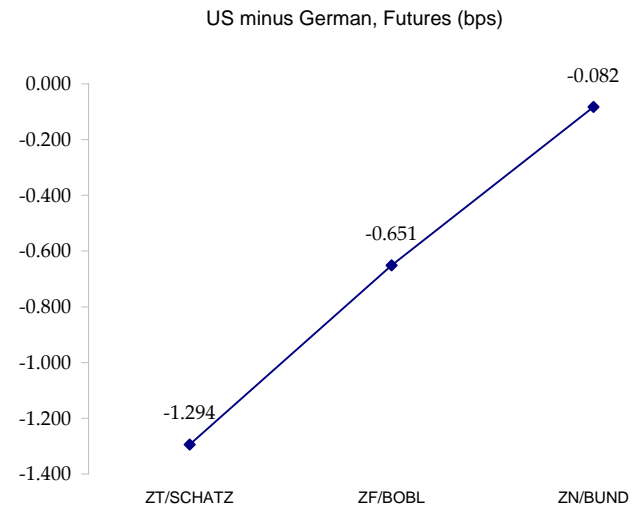
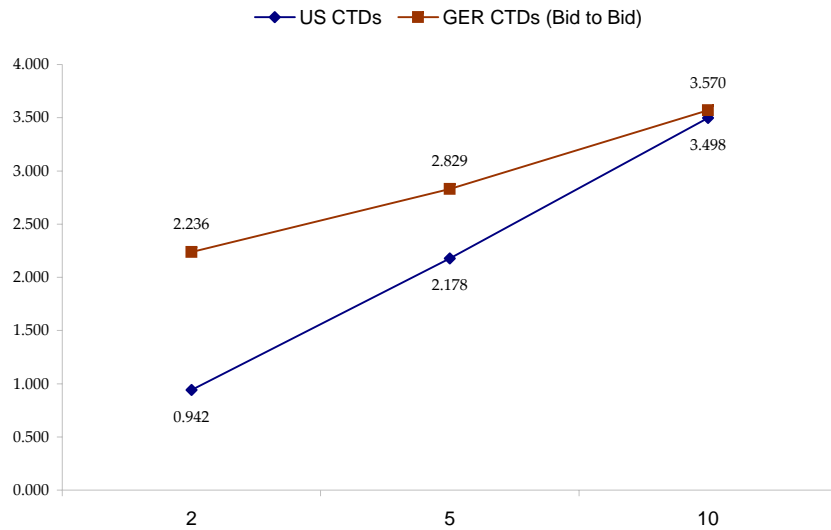
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.875 of 09/10	0.942	0.942	0.942
3.375 of 07/13	2.178	2.178	2.178
4.875 of 08/16	3.498	3.487	3.487

**German Futures (CTD)**

	Bid	Ask	Last
103.05 of 09/10	2.253	2.236	2.236
3.750 of 07/13	2.838	2.829	2.829
4.250 of 07/17	3.576	3.570	3.570

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







