

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	107.065	0.002	107.120	107.057	107.107	18,907	172,856	2y Futures	<b>US Futures Market</b>	
FVAZ8	112.020	0.002	112.135	112.000	112.097	37,137	380,719	5y Futures		
TYAZ8	112.000	0.010	112.170	111.265	112.130	67,770	569,107	10y Futures		
USAZ8	114.070	(0.010)	114.295	114.010	114.215	12,036	187,847	30y Futures		
		Last	Net	Hi	Low	Open		SYM NAME		
BUS02P	100.237	(3.5)	100.290	100.235	100.290			2y	<b>US Cash Treasury Market</b>	
BUS05P	101.055	(7.5)	101.175	101.040	101.130			5y		
BUS10P	99.315	(15.0)	100.155	99.265	100.115			10y		
BUS30P	104.135	(11.0)	105.050	104.050	105.020			30y		
		Last	Net	Hi	Low	Open		SYM NAME		
BUS02Y	1.605	6.00	1.625	1.512	1.597			2y Yield		
BUS05Y	2.863	5.40	2.885	2.784	2.859			5y Yield		
BUS10Y	3.996	6.20	4.029	3.936	3.984			10y Yield		
BUS30Y	4.234	4.00	4.257	4.185	4.224			30y Yield		



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	105.11	5.00	105.22	105.04	105.13	255,187	484,786	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	110.15	10.00	110.34	110.01	110.13	228,859	462,789	Bobl(5Y)		
DBZ8	114.05	(0.10)	114.35	113.96	114.19	296,813	760,829	Bund(10Y)		

		Price	Yield					
	Last	Last	Coupon	Maturity	SYM NAME			
T.US.DE040P0910***	101.79	3.017	4/10/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>		
T.US.DE036P0713**	100.54	3.620	3.750	7/4/2013	5 yr CTD			
T.US.DE042P0718*	101.13	4.091	4.250	7/4/2017	10 yr CTD			
DEP2P*	101.77	3.017	4.000	9/10/2010	2yr OTR			
DEP5P*	100.54	3.620	3.750	7/4/2013	5yr OTR			
DEP10P*	101.10	4.108	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	105.11	105.11	105.11	105.22	105.04	5.00	Schatz(2Y)	German Futures
DLZ8	110.15	110.16	110.15	110.34	110.01	10.00	Bobl(5Y)	
DBZ8	114.04	114.05	114.05	114.35	113.96	-0.10	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	3.034	3.017	3.017	3.077	2.957		2 yr CTD	German Cash
T.US.DE036P0713**	3.629	3.620	3.620	3.662	3.580		5 yr CTD	
T.US.DE042P0718*	4.097	4.091	4.091	4.109	4.055		10 yr CTD	
DEP2P*	3.034	3.017	3.017	3.077	2.957	20	2yr OTR	
DEP5P*	3.629	3.620	3.620	3.662	3.580	33	5yr OTR	
DEP10P*	4.114	4.108	4.108	4.124	4.073	16	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	101.79	101.79	101.79	101.79	101.79	102	2 yr CTD	German Cash
T.US.DE036P0713**	100.50	100.54	100.54	100.71	100.36	33	5 yr CTD	
T.US.DE042P0718*	101.08	101.13	101.13	101.39	101.00	15	10 yr CTD	
DEP2P*	101.74	101.77	101.77	101.88	101.66	20	2yr OTR	
DEP5P*	100.50	100.54	100.54	100.71	100.36	33	5yr OTR	
DEP10P*	101.05	101.10	101.10	101.38	100.97	16	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	1.613	1.605	1.605
US5y	2.870	2.863	2.863
US10y	4.001	3.996	3.996

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	3.034	3.017	3.017
DE5y	3.629	3.620	3.620
DE10y	4.114	4.108	4.108

**Spreads (Bps)**

ZT/SCHATZ	-1.415
ZF/BOBL	-0.939
ZN/BUND	-0.042

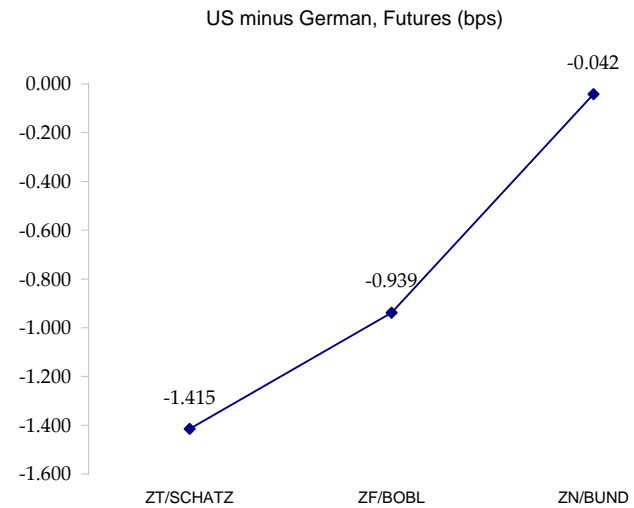
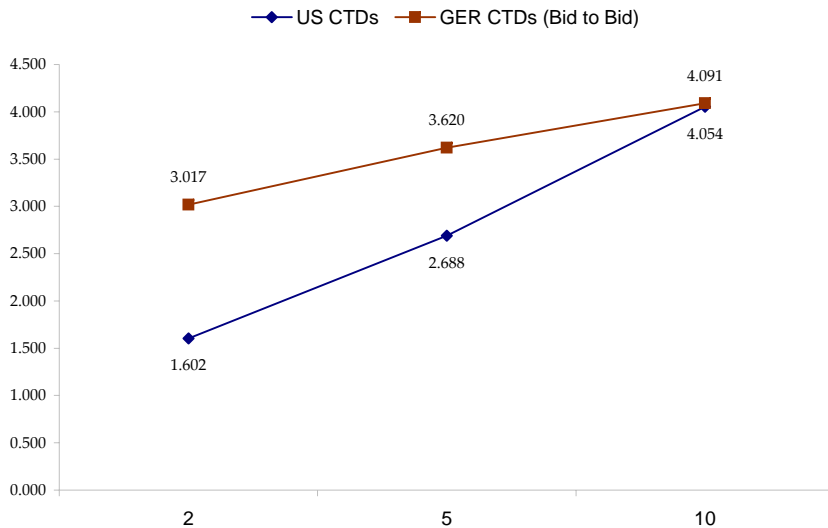
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
2.000 of 09/10	1.602	1.602	1.602
2.750 of 02/13	2.688	2.681	2.681
5.125 of 05/16	4.054	4.049	4.049

**German Futures (CTD)**

	Bid	Ask	Last
101.79 of 09/10	3.034	3.017	3.017
3.750 of 07/13	3.629	3.620	3.620
4.250 of 07/17	4.097	4.091	4.091

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





