

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	108.142	(0.005)	108.170	108.127	108.145	16,079	154,823	2y Futures	<b>US Futures Market</b>	
FVAZ8	117.155	0.057	117.177	117.092	117.095	25,190	301,317	5y Futures		
TYAZ8	119.015	0.185	119.020	118.120	118.130	81,933	541,590	10y Futures		
USAZ8	121.055	1.005	121.070	120.090	120.095	11,968	175,113	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.227	0.0	100.237	100.215	100.225	2y			<b>US Cash Treasury Market</b>	
BUS05P	102.252	5.2	102.272	102.200	102.210	5y				
BUS10P	102.155	18.5	102.155	101.275	101.290	10y				
BUS30P	107.045	17.5	107.055	106.140	106.140	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.126	0.00	1.158	1.098	1.134	2y Yield				
BUS05Y	2.149	(3.20)	2.207	2.136	2.19	5y Yield				
BUS10Y	3.452	(6.60)	3.54	3.45	3.537	10y Yield				
BUS30Y	4.080	(3.40)	4.131	4.074	4.116	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	106.64	2.00	106.67	106.56	106.67	226,172	322,675	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	114.26	21.50	114.28	113.94	114.09	252,773	299,112	Bobl(5Y)		
DBZ8	119.72	6.00	119.72	119.06	119.27	348,336	541,040	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	103.22	2.131	4/12/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	104.27	2.749	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	106.00	3.431	4.250	7/4/2017	10 yr CTD	
DEP2P*	103.25	2.131	4.000	9/10/2010	2yr OTR	
DEP5P*	104.27	2.749	3.750	7/4/2013	5yr OTR	
DEP10P*	106.19	3.479	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	106.64	106.65	106.64	106.67	106.56	2.00	Schatz(2Y)	German Futures
DLZ8	114.26	114.26	114.26	114.28	113.94	21.50	Bobl(5Y)	
DBZ8	119.71	119.72	119.72	119.72	119.06	6.00	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	2.148	2.131	2.131	2.192	2.131		2 yr CTD	German Cash
T.US.DE036P0713**	2.758	2.749	2.749	2.826	2.744		5 yr CTD	
T.US.DE042P0718*	3.438	3.431	3.431	3.513	3.430		10 yr CTD	
DEP2P*	2.148	2.131	2.131	2.192	2.131	7	2yr OTR	
DEP5P*	2.758	2.749	2.749	2.826	2.744	29	5yr OTR	
DEP10P*	3.485	3.479	3.479	3.566	3.478	90	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	103.22	103.22	103.22	103.22	103.22	103	2 yr CTD	German Cash
T.US.DE036P0713**	104.23	104.27	104.27	104.29	103.93	29	5 yr CTD	
T.US.DE042P0718*	105.95	106.00	106.00	106.01	105.38	83	10 yr CTD	
DEP2P*	103.22	103.25	103.25	103.25	103.14	7	2yr OTR	
DEP5P*	104.23	104.27	104.27	104.29	103.93	29	5yr OTR	
DEP10P*	106.14	106.19	106.19	106.20	105.47	90	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	1.130	1.126	1.126
US5y	2.152	2.149	2.149
US10y	3.454	3.452	3.452

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	2.148	2.131	2.131
DE5y	2.758	2.749	2.749
DE10y	3.485	3.479	3.479

**Spreads (Bps)**

ZT/SCHATZ	-1.194
ZF/BOBL	-0.775
ZN/BUND	-0.276

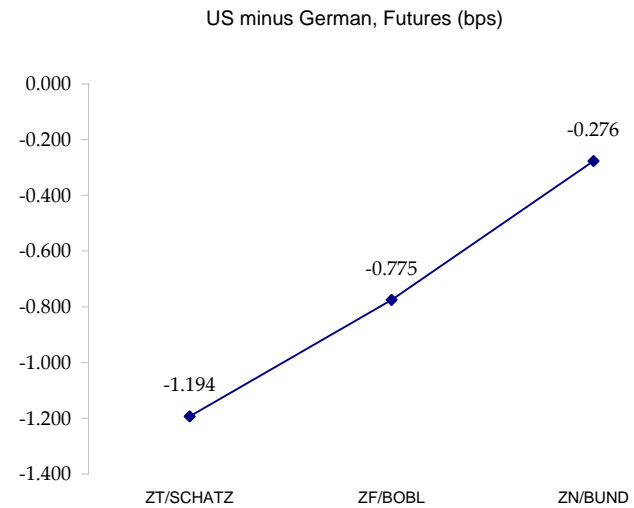
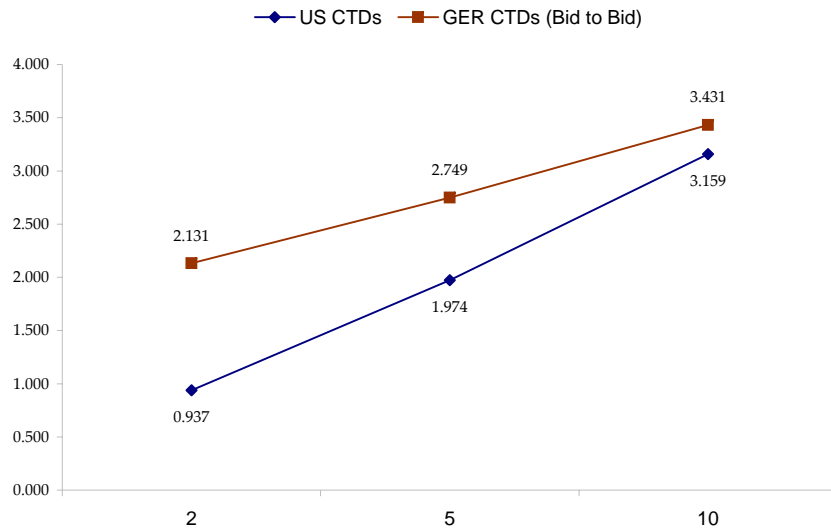
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.875 of 09/10	0.937	0.937	0.937
3.375 of 06/13	1.974	1.974	1.974
4.875 of 08/16	3.159	3.155	3.155

**German Futures (CTD)**

	Bid	Ask	Last
103.22 of 09/10	2.148	2.131	2.131
3.750 of 07/13	2.758	2.749	2.749
4.250 of 07/17	3.438	3.431	3.431

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







