

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	107.207	0.097	107.212	107.165	107.167	20,958	344,954	2y Futures	<b>US Futures Market</b>	
FVAZ8	114.092	0.217	114.105	113.305	113.305	38,902	626,570	5y Futures		
TYAZ8	116.255	0.255	116.315	116.120	116.140	82,577	846,675	10y Futures		
USAZ8	120.235	1.025	121.180	120.050	120.100	19,028	281,316	30y Futures		
		Last	Net	Hi	Low	Open		SYM NAME		
BUS02P	101.005	7.0	101.007	100.285	100.290			2y	<b>US Cash Treasury Market</b>	
BUS05P	102.282	18.5	102.287	102.165	102.230			5y		
BUS10P	104.010	24.5	104.030	103.185	103.270			10y		
BUS30P	108.135	109.0	108.190	107.270	107.270			30y		
		Last	Net	Hi	Low	Open		SYM NAME		
BUS02Y	1.474	(10.90)	1.602	1.466	1.602			2y Yield	<b>US Cash Treasury Market</b>	
BUS05Y	2.504	(11.30)	2.645	2.499	2.645			5y Yield		
BUS10Y	3.508	(7.80)	3.614	3.501	3.614			10y Yield		
BUS30Y	4.007	(6.90)	4.097	3.996	4.097			30y Yield		



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	105.10	21.50	105.18	104.91	104.99	260,468	795,817	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	111.33	57.50	111.47	110.89	110.95	261,099	631,584	Bobl(5Y)		
DBZ8	116.85	6.40	116.99	116.31	116.55	383,495	1,110,446	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	101.54	3.072	4/10/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	101.51	3.397	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	103.58	3.760	4.250	7/4/2017	10 yr CTD	
DEP2P*	101.70	3.072	4.000	9/10/2010	2yr OTR	
DEP5P*	101.51	3.397	3.750	7/4/2013	5yr OTR	
DEP10P*	103.78	3.777	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	105.09	105.10	105.10	105.18	104.91	21.50	Schatz(2Y)	German Futures
DLZ8	111.32	111.33	111.33	111.47	110.89	57.50	Bobl(5Y)	
DBZ8	116.84	116.85	116.85	116.99	116.31	6.40	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	3.088	3.072	3.072	3.196	3.034		2 yr CTD	German Cash
T.US.DE036P0713**	3.406	3.397	3.397	3.498	3.365		5 yr CTD	
T.US.DE042P0718*	3.766	3.760	3.760	3.839	3.745		10 yr CTD	
DEP2P*	3.088	3.072	3.072	3.196	3.034	42	2yr OTR	
DEP5P*	3.406	3.397	3.397	3.498	3.365	80	5yr OTR	
DEP10P*	3.783	3.777	3.777	3.853	3.765	112	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	101.54	101.54	101.54	101.54	101.54	102	2 yr CTD	German Cash
T.US.DE036P0713**	101.47	101.51	101.51	101.65	101.07	80	5 yr CTD	
T.US.DE042P0718*	103.53	103.58	103.58	103.69	102.99	104	10 yr CTD	
DEP2P*	101.67	101.70	101.70	101.77	101.47	42	2yr OTR	
DEP5P*	101.47	101.51	101.51	101.65	101.07	80	5yr OTR	
DEP10P*	103.73	103.78	103.78	103.88	103.16	112	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	1.478	1.474	1.474
US5y	2.506	2.504	2.504
US10y	3.512	3.508	3.508

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	3.088	3.072	3.072
DE5y	3.406	3.397	3.397
DE10y	3.783	3.777	3.777

**Spreads (Bps)**

ZT/SCHATZ	-1.599
ZF/BOBL	-1.003
ZN/BUND	-0.476

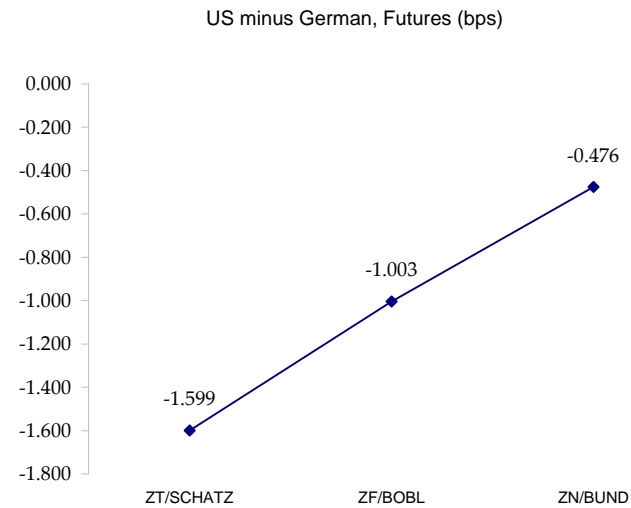
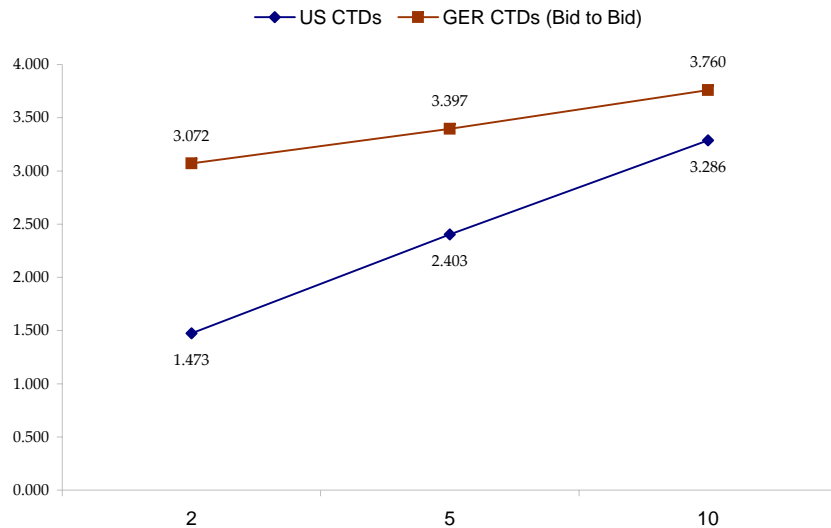
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
2.000 of 09/10	1.473	1.473	1.473
2.750 of 02/13	2.403	2.393	2.393
5.125 of 05/16	3.286	3.284	3.284

**German Futures (CTD)**

	Bid	Ask	Last
101.54 of 09/10	3.088	3.072	3.072
3.750 of 07/13	3.406	3.397	3.397
4.250 of 07/17	3.766	3.760	3.760

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







