

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	107.137	0.022	107.157	107.082	107.087	16,513	155,214	2y Futures	<b>US Futures Market</b>	
FVAZ8	113.252	0.027	113.277	113.120	113.140	22,792	316,975	5y Futures		
TYAZ8	114.185	0.025	114.230	114.060	114.080	62,272	538,554	10y Futures		
USAZ8	115.160	0.105	115.200	114.250	114.290	9,801	179,463	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.285	5.7	100.290	100.240	100.240	2y			<b>US Cash Treasury Market</b>	
BUS05P	102.177	13.5	102.197	102.042	102.060	5y				
BUS10P	102.255	20.0	102.285	102.050	102.060	10y				
BUS30P	106.090	118.0	106.125	104.300	104.300	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.524	(9.40)	1.638	1.516	1.618	2y Yield				
BUS05Y	2.566	(9.40)	2.665	2.554	2.648	5y Yield				
BUS10Y	3.654	(7.70)	3.754	3.643	3.729	10y Yield				
BUS30Y	4.125	(8.00)	4.216	4.121	4.208	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	105.50	8.50	105.59	105.42	105.49	234,953	454,861	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	111.35	35.00	111.44	111.04	111.11	232,020	463,199	Bobl(5Y)		
DBZ8	116.08	5.40	116.16	115.63	115.72	368,082	734,986	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	102.04	2.795	4/11/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	101.64	3.363	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	102.92	3.846	4.250	7/4/2017	10 yr CTD	
DEP2P*	102.16	2.795	4.000	9/10/2010	2yr OTR	
DEP5P*	101.64	3.363	3.750	7/4/2013	5yr OTR	
DEP10P*	103.09	3.859	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	105.50	105.51	105.50	105.59	105.42	8.50	Schatz(2Y)	German Futures
DLZ8	111.35	111.36	111.35	111.44	111.04	35.00	Bobl(5Y)	
DBZ8	116.08	116.09	116.08	116.16	115.63	5.40	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	2.811	2.795	2.795	2.893	2.762		2 yr CTD	German Cash
T.US.DE036P0713**	3.372	3.363	3.363	3.437	3.344		5 yr CTD	
T.US.DE042P0718*	3.853	3.846	3.846	3.904	3.834		10 yr CTD	
DEP2P*	2.811	2.795	2.795	2.893	2.762	13	2yr OTR	
DEP5P*	3.372	3.363	3.363	3.437	3.344	39	5yr OTR	
DEP10P*	3.866	3.859	3.859	3.910	3.847	58	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	102.04	102.04	102.04	102.04	102.04	102	2 yr CTD	German Cash
T.US.DE036P0713**	101.60	101.64	101.64	101.72	101.32	39	5 yr CTD	
T.US.DE042P0718*	102.87	102.92	102.92	103.01	102.49	56	10 yr CTD	
DEP2P*	102.13	102.16	102.16	102.22	101.98	13	2yr OTR	
DEP5P*	101.60	101.64	101.64	101.72	101.32	39	5yr OTR	
DEP10P*	103.04	103.09	103.09	103.19	102.68	58	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	1.532	1.524	1.524
US5y	2.571	2.566	2.566
US10y	3.661	3.654	3.654

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	2.811	2.795	2.795
DE5y	3.372	3.363	3.363
DE10y	3.866	3.859	3.859

**Spreads (Bps)**

ZT/SCHATZ	-1.272
ZF/BOBL	-0.842
ZN/BUND	0.502

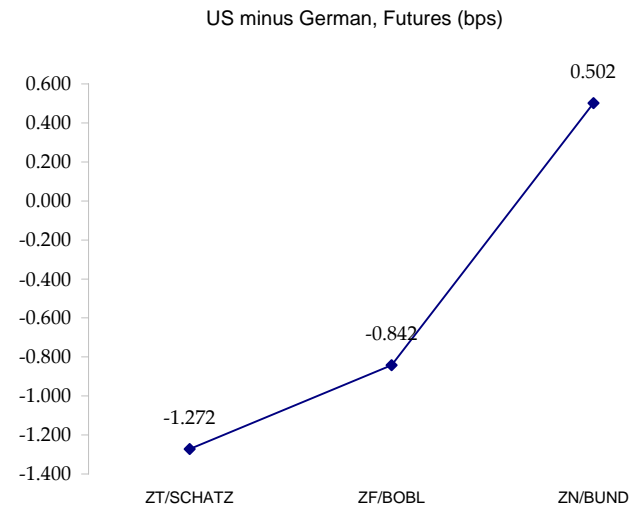
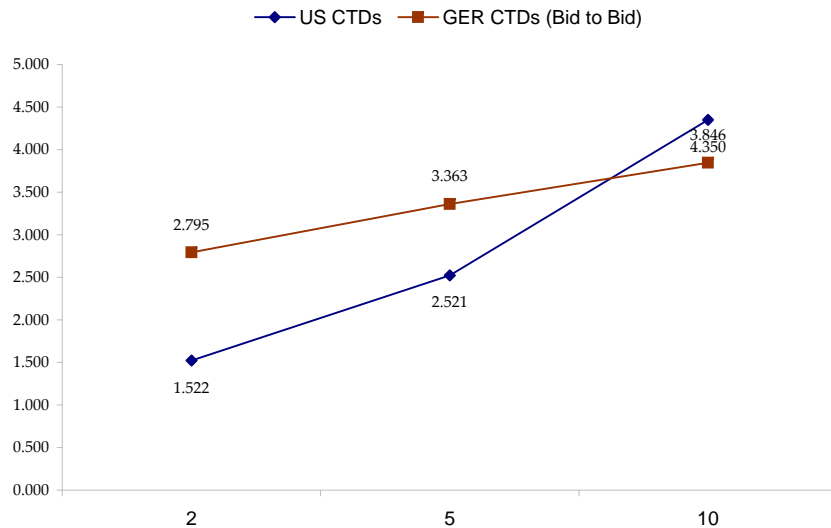
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
2.000 of 09/10	1.522	1.522	1.522
3.500 of 05/13	2.521	2.521	2.521
4.875 of 08/16	4.350	4.348	4.348

**German Futures (CTD)**

	Bid	Ask	Last
102.04 of 09/10	2.811	2.795	2.795
3.750 of 07/13	3.372	3.363	3.363
4.250 of 07/17	3.853	3.846	3.846

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







