

## The Morning Email: US & Germany

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Quotes 1



		32 nds							
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME	
TUAZ8	107.157	0.042	107.157	107.090	107.110	20,339	235,558	2y Futures	<b>US Futures Market</b>
FVAZ8	113.272	0.105	113.287	113.120	113.170	36,387	455,045	5y Futures	
TYAZ8	116.065	0.215	116.080	115.155	115.200	72,749	673,843	10y Futures	
USAZ8	119.315	0.185	120.025	119.105	119.150	12,390	218,142	30y Futures	
	Last	Net	Hi	Low	Open	SYM NAME			
BUS02P	100.277	3.5	100.285	100.207	100.260	2y			<b>US Cash Treasury Market</b>
BUS05P	102.110	6.0	102.125	101.260	102.050	5y			
BUS10P	103.145	11.0	103.165	102.270	102.300	10y			
BUS30P	106.265	28.0	106.280	105.310	106.000	30y			
	Last	Net	Hi	Low	Open	SYM NAME			
BUS02Y	1.551	(5.40)	1.675	1.539	1.639	2y Yield			
BUS05Y	2.615	(3.80)	2.737	2.609	2.682	5y Yield			
BUS10Y	3.575	(4.10)	3.657	3.57	3.637	10y Yield			
BUS30Y	4.094	(5.20)	4.155	4.089	4.155	30y Yield			



		Decimal							
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME	
DGZ8	104.85	3.50	104.91	104.71	104.72	313,959	738,672	Schatz(2Y)	<b>German Futures Markets</b>
DLZ8	110.77	26.50	110.80	110.39	110.43	243,747	639,294	Bobl(5Y)	
DBZ8	116.51	6.30	116.56	115.56	115.73	373,698	935,221	Bund(10Y)	

	Price	Yield			
	Last	Last	Coupon	Maturity	SYM NAME
T.US.DE040P0910***	101.32	3.218	4/10/1900	9/10/2010	2 yr CTD
T.US.DE036P0713**	101.00	3.514	3.750	7/4/2013	5 yr CTD
T.US.DE042P0718*	103.25	3.804	4.250	7/4/2017	10 yr CTD
DEP2P*	101.43	3.218	4.000	9/10/2010	2yr OTR
DEP5P*	101.00	3.514	3.750	7/4/2013	5yr OTR
DEP10P*	103.38	3.826	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	104.84	104.85	104.85	104.91	104.71	3.50	Schatz(2Y)	German Futures
DLZ8	110.77	110.77	110.77	110.80	110.39	26.50	Bobl(5Y)	
DBZ8	116.50	116.51	116.51	116.56	115.56	6.30	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	3.235	3.218	3.218	3.289	3.202		2 yr CTD	German Cash
T.US.DE036P0713**	3.524	3.514	3.514	3.591	3.510		5 yr CTD	
T.US.DE042P0718*	3.811	3.804	3.804	3.928	3.801		10 yr CTD	
DEP2P*	3.235	3.218	3.218	3.289	3.202	14	2yr OTR	
DEP5P*	3.524	3.514	3.514	3.591	3.510	34	5yr OTR	
DEP10P*	3.832	3.826	3.826	3.949	3.822	89	10yr OTR	
		Decimal						
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	101.32	101.32	101.32	101.32	101.32	101	2 yr CTD	German Cash
T.US.DE036P0713**	100.96	101.00	101.00	101.02	100.67	34	5 yr CTD	
T.US.DE042P0718*	103.20	103.25	103.25	103.27	102.33	80	10 yr CTD	
DEP2P*	101.40	101.43	101.43	101.46	101.30	14	2yr OTR	
DEP5P*	100.96	101.00	101.00	101.02	100.67	34	5yr OTR	
DEP10P*	103.33	103.38	103.38	103.41	102.38	89	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	1.555	1.551	1.551
US5y	2.619	2.615	2.615
US10y	3.579	3.575	3.575

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	3.235	3.218	3.218
DE5y	3.524	3.514	3.514
DE10y	3.832	3.826	3.826

**Spreads (Bps)**

ZT/SCHATZ	-1.669
ZF/BOBL	-1.050
ZN/BUND	-0.370

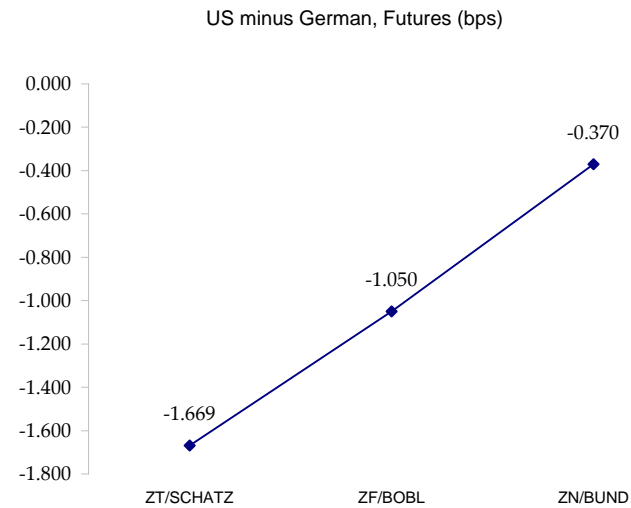
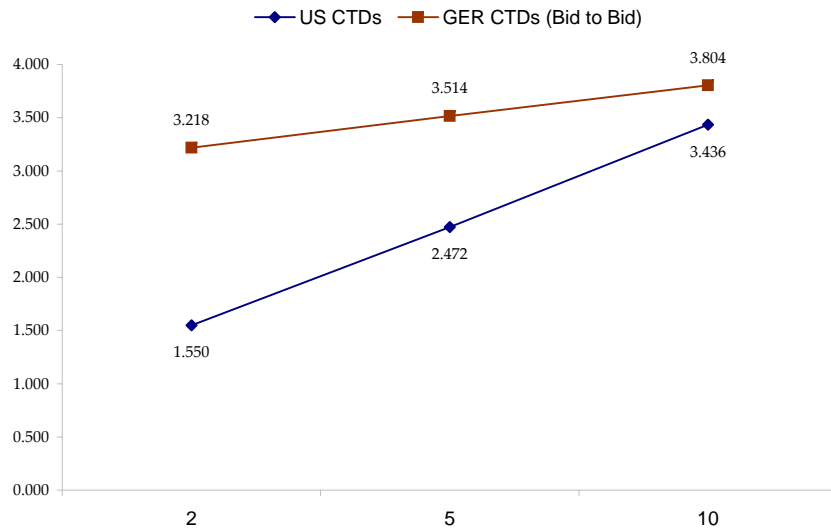
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
2.000 of 09/10	1.550	1.550	1.550
2.750 of 02/13	2.472	2.465	2.465
5.125 of 05/16	3.436	3.434	3.434

**German Futures (CTD)**

	Bid	Ask	Last
101.32 of 09/10	3.235	3.218	3.218
3.750 of 07/13	3.524	3.514	3.514
4.250 of 07/17	3.811	3.804	3.804

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





