

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	106.222	0.020	106.245	106.170	106.187	23,318	37,058	2y Futures	<b>US Futures Market</b>	
FVAZ8	111.205	0.042	111.265	111.075	111.127	39,135	47,232	5y Futures		
TYAZ8	112.135	0.060	112.205	112.000	112.065	73,793	101,111	10y Futures		
USAZ8	114.315	(0.020)	115.135	114.140	114.265	17,103	31,594	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.067	(16.0)	100.100	100.030	100.045	2y		<b>US Cash Treasury Market</b>		
BUS05P	100.145	(104.7)	100.235	100.077	100.100	5y				
BUS10P	99.310	(101.0)	100.100	99.110	99.200	10y				
BUS30P	103.105	(221.0)	104.190	103.050	104.160	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.878	29.20	1.903	1.578	1.61	2y Yield		<b>US Cash Treasury Market</b>		
BUS05Y	3.023	26.80	3.079	2.75	2.764	5y Yield				
BUS10Y	3.996	12.20	4.093	3.87	3.88	10y Yield				
BUS30Y	4.283	15.60	4.316	4.127	4.13	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	104.68	(12.00)	104.82	104.64	104.79	323,866	436,334	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	109.56	(7.50)	109.70	109.47	109.69	263,108	406,851	Bobl(5Y)		
DBZ8	114.23	1.20	114.38	113.91	114.05	327,810	643,292	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	101.42	3.241	4/10/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	100.01	3.744	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	101.26	4.073	4.250	7/4/2017	10 yr CTD	
DEP2P*	101.37	3.241	4.000	9/10/2010	2yr OTR	
DEP5P*	100.01	3.744	3.750	7/4/2013	5yr OTR	
DEP10P*	101.27	4.087	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	104.68	104.69	104.68	104.82	104.64	-12.00	Schatz(2Y)	German Futures
DLZ8	109.56	109.56	109.56	109.70	109.47	-7.50	Bobl(5Y)	
DBZ8	114.23	114.24	114.23	114.38	113.91	1.20	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	3.257	3.241	3.241	3.279	3.192		2 yr CTD	German Cash
T.US.DE036P0713**	3.754	3.744	3.744	3.773	3.709		5 yr CTD	
T.US.DE042P0718*	4.080	4.073	4.073	4.121	4.051		10 yr CTD	
DEP2P*	3.257	3.241	3.241	3.279	3.192	-17	2yr OTR	
DEP5P*	3.754	3.744	3.744	3.773	3.709	-20	5yr OTR	
DEP10P*	4.093	4.087	4.087	4.133	4.065	-11	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	101.42	101.42	101.42	101.42	101.42	101	2 yr CTD	German Cash
T.US.DE036P0713**	99.97	100.01	100.01	100.16	99.89	-20	5 yr CTD	
T.US.DE042P0718*	101.21	101.26	101.26	101.42	100.91	-11	10 yr CTD	
DEP2P*	101.34	101.37	101.37	101.46	101.30	-17	2yr OTR	
DEP5P*	99.97	100.01	100.01	100.16	99.89	-20	5yr OTR	
DEP10P*	101.22	101.27	101.27	101.44	100.90	-11	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	1.890	1.878	1.878
US5y	3.026	3.023	3.023
US10y	4.003	3.996	3.996

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	3.257	3.241	3.241
DE5y	3.754	3.744	3.744
DE10y	4.093	4.087	4.087

**Spreads (Bps)**

ZT/SCHATZ	-1.363
ZF/BOBL	-0.863
ZN/BUND	0.073

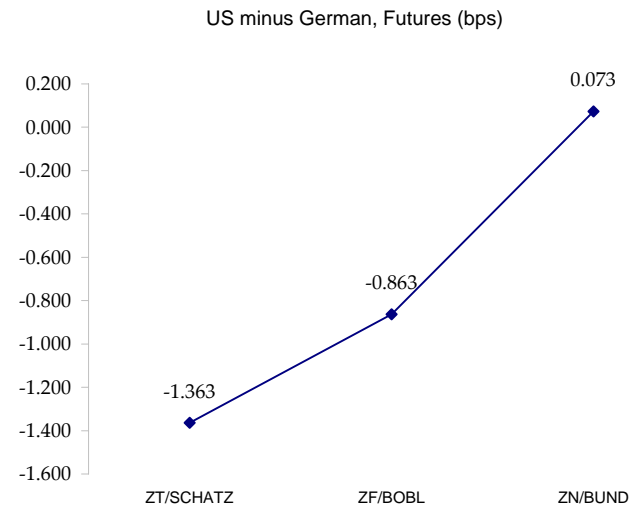
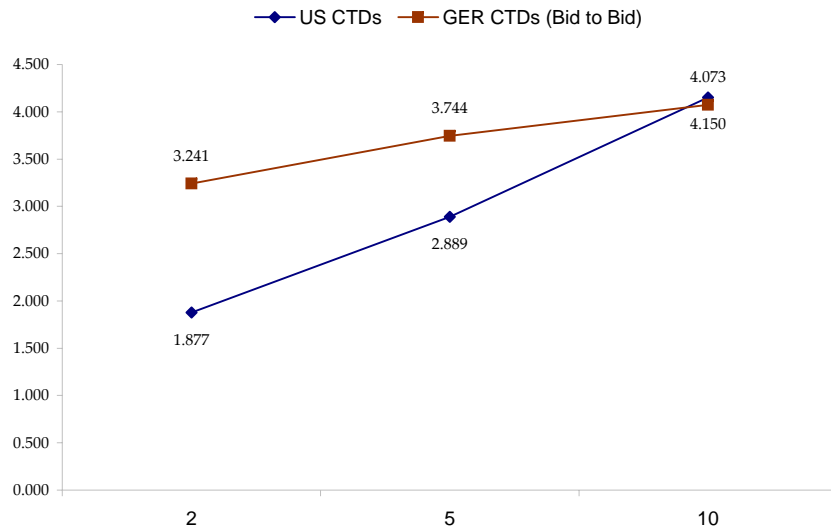
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
2.000 of 09/10	1.877	1.877	1.877
2.750 of 02/13	2.889	2.882	2.882
5.125 of 05/16	4.150	4.146	4.146

**German Futures (CTD)**

	Bid	Ask	Last
101.42 of 09/10	3.257	3.241	3.241
3.750 of 07/13	3.754	3.744	3.744
4.250 of 07/17	4.080	4.073	4.073

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





