

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	108.032	(0.002)	108.057	108.022	108.045	5,793	125,026	2y Futures	<b>US Futures Market</b>	
FVAZ8	115.217	0.010	115.265	115.195	115.225	13,662	252,147	5y Futures		
TYAZ8	115.205	0.065	115.240	115.120	115.185	34,817	459,728	10y Futures		
USAZ8	117.045	0.110	117.115	116.270	116.270	5,340	171,847	30y Futures		
		Last	Net	Hi	Low	Open		SYM NAME		
BUS02P	100.127	(0.7)	100.150	100.122	100.145	2y			<b>US Cash Treasury Market</b>	
BUS05P	101.102	(0.7)	101.132	101.077	101.125	5y				
BUS10P	102.195	1.5	102.210	102.150	102.195	10y				
BUS30P	105.130	10.5	105.150	105.085	105.150	30y				
		Last	Net	Hi	Low	Open		SYM NAME		
BUS02Y	1.291	1.50	1.311	1.251	1.299	2y Yield				
BUS05Y	2.461	0.60	2.486	2.43	2.461	5y Yield				
BUS10Y	3.675	0.20	3.705	3.662	3.688	10y Yield				
BUS30Y	4.180	(1.60)	4.211	4.162	4.195	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	106.20	(5.00)	106.24	106.13	106.21	140,636	735,137	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	113.24	(8.50)	113.31	113.07	113.28	121,124	541,011	Bobl(5Y)		
DBZ8	117.59	(0.10)	117.66	117.34	117.55	159,182	770,558	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	102.78	2.406	4/11/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	103.34	2.967	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	104.19	3.673	4.250	7/4/2017	10 yr CTD	
DEP2P*	102.81	2.406	4.000	9/10/2010	2yr OTR	
DEP5P*	103.34	2.967	3.750	7/4/2013	5yr OTR	
DEP10P*	104.40	3.697	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	106.19	106.20	106.20	106.24	106.13	-5.00	Schatz(2Y)	German Futures
DLZ8	113.24	113.24	113.24	113.31	113.07	-8.50	Bobl(5Y)	
DBZ8	117.58	117.59	117.59	117.66	117.34	-0.10	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	2.423	2.406	2.406	2.445	2.384		2 yr CTD	German Cash
T.US.DE036P0713**	2.976	2.967	2.967	3.003	2.955		5 yr CTD	
T.US.DE042P0718*	3.680	3.673	3.673	3.711	3.666		10 yr CTD	
DEP2P*	2.423	2.406	2.406	2.445	2.384	2	2yr OTR	
DEP5P*	2.976	2.967	2.967	3.003	2.955	-3	5yr OTR	
DEP10P*	3.703	3.697	3.697	3.723	3.685	2	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	102.78	102.78	102.78	102.78	102.78	103	2 yr CTD	German Cash
T.US.DE036P0713**	103.30	103.34	103.34	103.39	103.18	-3	5 yr CTD	
T.US.DE042P0718*	104.14	104.19	104.19	104.24	103.91	10	10 yr CTD	
DEP2P*	102.78	102.81	102.81	102.85	102.74	2	2yr OTR	
DEP5P*	103.30	103.34	103.34	103.39	103.18	-3	5yr OTR	
DEP10P*	104.35	104.40	104.40	104.50	104.19	2	10yr OTR	

Notes

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- 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	1.295	1.291	1.291
US5y	2.466	2.461	2.461
US10y	3.683	3.675	3.675

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	2.423	2.406	2.406
DE5y	2.976	2.967	2.967
DE10y	3.703	3.697	3.697

**Spreads (Bps)**

ZT/SCHATZ	-1.348
ZF/BOBL	-0.628
ZN/BUND	-0.100

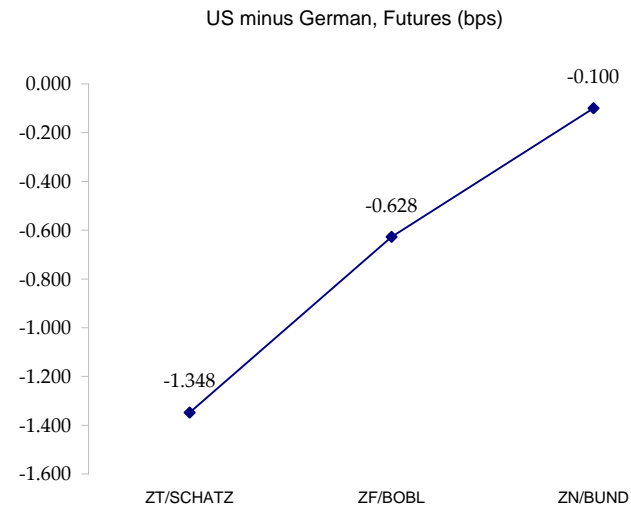
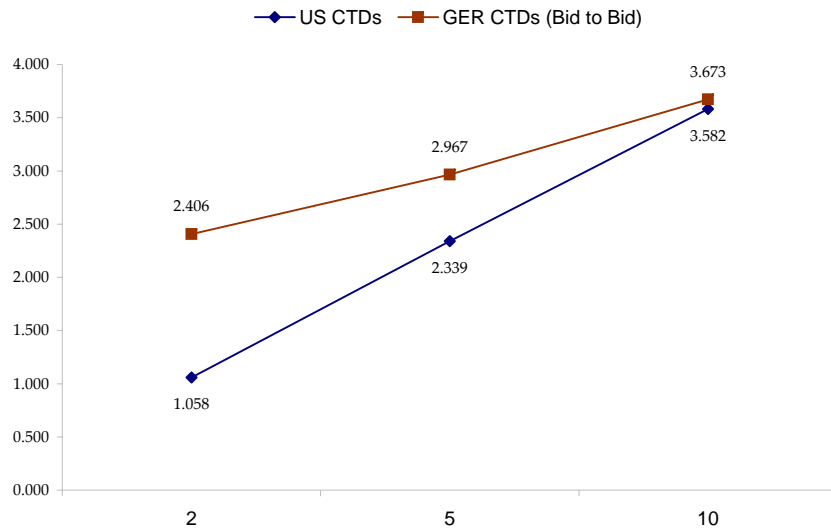
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.875 of 09/10	1.058	1.058	1.058
3.375 of 07/13	2.339	2.339	2.339
4.875 of 08/16	3.582	3.573	3.573

**German Futures (CTD)**

	Bid	Ask	Last
102.78 of 09/10	2.423	2.406	2.406
3.750 of 07/13	2.976	2.967	2.967
4.250 of 07/17	3.680	3.673	3.673

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





