

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	108.112	0.015	108.120	108.097	108.115	10,824	86,192	2y Futures	<b>US Futures Market</b>	
FVAZ8	117.025	0.067	117.027	116.300	116.312	14,871	201,119	5y Futures		
TYAZ8	117.245	0.100	117.255	117.180	117.195	38,660	365,896	10y Futures		
USAZ8	119.160	0.220	119.175	119.015	119.060	5,543	130,126	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.192	0.7	100.197	100.182	100.190	2y			<b>US Cash Treasury Market</b>	
BUS05P	102.087	0.2	102.100	102.062	102.080	5y				
BUS10P	100.300	1.5	100.310	100.245	100.275	10y				
BUS30P	105.215	8.0	105.190	105.095	105.100	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.183	(0.50)	1.22	1.171	1.212	2y Yield				
BUS05Y	2.259	0.20	2.287	2.249	2.287	5y Yield				
BUS10Y	3.633	(1.00)	3.667	3.632	3.667	10y Yield				
BUS30Y	4.165	(1.30)	4.187	4.157	4.185	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	106.65	1.00	106.70	106.63	106.66	191,419	355,314	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	113.97	0.00	114.08	113.92	114.03	120,970	289,904	Bobl(5Y)		
DBZ8	118.90	1.50	118.96	118.72	118.85	229,999	394,474	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	103.20	2.145	4/12/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	104.02	2.807	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	105.30	3.524	4.250	7/4/2017	10 yr CTD	
DEP2P*	103.24	2.145	4.000	9/10/2010	2yr OTR	
DEP5P*	104.02	2.807	3.750	7/4/2013	5yr OTR	
DEP10P*	105.42	3.572	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	106.65	106.65	106.65	106.70	106.63	1.00	Schatz(2Y)	German Futures
DLZ8	113.97	113.97	113.97	114.08	113.92	0.00	Bobl(5Y)	
DBZ8	118.89	118.90	118.90	118.96	118.72	1.50	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	2.161	2.145	2.145	2.178	2.111		2 yr CTD	German Cash
T.US.DE036P0713**	2.816	2.807	2.807	2.832	2.787		5 yr CTD	
T.US.DE042P0718*	3.531	3.524	3.524	3.556	3.517		10 yr CTD	
DEP2P*	2.161	2.145	2.145	2.178	2.111	3	2yr OTR	
DEP5P*	2.816	2.807	2.807	2.832	2.787	3	5yr OTR	
DEP10P*	3.578	3.572	3.572	3.604	3.565	13	10yr OTR	
		Decimal						
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	103.20	103.20	103.20	103.20	103.20	103	2 yr CTD	German Cash
T.US.DE036P0713**	103.98	104.02	104.02	104.11	103.91	3	5 yr CTD	
T.US.DE042P0718*	105.25	105.30	105.30	105.35	105.06	13	10 yr CTD	
DEP2P*	103.21	103.24	103.24	103.30	103.18	3	2yr OTR	
DEP5P*	103.98	104.02	104.02	104.11	103.91	3	5yr OTR	
DEP10P*	105.37	105.42	105.42	105.48	105.16	13	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	1.187	1.183	1.183
US5y	2.262	2.259	2.259
US10y	3.637	3.633	3.633

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	2.161	2.145	2.145
DE5y	2.816	2.807	2.807
DE10y	3.578	3.572	3.572

**Spreads (Bps)**

ZT/SCHATZ	-1.149
ZF/BOBL	-0.741
ZN/BUND	-0.265

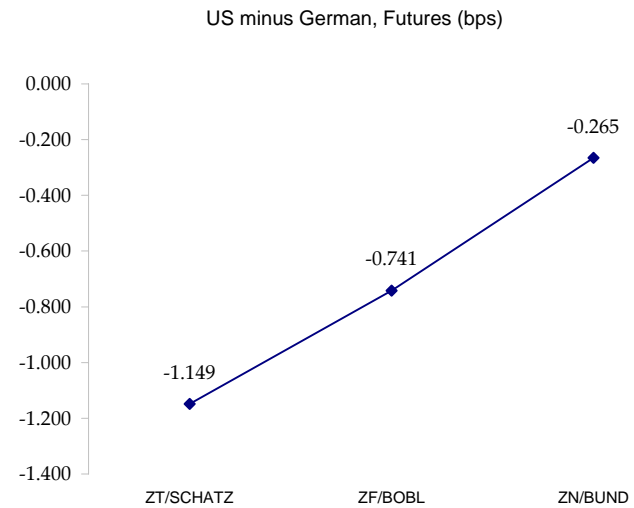
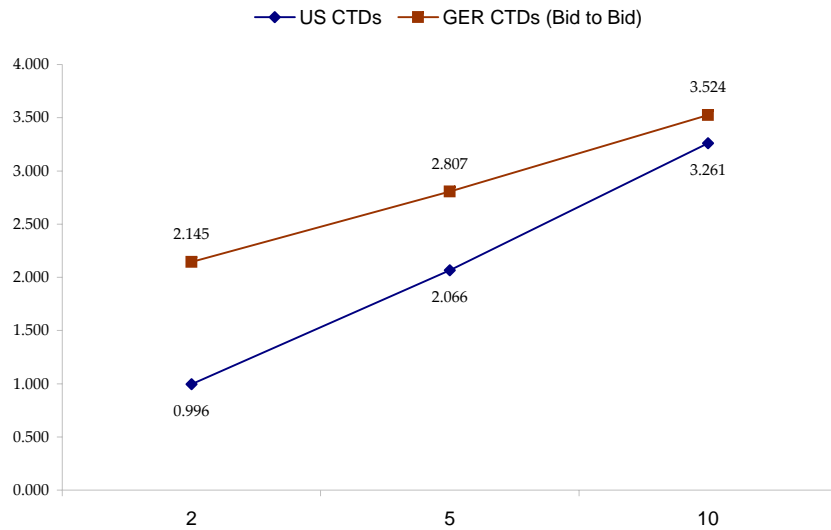
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.875 of 09/10	0.996	0.996	0.996
3.375 of 06/13	2.066	2.066	2.066
4.875 of 08/16	3.261	3.259	3.259

**German Futures (CTD)**

	Bid	Ask	Last
103.2 of 09/10	2.161	2.145	2.145
3.750 of 07/13	2.816	2.807	2.807
4.250 of 07/17	3.531	3.524	3.524

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







