

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	107.132	0.002	107.157	107.117	107.140	7,807	199,942	2y Futures	<b>US Futures Market</b>	
FVAZ8	113.087	0.002	113.122	113.020	113.090	12,071	369,255	5y Futures		
TYAZ8	113.090	0.065	113.100	112.275	113.035	29,131	578,253	10y Futures		
USAZ8	112.305	(0.050)	113.080	112.195	113.045	7,761	208,059	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	99.267	(1.7)	99.285	99.265	99.285	2y			<b>US Cash Treasury Market</b>	
BUS05P	99.220	(0.5)	99.237	99.195	99.225	5y				
BUS10P	100.115	4.0	100.130	100.050	100.080	10y				
BUS30P	102.050	3.5	102.100	102.015	102.025	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.573	2.40	1.597	1.533	1.585	2y Yield				
BUS05Y	2.811	0.70	2.838	2.803	2.808	5y Yield				
BUS10Y	3.953	(1.70)	3.986	3.943	3.957	10y Yield				
BUS30Y	4.365	(0.50)	4.378	4.354	4.368	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	105.97	0.50	106.01	105.90	106.00	157,858	466,871	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	112.45	19.50	112.46	112.21	112.32	126,321	499,861	Bobl(5Y)		
DBZ8	116.51	5.90	116.55	115.96	116.04	192,528	866,652	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	102.56	2.536	4/11/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	102.64	3.129	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	103.22	3.804	4.250	7/4/2017	10 yr CTD	
DEP2P*	102.60	2.536	4.000	9/10/2010	2yr OTR	
DEP5P*	102.64	3.129	3.750	7/4/2013	5yr OTR	
DEP10P*	103.25	3.839	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				SYM NAME	
	Bid	Ask	Last	Hi	Low	Chng		
DGZ8	105.97	105.97	105.97	106.01	105.90	0.50	Schatz(2Y)	German Futures
DLZ8	112.44	112.45	112.45	112.46	112.21	19.50	Bobl(5Y)	
DBZ8	116.50	116.51	116.51	116.55	115.96	5.90	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	2.552	2.536	2.536	2.596	2.525		2 yr CTD	German Cash
T.US.DE036P0713**	3.139	3.129	3.129	3.192	3.127		5 yr CTD	
T.US.DE042P0718*	3.811	3.804	3.804	3.877	3.795		10 yr CTD	
DEP2P*	2.552	2.536	2.536	2.596	2.525	0	2yr OTR	
DEP5P*	3.139	3.129	3.129	3.192	3.127	15	5yr OTR	
DEP10P*	3.845	3.839	3.839	3.918	3.838	41	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	102.56	102.56	102.56	102.56	102.56	103	2 yr CTD	German Cash
T.US.DE036P0713**	102.60	102.64	102.64	102.65	102.37	15	5 yr CTD	
T.US.DE042P0718*	103.17	103.22	103.22	103.29	102.68	34	10 yr CTD	
DEP2P*	102.57	102.60	102.60	102.62	102.49	0	2yr OTR	
DEP5P*	102.60	102.64	102.64	102.65	102.37	15	5yr OTR	
DEP10P*	103.20	103.25	103.25	103.26	102.61	41	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	1.585	1.573	1.573
US5y	2.818	2.811	2.811
US10y	3.955	3.953	3.953

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	2.552	2.536	2.536
DE5y	3.139	3.129	3.129
DE10y	3.845	3.839	3.839

**Spreads (Bps)**

ZT/SCHATZ	-1.059
ZF/BOBL	-0.535
ZN/BUND	0.073

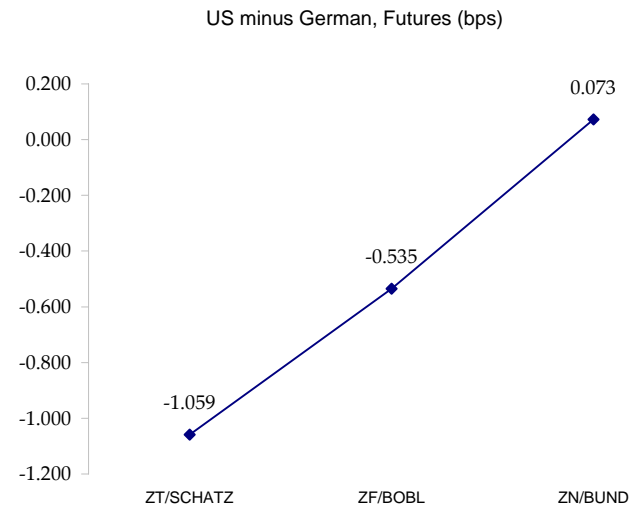
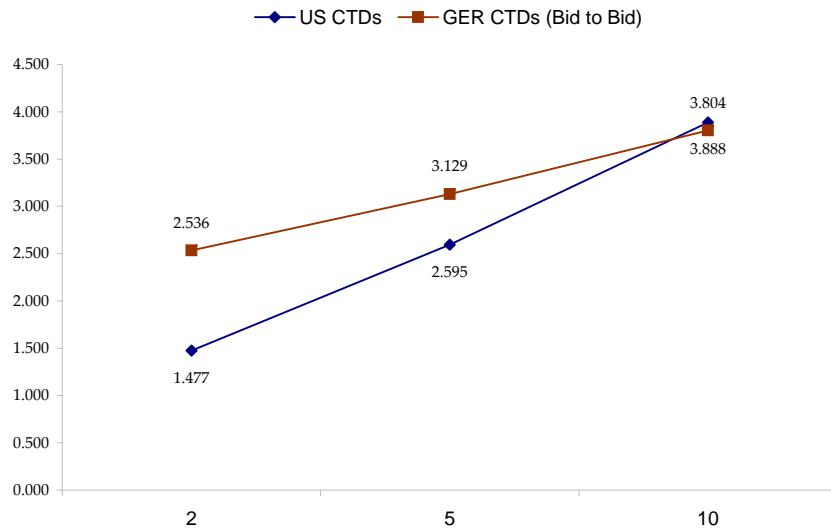
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
2.000 of 09/10	1.477	1.477	1.477
3.500 of 05/13	2.595	2.595	2.595
4.875 of 08/16	3.888	3.877	3.877

**German Futures (CTD)**

	Bid	Ask	Last
102.56 of 09/10	2.552	2.536	2.536
3.750 of 07/13	3.139	3.129	3.129
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





