

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	107.107	(0.050)	107.177	107.065	107.140	50,849	548,236	2y Futures	<b>US Futures Market</b>	
FVAZ8	114.082	(0.042)	114.170	114.010	114.110	74,934	863,467	5y Futures		
TYAZ8	118.105	(0.080)	118.245	118.020	118.155	96,276	1,128,128	10y Futures		
USAZ8	121.260	(0.035)	122.100	121.185	121.305	22,584	411,221	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	101.092	(3.2)	101.155	101.042	101.132	2y			<b>US Cash Treasury Market</b>	
BUS05P	102.260	1.7	103.020	102.187	102.255	5y				
BUS10P	104.240	(2.5)	105.055	104.190	104.275	10y				
BUS30P	107.010	6.5	107.150	106.220	107.070	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.692	4.80	1.789	1.59	1.663	2y Yield				
BUS05Y	2.517	(0.40)	2.569	2.459	2.53	5y Yield				
BUS10Y	3.430	0.90	3.452	3.377	3.423	10y Yield				
BUS30Y	4.085	(0.40)	4.113	4.055	4.079	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	104.17	(8.50)	104.39	104.10	104.29	382,371	957,361	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	109.84	(25.00)	110.17	109.70	110.01	304,765	808,732	Bobl(5Y)		
DBZ8	115.33	(2.90)	115.58	115.01	115.45	390,251	1,280,427	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE024P1010**	97.86	3.658	4/6/1900	10/8/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	100.01	3.745	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	102.03	3.970	4.250	7/4/2017	10 yr CTD	
DEP2P*	101.52	3.808	4.750	6/11/2010	2yr OTR	
DEP5P*	98.90	3.764	3.500	4/12/2013	5yr OTR	
DEP10P*	101.85	4.016	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	104.17	104.17	104.17	104.39	104.10	-8.50	Schatz(2Y)	German Futures
DLZ8	109.83	109.84	109.84	110.17	109.70	-25.00	Bobl(5Y)	
DBZ8	115.34	115.35	115.33	115.58	115.01	-2.90	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE024P1010**	3.673	3.658	3.658	3.710	3.558		2 yr CTD	German Cash
T.US.DE036P0713**	3.754	3.745	3.745	3.789	3.671		5 yr CTD	
T.US.DE042P0718*	3.976	3.970	3.970	4.020	3.940		10 yr CTD	
DEP2P*	3.826	3.808	3.808	3.850	3.699	-5	2yr OTR	
DEP5P*	3.773	3.764	3.764	3.808	3.693	-8	5yr OTR	
DEP10P*	4.022	4.016	4.016	4.062	3.980	-18	10yr OTR	
		Decimal						
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE024P1010**	97.86	97.86	97.86	97.86	97.86	98	2 yr CTD	German Cash
T.US.DE036P0713**	99.97	100.01	100.01	100.33	99.82	-6	5 yr CTD	
T.US.DE042P0718*	101.98	102.03	102.03	102.25	101.66	-10	10 yr CTD	
DEP2P*	101.49	101.52	101.52	101.70	101.45	-5	2yr OTR	
DEP5P*	98.86	98.90	98.90	99.19	98.72	-8	5yr OTR	
DEP10P*	101.80	101.85	101.85	102.14	101.48	-18	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	1.700	1.692	1.692
US5y	2.517	2.512	2.517
US10y	3.430	3.426	3.430

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	3.826	3.808	3.808
DE5y	3.773	3.764	3.764
DE10y	4.022	4.016	4.016

**Spreads (Bps)**

ZT/SCHATZ	-2.087
ZF/BOBL	-1.337
ZN/BUND	-0.827

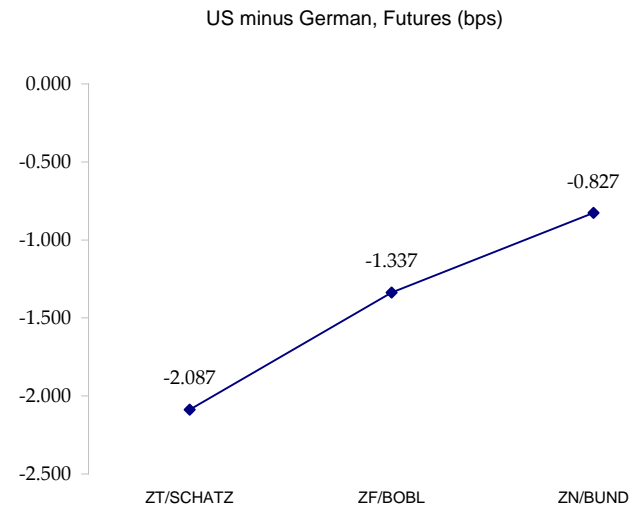
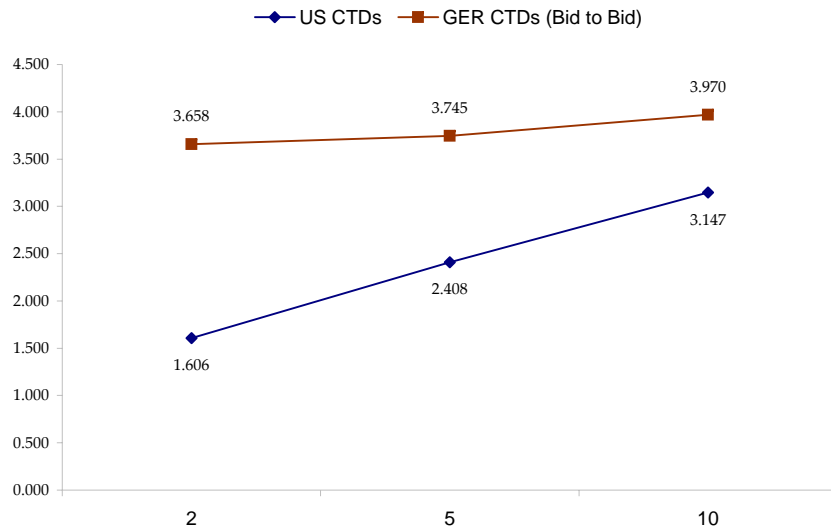
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.875 of 09/10	1.606	1.571	1.571
2.750 of 02/13	2.408	2.393	2.408
5.125 of 05/16	3.147	3.143	3.143

**German Futures (CTD)**

	Bid	Ask	Last
97.86 of 10/10	3.673	3.658	3.658
3.750 of 07/13	3.754	3.745	3.745
4.250 of 07/17	3.976	3.970	3.970

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





