

## The Morning Email: US & Germany

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Want something added? Let me know: [jgoulding@ghco.com](mailto:jgoulding@ghco.com)

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAZ8	108.090	(0.010)	108.097	108.070	108.077	9,321	140,893	2y Futures	<b>US Futures Market</b>	
FVAZ8	116.085	(0.027)	116.092	116.040	116.077	15,667	323,426	5y Futures		
TYAZ8	116.125	(0.005)	116.145	116.035	116.040	37,621	594,517	10y Futures		
USAZ8	117.005	0.000	117.010	116.160	116.190	6,808	239,000	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.172	1.0	100.175	100.155	100.165	2y			<b>US Cash Treasury Market</b>	
BUS05P	101.192	1.5	101.200	101.157	101.180	5y				
BUS10P	99.165	10.5	99.175	99.085	99.110	10y				
BUS30P	102.260	13.0	102.310	102.200	102.240	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	1.216	(1.00)	1.257	1.208	1.245	2y Yield				
BUS05Y	2.402	(0.70)	2.46	2.394	2.46	5y Yield				
BUS10Y	3.807	(3.80)	3.849	3.801	3.849	10y Yield				
BUS30Y	4.321	(3.30)	4.36	4.319	4.36	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGZ8	106.42	1.50	106.46	106.34	106.43	157,173	414,966	Schatz(2Y)	<b>German Futures Markets</b>	
DLZ8	113.65	3.50	113.73	113.46	113.72	118,199	413,387	Bobl(5Y)		
DBZ8	118.08	0.20	118.24	117.78	118.15	228,563	646,904	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE040P0910***	102.98	2.273	4/11/1900	9/10/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE036P0713**	103.72	2.877	3.750	7/4/2013	5 yr CTD	
T.US.DE042P0718*	104.61	3.616	4.250	7/4/2017	10 yr CTD	
DEP2P*	103.02	2.273	4.000	9/10/2010	2yr OTR	
DEP5P*	103.72	2.877	3.750	7/4/2013	5yr OTR	
DEP10P*	104.62	3.669	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	106.41	106.42	106.42	106.46	106.34	1.50	Schatz(2Y)	German Futures
DLZ8	113.65	113.66	113.65	113.73	113.46	3.50	Bobl(5Y)	
DBZ8	118.07	118.08	118.08	118.24	117.78	0.20	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE040P0910***	2.289	2.273	2.273	2.334	2.261		2 yr CTD	German Cash
T.US.DE036P0713**	2.886	2.877	2.877	2.929	2.858		5 yr CTD	
T.US.DE042P0718*	3.623	3.616	3.616	3.663	3.599		10 yr CTD	
DEP2P*	2.289	2.273	2.273	2.334	2.261	-4	2yr OTR	
DEP5P*	2.886	2.877	2.877	2.929	2.858	-13	5yr OTR	
DEP10P*	3.675	3.669	3.669	3.712	3.647	-30	10yr OTR	
		Decimal						
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE040P0910***	102.98	102.98	102.98	102.98	102.98	103	2 yr CTD	German Cash
T.US.DE036P0713**	103.68	103.72	103.72	103.80	103.49	-13	5 yr CTD	
T.US.DE042P0718*	104.56	104.61	104.61	104.74	104.26	-26	10 yr CTD	
DEP2P*	102.99	103.02	103.02	103.04	102.91	-4	2yr OTR	
DEP5P*	103.68	103.72	103.72	103.80	103.49	-13	5yr OTR	
DEP10P*	104.57	104.62	104.62	104.80	104.27	-30	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)	1.50	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	1.220	1.216	1.216
US5y	2.405	2.402	2.402
US10y	3.809	3.807	3.807

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	2.289	2.273	2.273
DE5y	2.886	2.877	2.877
DE10y	3.675	3.669	3.669

**Spreads (Bps)**

ZT/SCHATZ	-1.272
ZF/BOBL	-0.660
ZN/BUND	-0.090

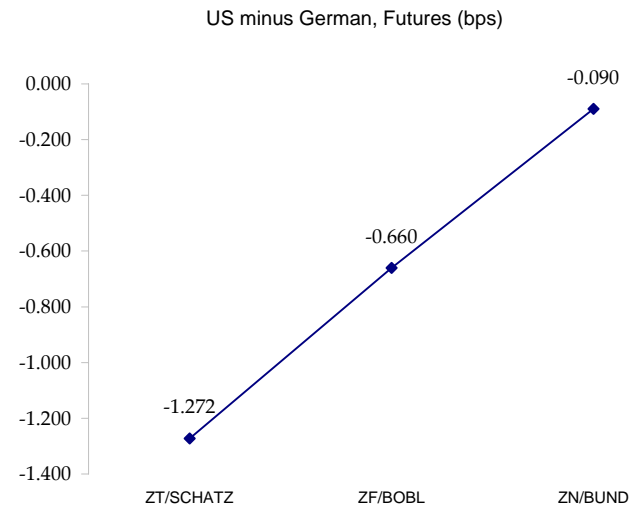
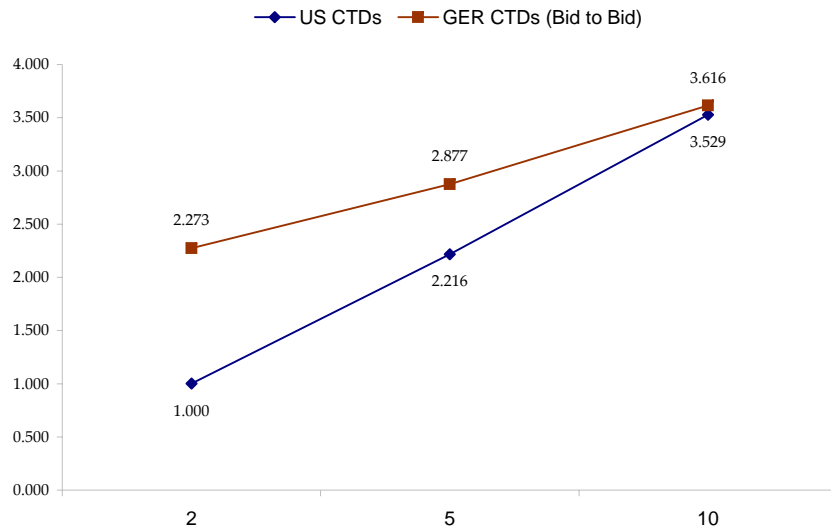
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.875 of 09/10	1.000	1.000	1.000
3.375 of 06/13	2.216	2.216	2.216
4.875 of 08/16	3.529	3.526	3.526

**German Futures (CTD)**

	Bid	Ask	Last
102.98 of 09/10	2.289	2.273	2.273
3.750 of 07/13	2.886	2.877	2.877
4.250 of 07/17	3.623	3.616	3.616

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





