

## 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	
TUAU8	106.150	0.025	106.152	106.122	106.122	36,771	204,098	2y Futures	<b>US Futures Market</b>
FVAU8	112.170	0.060	112.175	112.102	112.105	45,745	309,965	5y Futures	
TYAU8	116.190	0.070	116.205	116.115	116.120	73,724	449,659	10y Futures	
USAU8	118.040	0.065	118.055	117.285	117.295	13,166	145,799	30y Futures	
		Last	Net	Hi	Low	Open		SYM NAME	
BUS02P	100.275	2.5	100.277	100.260	100.260			2y	<b>US Cash Treasury Market</b>
BUS05P	101.185	5.2	101.190	101.140	101.145			5y	
BUS10P	101.220	5.0	101.230	101.170	101.185			10y	
BUS30P	101.045	3.0	101.055	101.005	101.030			30y	
		Last	Net	Hi	Low	Open		SYM NAME	
BUS02Y	2.292	(3.80)	2.345	2.284	2.345			2y Yield	<b>US Cash Treasury Market</b>
BUS05Y	3.027	(3.40)	3.068	3.022	3.068			5y Yield	
BUS10Y	3.793	(1.60)	3.818	3.788	3.816			10y Yield	
BUS30Y	4.428	(1.00)	4.443	4.426	4.44			30y Yield	



		Decimal							
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME	
DGU8	103.52	9.50	103.53	103.39	103.40	197,466	237,719	Schatz(2Y)	<b>German Futures Markets</b>
DLU8	108.98	21.50	109.00	108.73	108.76	221,828	297,784	Bobl(5Y)	
DBU8	114.71	2.60	114.75	114.47	114.48	253,508	472,308	Bund(10Y)	

	Price	Yield			
	Last	Last	Coupon	Maturity	SYM NAME
T.US.DE046P0610***	101.22	3.911	4.750	6/11/2010	2 yr CTD
T.US.DE034P0413***	98.24	3.909	3.500	4/12/2013	5 yr CTD
T.US.DE042P0717***	101.22	4.075	4.250	7/4/2017	10 yr CTD
DEP2P*	101.42	3.911	4.750	6/11/2010	2yr OTR
DEP5P*	98.28	3.909	3.500	4/12/2013	5yr OTR
DEP10P*	101.10	4.111	4.250	7/4/2018	10yr OTR

**German  
Cash  
Treasury  
Market**

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		
DGU8	103.51	103.52	103.52	103.53	103.39	9.50	Schatz(2Y)	German Futures
DLU8	108.98	108.99	108.98	109.00	108.73	21.50	Bobl(5Y)	
DBU8	114.71	114.72	114.71	114.75	114.47	2.60	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	German Futures
DGU8	4.135	4.133	4.133	4.200	4.125		Schatz(2Y)	
DLU8	3.984	3.983	3.984	4.037	3.980		Bobl(5Y)	
DBU8	4.171	4.170	4.171	4.198	4.166		Bund(10Y)	German Cash
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE046P0610***	3.928	3.911	3.911	3.997	3.905		2 yr CTD	
T.US.DE034P0413***	3.919	3.909	3.909	3.979	3.904		5 yr CTD	
T.US.DE042P0717***	4.082	4.075	4.075	4.113	4.070		10 yr CTD	
DEP2P*	3.928	3.911	3.911	3.997	3.905	12	2yr OTR	
DEP5P*	3.919	3.909	3.909	3.979	3.904	21	5yr OTR	
DEP10P*	4.117	4.111	4.111	4.145	4.105	20	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	German Cash
T.US.DE046P0610***	101.22	101.27	101.27	101.31	100.99	21	2 yr CTD	
T.US.DE034P0413***	98.24	98.28	98.28	98.30	97.99	21	5 yr CTD	
T.US.DE042P0717***	101.22	101.27	101.27	101.31	100.99	21	10 yr CTD	
DEP2P*	101.39	101.42	101.42	101.43	101.27	12	2yr OTR	
DEP5P*	98.24	98.28	98.28	98.30	97.99	21	5yr OTR	
DEP10P*	101.05	101.10	101.10	101.15	100.83	20	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)	1.66	2.77	3.18
Bobl (U)	0.95	1.55	2.00
Shatz (U)	0.43	0.60	0.69

US Treasuries v Eurex Bonds			
	2y	5y	10y
Bund (U)	1.5	3.7	6.6
Bobl (U)	2.8	6.7	12.0
Shatz (U)	7.2	17.1	30.7

	Bund (U)	Bobl (U)	Shatz (U)
Bund (U)		1.82	4.64
Bobl (U)	0.55		2.56
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	2.296	2.292	2.292
US5y	3.029	3.027	3.027
US10y	3.795	3.793	3.793

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	3.928	3.911	3.911
DE5y	3.919	3.909	3.909
DE10y	4.117	4.111	4.111

**Spreads (Bps)**

ZT/SCHATZ	-1.763
ZF/BOBL	-1.033
ZN/BUND	-0.517

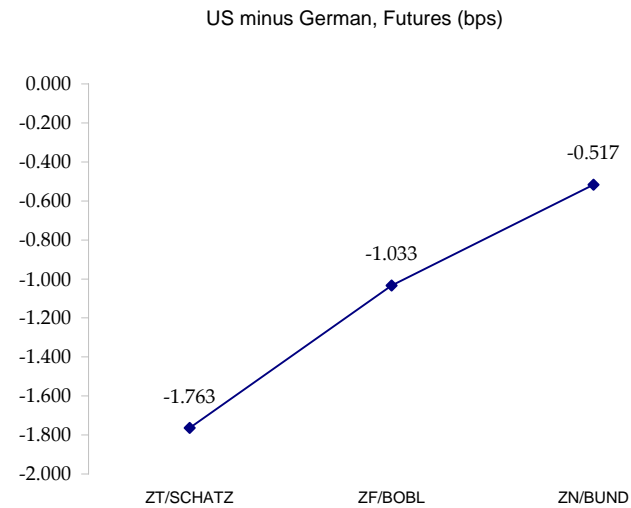
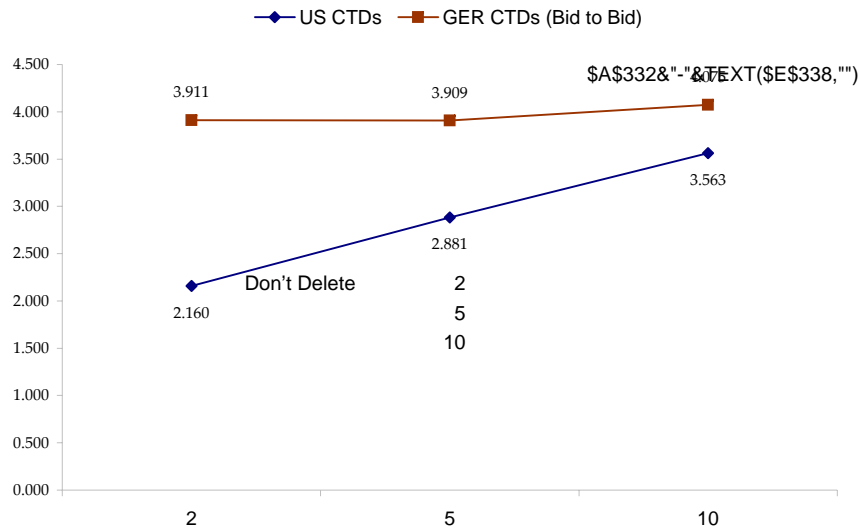
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.625 of 06/10	2.160	2.147	2.147
3.375 of 11/12	2.881	2.876	2.876
4.875 of 08/16	3.563	3.559	3.559

**German Futures (CTD)**

	Bid	Ask	Last
4.750 of 06/10	3.928	3.911	3.911
3.500 of 04/13	3.919	3.909	3.909
4.250 of 07/17	4.082	4.075	4.075

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







