

## The Morning Email: US & Germany

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Quotes 1



		32 nds								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
TUAU8	106.032	0.020	106.047	106.015	106.017	21,194	276,646	2y Futures	<b>US Futures Market</b>	
FVAU8	111.240	0.050	111.267	111.202	111.215	31,277	526,167	5y Futures		
TYAU8	115.160	0.065	115.200	115.125	115.145	55,152	749,973	10y Futures		
USAU8	116.180	0.065	116.230	116.150	116.190	13,853	235,631	30y Futures		
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02P	100.167	2.0	100.185	100.150	100.150	2y			<b>US Cash Treasury Market</b>	
BUS05P	100.277	2.7	100.305	100.255	100.267	5y				
BUS10P	100.175	1.5	100.220	100.155	100.185	10y				
BUS30P	99.080	(2.0)	99.145	99.050	99.050	30y				
	Last	Net	Hi	Low	Open	SYM NAME				
BUS02Y	2.472	(2.90)	2.513	2.444	2.513	2y Yield				
BUS05Y	3.182	(1.80)	3.204	3.163	3.202	5y Yield				
BUS10Y	3.931	(0.40)	3.945	3.912	3.939	10y Yield				
BUS30Y	4.543	0.50	4.554	4.526	4.543	30y Yield				



		Decimal								
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME		
DGU8	103.26	(1.50)	103.31	103.24	103.28	118,462	524,046	Schatz(2Y)	<b>German Futures Markets</b>	
DLU8	108.24	(5.00)	108.35	108.19	108.30	112,378	580,986	Bobl(5Y)		
DBU8	113.59	0.50	113.68	113.48	113.57	145,326	755,888	Bund(10Y)		

	Price	Yield				
	Last	Last	Coupon	Maturity	SYM NAME	
T.US.DE046P0610***	100.24	4.064	4.750	6/11/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE034P0413***	97.54	4.077	3.500	4/12/2013	5 yr CTD	
T.US.DE042P0717***	100.24	4.209	4.250	7/4/2017	10 yr CTD	
DEP2P*	101.17	4.064	4.750	6/11/2010	2yr OTR	
DEP5P*	97.58	4.077	3.500	4/12/2013	5yr OTR	
DEP10P*	99.97	4.253	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	
DGU8	103.26	103.27	103.26	103.31	103.24	-1.50	Schatz(2Y)	German Futures
DLU8	108.24	108.24	108.24	108.35	108.19	-5.00	Bobl(5Y)	
DBU8	113.59	113.60	113.59	113.68	113.48	0.50	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
DGU8	4.268	4.262	4.268	4.278	4.239		Schatz(2Y)	German Futures
DLU8	4.143	4.142	4.143	4.153	4.119		Bobl(5Y)	
DBU8	4.299	4.298	4.299	4.312	4.289		Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo		SYM NAME	
T.US.DE046P0610***	4.081	4.064	4.064	4.098	4.024		2 yr CTD	German Cash
T.US.DE034P0413***	4.087	4.077	4.077	4.101	4.055		5 yr CTD	
T.US.DE042P0717***	4.216	4.209	4.209	4.232	4.197		10 yr CTD	
DEP2P*	4.081	4.064	4.064	4.098	4.024	-5	2yr OTR	
DEP5P*	4.087	4.077	4.077	4.101	4.055	-5	5yr OTR	
DEP10P*	4.259	4.253	4.253	4.274	4.243	0	10yr OTR	
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE046P0610***	100.24	100.29	100.29	100.38	100.12	-1	2 yr CTD	German Cash
T.US.DE034P0413***	97.54	97.58	97.58	97.67	97.48	-5	5 yr CTD	
T.US.DE042P0717***	100.24	100.29	100.29	100.38	100.12	-1	10 yr CTD	
DEP2P*	101.14	101.17	101.17	101.24	101.11	-5	2yr OTR	
DEP5P*	97.54	97.58	97.58	97.67	97.48	-5	5yr OTR	
DEP10P*	99.92	99.97	99.97	100.05	99.80	0	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)	1.68	2.90	3.50
Bobl (U)	0.95	1.55	2.00
Shatz (U)	0.43	0.70	0.80

US Treasuries v Eurex Bonds			
	2y	5y	10y
Bund (U)	1.5	3.6	6.3
Bobl (U)	2.7	6.3	11.2
Shatz (U)	6.6	15.3	27.1

	Bund (U)	Bobl (U)	Shatz (U)
Bund (U)		1.78	4.32
Bobl (U)	0.56		2.42
Shatz (U)	0.23	0.41	

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	2.476	2.472	2.472
US5y	3.185	3.182	3.182
US10y	3.933	3.931	3.931

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	4.081	4.064	4.064
DE5y	4.087	4.077	4.077
DE10y	4.259	4.253	4.253

**Spreads (Bps)**

ZT/SCHATZ	-1.715
ZF/BOBL	-1.023
ZN/BUND	-0.522

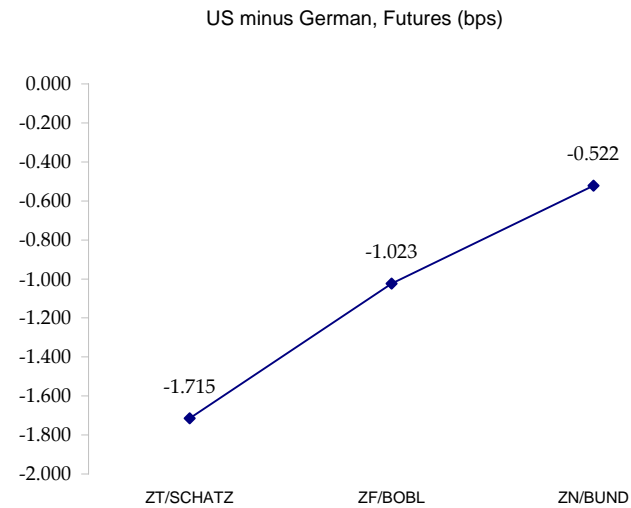
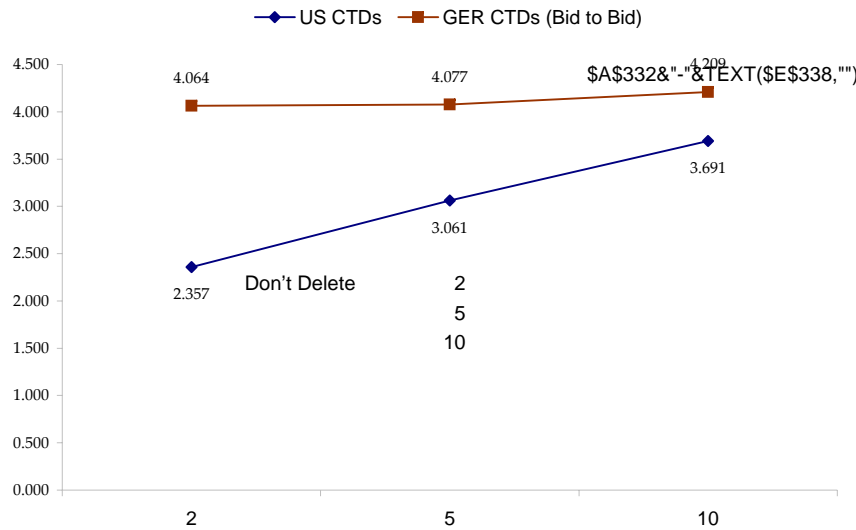
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
3.625 of 06/10	2.357	2.349	2.349
3.375 of 11/12	3.061	3.054	3.054
4.875 of 08/16	3.691	3.687	3.687

**German Futures (CTD)**

	Bid	Ask	Last
4.750 of 06/10	4.081	4.064	4.064
3.500 of 04/13	4.087	4.077	4.077
4.250 of 07/17	4.216	4.209	4.209

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







