

## The Morning Email: US & Germany

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Quotes 1



	32 nds					Volume	Yest Volume	SYM NAME		
	Last	Net	Hi	Low	Open					
TUAM8	106.115	(0.050)	106.200	106.102	106.175	47,520	335,232	2y Futures	<b>US Futures Market</b>	
FVAM8	112.047	(0.102)	112.217	112.042	112.177	63,889	640,146	5y Futures		
TYAM8	115.290	(0.145)	116.180	115.285	116.130	112,141	912,704	10y Futures		
USAM8	116.055	(0.170)	117.005	116.050	116.230	20,044	257,249	30y Futures		
	Last	Net	Hi	Low	Open	Volume				
BUS02P	99.062	(4.7)	99.140	99.055	99.115	2y				<b>US Cash Treasury Market</b>
BUS05P	97.275	(12.5)	98.120	97.277	98.077	5y				
BUS10P	97.255	(12.5)	98.125	97.250	98.060	10y				
BUS30P	97.020	(12.0)	97.260	97.000	97.240	30y				
	Last	Net	Hi	Low	Open	Volume				
BUS02Y	2.176	8.40	2.192	2.043	2.122	2y Yield				
BUS05Y	2.966	8.40	2.971	2.848	2.9	5y Yield				
BUS10Y	3.766	4.80	3.774	3.695	3.733	10y Yield				
BUS30Y	4.549	2.50	4.562	4.506	4.519	30y Yield				



	Decimal					Volume	Yest Volume	SYM NAME	
	Last	Net	Hi	Low	Open				
DGM8	103.85	(9.50)	103.96	103.85	103.94	266,245	690,124	Schatz(2Y)	<b>German Futures Markets</b>
DLM8	108.91	(19.50)	109.15	108.89	109.10	207,107	829,790	Bobl(5Y)	
DBM8	114.26	(1.90)	114.50	114.22	114.42	369,416	1,253,257	Bund(10Y)	

	Price	Yield			SYM NAME	
	Last	Last	Coupon	Maturity		
T.US.DE030P0310***	98.65	3.735	3.000	3/12/2010	2 yr CTD	<b>German Cash Treasury Market</b>
T.US.DE044P0113**	102.53	3.887	4.500	1/4/2013	5 yr CTD	
T.US.DE036P0117**	97.33	4.112	3.750	1/4/2017	10 yr CTD	
DEP2P*	98.68	3.735	3.000	3/12/2010	2yr OTR	
DEP5P*	98.46	3.846	3.500	4/12/2013	5yr OTR	
DEP10P*	99.19	4.101	4.000	1/4/2018	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	
DGM8	103.85	103.85	103.85	103.96	103.85	-9.50	Schatz(2Y)	German Futures
DLM8	108.91	108.91	108.91	109.15	108.89	-19.50	Bobl(5Y)	
DBM8	114.25	114.26	114.26	114.50	114.22	-1.90	Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo			
DGM8	3.962	3.960	3.962	3.962	3.906		Schatz(2Y)	German Futures
DLM8	4.000	3.999	4.000	4.003	3.949		Bobl(5Y)	
DBM8	4.224	4.222	4.224	4.227	4.195		Bund(10Y)	
	Y Bid	Y Ask	Y Last	Y Hi	Y Lo	Chng		
T.US.DE030P0310***	3.752	3.735	3.735	3.763	3.690		2 yr CTD	German Cash
T.US.DE044P0113**	3.896	3.887	3.887	3.898	3.835		5 yr CTD	
T.US.DE036P0117**	4.119	4.112	4.112	4.125	4.080		10 yr CTD	
DEP2P*	3.752	3.735	3.735	3.763	3.690	-10	2yr OTR	
DEP5P*	3.855	3.846	3.846	3.860	3.796	-24	5yr OTR	
DEP10P*	4.107	4.101	4.101	4.112	4.071	-27	10yr OTR	
Decimal								
	Bid	Ask	Last	Hi	Low	Chng	SYM NAME	
T.US.DE030P0310***	98.65	98.68	98.68	98.76	98.63	-10	2 yr CTD	German Cash
T.US.DE044P0113**	102.53	102.57	102.57	102.79	102.52	-24	5 yr CTD	
T.US.DE036P0117**	97.33	97.38	97.38	97.61	97.29	-26	10 yr CTD	
DEP2P*	98.65	98.68	98.68	98.76	98.63	-10	2yr OTR	
DEP5P*	98.42	98.46	98.46	98.68	98.40	-24	5yr OTR	
DEP10P*	99.14	99.19	99.19	99.42	99.10	-27	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 (M)	1.65	2.80	3.24
Bobl (M)	0.91	1.59	1.79
Shatz (M)	0.37	0.65	0.75

US Treasuries v Eurex Bonds			
	2y	5y	10y
Bund (M)	1.5	3.5	6.2
Bobl (M)	2.6	6.3	11.3
Shatz (M)	6.4	15.4	27.6

	Bund (M)	Bobl (M)	Shatz (M)
Bund (M)		1.81	4.42
Bobl (M)	0.55		2.44
Shatz (M)	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	2.180	2.176	2.176
US5y	2.969	2.966	2.966
US10y	3.770	3.766	3.766

**German Cash Treasuries (OTR)**

	Bid	Ask	Last
DE2y	3.752	3.735	3.735
DE5y	3.855	3.846	3.846
DE10y	4.107	4.101	4.101

**Spreads (Bps)**

ZT/SCHATZ	-1.632
ZF/BOBL	-1.000
ZN/BUND	-0.852

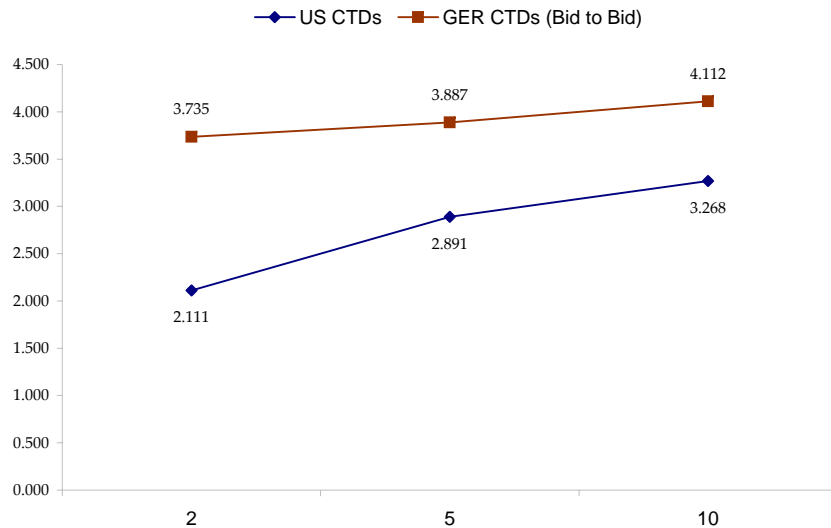
**US Cash Treasuries (CTD)**

	Bid	Ask	Last
4.000 of 03/10	2.111	2.103	2.103
4.125 of 08/12	2.891	2.887	2.887
4.000 of 02/15	3.268	3.260	3.260

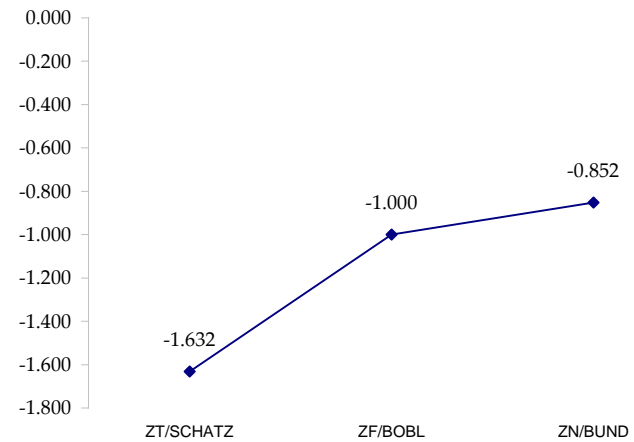
**German Futures (CTD)**

	Bid	Ask	Last
3.000 of 03/10	3.752	3.735	3.735
4.500 of 01/13	3.896	3.887	3.887
3.750 of 01/17	4.119	4.112	4.112

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.



US minus German, Futures (bps)



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







