

## 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	
TUAM8	106.245	(0.007)	106.290	106.240	106.250	26,706	177,751	2y Futures	
FVAM8	113.100	(0.035)	113.190	113.092	113.095	63,395	347,337	5y Futures	
TYAM8	118.050	(0.020)	118.140	117.300	117.310	93,151	550,131	10y Futures	
USAM8	118.130	(0.120)	118.210	118.050	118.055	28,074	203,188	30y Futures	
	Last	Net	Hi	Low	Open	Volume			
BUS02P	100.122	1.0	100.150	100.122	100.125	2y		US Cash Treasury Market	
BUS05P	100.200	1.2	100.260	100.202	100.210	5y			
BUS10P	99.250	7.5	100.035	99.205	99.205	10y			
BUS30P	100.150	9.5	100.310	100.170	100.195	30y			
	Last	Net	Hi	Low	Open	Volume			
BUS02Y	1.794	(1.60)	1.827	1.748	1.827	2y Yield		US Cash Treasury Market	
BUS05Y	2.611	(0.80)	2.631	2.57	2.631	5y Yield			
BUS10Y	3.524	(2.30)	3.556	3.483	3.556	10y Yield			
BUS30Y	4.341	(2.20)	4.356	4.311	4.349	30y Yield			



Decimal									
	Last	Net	Hi	Low	Open	Volume	Yest Volume	SYM NAME	
DGM8	104.43	(35.00)	104.62	104.39	104.62	280,686	707,747	Schatz(2Y)	
DLM8	110.24	(73.00)	110.70	110.23	110.70	252,525	540,062	Bobl(5Y)	
DBM8	116.50	(10.00)	117.02	116.48	117.01	429,609	814,652	Bund(10Y)	

	Price	Yield		Maturity	SYM NAME	
	Last	Last	Coupon			
T.US.DE030P0310***	99.11	3.461	3.000	3.000	2 yr CTD	German Cash Treasury Market
T.US.DE044P0113**	103.81	3.603	4.500	1/4/2013	5 yr CTD	
T.US.DE036P0117**	99.22	3.848	3.750	1/4/2017	10 yr CTD	
DEP2P*	100.59	3.627	4.000	12/11/2009	2yr OTR	
DEP5P*	102.42	3.657	4.250	10/12/2012	5yr OTR	
DEP10P*	101.05	3.867	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
DGM8	104.43	104.43	104.43	104.62	104.39	-35.00
DLM8	110.24	110.25	110.24	110.70	110.23	-73.00
DBM8	116.49	116.50	116.50	117.02	116.48	-10.00

	Y Bid	Y Ask	Y Last	Y Hi	Y Lo
DGM8	3.665	3.663	3.665	3.686	3.568
DLM8	3.718	3.717	3.717	3.721	3.622
DBM8	3.970	3.969	3.969	3.971	3.911

	Y Bid	Y Ask	Y Last	Y Hi	Y Lo	Chng
T.US.DE030P0310***	3.477	3.461	3.461	3.494	3.375	
T.US.DE044P0113**	3.612	3.603	3.603	3.621	3.517	
T.US.DE036P0117**	3.855	3.848	3.848	3.855	3.788	
DEP2P*	3.646	3.627	3.627	3.670	3.548	-25
DEP5P*	3.667	3.657	3.657	3.679	3.576	-63
DEP10P*	3.873	3.867	3.867	3.873	3.814	-102

Decimal						
	Bid	Ask	Last	Hi	Low	Chng
T.US.DE030P0310***	99.11	99.14	99.14	99.30	99.08	3.000
T.US.DE044P0113**	103.81	103.85	103.85	104.23	103.77	-70
T.US.DE036P0117**	99.22	99.27	99.27	99.71	99.22	-96
DEP2P*	100.56	100.59	100.59	100.72	100.52	-25
DEP5P*	102.38	102.42	102.42	102.76	102.33	-63
DEP10P*	101.00	101.05	101.05	101.48	101.00	-102

SYM NAME	
Schatz(2Y)	German Futures
Bobl(5Y)	
Bund(10Y)	

SYM NAME	
Schatz(2Y)	German Futures
Bobl(5Y)	
Bund(10Y)	

SYM NAME	
2 yr CTD	German Cash
5 yr CTD	
10 yr CTD	
2yr OTR	
5yr OTR	
10yr OTR	

SYM NAME	
2 yr CTD	German Cash
5 yr CTD	
10 yr CTD	
2yr OTR	
5yr OTR	
10yr OTR	

Notes  
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 OTR = On the Run  
 \* OTR  
 \*\* CTD  
 \*\*\* CTD & OTR

Intrinsics & Tic for Tic Matrix'



US Intrinsic's ^				
	M Duration	DV01 32	DV01 \$	DV01(€)
30y	16.54	5.34	\$1,670	€ 2,599
10y	8.27	2.65	\$828	€ 1,289
5y	4.58	1.49	\$465	€ 724
2y	1.88	0.61	\$189	€ 295
ZB	10.37	3.95	\$124	€ 192
ZN	6.64	2.59	\$81	€ 126
ZF	4.04	1.48	\$46	€ 72
ZT	1.90	0.66	\$21	€ 32

^Futures are Based on CTD

German Intrinsic's ^				
	M Duration	DV01(€)	DV01(\$)	CF
Bund	7.29	€ 266	\$171	0
Bobl	0.00	€ 0	\$0	0
Schatz	2.05	€ 70	\$45	0
DE10Y	7.91	€ 1,255	\$806	
DE5Y	0.00	€ 0	\$0	
DE2Y	2.05	€ 297	\$191	

^Futures are Based on CTD

Last  
EURUSD 155.63

Tic for Tic Matrix (\$)			
	Bund	Bobl	Schatz
30y			
10y			
5y			
2y			
ZB			
ZN			
ZF			
ZT			

This matrix needs to be updated now that the CME has changed the tic size. I'll get to this in the next few days.  
Thanks,  
Jim

Notes

- 1) CF = Conversion Factor
- 2) MDuration = Modified Macaulay Duration
- 3) MDuration & DV01s for Futures are based on proxy issue (CTD)

US Financial Futures / Eurex Bond			
	ZN	ZF	ZT
Bund (H)	1.60	2.80	3.24
Bobl (H)	0.92	1.59	1.79
Shatz (H)	0.38	0.66	0.74

Bloomberg  
Ratio's

US Treasuries v Eurex Bonds			
	2y	5y	10y
Bund (H)	1.4	3.4	6.1
Bobl (H)	2.6	6.2	11.1
Shatz (H)	6.2	15.0	26.6

Bloomberg  
Ratio's

	Bund (H)	Bobl (H)	Shatz (H)
Bund (H)		1.81	4.37
Bobl (H)	0.55		2.41
Shatz (H)	0.23	0.42	

Bloomberg  
Ratio's

### Yields & Spreads

US Cash Treasuries (OTR)			
	Bid	Ask	Last
US2y	1.798	1.794	1.794
US5y	2.614	2.611	2.611
US10y	3.526	3.524	3.524

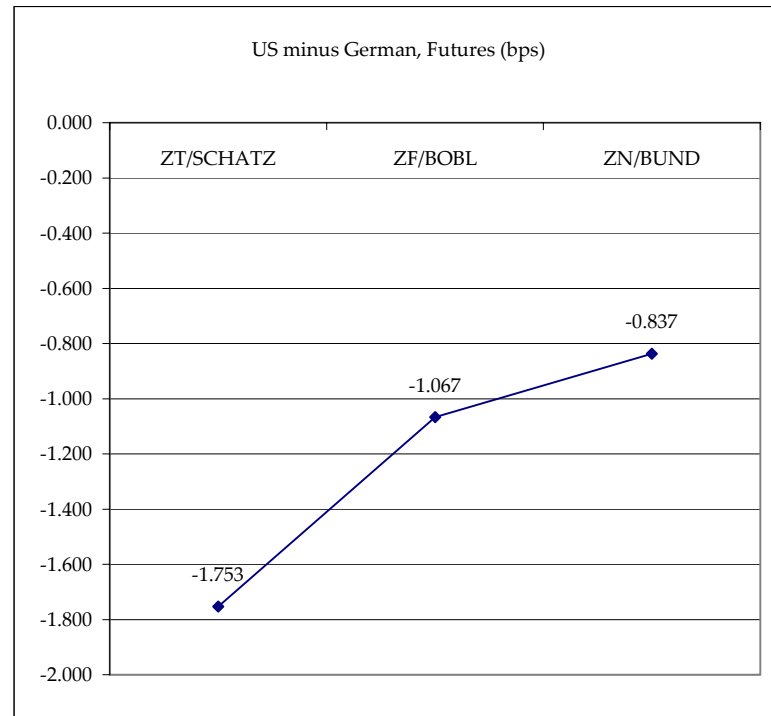
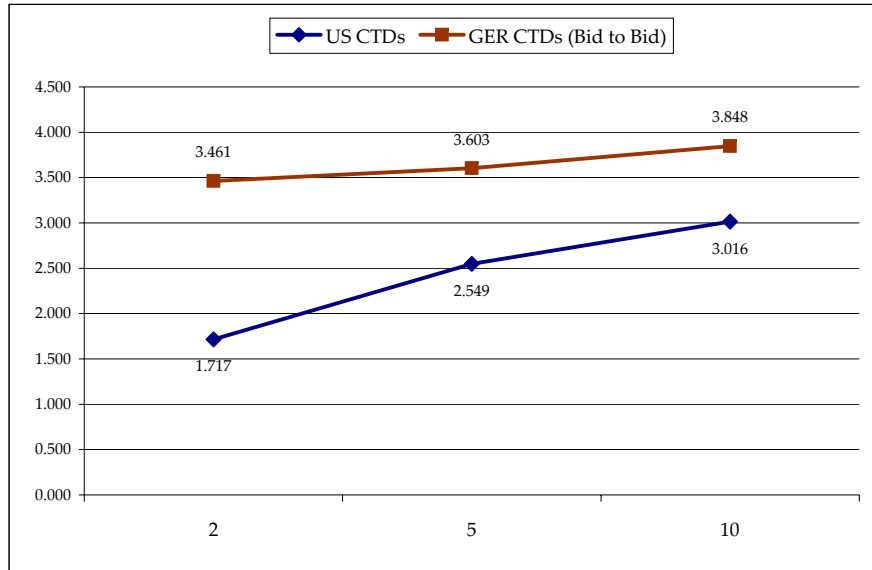
German Cash Treasuries (OTR)			
	Bid	Ask	Last
DE2y	3.646	3.627	3.627
DE5y	3.667	3.657	3.657
DE10y	3.873	3.867	3.867

Spreads Bps	
ZT/SCHATZ	-1.753
ZF/BOBL	-1.067
ZN/BUND	-0.837

US Cash Treasuries (CTD)			
	Bid	Ask	Last
4.000 of 03/10	1.717	1.709	1.709
4.125 of 08/12	2.549	2.537	2.537
4.000 of 02/15	3.016	3.011	3.011

German Futures (CTD)			
	Bid	Ask	Last
3.250 of 04/10	3.477	3.461	3.461
of 01/00	3.612	3.603	3.603
3.750 of 01/17	3.855	3.848	3.848

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





