

Implied Treasury Spreads (June 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
TYT	2-Year T-Note vs. 3-Year T-Note ***	1.6000	8:5	TYT 08-05 M6	TU3Y Comdty
TFY	2-Year T-Note vs. 5-Year T-Note **	2.0000	1:1	TFY 01-01 M6	TUFV Comdty
TUF	2-Year T-Note vs. 5-Year T-Note **	2.5000	5:4	TUF 05-04 M6	
TAF	2-Year T-Note vs. 5-Year T-Note **	3.0000	3:2	TAF 03-02 M6	
TUT	2-Year T-Note vs. 10-Year T-Note **	4.0000	2:1	TUT 02-01 M6	TUTY Comdty
TUX	2-Year T-Note vs. Ultra 10-Year T-Note **	5.0000	5:2	TUX 05-02 M6	TUUXY Comdty
TUB	2-Year T-Note vs. T-Bond **	8.0000	4:1	TUB 04-01 M6	TUUS Comdty
TUL	2-Year T-Note vs. Ultra T-Bond **	10.0000	5:1	TUL 05-01 M6	TUWN Comdty
TTW	2-Year T-Note** vs. 20-Year T-Bond	2.0000	1:1	TTW 01-01 M6	TUTWE Comdty
TWW	2-Year T-Note** vs. 20-Year T-Bond	10.0000	5:1	TWW 05-01 M6	
TOF	3-Year T-Note vs. 5-Year T-Note **	1.5000	3:4	TOF 03-04 M6	3YFV Comdty
TUN	3-Year T-Note vs. 10-Year T-Note **	2.4000	6:5	TUN 06-05 M6	3YTY Comdty
TYX	3-Year T-Note vs. Ultra 10-Year T-Note **	3.2000	8:5	TYX 08-05 M6	3YUXY Comdty
TOB	3-Year T-Note vs. T-Bond **	5.0000	5:2	TOB 05-02 M6	3YUS Comdty
TOU	3-Year T-Note vs. Ultra T-Bond **	6.0000	3:1	TOU 03-01 M6	3YWN Comdty
TRW	3-Year T-Note** vs. 20-Year T-Bond	2.0000	1:1	TRW 01-01 M6	3YTWE Comdty
THW	3-Year T-Note** vs. 20-Year T-Bond	6.0000	3:1	THW 03-01 M6	
FIT	5-Year T-Note vs. 10-Year T-Note	2.0000	2:1	FIT 02-01 M6	
FYN	5-Year T-Note vs. 10-Year T-Note	1.0000	1:1	FYN 01-01 M6	
FYT	5-Year T-Note vs. 10-Year T-Note	1.5000	3:2	FYT 03-02 M6	
FIX	5-Year T-Note vs. Ultra 10-Year T-Note	2.0000	2:1	FIX 02-01 M6	FVUXY Comdty
FOB	5-Year T-Note vs. T-Bond	3.0000	3:1	FOB 03-01 M6	FVUS Comdty
FOL	5-Year T-Note vs. Ultra T-Bond	4.0000	4:1	FOL 04-01 M6	FVWN Comdty
FTW	5-Year T-Note vs. 20-Year T-Bond	1.0000	1:1	FTW 01-01 M6	FVTWE Comdty
FYW	5-Year T-Note vs. 20-Year T-Bond	4.0000	4:1	FYW 04-01 M6	
NON	10-Year T-Note vs. Ultra 10-Year T-Note	1.0000	1:1	NON 01-01 M6	TYUXY Comdty
TEX	10-Year T-Note vs. Ultra 10-Year T-Note	1.4000	7:5	TEX 07-05 M6	
TOX	10-Year T-Note vs. Ultra 10-Year T-Note	1.5000	3:2	TOX 03-02 M6	
NBY	10-Year T-Note vs. T-Bond	1.0000	1:1	NBY 01-01 M6	TYUS Comdty
NOB	10-Year T-Note vs. T-Bond	2.0000	2:1	NOB 02-01 M6	
NIB	10-Year T-Note vs. T-Bond	3.0000	3:1	NIB 03-01 M6	
NOL	10-Year T-Note vs. Ultra T-Bond	3.0000	3:1	NOL 03-01 M6	TYWN Comdty
TYW	10-Year T-Note vs. 20-Year T-Bond	1.0000	1:1	TYW 01-01 M6	TYTWE Comdty
TOW	10-Year T-Note vs. 20-Year T-Bond	2.5000	5:2	TOW 05-02 M6	
NCB	Ultra 10-Year T-Note vs. T-Bond	1.5000	3:2	NCB 03-02 M6	UXYUS Comdty
NUB	Ultra 10-Year T-Note vs. Ultra T-Bond	2.0000	2:1	NUB 02-01 M6	UXYWN Comdty
NYW	Ultra 10-Year T-Note vs. 20-Year T-Bond	1.0000	1:1	NYW 01-01 M6	UXYTWE Comdty
NTW	Ultra 10-Year T-Note vs. 20-Year T-Bond	2.0000	2:1	NTW 02-01 M6	

BOB	T-Bond vs. Ultra T-Bond	2.0000	2:1	BOB 02-01 M6	
BUB	T-Bond vs. Ultra T-Bond	1.0000	1:1	BUB 01-01 M6	
BIB	T-Bond vs. Ultra T-Bond	1.5000	3:2	BIB 03-02 M6	
ZBW	T-Bond vs. 20-Year T-Bond	1.0000	1:1	ZBW 01-01 M6	USTWE Comdty
ZTW	T-Bond vs. 20-Year T-Bond	1.2000	6:5	ZTW 06-05 M6	
TWU	20-Year T-Bond vs. Ultra T-Bond	1.0000	1:1	TWU 01-01 M6	TWEWN Comdty
TWB	20-Year T-Bond vs. Ultra T-Bond	1.1250	9:8	TWB 09-08 M6	
MNUB	Micro Ultra 10-Year T-Note vs. Micro Ultra T-Bond	2.0000	2:1	MNUB 02-01 M6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted, fixed ratios are gray.
 ** Price ratios involving 2-Year & 3-Year T-Notes are doubled to account for larger notional size (\$200K) in the price changes.
 *** However, the ratio of the TYT is not doubled because the contracts have the same notional size.

Implied Treasury Spreads (Sep 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
TYT	2-Year T-Note vs. 3-Year T-Note ***	1.5000	3:2	TYT 03-02 U6	TU3Y Comdty
TFY	2-Year T-Note vs. 5-Year T-Note **	2.0000	1:1	TFY 01-01 U6	TUFV Comdty
TUF	2-Year T-Note vs. 5-Year T-Note **	2.4000	6:5	TUF 06-05 U6	
TAF	2-Year T-Note vs. 5-Year T-Note **	3.0000	3:2	TAF 03-02 U6	
TUT	2-Year T-Note vs. 10-Year T-Note **	4.0000	2:1	TUT 02-01 U6	TUTY Comdty
TUX	2-Year T-Note vs. Ultra 10-Year T-Note **	5.0000	5:2	TUX 05-02 U6	TUUXY Comdty
TUB	2-Year T-Note vs. T-Bond **	8.0000	4:1	TUB 04-01 U6	TUUS Comdty
TUL	2-Year T-Note vs. Ultra T-Bond **	10.0000	5:1	TUL 05-01 U6	TUWN Comdty
TTW	2-Year T-Note** vs. 20-Year T-Bond	2.0000	1:1	TTW 01-01 U6	TUTWE Comdty
TWW	2-Year T-Note** vs. 20-Year T-Bond	10.0000	5:1	TWW 05-01 U6	
TOF	3-Year T-Note vs. 5-Year T-Note **	1.5000	3:4	TOF 03-04 U6	3YFV Comdty
TUN	3-Year T-Note vs. 10-Year T-Note **	2.0000	1:1	TUN 01-01 U6	3YTY Comdty
TYX	3-Year T-Note vs. Ultra 10-Year T-Note **	3.2000	8:5	TYX 08-05 U6	3YUXY Comdty
TOB	3-Year T-Note vs. T-Bond **	5.0000	5:2	TOB 05-02 U6	3YUS Comdty
TOU	3-Year T-Note vs. Ultra T-Bond **	6.0000	3:1	TOU 03-01 U6	3YWN Comdty
TRW	3-Year T-Note** vs. 20-Year T-Bond	2.0000	1:1	TRW 01-01 U6	3YTWE Comdty
THW	3-Year T-Note** vs. 20-Year T-Bond	6.0000	3:1	THW 03-01 U6	
FIT	5-Year T-Note vs. 10-Year T-Note	2.0000	2:1	FIT 02-01 U6	
FYN	5-Year T-Note vs. 10-Year T-Note	1.0000	1:1	FYN 01-01 U6	
FYT	5-Year T-Note vs. 10-Year T-Note	1.5000	3:2	FYT 03-02 U6	
FIX	5-Year T-Note vs. Ultra 10-Year T-Note	2.0000	2:1	FIX 02-01 U6	FVUXY Comdty
FOB	5-Year T-Note vs. T-Bond	3.0000	3:1	FOB 03-01 U6	FVUS Comdty
FOL	5-Year T-Note vs. Ultra T-Bond	4.0000	4:1	FOL 04-01 U6	FVWN Comdty
FTW	5-Year T-Note vs. 20-Year T-Bond	1.0000	1:1	FTW 01-01 U6	FVTWE Comdty
FYW	5-Year T-Note vs. 20-Year T-Bond	4.0000	4:1	FYW 04-01 U6	
NON	10-Year T-Note vs. Ultra 10-Year T-Note	1.0000	1:1	NON 01-01 U6	TYUXY Comdty
TEX	10-Year T-Note vs. Ultra 10-Year T-Note	1.4000	7:5	TEX 07-05 U6	
TOX	10-Year T-Note vs. Ultra 10-Year T-Note	1.5000	3:2	TOX 03-02 U6	
NBY	10-Year T-Note vs. T-Bond	1.0000	1:1	NBY 01-01 U6	TYUS Comdty
NOB	10-Year T-Note vs. T-Bond	2.0000	2:1	NOB 02-01 U6	
NIB	10-Year T-Note vs. T-Bond	3.0000	3:1	NIB 03-01 U6	
NOL	10-Year T-Note vs. Ultra T-Bond	3.0000	3:1	NOL 03-01 U6	TYWN Comdty
TYW	10-Year T-Note vs. 20-Year T-Bond	1.0000	1:1	TYW 01-01 U6	TYTWE Comdty
TOW	10-Year T-Note vs. 20-Year T-Bond	2.5000	5:2	TOW 05-02 U6	
NCB	Ultra 10-Year T-Note vs. T-Bond	1.5000	3:2	NCB 03-02 U6	UXYUS Comdty
NUB	Ultra 10-Year T-Note vs. Ultra T-Bond	2.0000	2:1	NUB 02-01 U6	UXYWN Comdty
NYW	Ultra 10-Year T-Note vs. 20-Year T-Bond	1.0000	1:1	NYW 01-01 U6	UXYTWE Comdty
NTW	Ultra 10-Year T-Note vs. 20-Year T-Bond	2.0000	2:1	NTW 02-01 U6	

BOB	T-Bond vs. Ultra T-Bond	2.0000	2:1	BOB 02-01 U6	
BUB	T-Bond vs. Ultra T-Bond	1.0000	1:1	BUB 01-01 U6	
BIB	T-Bond vs. Ultra T-Bond	1.5000	3:2	BIB 03-02 U6	
ZBW	T-Bond vs. 20-Year T-Bond	1.0000	1:1	ZBW 01-01 U6	USTWE Comdty
ZTW	T-Bond vs. 20-Year T-Bond	1.2500	5:4	ZTW 05-04 U6	
TWU	20-Year T-Bond vs. Ultra T-Bond	1.0000	1:1	TWU 01-01 U6	TWEWN Comdty
TWB	20-Year T-Bond vs. Ultra T-Bond	1.1250	9:8	TWB 09-08 U6	
MNUB	Micro Ultra 10-Year T-Note vs. Micro Ultra T-Bond	2.0000	2:1	MNUB 02-01 U6	

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 ** Price ratios involving 2-Year & 3-Year T-Notes are doubled to account for larger notional size (\$200K) in the price changes.
 *** However, the ratio of the TYT is not doubled because the contracts have the same notional size.

Implied Eris Spreads (June 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
EAT	1-Year vs. 2-Year Eris SOFR Swap Futures	1.0000	1:1	EAT 01-01 M26	YIAYIT Comdty
EIC	1-Year vs. 3-Year Eris SOFR Swap Futures	1.0000	1:1	EIC 01-01 M26	YIAYIC Comdty
ETC	2-Year vs. 3-Year Eris SOFR Swap Futures	1.0000	1:1	ETC 01-01 M26	YITYIC Comdty
ETW	2-Year vs. 5-Year Eris SOFR Swap Futures	2.5000	5:2	ETW 05-02 M26	YITYIW Comdty
EID	3-Year vs. 4-Year Eris SOFR Swap Futures	1.0000	1:1	EID 01-01 M26	YICYID Comdty
ECW	3-Year vs. 5-Year Eris SOFR Swap Futures	1.6667	5:3	ECW 05-03 M26	YICYIW Comdty
EDW	4-Year vs. 5-Year Eris SOFR Swap Futures	1.0000	1:1	EDW 01-01 M26	YIDYIW Comdty
EIB	5-Year vs. 7-Year Eris SOFR Swap Futures	1.5000	3:2	EIB 03-02 M26	YIWIYB Comdty
EIY	5-Year vs. 10-Year Eris SOFR Swap Futures	2.0000	2:1	EIY 02-01 M26	YIWIYI Comdty
EBY	7-Year vs. 10-Year Eris SOFR Swap Futures	1.5000	3:2	EBY 03-02 M26	YIBYIW Comdty

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^ Active contract code.

All spreads based on \$100k contract values

Implied Eris Spreads (Sep 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
EAT	1-Year vs. 2-Year Eris SOFR Swap Futures	1.0000	1:1	EAT 01-01 U26	YIAYIT Comdty
EIC	1-Year vs. 3-Year Eris SOFR Swap Futures	1.0000	1:1	EIC 01-01 U26	YIAYIC Comdty
ETC	2-Year vs. 3-Year Eris SOFR Swap Futures	1.0000	1:1	ETC 01-01 U26	YITYIC Comdty
ETW	2-Year vs. 5-Year Eris SOFR Swap Futures	2.5000	5:2	ETW 05-02 U26	YITYIW Comdty
EID	3-Year vs. 4-Year Eris SOFR Swap Futures	1.0000	1:1	EID 01-01 U26	YICYID Comdty
ECW	3-Year vs. 5-Year Eris SOFR Swap Futures	1.6667	5:3	ECW 05-03 U26	YICYIW Comdty
EDW	4-Year vs. 5-Year Eris SOFR Swap Futures	1.0000	1:1	EDW 01-01 U26	YIDYIW Comdty
EIB	5-Year vs. 7-Year Eris SOFR Swap Futures	1.5000	3:2	EIB 03-02 U26	YIWIYB Comdty
EIY	5-Year vs. 10-Year Eris SOFR Swap Futures	2.0000	2:1	EIY 02-01 U26	YIWIYI Comdty
EBY	7-Year vs. 10-Year Eris SOFR Swap Futures	1.5000	3:2	EBY 03-02 U26	YIBYIW Comdty

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^ Active contract code.

All spreads based on \$100k contract values

Implied Eris/Treasury Spreads (June 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
ETU	2-Year Eris SOFR Swap Futures vs. 2-Year T-Note Futures	1.0000	2:1	ETU 02-01 M26-M6	YITTU Comdty
ETU	2-Year Eris SOFR Swap Futures vs. 2-Year T-Note Futures	1.0000	2:1	ETU 02-01 M26-U6	
ETU	2-Year Eris SOFR Swap Futures vs. 2-Year T-Note Futures	1.0000	2:1	ETU 02-01 U26-M6	
EWV	5-Year Eris SOFR Swap Futures vs. 5-Year T-Note Futures	1.0000	1:1	EWV 01-01 M26-M6	YIWFV Comdty
EWV	5-Year Eris SOFR Swap Futures vs. 5-Year T-Note Futures	1.0000	1:1	EWV 01-01 M26-U6	
EWV	5-Year Eris SOFR Swap Futures vs. 5-Year T-Note Futures	1.0000	1:1	EWV 01-01 U26-M6	
EBN	7-Year Eris SOFR Swap Futures vs. 10-Year T-Note Futures	1.0000	1:1	EBN 01-01 M26-M6	YIBTY Comdty
EBN	7-Year Eris SOFR Swap Futures vs. 10-Year T-Note Futures	1.0000	1:1	EBN 01-01 M26-U6	
EBN	7-Year Eris SOFR Swap Futures vs. 10-Year T-Note Futures	1.0000	1:1	EBN 01-01 U26-M6	
EYT	10-Year Eris SOFR Swap Futures vs. Ultra 10-Year T-Note Futures	1.0000	1:1	EYT 01-01 M26-M6	YIYXT Comdty
EYT	10-Year Eris SOFR Swap Futures vs. Ultra 10-Year T-Note Futures	1.0000	1:1	EYT 01-01 M26-U6	
EYT	10-Year Eris SOFR Swap Futures vs. Ultra 10-Year T-Note Futures	1.0000	1:1	EYT 01-01 U26-M6	

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All spreads based on \$100k contract values

Implied Eris/Treasury Spreads (Sep 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
ETU	2-Year Eris SOFR Swap Futures vs. 2-Year T-Note Futures	1.0000	2:1	ETU 02-01 U26-U6	YITTU Comdty
ETU	2-Year Eris SOFR Swap Futures vs. 2-Year T-Note Futures	1.0000	2:1	ETU 02-01 U26-Z6	
ETU	2-Year Eris SOFR Swap Futures vs. 2-Year T-Note Futures	1.0000	2:1	ETU 02-01 Z26-U6	
EWV	5-Year Eris SOFR Swap Futures vs. 5-Year T-Note Futures	1.0000	1:1	EWV 01-01 U26-U6	YIWFV Comdty
EWV	5-Year Eris SOFR Swap Futures vs. 5-Year T-Note Futures	1.0000	1:1	EWV 01-01 U26-Z6	
EWV	5-Year Eris SOFR Swap Futures vs. 5-Year T-Note Futures	1.0000	1:1	EWV 01-01 Z26-U6	
EBN	7-Year Eris SOFR Swap Futures vs. 10-Year T-Note Futures	1.0000	1:1	EBN 01-01 U26-U6	YIBTY Comdty
EBN	7-Year Eris SOFR Swap Futures vs. 10-Year T-Note Futures	1.0000	1:1	EBN 01-01 U26-Z6	
EBN	7-Year Eris SOFR Swap Futures vs. 10-Year T-Note Futures	1.0000	1:1	EBN 01-01 Z26-U6	
EYT	10-Year Eris SOFR Swap Futures vs. Ultra 10-Year T-Note Futures	1.0000	1:1	EYT 01-01 U26-U6	YIYUXT Comdty
EYT	10-Year Eris SOFR Swap Futures vs. Ultra 10-Year T-Note Futures	1.0000	1:1	EYT 01-01 U26-Z6	
EYT	10-Year Eris SOFR Swap Futures vs. Ultra 10-Year T-Note Futures	1.0000	1:1	EYT 01-01 Z26-U6	

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All spreads based on \$100k contract values

TBA/Treasury Spreads (June 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
UPN	30-Year UMBS TBA - 2.0% Coupon vs. 10-Year T-Note	0.8750	7:8	UPN 07-08 M6-M6	JYATY Comdty
UQN	30-Year UMBS TBA - 2.5% Coupon vs. 10-Year T-Note	0.8750	7:8	UQN 07-08 M6-M6	JYBTY Comdty
URN	30-Year UMBS TBA - 3.0% Coupon vs. 10-Year T-Note	0.8750	7:8	URN 07-08 M6-M6	JYCTY Comdty
UTN	30-Year UMBS TBA - 3.5% Coupon vs. 10-Year T-Note	0.9000	9:10	UTN 09-10 M6-M6	JYDTY Comdty
UUN	30-Year UMBS TBA - 4.0% Coupon vs. 10-Year T-Note	1.2500	5:4	UUN 05-04 M6-M6	JYETY Comdty
NTU	30-Year UMBS TBA - 4.5% Coupon vs. 10-Year T-Note	1.5000	3:2	NTU 03-02 M6-M6	JYITY Comdty
THN	30-Year UMBS TBA - 5.0% Coupon vs. 10-Year T-Note	2.0000	2:1	THN 02-01 M6-M6	JYPTY Comdty
UVN	30-Year UMBS TBA - 5.5% Coupon vs. 10-Year T-Note	2.0000	2:1	UVN 02-01 M6-M6	JYTTY Comdty
UWN	30-Year UMBS TBA - 6.0% Coupon vs. 10-Year T-Note	2.0000	2:1	UWN 02-01 M6-M6	JYWTY Comdty
UYN	30-Year UMBS TBA - 6.5% Coupon vs. 10-Year T-Note	2.0000	2:1	UYN 02-01 M6-M6	JYLYTY Comdty
UZN	30-Year UMBS TBA - 7.0% Coupon vs. 10-Year T-Note	2.5000	5:2	UZN 05-02 M6-M6	
UPN	30-Year UMBS TBA - 2.0% Coupon vs. 10-Year T-Note	0.9000	9:10	UPN 09-10 M6-U6	
UQN	30-Year UMBS TBA - 2.5% Coupon vs. 10-Year T-Note	0.8750	7:8	UQN 07-08 M6-U6	
URN	30-Year UMBS TBA - 3.0% Coupon vs. 10-Year T-Note	0.9000	9:10	URN 09-10 M6-U6	
UTN	30-Year UMBS TBA - 3.5% Coupon vs. 10-Year T-Note	0.9000	9:10	UTN 09-10 M6-U6	
UUN	30-Year UMBS TBA - 4.0% Coupon vs. 10-Year T-Note	1.2500	5:4	UUN 05-04 M6-U6	
NTU	30-Year UMBS TBA - 4.5% Coupon vs. 10-Year T-Note	1.5000	3:2	NTU 03-02 M6-U6	
THN	30-Year UMBS TBA - 5.0% Coupon vs. 10-Year T-Note	2.0000	2:1	THN 02-01 M6-U6	
UVN	30-Year UMBS TBA - 5.5% Coupon vs. 10-Year T-Note	2.0000	2:1	UVN 02-01 M6-U6	
UWN	30-Year UMBS TBA - 6.0% Coupon vs. 10-Year T-Note	2.0000	2:1	UWN 02-01 M6-U6	
UYN	30-Year UMBS TBA - 6.5% Coupon vs. 10-Year T-Note	2.0000	2:1	UYN 02-01 M6-U6	
UZN	30-Year UMBS TBA - 7.0% Coupon vs. 10-Year T-Note	2.5000	5:2	UZN 05-02 M6-U6	
UPT	30-Year UMBS TBA - 2.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UPT 01-01 M6-M6	
UQY	30-Year UMBS TBA - 2.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UQY 01-01 M6-M6	
URY	30-Year UMBS TBA - 3.0% Coupon vs. 10-Year T-Note	1.0000	1:1	URY 01-01 M6-M6	
UTY	30-Year UMBS TBA - 3.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UTY 01-01 M6-M6	
UUY	30-Year UMBS TBA - 4.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UUY 01-01 M6-M6	
YTU	30-Year UMBS TBA - 4.5% Coupon vs. 10-Year T-Note	1.0000	1:1	YTU 01-01 M6-M6	
THY	30-Year UMBS TBA - 5.0% Coupon vs. 10-Year T-Note	1.0000	1:1	THY 01-01 M6-M6	
UVY	30-Year UMBS TBA - 5.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UVY 01-01 M6-M6	
UWY	30-Year UMBS TBA - 6.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UWY 01-01 M6-M6	
UYY	30-Year UMBS TBA - 6.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UYY 01-01 M6-M6	
UZY	30-Year UMBS TBA - 7.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UZY 01-01 M6-M6	
UPT	30-Year UMBS TBA - 2.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UPT 01-01 M6-U6	
UQY	30-Year UMBS TBA - 2.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UQY 01-01 M6-U6	
URY	30-Year UMBS TBA - 3.0% Coupon vs. 10-Year T-Note	1.0000	1:1	URY 01-01 M6-U6	
UTY	30-Year UMBS TBA - 3.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UTY 01-01 M6-U6	
UUY	30-Year UMBS TBA - 4.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UUY 01-01 M6-U6	

YTU	30-Year UMBS TBA - 4.5% Coupon vs. 10-Year T-Note	1.0000	1:1	YTU 01-01 M6-U6	
THY	30-Year UMBS TBA - 5.0% Coupon vs. 10-Year T-Note	1.0000	1:1	THY 01-01 M6-U6	
UVY	30-Year UMBS TBA - 5.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UVY 01-01 M6-U6	
UWY	30-Year UMBS TBA - 6.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UWY 01-01 M6-U6	
UYZ	30-Year UMBS TBA - 6.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UYZ 01-01 M6-U6	
UZY	30-Year UMBS TBA - 7.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UZY 01-01 M6-U6	
UPF	30-Year UMBS TBA - 2.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UPF 01-01 M6-M6	
UQF	30-Year UMBS TBA - 2.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UQF 01-01 M6-M6	
URF	30-Year UMBS TBA - 3.0% Coupon vs. 5-Year T-Note	1.0000	1:1	URF 01-01 M6-M6	
UTV	30-Year UMBS TBA - 3.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UTV 01-01 M6-M6	
UUF	30-Year UMBS TBA - 4.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UUF 01-01 M6-M6	
VTU	30-Year UMBS TBA - 4.5% Coupon vs. 5-Year T-Note	1.0000	1:1	VTU 01-01 M6-M6	
THF	30-Year UMBS TBA - 5.0% Coupon vs. 5-Year T-Note	1.0000	1:1	THF 01-01 M6-M6	
UVF	30-Year UMBS TBA - 5.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UVF 01-01 M6-M6	
UWV	30-Year UMBS TBA - 6.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UWV 01-01 M6-M6	
UYF	30-Year UMBS TBA - 6.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UYF 01-01 M6-M6	
UZF	30-Year UMBS TBA - 7.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UZF 01-01 M6-M6	
UPF	30-Year UMBS TBA - 2.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UPF 01-01 M6-U6	
UQF	30-Year UMBS TBA - 2.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UQF 01-01 M6-U6	
URF	30-Year UMBS TBA - 3.0% Coupon vs. 5-Year T-Note	1.0000	1:1	URF 01-01 M6-U6	
UTV	30-Year UMBS TBA - 3.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UTV 01-01 M6-U6	
UUF	30-Year UMBS TBA - 4.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UUF 01-01 M6-U6	
VTU	30-Year UMBS TBA - 4.5% Coupon vs. 5-Year T-Note	1.0000	1:1	VTU 01-01 M6-U6	
THF	30-Year UMBS TBA - 5.0% Coupon vs. 5-Year T-Note	1.0000	1:1	THF 01-01 M6-U6	
UVF	30-Year UMBS TBA - 5.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UVF 01-01 M6-U6	
UWV	30-Year UMBS TBA - 6.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UWV 01-01 M6-U6	
UYF	30-Year UMBS TBA - 6.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UYF 01-01 M6-U6	
UZF	30-Year UMBS TBA - 7.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UZF 01-01 M6-U6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted.

^ Active contract code.

TBA/Treasury Spreads (July 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
UPN	30-Year UMBS TBA - 2.0% Coupon vs. 10-Year T-Note	0.9000	9:10	UPN 09-10 N6-U6	JYATY Comdty
UQN	30-Year UMBS TBA - 2.5% Coupon vs. 10-Year T-Note	0.8750	7:8	UQN 07-08 N6-U6	JYBTY Comdty
URN	30-Year UMBS TBA - 3.0% Coupon vs. 10-Year T-Note	0.8000	4:5	URN 04-05 N6-U6	JYCTY Comdty
UTN	30-Year UMBS TBA - 3.5% Coupon vs. 10-Year T-Note	0.9000	9:10	UTN 09-10 N6-U6	JYDTY Comdty
UUN	30-Year UMBS TBA - 4.0% Coupon vs. 10-Year T-Note	1.2500	5:4	UUN 05-04 N6-U6	JYETY Comdty
NTU	30-Year UMBS TBA - 4.5% Coupon vs. 10-Year T-Note	1.5000	3:2	NTU 03-02 N6-U6	JYITY Comdty
THN	30-Year UMBS TBA - 5.0% Coupon vs. 10-Year T-Note	1.5000	3:2	THN 03-02 N6-U6	JYPTY Comdty
UVN	30-Year UMBS TBA - 5.5% Coupon vs. 10-Year T-Note	2.0000	2:1	UVN 02-01 N6-U6	JYTTY Comdty
UWN	30-Year UMBS TBA - 6.0% Coupon vs. 10-Year T-Note	2.0000	2:1	UWN 02-01 N6-U6	JYWTY Comdty
UYN	30-Year UMBS TBA - 6.5% Coupon vs. 10-Year T-Note	2.0000	2:1	UYN 02-01 N6-U6	JYLYTY Comdty
UZN	30-Year UMBS TBA - 7.0% Coupon vs. 10-Year T-Note	2.0000	2:1	UZN 02-01 N6-U6	
UPT	30-Year UMBS TBA - 2.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UPT 01-01 N6-U6	
UQY	30-Year UMBS TBA - 2.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UQY 01-01 N6-U6	
URY	30-Year UMBS TBA - 3.0% Coupon vs. 10-Year T-Note	1.0000	1:1	URY 01-01 N6-U6	
UTY	30-Year UMBS TBA - 3.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UTY 01-01 N6-U6	
UUY	30-Year UMBS TBA - 4.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UUY 01-01 N6-U6	
YTU	30-Year UMBS TBA - 4.5% Coupon vs. 10-Year T-Note	1.0000	1:1	YTU 01-01 N6-U6	
THY	30-Year UMBS TBA - 5.0% Coupon vs. 10-Year T-Note	1.0000	1:1	THY 01-01 N6-U6	
UVY	30-Year UMBS TBA - 5.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UVY 01-01 N6-U6	
UWY	30-Year UMBS TBA - 6.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UWY 01-01 N6-U6	
UYY	30-Year UMBS TBA - 6.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UYY 01-01 N6-U6	
UZY	30-Year UMBS TBA - 7.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UZY 01-01 N6-U6	
UPF	30-Year UMBS TBA - 2.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UPF 01-01 N6-U6	
UQF	30-Year UMBS TBA - 2.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UQF 01-01 N6-U6	
URF	30-Year UMBS TBA - 3.0% Coupon vs. 5-Year T-Note	1.0000	1:1	URF 01-01 N6-U6	
UTV	30-Year UMBS TBA - 3.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UTV 01-01 N6-U6	
UUF	30-Year UMBS TBA - 4.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UUF 01-01 N6-U6	
VTU	30-Year UMBS TBA - 4.5% Coupon vs. 5-Year T-Note	1.0000	1:1	VTU 01-01 N6-U6	
THF	30-Year UMBS TBA - 5.0% Coupon vs. 5-Year T-Note	1.0000	1:1	THF 01-01 N6-U6	
UVF	30-Year UMBS TBA - 5.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UVF 01-01 N6-U6	
UWV	30-Year UMBS TBA - 6.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UWV 01-01 N6-U6	
UYF	30-Year UMBS TBA - 6.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UYF 01-01 N6-U6	
UZF	30-Year UMBS TBA - 7.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UZF 01-01 N6-U6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted.

^ Active contract code.

TBA/Treasury Spreads (August 2026)					
Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
UPN	30-Year UMBS TBA - 2.0% Coupon vs. 10-Year T-Note	0.9000	9:10	UPN 09-10 Q6-U6	JYATY Comdty
UQN	30-Year UMBS TBA - 2.5% Coupon vs. 10-Year T-Note	0.8000	4:5	UQN 04-05 Q6-U6	JYBTY Comdty
URN	30-Year UMBS TBA - 3.0% Coupon vs. 10-Year T-Note	0.8750	7:8	URN 07-08 Q6-U6	JYCTY Comdty
UTN	30-Year UMBS TBA - 3.5% Coupon vs. 10-Year T-Note	0.9000	9:10	UTN 09-10 Q6-U6	JYDTY Comdty
UUN	30-Year UMBS TBA - 4.0% Coupon vs. 10-Year T-Note	1.2500	5:4	UUN 05-04 Q6-U6	JYETY Comdty
NTU	30-Year UMBS TBA - 4.5% Coupon vs. 10-Year T-Note	1.5000	3:2	NTU 03-02 Q6-U6	JYITY Comdty
THN	30-Year UMBS TBA - 5.0% Coupon vs. 10-Year T-Note	1.5000	3:2	THN 03-02 Q6-U6	JYPTY Comdty
UVN	30-Year UMBS TBA - 5.5% Coupon vs. 10-Year T-Note	1.7500	7:4	UVN 07-04 Q6-U6	JYTTY Comdty
UWN	30-Year UMBS TBA - 6.0% Coupon vs. 10-Year T-Note	1.7500	7:4	UWN 07-04 Q6-U6	JYWTY Comdty
UYN	30-Year UMBS TBA - 6.5% Coupon vs. 10-Year T-Note	1.6000	8:5	UYN 08-05 Q6-U6	JYLYTY Comdty
UZN	30-Year UMBS TBA - 7.0% Coupon vs. 10-Year T-Note	2.0000	2:1	UZN 02-01 Q6-U6	
UPT	30-Year UMBS TBA - 2.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UPT 01-01 Q6-U6	
UQY	30-Year UMBS TBA - 2.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UQY 01-01 Q6-U6	
URY	30-Year UMBS TBA - 3.0% Coupon vs. 10-Year T-Note	1.0000	1:1	URY 01-01 Q6-U6	
UTY	30-Year UMBS TBA - 3.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UTY 01-01 Q6-U6	
UUY	30-Year UMBS TBA - 4.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UUY 01-01 Q6-U6	
YTU	30-Year UMBS TBA - 4.5% Coupon vs. 10-Year T-Note	1.0000	1:1	YTU 01-01 Q6-U6	
THY	30-Year UMBS TBA - 5.0% Coupon vs. 10-Year T-Note	1.0000	1:1	THY 01-01 Q6-U6	
UVY	30-Year UMBS TBA - 5.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UVY 01-01 Q6-U6	
UWY	30-Year UMBS TBA - 6.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UWY 01-01 Q6-U6	
UYY	30-Year UMBS TBA - 6.5% Coupon vs. 10-Year T-Note	1.0000	1:1	UYY 01-01 Q6-U6	
UZY	30-Year UMBS TBA - 7.0% Coupon vs. 10-Year T-Note	1.0000	1:1	UZY 01-01 Q6-U6	
UPF	30-Year UMBS TBA - 2.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UPF 01-01 Q6-U6	
UQF	30-Year UMBS TBA - 2.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UQF 01-01 Q6-U6	
URF	30-Year UMBS TBA - 3.0% Coupon vs. 5-Year T-Note	1.0000	1:1	URF 01-01 Q6-U6	
UTV	30-Year UMBS TBA - 3.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UTV 01-01 Q6-U6	
UUF	30-Year UMBS TBA - 4.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UUF 01-01 Q6-U6	
VTU	30-Year UMBS TBA - 4.5% Coupon vs. 5-Year T-Note	1.0000	1:1	VTU 01-01 Q6-U6	
THF	30-Year UMBS TBA - 5.0% Coupon vs. 5-Year T-Note	1.0000	1:1	THF 01-01 Q6-U6	
UVF	30-Year UMBS TBA - 5.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UVF 01-01 Q6-U6	
UWV	30-Year UMBS TBA - 6.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UWV 01-01 Q6-U6	
UYF	30-Year UMBS TBA - 6.5% Coupon vs. 5-Year T-Note	1.0000	1:1	UYF 01-01 Q6-U6	
UZF	30-Year UMBS TBA - 7.0% Coupon vs. 5-Year T-Note	1.0000	1:1	UZF 01-01 Q6-U6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted.

^ Active contract code.

Credit Spreads (June 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
IQT	Bloomberg IG Credit Futures vs. 10-Year T-Note Futures	0.0003	1:1	IQT 01-01 M6-U6	
IQT	Bloomberg IG Credit Futures vs. 10-Year T-Note Futures	0.0003	1:1	IQT 01-01 U6-U6	
HYV	Bloomberg HY Credit Futures vs. 5-Year T-Note Futures	0.0015	1:1	HYV 01-01 M6-U6	
HYV	Bloomberg HY Credit Futures vs. 5-Year T-Note Futures	0.0015	1:1	HYV 01-01 U6-U6	
IGHY	Bloomberg IG Credit Futures vs. Bloomberg HY Credit Futures	0.2000	1:1	IGHY 01-01 U6-U6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted, fixed ratios are gray.

^ Active contract code.

All spreads based on \$100k contract values

Credit Spreads (Sep 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
IQT	Bloomberg IG Credit Futures vs. 10-Year T-Note Futures	0.0003	1:1	IQT 01-01 U6-Z6	
IQT	Bloomberg IG Credit Futures vs. 10-Year T-Note Futures	0.0003	1:1	IQT 01-01 Z6-Z6	
HYV	Bloomberg HY Credit Futures vs. 5-Year T-Note Futures	0.0015	1:1	HYV 01-01 U6-Z6	
HYV	Bloomberg HY Credit Futures vs. 5-Year T-Note Futures	0.0015	1:1	HYV 01-01 Z6-Z6	
IGHY	Bloomberg IG Credit Futures vs. Bloomberg HY Credit Futures	0.2000	1:1	IGHY 01-01 Z6-Z6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted, fixed ratios are gray.

^ Active contract code.

All spreads based on \$100k contract values

Mortgage Rate vs Treasury Spreads (June 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
MGV	Mortgage Rate Futures vs. 5-Year T-Note Futures	1.0000	1:1	MGV 01-01 H6-M6	
MGV	Mortgage Rate Futures vs. 5-Year T-Note Futures	1.0000	1:1	MGV 01-01 J6-M6	
MGV	Mortgage Rate Futures vs. 5-Year T-Note Futures	1.0000	1:1	MGV 01-01 K6-M6	
MGV	Mortgage Rate Futures vs. 5-Year T-Note Futures	1.0000	1:1	MGV 01-01 M6-M6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted, fixed ratios are gray.

^ Active contract code.

All spreads based on \$100k contract values

Mortgage Rate vs Treasury Spreads (Sep 2026)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
MGV	Mortgage Rate Futures vs. 5-Year T-Note Futures	1.0000	1:1	MGV 01-01 M6-U6	
MGV	Mortgage Rate Futures vs. 5-Year T-Note Futures	1.0000	1:1	MGV 01-01 N6-U6	
MGV	Mortgage Rate Futures vs. 5-Year T-Note Futures	1.0000	1:1	MGV 01-01 Q6-U6	
MGV	Mortgage Rate Futures vs. 5-Year T-Note Futures	1.0000	1:1	MGV 01-01 U6-U6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted, fixed ratios are gray.

^ Active contract code.

All spreads based on \$100k contract values

Mortgage Rate vs TBA Spreads (Jun-26)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
M40	Mortgage Rate Futures vs. 30-Year UMBS TBA - 4.0% Coupon	0.0500	1:1	M40 01-01 M6-M6	
M45	Mortgage Rate Futures vs. 30-Year UMBS TBA - 4.5% Coupon	0.0500	1:1	M45 01-01 M6-M6	
M50	Mortgage Rate Futures vs. 30-Year UMBS TBA - 5.0% Coupon	0.0500	1:1	M50 01-01 M6-M6	
M55	Mortgage Rate Futures vs. 30-Year UMBS TBA - 5.5% Coupon	0.0500	1:1	M55 01-01 M6-M6	
M60	Mortgage Rate Futures vs. 30-Year UMBS TBA - 6.0% Coupon	0.0500	1:1	M60 01-01 M6-M6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted, fixed ratios are gray.

^ Active contract code.

All spreads based on \$100k contract values

Mortgage Rate vs TBA Spreads (Jul-26)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
M40	Mortgage Rate Futures vs. 30-Year UMBS TBA - 4.0% Coupon	0.0500	1:1	M40 01-01 N6-N6	
M45	Mortgage Rate Futures vs. 30-Year UMBS TBA - 4.5% Coupon	0.0500	1:1	M45 01-01 N6-N6	
M50	Mortgage Rate Futures vs. 30-Year UMBS TBA - 5.0% Coupon	0.0500	1:1	M50 01-01 N6-N6	
M55	Mortgage Rate Futures vs. 30-Year UMBS TBA - 5.5% Coupon	0.0500	1:1	M55 01-01 N6-N6	
M60	Mortgage Rate Futures vs. 30-Year UMBS TBA - 6.0% Coupon	0.0500	1:1	M60 01-01 N6-N6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted, fixed ratios are gray.

^ Active contract code.

All spreads based on \$100k contract values

Mortgage Rate vs TBA Spreads (Aug-26)

Spread Name	Futures Contract Legs	Price Ratio*	Leg Quantity Ratio*	External Name*	Bloomberg Code^
M40	Mortgage Rate Futures vs. 30-Year UMBS TBA - 4.0% Coupon	0.0500	1:1	M40 01-01 Q6-Q6	
M45	Mortgage Rate Futures vs. 30-Year UMBS TBA - 4.5% Coupon	0.0500	1:1	M45 01-01 Q6-Q6	
M50	Mortgage Rate Futures vs. 30-Year UMBS TBA - 5.0% Coupon	0.0500	1:1	M50 01-01 Q6-Q6	
M55	Mortgage Rate Futures vs. 30-Year UMBS TBA - 5.5% Coupon	0.0500	1:1	M55 01-01 Q6-Q6	
M60	Mortgage Rate Futures vs. 30-Year UMBS TBA - 6.0% Coupon	0.0500	1:1	M60 01-01 Q6-Q6	

* Leg quantity and price ratios are subject to change. New ratios are highlighted, fixed ratios are gray.

^ Active contract code.

All spreads based on \$100k contract values