

CU Investment Solutions, LLC

Brady McLeod, Registered Representative
Walter Thompson, Registered Representative
Julie Chapin, Registered Representative
Chris Hageman, Registered Representative
Rachel Palmer, Registered Representative
Call 855-882-8474



New Issue Offerings 5/26/2023

Fixed Rate Callables												
Issuer	Cusip	Coupon	Maturity	Call Date	Price	Years To Maturity	Lockout in Months	Call Frequency	Settle Date	Spread to Interp		
										Treas	YTM	YTC
FEDERAL HOME LOAN BANK	3130AWAQ3	5.400	8/28/2024	8/28/2023	100	1.25	3	Quarterly	5/30/2023	0.55	5.407	5.400
FEDERAL HOME LOAN BANK	3130AWAT7	5.625	5/27/2025	6/27/2023	100	1.99	1	Monthly	5/30/2023	1.06	5.625	5.625
FEDERAL HOME LOAN BANK	3130AWAW0	5.550	5/28/2025	8/28/2023	100	2.00	3	Quarterly	5/30/2023	0.98	5.550	5.550
FEDERAL HOME LOAN BANK	3130AWAA8	5.125	5/28/2026	5/28/2024	100	3.00	12	Quarterly	5/30/2023	0.77	5.125	5.125
FEDERAL HOME LOAN BANK	3130AWB90	5.750	5/28/2026	8/28/2023	100	3.00	3	Quarterly	5/30/2023	1.39	5.750	5.750
FEDERAL HOME LOAN BANK	3130AWAV2	5.600	5/28/2027	8/28/2023	100	4.00	3	Quarterly	5/30/2023	1.45	5.600	5.600
FEDERAL FARM CREDIT BANK	3133EPLE3	4.670	5/30/2028	5/30/2025	100	5.01	24	Anytime	5/30/2023	0.73	4.670	4.670
FEDERAL HOME LOAN BANK	3130AW7L8	5.500	6/5/2028	12/5/2023	100	5.01	6	Anytime	6/5/2023	1.56	5.500	5.500
FREDDIE MAC	3134GYT77	5.250	6/5/2028	6/5/2024	100	5.01	12	Quarterly	6/5/2023	1.31	5.250	5.250
FEDERAL FARM CREDIT BANK	3133EPLH6	5.950	5/30/2030	8/30/2023	100	7.01	3	Anytime	5/30/2023	2.05	5.950	5.950

Step-Up Rate Callables												
Issuer	Cusip	Coupon	Maturity	Call Date	Price	Years To Maturity	Lockout in Months	Call Frequency	Settle Date	Spread to Interp		
										Treas	YTM	YTC

All securities are offered through CU Investment Solutions LLC (ISI). The home office of ISI is located at 8500 W. 110th St., Overland Park, KS 66210. ISI is registered with the Securities and Exchange Commission (SEC) as a broker-dealer under the Securities Exchange Act of 1934. ISI also is registered in the state of Kansas as an investment advisor. Member of FINRA and SIPC. All investments carry risk; please speak with your representative to gain a full understanding of said risks. Securities offered by ISI are not insured by the FDIC or NCUSIF and may lose value. All opinions, prices and yields are subject to change without notice.

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Secondary Offerings 5/26/2023

Callables

Issuer	Coupon	Maturity	Call Date	Call Type	Price	YTC	YTM	YTM Spread to Interp Treas	Cusip
FEDERAL HOME LOAN BANK	2.170	9/30/2024	6/30/2023	Quarterly	96.25	48.811	5.112	0.29	3130ARFM8
FREDDIE MAC	4.050	8/28/2025	8/28/2023	Quarterly	98.35	10.867	4.832	0.31	3134GXR63
FEDERAL HOME LOAN BANK	0.790	3/16/2026	6/16/2023	Quarterly	90.21	244.643	4.561	0.17	3130ALEL4
FEDERAL HOME LOAN BANK	1.000	10/16/2028	6/5/2023	Anytime	84.31	1339.258	4.299	0.37	3130AKC53
FEDERAL FARM CREDIT BANK	1.890	11/23/2029	6/5/2023	Anytime	85.71	1202.110	4.453	0.55	3133ENET3

Bullets

Issuer	Coupon	Maturity	Price	Yield	Spread to Interp	Benchmark	Cusip
FEDERAL HOME LOAN BANK	4.625	12/13/2024	99.47	4.985	0.26	T 4 1/4 05/31/25	3130ATUR6
FEDERAL HOME LOAN BANK	4.650	1/6/2025	99.54	4.950	0.22	T 4 1/4 05/31/25	3130AUX58
FEDERAL FARM CREDIT BANK	1.750	2/14/2025	95.08	4.790	0.12	T 4 1/4 05/31/25	3133ENPG9
FEDERAL FARM CREDIT BANK	4.125	2/26/2026	99.33	4.391	-0.02	T 3 5/8 05/15/26	3133EPLC7
FEDERAL FARM CREDIT BANK	4.000	5/26/2026	99.11	4.321	-0.04	T 3 5/8 05/15/26	3133EPKX2
FEDERAL HOME LOAN BANK	4.000	6/12/2026	99.11	4.316	-0.03	T 3 5/8 05/15/26	3130AWAH3
FEDERAL FARM CREDIT BANK	2.400	6/12/2028	92.38	4.090	0.15	T 3 5/8 05/31/28	3133EKQG4
FEDERAL FARM CREDIT BANK	0.800	7/21/2028	84.76	4.120	0.18	T 3 5/8 05/31/28	3133ELW91
FEDERAL FARM CREDIT BANK	3.875	8/15/2028	98.70	4.155	0.22	T 3 5/8 05/31/28	3133EPBB0
FEDERAL FARM CREDIT BANK	4.125	9/29/2028	99.97	4.130	0.20	T 3 5/8 05/31/28	3133ENQ37
FEDERAL FARM CREDIT BANK	3.350	12/14/2028	95.93	4.180	0.25	T 3 5/8 05/31/28	3133EJNZ8
FEDERAL FARM CREDIT BANK	3.875	5/3/2029	98.00	4.260	0.34	T 3 5/8 05/31/28	3133EPHU2

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Indicative Offerings - Mortgage-Backed Securities 5/26/2023

MBS Pools									
Issue	Coupon	WAL	Yield	I Spread	Price	Principal	Type	Current Face	Cusip
FN MA5041	4.00	6.13	4.62	72	96.81	07/23-03/38	15 Year	25,000,000	31418ES76
FN MA5042	4.50	6.00	4.86	95	98.16	07/23-03/38	15 Year	25,000,000	31418ES84
FN MA5043	5.00	5.74	5.10	119	99.44	07/23-03/38	15 Year	25,000,000	31418ES92
FN MA5061	5.50	5.35	5.36	143	100.53	07/23-03/38	15 Year	25,000,000	31418ETT7

CMOs										
Issue	Coupon	WAL	Yield	I Spread	Price	FMED U300 % Change	Principal Window	Type	Current Face	Cusip
GNR 2023-32 GA	5.00	3.85	5.39	127	98.63	-12.5%	07/23-11/31	EXCH,+	12,880,563	38383VSD1

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Treasury Offerings 5/26/2023

Bullets						
Issuer	Coupon	Maturity	Price	Yield	Years	Cusip
TREASURY BILL	0.000	7/18/2023	99.3314	5.028	0.15	912797FY8
TREASURY BILL	0.000	8/17/2023	98.8997	5.140	0.23	912796Z36
TREASURY BILL	0.000	9/5/2023	98.6600	5.072	0.28	912797GR2
TREASURY BILL	0.000	10/26/2023	97.8617	5.367	0.42	912797FC6
TREASURY BILL	0.000	11/2/2023	97.7898	5.288	0.44	912796YTO
US TREASURY N/B	2.250	12/31/2023	98.2906	5.248	0.60	912828V23
US TREASURY N/B	2.500	1/31/2024	98.2320	5.209	0.68	9128285Z9
US TREASURY N/B	2.125	2/29/2024	97.7242	5.243	0.76	912828W48
US TREASURY N/B	2.250	3/31/2024	97.5875	5.233	0.85	91282CEG2
US TREASURY N/B	2.000	4/30/2024	97.1784	5.183	0.93	912828X70
US TREASURY N/B	2.500	5/15/2024	97.5378	5.163	0.97	912828WJ5
US TREASURY N/B	3.000	6/30/2024	97.7058	5.198	1.10	91282CEX5
US TREASURY N/B	3.000	7/31/2024	97.5886	5.144	1.18	91282CFA4
US TREASURY N/B	3.250	8/31/2024	97.8034	5.078	1.27	91282CFG1
US TREASURY N/B	4.250	9/30/2024	99.0183	5.014	1.35	91282CFN6
US TREASURY N/B	4.375	10/31/2024	99.1941	4.968	1.44	91282CFQ9
US TREASURY N/B	2.250	11/15/2024	96.2878	4.917	1.48	912828G38
US TREASURY N/B	4.250	12/31/2024	99.0573	4.873	1.60	91282CGD7
US TREASURY N/B	4.125	1/31/2025	98.9128	4.806	1.69	91282CGG0
US TREASURY N/B	2.000	2/15/2025	95.5456	4.737	1.73	912828J27
US TREASURY N/B	1.750	3/15/2025	94.9597	4.712	1.81	91282CED9
US TREASURY N/B	2.625	4/15/2025	96.3933	4.652	1.89	91282CEH0
US TREASURY N/B	2.750	5/15/2025	96.5756	4.597	1.97	91282CEQ0
US TREASURY N/B	2.875	6/15/2025	96.7631	4.551	2.06	91282CEU1
US TREASURY N/B	3.000	7/15/2025	96.9584	4.514	2.14	91282CEY3
US TREASURY N/B	2.750	8/31/2025	96.3881	4.451	2.27	9128284Z0
US TREASURY N/B	3.000	9/30/2025	96.8725	4.422	2.35	9128285C0
US TREASURY N/B	4.250	10/15/2025	99.6147	4.421	2.39	91282CFP1
US TREASURY N/B	4.500	11/15/2025	100.2475	4.392	2.48	91282CFW6
US TREASURY N/B	2.625	12/31/2025	95.8334	4.345	2.60	9128285T3
US TREASURY N/B	3.875	1/15/2026	98.8647	4.335	2.64	91282CGE5
US TREASURY N/B	4.000	2/15/2026	99.1850	4.320	2.73	91282CGL9
US TREASURY N/B	4.625	3/15/2026	100.9350	4.264	2.81	91282CGR6
US TREASURY N/B	0.750	4/30/2026	90.5197	4.237	2.93	91282CBW0
US TREASURY N/B	1.625	5/15/2026	92.8009	4.239	2.97	912828R36
US TREASURY N/B	1.875	6/30/2026	93.3478	4.195	3.10	9128287B0
US TREASURY N/B	0.625	7/31/2026	89.5275	4.185	3.18	91282CCP4
US TREASURY N/B	1.375	8/31/2026	91.5431	4.182	3.27	912828YD6

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Issuer	Coupon	Maturity	Price	Yield	Years	Cusip	
US TREASURY N/B	1.625	9/30/2026	92.1838	4.158	3.35	912828YG9	
US TREASURY N/B	1.125	10/31/2026	90.4259	4.158	3.44	91282CDG3	
US TREASURY N/B	2.000	11/15/2026	93.1213	4.155	3.48	912828U24	
US TREASURY N/B	1.250	12/31/2026	90.5119	4.123	3.60	91282CDQ1	
US TREASURY N/B	1.500	1/31/2027	91.1447	4.123	3.69	912828Z78	
US TREASURY N/B	2.250	2/15/2027	93.6759	4.103	3.73	912828V98	
US TREASURY N/B	2.500	3/31/2027	94.3791	4.098	3.85	91282CEF4	
US TREASURY N/B	2.750	4/30/2027	95.1903	4.090	3.93	91282CEN7	
US TREASURY N/B	2.625	5/31/2027	94.6669	4.083	4.02	91282CET4	
US TREASURY N/B	3.250	6/30/2027	96.9403	4.070	4.10	91282CEW7	
US TREASURY N/B	2.750	7/31/2027	95.0028	4.064	4.18	91282CFB2	
US TREASURY N/B	3.125	8/31/2027	96.4169	4.050	4.27	91282CFH9	
US TREASURY N/B	4.125	9/30/2027	100.3075	4.046	4.35	91282CFM8	
US TREASURY N/B	4.125	10/31/2027	100.3466	4.038	4.44	91282CFU0	
US TREASURY N/B	2.250	11/15/2027	92.8153	4.026	4.48	9128283F5	
US TREASURY N/B	3.875	12/31/2027	99.4403	4.009	4.60	91282CGC9	
US TREASURY N/B	3.500	1/31/2028	97.9169	3.992	4.69	91282CGH8	
US TREASURY N/B	4.000	2/29/2028	100.1200	3.971	4.77	91282CGP0	
US TREASURY N/B	1.250	3/31/2028	88.0419	3.993	4.85	91282CBS9	
US TREASURY N/B	1.250	4/30/2028	87.9156	3.979	4.93	91282CBZ3	
US TREASURY N/B	2.875	5/15/2028	95.1109	3.971	4.98	9128284N7	
US TREASURY N/B	1.250	6/30/2028	87.5797	3.971	5.10	91282CCH2	
US TREASURY N/B	1.000	7/31/2028	86.2359	3.970	5.19	91282CCR0	
US TREASURY N/B	2.875	8/15/2028	94.8609	3.976	5.23	9128284V9	
US TREASURY N/B	1.250	9/30/2028	87.0484	3.967	5.35	91282CCY5	
US TREASURY N/B	1.375	10/31/2028	87.5094	3.959	5.44	91282CDF5	
US TREASURY N/B	3.125	11/15/2028	95.9313	3.961	5.48	9128285M8	
US TREASURY N/B	1.375	12/31/2028	87.2672	3.936	5.61	91282CDP3	
US TREASURY N/B	1.750	1/31/2029	88.9234	3.949	5.69	91282CDW8	
US TREASURY N/B	2.625	2/15/2029	93.2672	3.953	5.73	9128286B1	
US TREASURY N/B	2.375	3/31/2029	91.8844	3.945	5.85	91282CEE7	
US TREASURY N/B	2.875	4/30/2029	94.4456	3.936	5.93	91282CEM9	
US TREASURY N/B	2.750	5/31/2029	93.7425	3.930	6.02	91282CES6	
US TREASURY N/B	3.250	6/30/2029	96.3284	3.934	6.10	91282CEV9	
US TREASURY N/B	2.625	7/31/2029	92.9691	3.918	6.19	91282CFC0	
US TREASURY N/B	3.125	8/31/2029	95.6331	3.919	6.27	91282CFJ5	
US TREASURY N/B	3.875	9/30/2029	99.7347	3.922	6.35	91282CFL0	
US TREASURY N/B	4.000	10/31/2029	100.4613	3.918	6.44	91282CFT3	

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US TREASURY N/B	3.875	11/30/2029	99.7894	3.912	6.52	91282CFY2
US TREASURY N/B	3.875	12/31/2029	99.8363	3.903	6.61	91282CGB1
US TREASURY N/B	3.500	1/31/2030	97.6800	3.898	6.69	91282CGJ4
US TREASURY N/B	4.000	2/28/2030	100.6175	3.894	6.77	91282CGQ8
US TREASURY N/B	0.625	5/15/2030	80.4756	3.850	6.98	912828ZQ6
US TREASURY N/B	0.875	11/15/2030	81.3194	3.771	7.48	91282CAV3
US TREASURY N/B	1.125	2/15/2031	82.6162	3.740	7.73	91282CBL4
US TREASURY N/B	1.625	5/15/2031	85.2556	3.788	7.98	91282CCB5
US TREASURY N/B	1.250	8/15/2031	82.1931	3.794	8.23	91282CCS8
US TREASURY N/B	1.375	11/15/2031	82.5681	3.804	8.48	91282CDJ7
US TREASURY N/B	1.875	2/15/2032	85.7869	3.807	8.73	91282CDY4
US TREASURY N/B	2.875	5/15/2032	92.9000	3.818	8.98	91282CEP2
US TREASURY N/B	2.750	8/15/2032	91.8063	3.813	9.23	91282CFF3
US TREASURY N/B	4.125	11/15/2032	102.4000	3.820	9.48	91282CFV8
US TREASURY N/B	3.500	2/15/2033	97.5188	3.808	9.73	91282CGM7

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