

CU Investment Solutions, LLC

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



New Issue Offerings 1/2/2024

Fixed Rate Callables												
Issuer	Cusip	Coupon	Maturity	Call Date	Price	Years To	Lockout	Call Frequency	Settle Date	Spread to Interp		
						Maturity	in Months			Treas	YTM	YTC
FEDERAL FARM CREDIT BANK	3133EPR80	5.000	1/8/2027	1/8/2025	100	3.00	12	Anytime	1/8/2024	0.81	5.000	5.000
FEDERAL HOME LOAN BANK	3130AYCQ7	5.000	1/3/2028	1/3/2025	100	4.00	12	Annual	1/4/2024	0.94	5.000	5.000
FEDERAL HOME LOAN BANK	3130AYBT2	5.400	1/2/2029	7/2/2024	100	5.00	6	Anytime	1/3/2024	1.48	5.400	5.400

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 1/2/2024

Callables

Issuer	Coupon	Maturity	Call Date	Call Type	Price	YTC	YTM	YTM Spread to Interp Treas	Cusip
FEDERAL HOME LOAN BANK	0.750	2/24/2026	2/24/2024	Quarterly	92.35	59.113	4.538	0.23	3130ALCV4
FEDERAL HOME LOAN BANK	0.600	12/30/2026	3/30/2024	Quarterly	89.82	47.589	4.262	0.07	3130AKK88
FEDERAL HOME LOAN BANK	1.115	2/26/2027	2/26/2024	Quarterly	90.79	69.847	4.274	0.10	3130ALGL2
FEDERAL HOME LOAN BANK	1.400	4/15/2027	1/9/2024	Anytime	91.30	571.090	4.266	0.11	3130AJGU7
FEDERAL FARM CREDIT BANK	1.570	4/5/2028	1/9/2024	Anytime	89.91	672.143	4.182	0.16	3133EMVH2

Bullets

Issuer	Coupon	Maturity	Price	Yield	Spread to Interp	Benchmark	Cusip
FEDERAL HOME LOAN BANK	5.000	12/13/2024	100.17	4.806	-0.16	B 12/26/24	3130AV5N8
FARMER MAC	1.750	1/3/2025	97.00	4.864	-0.05	T 4 1/4 12/31/25	31422BRT9
FEDERAL HOME LOAN BANK	5.125	3/14/2025	100.48	4.694	-0.12	T 4 1/4 12/31/25	3130AWT59
FANNIE MAE	0.375	8/25/2025	93.57	4.474	-0.05	T 4 1/4 12/31/25	3135G05X7
FEDERAL HOME LOAN BANK	4.875	9/12/2025	100.64	4.474	-0.05	T 4 1/4 12/31/25	3130AWS92
FANNIE MAE	0.530	10/28/2025	93.16	4.484	0.06	T 4 1/4 12/31/25	3136G47A5
FEDERAL FARM CREDIT BANK	4.500	12/22/2025	100.19	4.399	0.07	T 4 1/4 12/31/25	3133EPQ81
FREDDIE MAC	0.580	4/15/2026	92.00	4.294	0.00	T 4 1/4 12/31/25	3134GWZC3
FEDERAL HOME LOAN BANK	4.625	11/17/2026	101.31	4.134	-0.08	T 4 3/8 12/15/26	3130AXU63
FEDERAL HOME LOAN BANK	4.875	12/11/2026	102.02	4.134	-0.07	T 4 3/8 12/15/26	3130AXQL5
FANNIE MAE	0.750	10/8/2027	88.72	4.009	-0.08	T 4 3/8 12/15/26	3135G05Y5
FEDERAL FARM CREDIT BANK	4.250	12/15/2028	101.29	3.961	0.03	T 3 3/4 12/31/28	3133EPN50
FEDERAL HOME LOAN BANK	2.125	9/14/2029	90.40	4.026	0.10	T 3 3/4 12/31/28	3130AGUW3

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Indicative Offerings - Mortgage-Backed Securities 1/2/2024

MBS Pools										
Issue	Coupon	WAL	Yield	I Spread	Price	Principal	Type	Current Face	Cusip	
FR SB1053	4.50	5.28	4.52	60	99.78	02/24-10/37	15 Year	15,000,000	3132CXE24	
FN FS3492	4.50	5.01	4.52	60	99.78	02/24-05/37	15 Year	12,744,827	3140XJ3A9	
FR SB8217	5.00	4.96	4.76	84	100.88	02/24-08/37	15 Year	12,701,661	3132D6DW7	
FR SB8277	5.00	5.53	4.79	86	100.88	02/24-10/38	15 Year	10,000,000	3132D6FS4	
FN MA4766	4.50	6.76	4.77	83	98.50	02/24-04/42	20 Year	8,449,264	31418EJL5	
FN MA5020	5.00	6.46	4.94	100	100.22	02/24-12/42	20 Year	13,827,346	31418ESJ0	

CMOs										
Issue	Coupon	WAL	Yield	I Spread	Price	FMED U300 % Change	Principal Window	Type	Current Face	Cusip
FNR 2022-67 JC	4.50	3.35	4.80	74	98.94	-12.2%	02/24-04/31	AD,SEQ	8,351,061	3136BPBM2
GNR 2023-60 H	5.00	2.36	4.97	73	99.91	-9.8%	02/24-11/28	SEQ	15,171,227	38383XPQ1

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Treasury Offerings 1/2/2024

Bullets							
Issuer	Coupon	Maturity	Price	Yield	Years	Cusip	
TREASURY BILL	0.000	1/23/2024	99.7232	5.080	0.06	912797JA6	
TREASURY BILL	0.000	2/20/2024	99.3163	5.249	0.13	912797JE8	
TREASURY BILL	0.000	3/28/2024	98.7872	5.286	0.24	912797GY7	
TREASURY BILL	0.000	4/23/2024	98.4201	5.293	0.31	912797JP3	
TREASURY BILL	0.000	5/23/2024	98.0314	5.213	0.39	912797HR1	
TREASURY BILL	0.000	6/20/2024	97.6578	5.194	0.47	912796ZW2	
US TREASURY N/B	2.125	7/31/2024	98.3648	5.037	0.58	9128282N9	
US TREASURY N/B	0.375	8/15/2024	97.2125	5.020	0.62	91282CCT6	
US TREASURY N/B	0.375	9/15/2024	96.8922	4.960	0.70	91282CCX7	
US TREASURY N/B	4.375	10/31/2024	99.6188	4.845	0.83	91282CFQ9	
US TREASURY N/B	0.750	11/15/2024	96.5563	4.861	0.87	91282CDH1	
US TREASURY N/B	1.000	12/15/2024	96.4977	4.823	0.95	91282CDN8	
US TREASURY N/B	1.125	1/15/2025	96.4089	4.729	1.04	91282CDS7	
US TREASURY N/B	1.500	2/15/2025	96.5613	4.695	1.12	91282CDZ1	
US TREASURY N/B	1.750	3/15/2025	96.6589	4.648	1.20	91282CED9	
US TREASURY N/B	2.625	4/15/2025	97.5534	4.610	1.28	91282CEH0	
US TREASURY N/B	2.750	5/15/2025	97.6120	4.572	1.37	91282CEQ0	
US TREASURY N/B	2.875	6/15/2025	97.7097	4.526	1.45	91282CEU1	
US TREASURY N/B	3.000	7/15/2025	97.8073	4.496	1.53	91282CEY3	
US TREASURY N/B	0.250	8/31/2025	93.3425	4.464	1.66	91282CAJ0	
US TREASURY N/B	5.000	9/30/2025	100.9363	4.431	1.75	91282CJB8	
US TREASURY N/B	5.000	10/31/2025	101.0456	4.394	1.83	91282CJE2	
US TREASURY N/B	4.875	11/30/2025	100.9245	4.362	1.91	91282CJL6	
US TREASURY N/B	4.000	12/15/2025	99.3777	4.336	1.95	91282CGA3	
US TREASURY N/B	3.875	1/15/2026	99.1850	4.297	2.04	91282CGE5	
US TREASURY N/B	4.000	2/15/2026	99.4819	4.257	2.12	91282CGL9	
US TREASURY N/B	4.625	3/15/2026	100.7944	4.240	2.20	91282CGR6	
US TREASURY N/B	3.750	4/15/2026	99.0131	4.206	2.28	91282CGV7	
US TREASURY N/B	3.625	5/15/2026	98.7709	4.174	2.37	91282CHB0	
US TREASURY N/B	4.125	6/15/2026	99.8881	4.173	2.45	91282CHH7	
US TREASURY N/B	4.500	7/15/2026	100.8178	4.156	2.53	91282CHM6	
US TREASURY N/B	4.375	8/15/2026	100.5522	4.149	2.62	91282CHU8	
US TREASURY N/B	4.625	9/15/2026	101.2475	4.129	2.70	91282CHY0	
US TREASURY N/B	4.625	10/15/2026	101.3413	4.108	2.79	91282CJC6	
US TREASURY N/B	4.625	11/15/2026	101.4272	4.090	2.87	91282CJH8	
US TREASURY N/B	4.375	12/15/2026	100.8022	4.083	2.95	91282CJP7	
US TREASURY N/B	1.500	1/31/2027	92.7306	4.036	3.08	912828Z78	
US TREASURY N/B	1.875	2/28/2027	93.6447	4.039	3.16	91282CEC1	
US TREASURY N/B	0.625	3/31/2027	89.8009	4.013	3.24	912828ZE3	
US TREASURY N/B	2.750	4/30/2027	96.0744	4.022	3.33	91282CEN7	

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Issuer	Coupon	Maturity	Price	Yield	Years	Cusip
US TREASURY N/B	2.625	5/31/2027	95.5900	4.022	3.41	91282CET4
US TREASURY N/B	3.250	6/30/2027	97.5744	4.001	3.49	91282CEW7
US TREASURY N/B	2.750	7/31/2027	95.8556	4.005	3.58	91282CFB2
US TREASURY N/B	3.125	8/31/2027	97.0431	4.001	3.66	91282CFH9
US TREASURY N/B	4.125	9/30/2027	100.4728	3.986	3.75	91282CFM8
US TREASURY N/B	4.125	10/31/2027	100.4728	3.989	3.83	91282CFU0
US TREASURY N/B	3.875	11/30/2027	99.6213	3.980	3.91	91282CFZ9
US TREASURY N/B	3.875	12/31/2027	99.6759	3.963	4.00	91282CGC9
US TREASURY N/B	3.500	1/31/2028	98.2919	3.957	4.08	91282CGH8
US TREASURY N/B	4.000	2/29/2028	100.1747	3.953	4.16	91282CGP0
US TREASURY N/B	3.625	3/31/2028	98.7606	3.944	4.25	91282CGT2
US TREASURY N/B	1.250	4/30/2028	89.3934	3.941	4.33	91282CBZ3
US TREASURY N/B	2.875	5/15/2028	95.7684	3.939	4.37	9128284N7
US TREASURY N/B	1.250	6/30/2028	89.0419	3.935	4.50	91282CCH2
US TREASURY N/B	1.000	7/31/2028	87.8153	3.936	4.58	91282CCR0
US TREASURY N/B	2.875	8/15/2028	95.5497	3.938	4.62	9128284V9
US TREASURY N/B	4.625	9/30/2028	103.0263	3.918	4.75	91282CJA0
US TREASURY N/B	4.875	10/31/2028	104.1669	3.917	4.83	91282CJF9
US TREASURY N/B	4.375	11/30/2028	102.1122	3.897	4.92	91282CJN2
US TREASURY N/B	1.375	12/31/2028	88.5497	3.923	5.00	91282CDP3
US TREASURY N/B	1.750	1/31/2029	90.0797	3.924	5.08	91282CDW8
US TREASURY N/B	2.625	2/15/2029	94.0406	3.921	5.13	9128286B1
US TREASURY N/B	2.375	3/31/2029	92.7203	3.925	5.25	91282CEE7
US TREASURY N/B	2.875	4/30/2029	94.9938	3.925	5.33	91282CEM9
US TREASURY N/B	2.750	5/31/2029	94.2750	3.935	5.41	91282CE56
US TREASURY N/B	3.250	6/30/2029	96.6422	3.936	5.50	91282CEV9
US TREASURY N/B	2.625	7/31/2029	93.5016	3.934	5.58	91282CFC0
US TREASURY N/B	3.125	8/31/2029	95.8844	3.943	5.67	91282CFJ5
US TREASURY N/B	3.875	9/30/2029	99.6344	3.946	5.75	91282CFL0
US TREASURY N/B	4.000	10/31/2029	100.3063	3.940	5.83	91282CFT3
US TREASURY N/B	3.875	11/30/2029	99.6422	3.943	5.92	91282CFY2
US TREASURY N/B	3.875	12/31/2029	99.6422	3.943	6.00	91282CGB1
US TREASURY N/B	3.500	1/31/2030	97.6566	3.937	6.08	91282CGJ4
US TREASURY N/B	4.000	2/28/2030	100.3128	3.942	6.16	91282CGQ8
US TREASURY N/B	3.625	3/31/2030	98.2738	3.939	6.25	91282CGS4
US TREASURY N/B	3.500	4/30/2030	97.5628	3.938	6.33	91282CGZ8
US TREASURY N/B	3.750	5/31/2030	98.9300	3.940	6.41	91282CHF1
US TREASURY N/B	3.750	6/30/2030	98.9144	3.941	6.50	91282CHJ3
US TREASURY N/B	4.000	7/31/2030	100.3675	3.936	6.58	91282CHR5
US TREASURY N/B	4.625	9/30/2030	104.0238	3.939	6.75	91282CHZ7

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Issuer	Coupon	Maturity	Price	Yield	Years	Cusip	
US TREASURY N/B	4.875	10/31/2030	105.5550	3.938	6.83	91282CJG7	
US TREASURY N/B	4.375	11/30/2030	102.6019	3.941	6.92	91282CJM4	
US TREASURY N/B	1.125	2/15/2031	83.3662	3.816	7.13	91282CBL4	
US TREASURY N/B	1.625	5/15/2031	85.6319	3.887	7.37	91282CCB5	
US TREASURY N/B	1.250	8/15/2031	82.6162	3.911	7.62	91282CCS8	
US TREASURY N/B	1.375	11/15/2031	82.8506	3.931	7.87	91282CDJ7	
US TREASURY N/B	1.875	2/15/2032	85.8025	3.935	8.13	91282CDY4	
US TREASURY N/B	2.875	5/15/2032	92.4900	3.937	8.37	91282CEP2	
US TREASURY N/B	2.750	8/15/2032	91.3806	3.939	8.62	91282CFF3	
US TREASURY N/B	4.125	11/15/2032	101.4119	3.934	8.88	91282CFV8	
US TREASURY N/B	3.500	2/15/2033	96.8000	3.920	9.13	91282CGM7	
US TREASURY N/B	3.375	5/15/2033	95.7844	3.917	9.37	91282CHC8	
US TREASURY N/B	3.875	8/15/2033	99.6438	3.919	9.62	91282CHT1	
US TREASURY N/B	4.500	11/15/2033	104.7063	3.920	9.88	91282CJJ1	

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