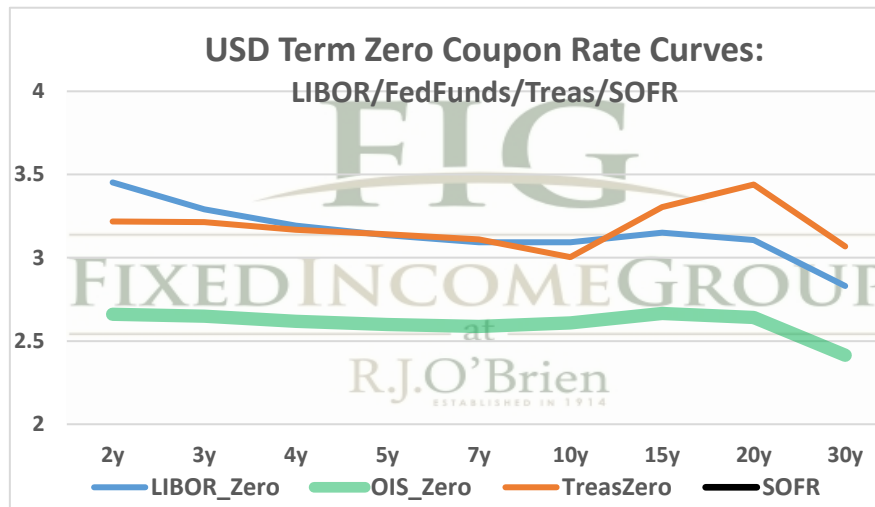
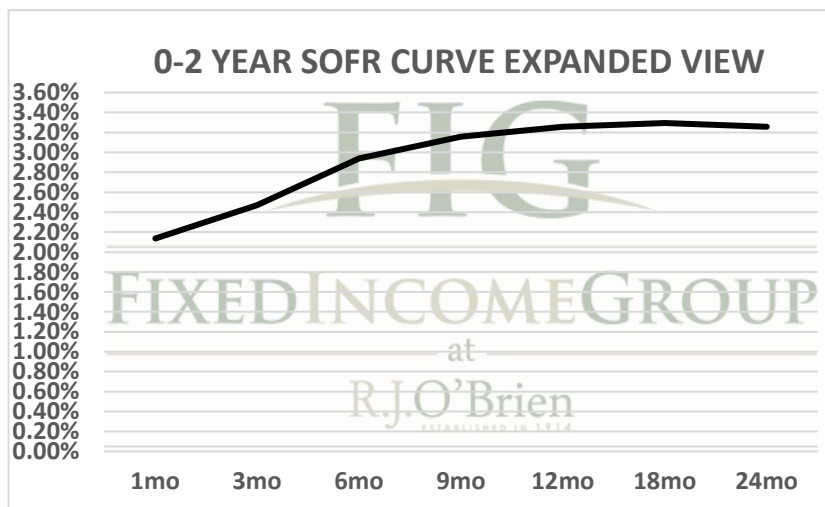


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Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to offer a few options for users: compounded, setting in arrears (currently used in OIS markets) or a term rate setting in advance like LIBOR. You have questions, we have answers.



** Futures indicative prices supplied for analytics purposes only. Rates are not intended as a real-time offer to buy or sell.

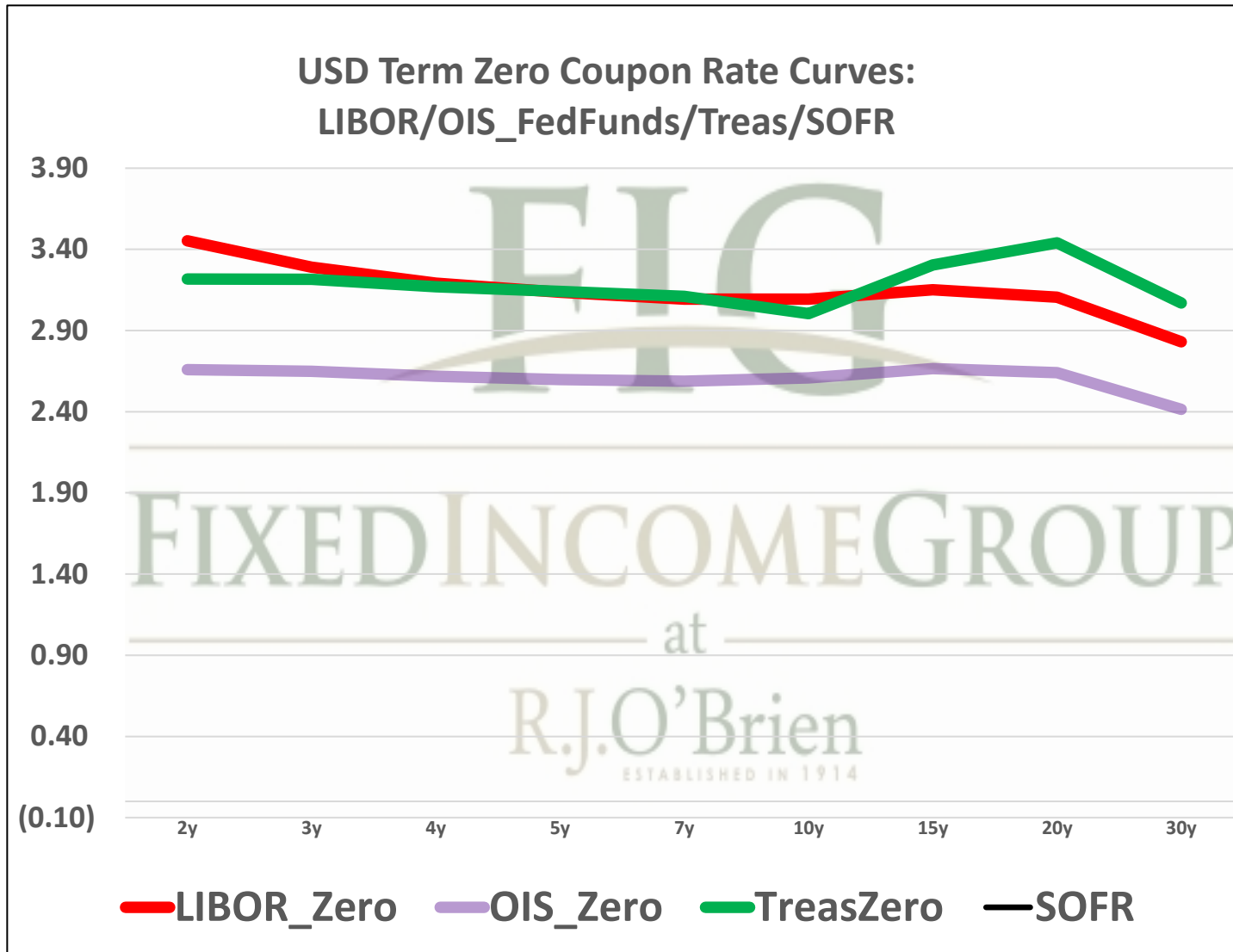
Term SOFR from 1-day Returns							
2.13572%	2.47155%	2.93730%	3.15708%	3.25730%	3.29382%	3.25631%	3.15899%
1.00183909	1.006316184	1.015012844	1.02402886	1.033025424	1.050230758	1.066121258	1.096173655
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
7/20/2022	7/20/2022	7/20/2022	7/20/2022	7/20/2022	7/20/2022	7/20/2022	7/20/2022
8/19/2022	10/19/2022	1/19/2023	4/19/2023	7/19/2023	1/19/2024	7/19/2024	7/19/2025
31	92	184	274	365	549	731	1096
AMERIBOR 30T Term Curve							
1.89177%	2.32447%	2.86896%	3.14865%	3.30593%	3.40098%	3.40567%	3.36497%
1.00147823	1.005769989	1.014414509	1.02375094	1.033311135	1.051666303	1.06896699	1.102720133
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
7/18/2022	7/18/2022	7/18/2022	7/18/2022	7/18/2022	7/18/2022	7/18/2022	7/18/2022
8/18/2022	10/18/2022	1/18/2023	4/18/2023	7/18/2023	1/18/2024	7/18/2024	7/18/2025
31	92	184	274	365	549	731	1096

For more information on the Libor replacement, contact: Rocco Chierici: 312-373-5439 SVP the Fixed Income Group at I
Corrine Baynes: 800-367-3349 VP the Fixed Income Group at R.

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