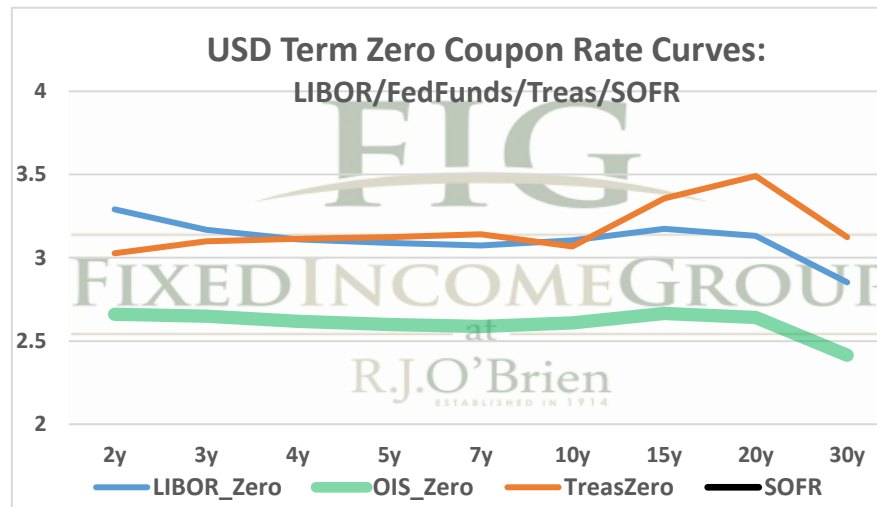
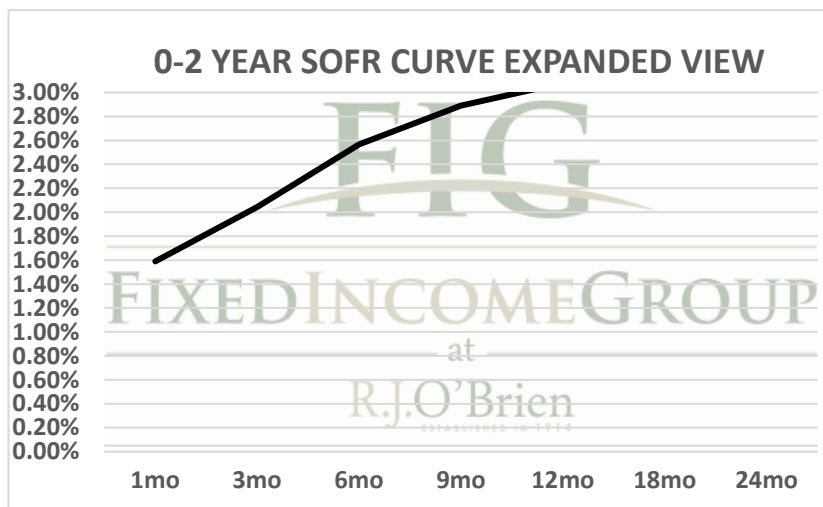


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Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to offer a few options for users: compounded, setting in arrears (currently 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.

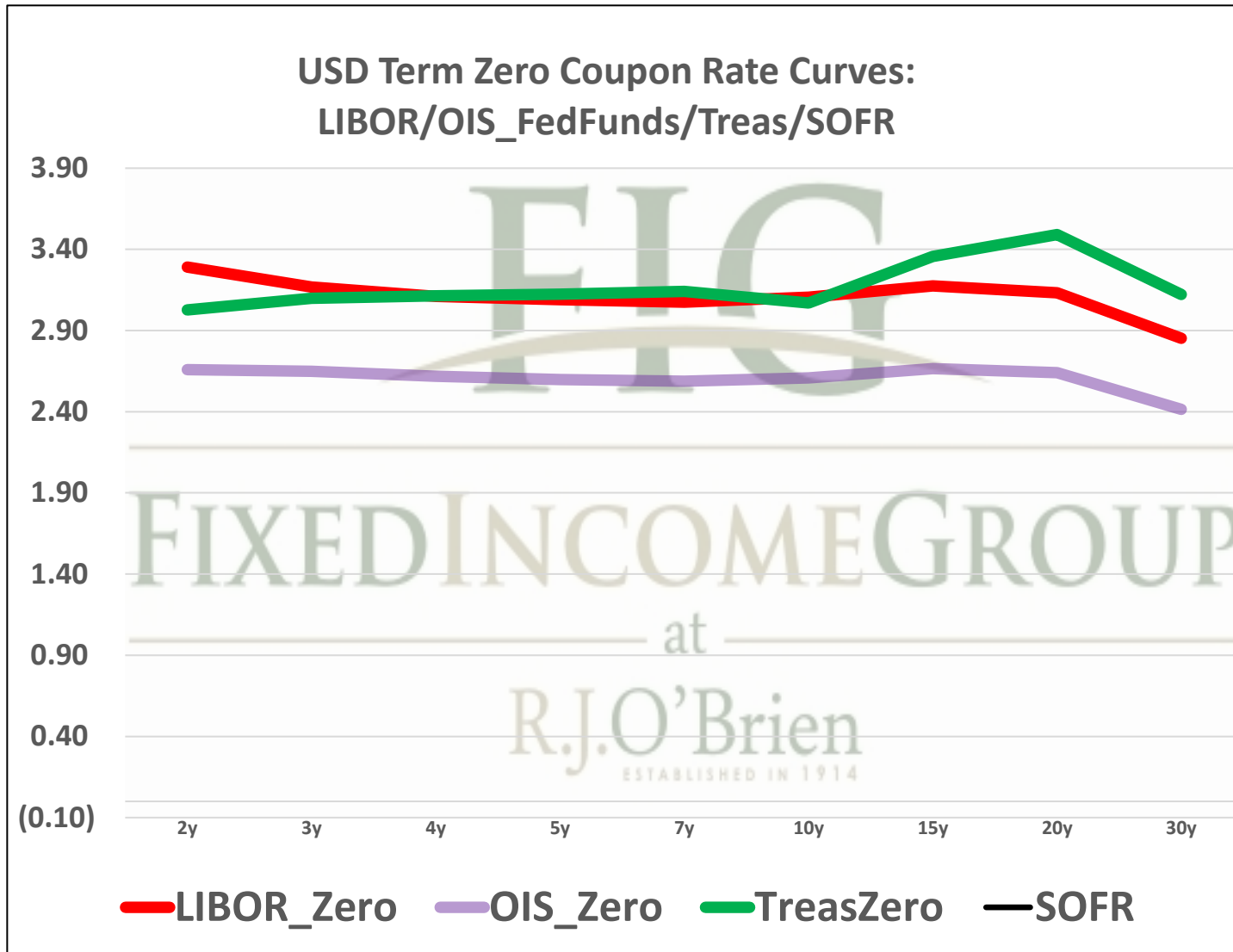
Term SOFR from 1-day Returns							
1.58948%	2.04240%	2.56637%	2.88977%	3.07868%	3.18807%	3.17672%	3.12061%
1.00132457	1.005219473	1.013045739	1.02191411	1.03121438	1.048529471	1.06450513	1.095005209
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
6/29/2022	6/29/2022	6/29/2022	6/29/2022	6/29/2022	6/29/2022	6/29/2022	6/29/2022
7/28/2022	9/28/2022	12/28/2022	3/28/2023	6/28/2023	12/28/2023	6/28/2024	6/28/2025
30	92	183	273	365	548	731	1096
AMERIBOR 30T Term Curve							
1.75890%	2.12346%	2.64800%	2.99837%	3.19711%	3.33995%	3.36477%	3.35464%
1.00105831	1.004843107	1.012650273	1.02190027	1.031575862	1.050052906	1.067575595	1.101390494
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022
7/21/2022	9/21/2022	12/21/2022	3/21/2023	6/21/2023	12/21/2023	6/21/2024	6/21/2025
30	92	183	273	365	548	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.

The risk of loss in trading futures and/or options is substantial, and each investor and/or trader must consider whether this is a suitable investment.

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