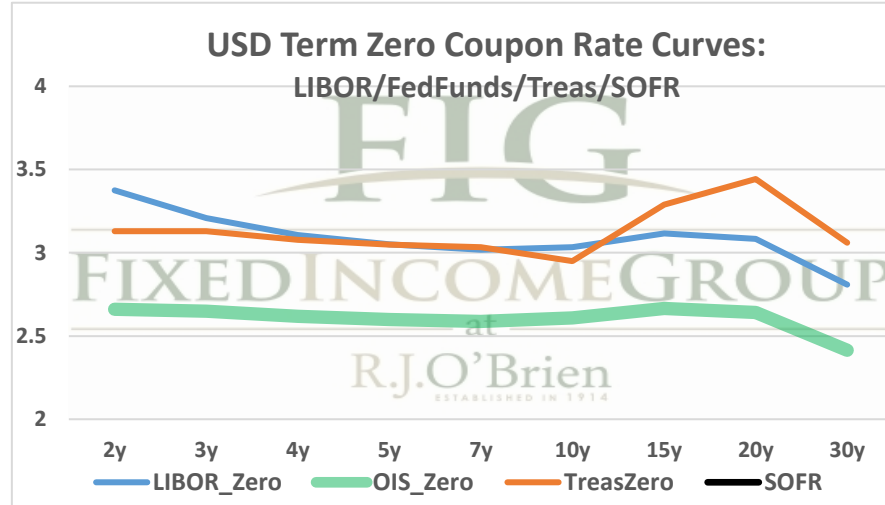
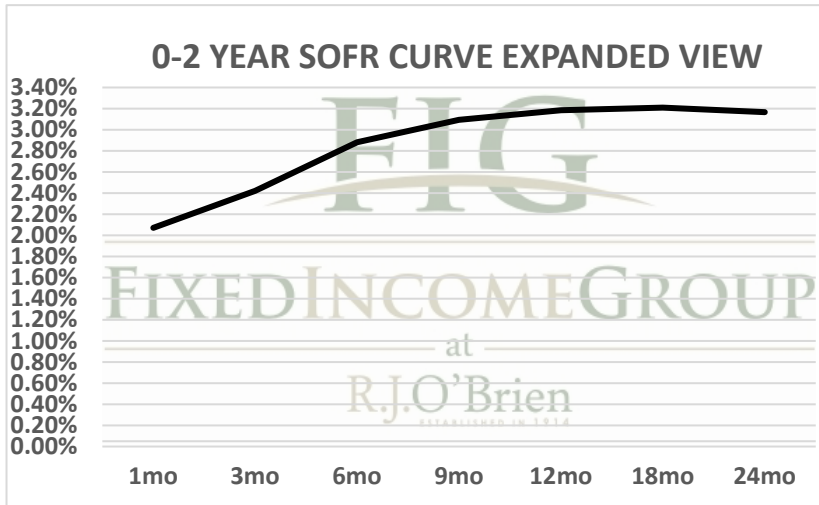


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Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to offer a few options for users: compounded, setting in arrears (currently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

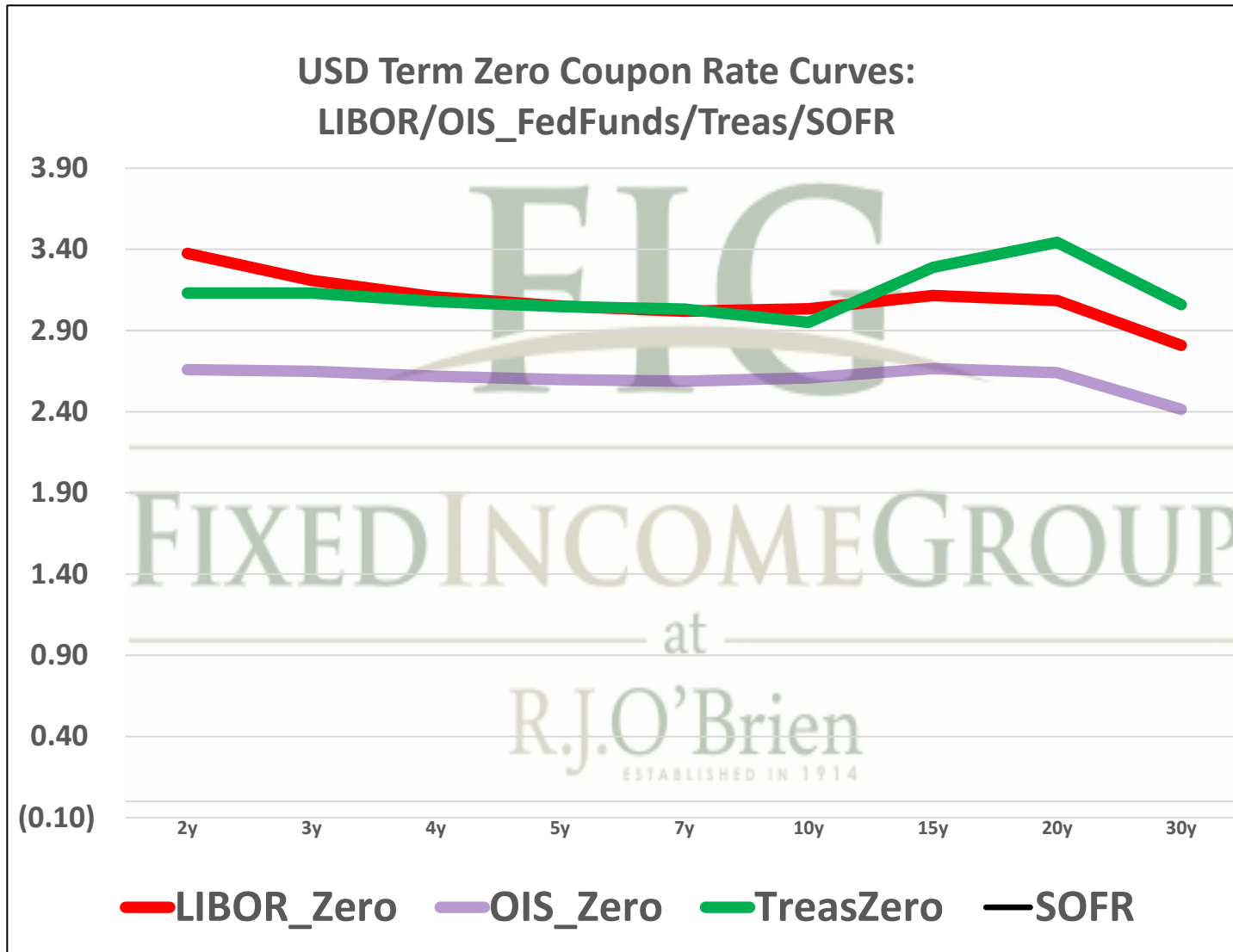
Term SOFR from 1-day Returns							
2.07084%	2.42124%	2.88226%	3.09409%	3.18580%	3.20935%	3.16499%	3.05776%
1.00178323	1.006187613	1.014731544	1.02354944	1.032300508	1.048942516	1.064266885	1.09309195
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
7/18/2022	7/18/2022	7/18/2022	7/18/2022	7/18/2022	7/18/2022	7/18/2022	7/18/2022
8/17/2022	10/17/2022	1/17/2023	4/17/2023	7/17/2023	1/17/2024	7/17/2024	7/17/2025
31	92	184	274	365	549	731	1096
AMERIBOR 30T Term Curve							
1.82989%	2.29614%	2.83956%	3.13366%	3.29541%	3.39467%	3.40159%	3.36229%
1.0015751	1.005867281	1.014512637	1.02384998	1.033411091	1.051768035	1.069070395	1.102826803
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.

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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