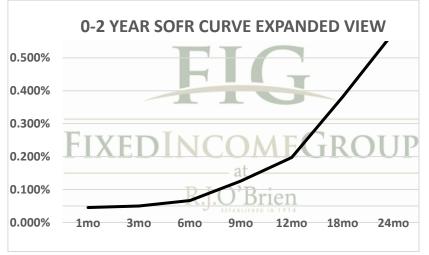
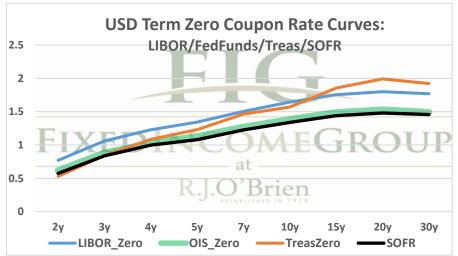
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Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to offer a few options for users: compounded, setting in arrears (currently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

| | • • | <i>.</i> | • | | | • | |
|------------------------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|
| Term SOFR from 1-day Returns | | | | | | | |
| 0.04524% | 0.04968% | 0.06648% | 0.12576% | 0.19734% | 0.38088% | 0.57681% | 0.85512% |
| 1.0000377 | 1.000126968 | 1.000334245 | 1.0009537 | 1.00200076 | 1.005776701 | 1.011696339 | 1.02603362 |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo | 36mo |
| 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 |
| 12/11/2021 | 2/11/2022 | 5/11/2022 | 8/11/2022 | 11/11/2022 | 5/11/2023 | 11/11/2023 | 11/11/2024 |
| 30 | 92 | 181 | 273 | 365 | 546 | 730 | 1096 |
| AMERIBOR 30T Term Curve | | | | | | | |
| 0.09839% | 0.10041% | 0.11265% | 0.15631% | 0.22259% | 0.39038% | 0.58377% | 0.86868% |
| 1.00008256 | 1.000256612 | 1.000566355 | 1.00118537 | 1.002256836 | 1.005920805 | 1.011837635 | 1.026446552 |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo | 36mo |
| 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 | 11/12/2021 |
| 12/12/2021 | 2/12/2022 | 5/12/2022 | 8/12/2022 | 11/12/2022 | 5/12/2023 | 11/12/2023 | 11/12/2024 |
| 30 | 92 | 181 | 273 | 365 | 546 | 730 | 1096 |

For more information on the Libor replacement, contact:

Rocco Chierici:
Corrine Baynes:

312-373-5439 800-367-3349 SVP the Fixed Income Group at RJO VP the Fixed Income Group at RJO

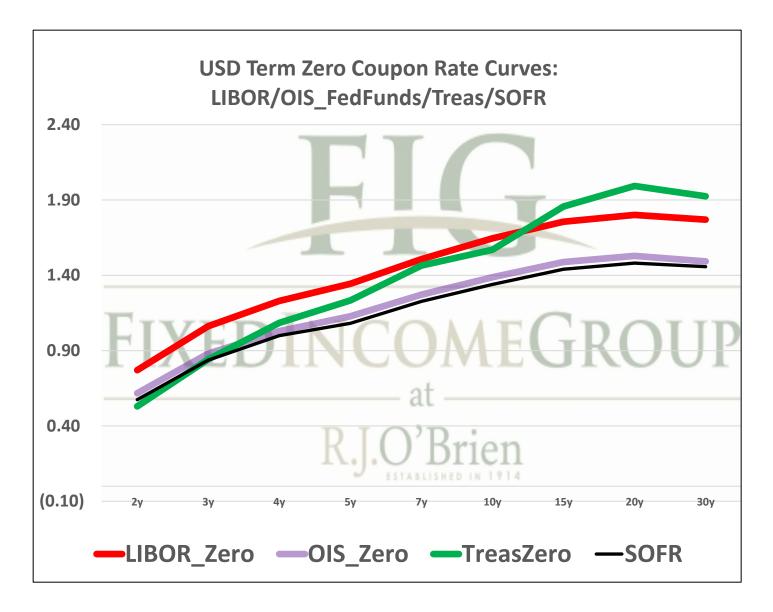
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The risk of loss in trading futures and/or options is substantial, and each investor and/or trader must consider whether this is a suitable investment.

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