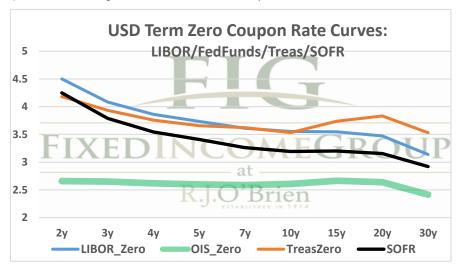
THE STIR CURVE: Distributed by The Fixed Income Group at RJ O'Brien

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 | | | | | | | | |
|------------------------------|-------------|-------------|------------|-------------|--------------------|-------------|-------------|--|
| 4.32141% | 4.51768% | 4.71374% | 4.80540% | 4.81901% | 4.66491% | 4.40535% | 4.03751% | |
| 1.00372121 | 1.011294212 | 1.023830559 | 1.03657442 | 1.048859401 | 1.071010335 | 1.089453052 | 1.122919689 | |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo | 36mo | |
| 12/17/2022 | 12/17/2022 | 12/17/2022 | 12/17/2022 | 12/17/2022 | 12/17/2022 | 12/17/2022 | 12/17/2022 | |
| 1/16/2023 | 3/16/2023 | 6/16/2023 | 9/16/2023 | 12/16/2023 | 6/16/2024 | 12/16/2024 | 12/16/2025 | |
| 31 | 90 | 182 | 274 | 365 | 548 | 731 | 1096 | |
| | | | | | 12/20/2022 6:36 ct | | | |

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