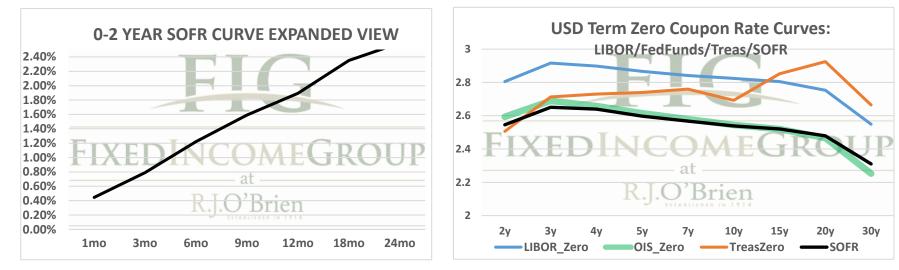
Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to

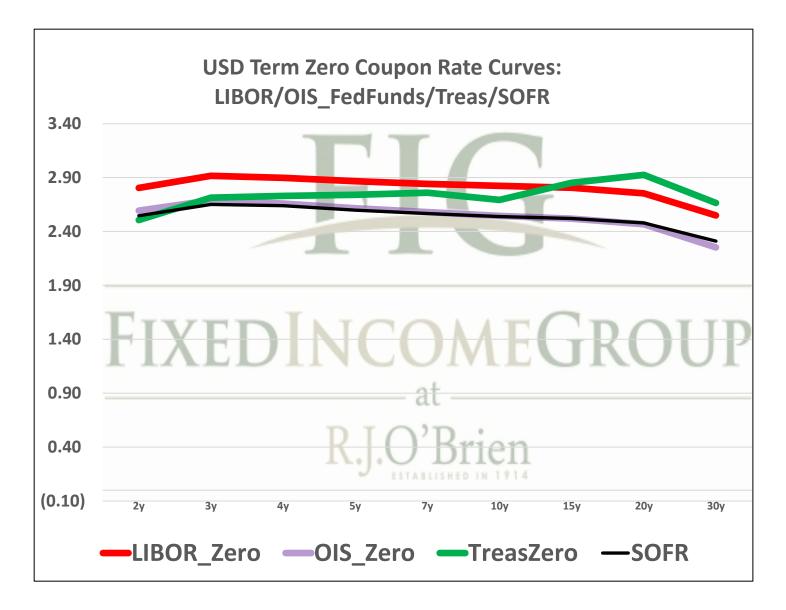
offer a few options for users: compounded, setting in arrears (currently used in OIS markets) or a term rate setting in advance like LIBOR. You have questions, we have answers.



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

For

| Term SOFR from 1-day Returns | | | | | | | | |
|--|-------------|-------------|------------------------|-----------------|----------------|--------------------------------|-------------------------------|--|
| 0.44552% | 0.78991% | 1.22111% | 1.59086% | 1.89385% | 2.34978% | 2.59395% | 2.76151% | |
| 1.00037127 | 1.001996705 | 1.006207324 | 1.01215239 | 1.019201521 | 1.035768856 | 1.052671671 | 1.084072591 | |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo | 36mo | |
| 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | |
| 5/10/2022 | 7/10/2022 | 10/10/2022 | 1/10/2023 | 4/10/2023 | 10/10/2023 | 4/10/2024 | 4/10/2025 | |
| 30 | 91 | 183 | 275 | 365 | 548 | 731 | 1096 | |
| AMERIBOR 30T Term Curve | | | | | | | | |
| 0.47734% | 0.80686% | 1.24747% | 1.62228% | 1.92321% | 2.37434% | 2.62456% | 2.80308% | |
| 1.00041206 | 1.002070316 | 1.006395296 | 1.01246584 | 1.019581285 | 1.036237794 | 1.05338457 | 1.085423798 | |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo | 36mo | |
| 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | 4/11/2022 | |
| 5/11/2022 | 7/11/2022 | 10/11/2022 | 1/11/2023 | 4/11/2023 | 10/11/2023 | 4/11/2024 | 4/11/2025 | |
| 30 | 91 | 183 | 275 | 365 | 548 | 731 | 1096 | |
| ore information on the Libor replacement, contact: | | | | Rocco Chierici: | 312-373-543 | 39 SVP the Fix | SVP the Fixed Income Group at | |
| | | | Corrine Baynes: | 800-367-334 | 49 VP the Fixe | VP the Fixed Income Group at F | | |



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NO SIO