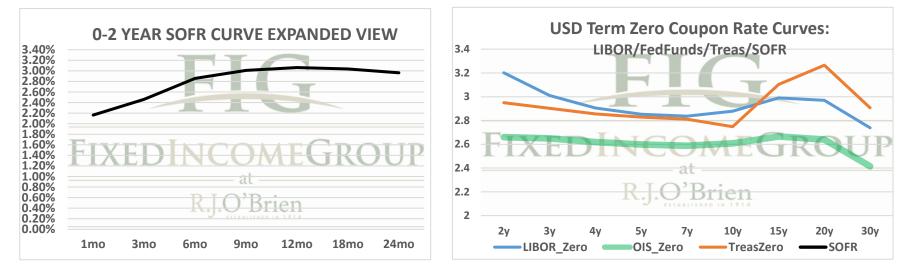
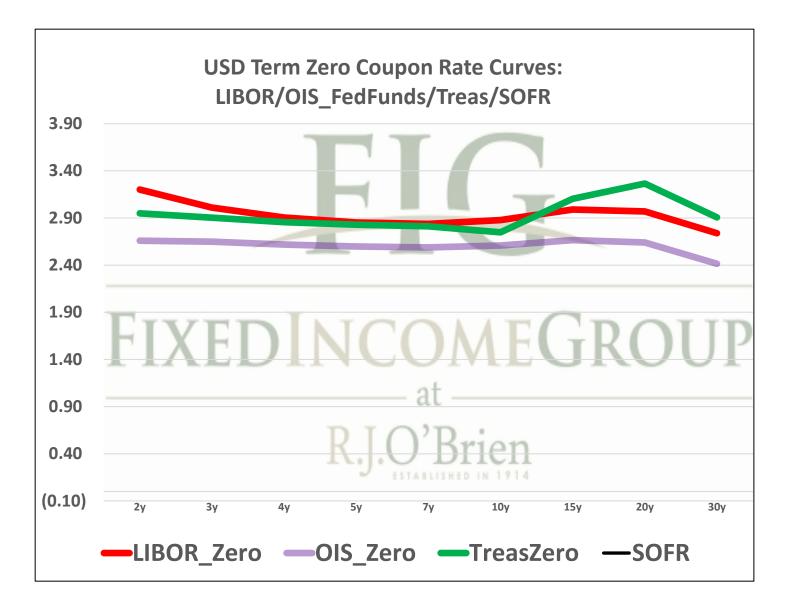
Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to

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 | | | | | | | |
|--|-------------|-------------|------------------------|-----------------|----------------|------------------------------|-------------|
| 2.16291% | 2.46101% | 2.85697% | 3.00944% | 3.06231% | 3.03687% | 2.96382% | 2.82923% |
| 1.00186251 | 1.006289258 | 1.014602291 | 1.0229052 | 1.03104837 | 1.046312295 | 1.06018193 | 1.086134338 |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo | 36mo |
| 7/22/2022 | 7/22/2022 | 7/22/2022 | 7/22/2022 | 7/22/2022 | 7/22/2022 | 7/22/2022 | 7/22/2022 |
| 8/21/2022 | 10/21/2022 | 1/21/2023 | 4/21/2023 | 7/21/2023 | 1/21/2024 | 7/21/2024 | 7/21/2025 |
| 31 | 92 | 184 | 274 | 365 | 549 | 731 | 1096 |
| AMERIBOR 30T Term Curve | | | | | | | |
| 1.96350% | 2.38068% | 2.90183% | 3.17849% | 3.32687% | 3.41302% | 3.41400% | 3.35803% |
| 1.0012845 | 1.005575433 | 1.014218281 | 1.02355291 | 1.033111252 | 1.051462869 | 1.068760209 | 1.102506823 |
| 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 |
| ore information on the Libor replacement, contact: | | | | Rocco Chierici: | 312-373-543 | SVP the Fixed Income Group a | |
| | | | Corrine Baynes: | 800-367-334 | 19 VP the Fixe | VP the Fixed Income Group at | |



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