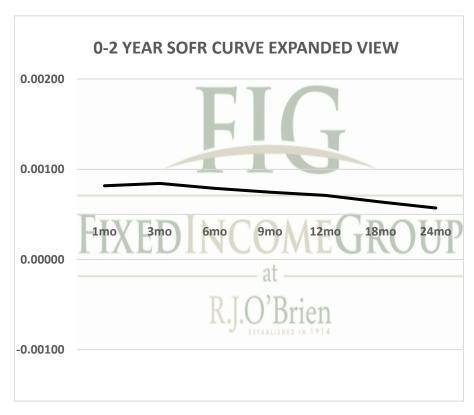
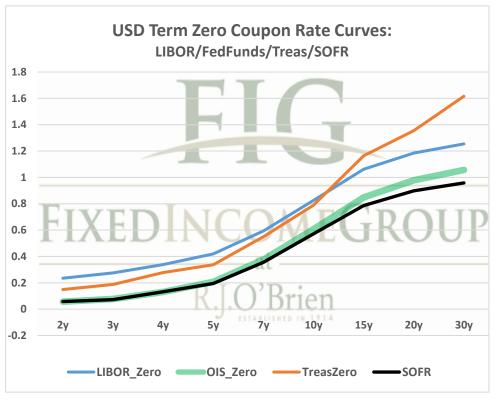
THE SOFR CURVE

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 two 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.





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10/20/2020 6:27 ct

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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| Term SOFR from 1-day Returns | | | | | | |
|-------------------------------------|-------------|------------|-------------|-------------|-------------|------------|
| 0.08173% | 0.08432% | 0.07887% | 0.07452% | 0.07105% | 0.06382% | 0.05704% |
| 1.000070382 | 1.000215483 | 1.00039874 | 1.000565139 | 1.000720419 | 1.000969689 | 1.00115671 |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo |
| 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 |
| 11/19/2020 | 1/19/2021 | 4/19/2021 | 7/19/2021 | 10/19/2021 | 4/19/2022 | 10/19/2022 |
| 31 | 92 | 182 | 273 | 365 | 547 | 730 |
| Term SOFR+Credit from 1-day Returns | | | | | | |
| 0.65968% | 0.66063% | 0.65559% | 0.65188% | 0.64898% | 0.64281% | 0.63704% |
| 1.000568056 | 1.001688268 | 1.00331439 | 1.004943394 | 1.006579934 | 1.009767154 | 1.01291784 |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo |
| 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 |
| 11/19/2020 | 1/19/2021 | 4/19/2021 | 7/19/2021 | 10/19/2021 | 4/19/2022 | 10/19/2022 |
| 31 | 92 | 182 | 273 | 365 | 547 | 730 |
| Term AMERIBOR from 1-day Returns | | | | | | |
| 0.09080% | 0.08689% | 0.07899% | 0.07559% | 0.07388% | | |
| 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | | |
| 1mo | 3mo | 6mo | 9mo | 12mo | | |
| 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | | |
| 11/19/2020 | 1/19/2021 | 4/19/2021 | 7/19/2021 | 10/19/2021 | | |
| 31 | 92 | 182 | 273 | 365 | | |
| | Term AN | IERIBOR- | Credit fro | om 1-day | Returns | |
| 0.66685% | 0.66293% | 0.65503% | 0.65163% | 0.64992% | | |
| 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | | |
| 1mo | 3mo | 6mo | 9mo | 12mo | | |
| 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | 10/20/2020 | | |
| 11/19/2020 | 1/19/2021 | 4/19/2021 | 7/19/2021 | 10/19/2021 | | |
| 31 | 92 | 182 | 273 | 365 | | |

