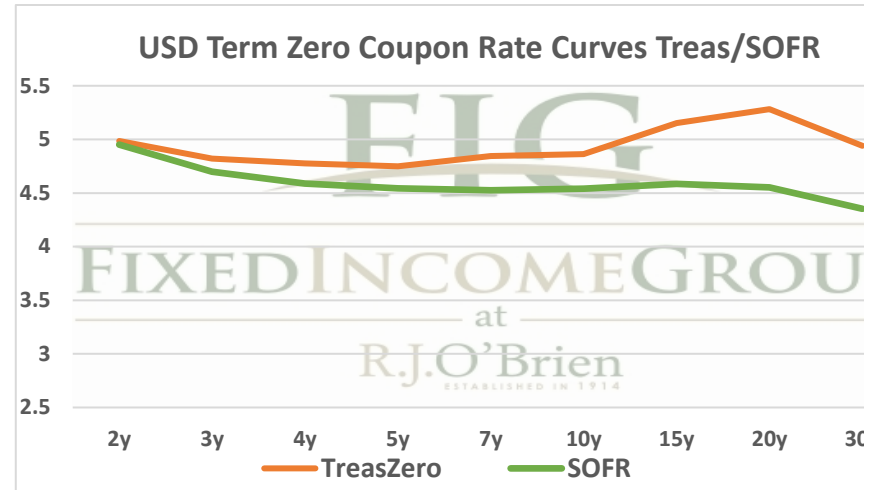
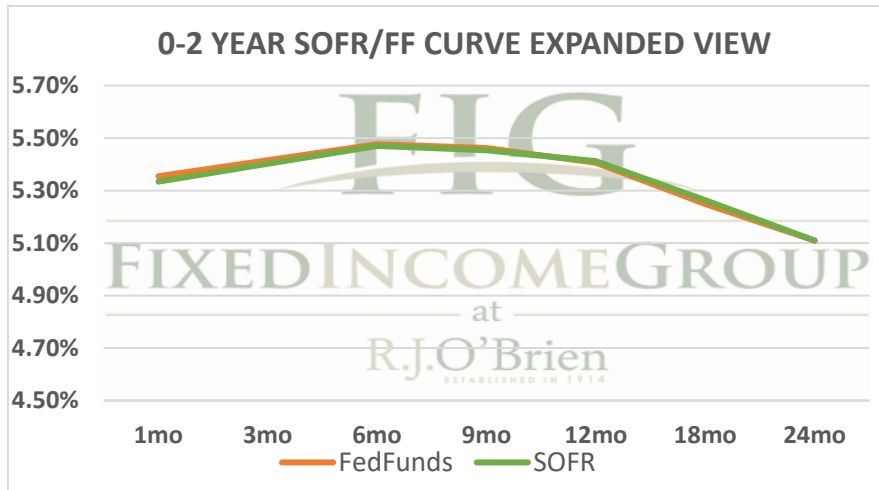


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** Futures indicative prices supplied for analytics purposes only. Rates are not intended as a real-time offer to buy or sell.

| Term SOFR from 1-day Returns | | | | | | | |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 5.33403% | 5.40258% | 5.46996% | 5.45397% | 5.41177% | 5.26359% | 5.10928% | 4.97000% |
| 1.004445022 | 1.013806601 | 1.027653683 | 1.041510768 | 1.055019676 | 1.079977292 | 1.103746814 | 1.151308829 |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo | 36mo |
| 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 |
| 11/30/2023 | 1/31/2024 | 4/30/2024 | 7/31/2024 | 10/31/2024 | 4/30/2025 | 10/31/2025 | 10/31/2026 |
| 30 | 92 | 182 | 274 | 366 | 547 | 731 | 1096 |

| Term FedFunds from 1-day Returns | | | | | | | |
|----------------------------------|------------|------------|------------|------------|------------|------------|--|
| 5.35427% | 5.41613% | 5.47645% | 5.46238% | 5.40631% | 5.24898% | 5.10909% | |
| 100.44619% | 101.38412% | 102.76865% | 104.15748% | 105.49642% | 107.97553% | 110.37429% | |
| 1mo | 3mo | 6mo | 9mo | 12mo | 18mo | 24mo | |
| 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 | 11/1/2023 | |
| 11/30/2023 | 1/31/2024 | 4/30/2024 | 7/31/2024 | 10/31/2024 | 4/30/2025 | 10/31/2025 | |
| 30 | 92 | 182 | 274 | 366 | 547 | 731 | |

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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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