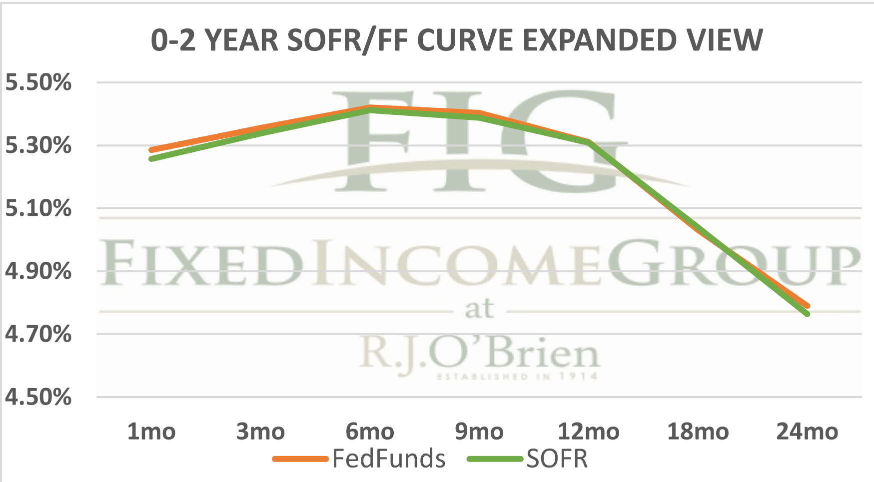
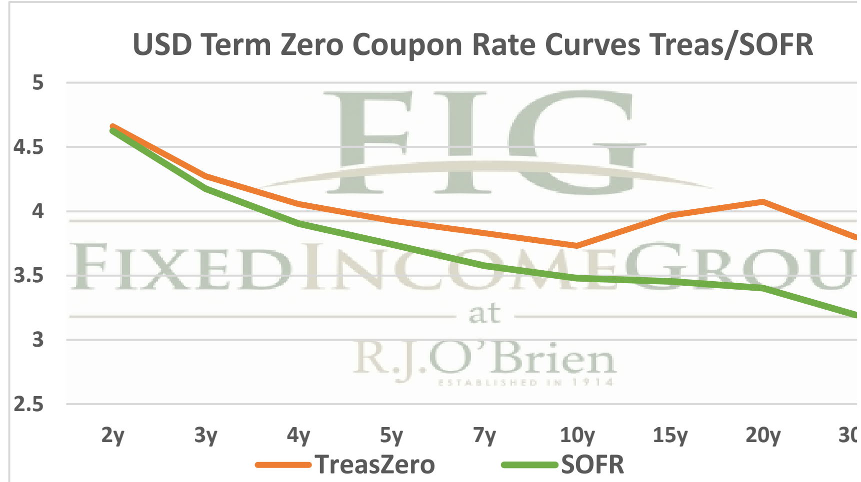
THE STIR CURVE: Distributed by The Fixed Income Group at RJ O'Brien





**** 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							
5.25666%	**5.33836%**	**5.41187%**	**5.38778%**	**5.30850%**	**5.03938%**	**4.76390%**	**4.39253%**
1.004526565	1.013642483	1.027660661	1.041156642	1.053969758	1.076990517	1.096733581	1.133728005
1mo	**3mo**	**6mo**	**9mo**	**12mo**	**18mo**	**24mo**	**36mo**
7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023	7/19/2023
8/18/2023	10/18/2023	1/18/2024	4/18/2024	7/18/2024	1/18/2025	7/18/2025	7/18/2026
31	92	184	275	366	550	731	1096

Term FedFunds from 1-day Returns							
5.28549%	**5.35554%**	**5.42035%**	**5.40316%**	**5.31118%**	**5.03110%**	**4.78996%**	
100.45514%	**101.36864%**	**102.77040%**	**104.12741%**	**105.39970%**	**107.68641%**	**109.72629%**	
1mo	**3mo**	**6mo**	**9mo**	**12mo**	**18mo**	**24mo**	
7/19/2023	**7/19/2023**	**7/19/2023**	**7/19/2023**	**7/19/2023**	**7/19/2023**	**7/19/2023**	
8/18/2023	**10/18/2023**	**1/18/2024**	**4/18/2024**	**7/18/2024**	**1/18/2025**	**7/18/2025**	
31	92	184	275	366	550	731	
						7/19/2023 5:57 ct	

For more information, contact Rocco Chierici (SVP, RJO FIG) or Corrine Baynes (VP, RJO FIG) at RJ O'Brien: 312-373-5439

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