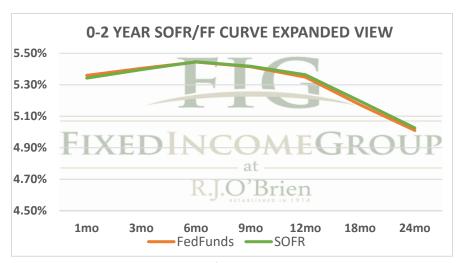
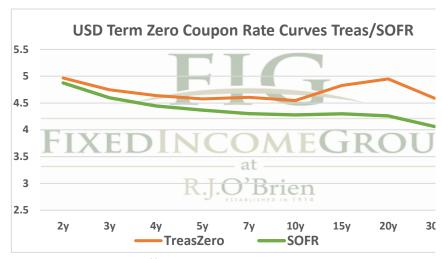
THE STIR CURVE: Distributed by The Fixed Income Group at RJ O'Brien





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

		Te	rm SOFR fro	m 1-day Re	turns		
5.34263%	5.39610%	5.44601%	5.41762%	5.36352%	5.19609%	5.02589%	4.85072%
1.004452193	1.013790038	1.02753263	1.041234085	1.054529139	1.078951734	1.102053407	1.147677412
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
11/13/2023	11/13/2023	11/13/2023	11/13/2023	11/13/2023	11/13/2023	11/13/2023	11/13/2023
12/12/2023	2/12/2024	5/12/2024	8/12/2024	11/12/2024	5/12/2025	11/12/2025	11/12/2026
30	92	182	274	366	547	731	1096

Term FedFunds from 1-day Returns									
5.35962%	5.40380%	5.44420%	5.41478%	5.34844%	5.17231%	5.00968%			
100.44664%	101.38097%	102.75235%	104.12125%	105.43758%	107.85903%	110.17243%			
1mo	3mo	6mo	9mo	12mo	18mo	24mo			
11/13/2023	11/13/2023	11/13/2023	11/13/2023	11/13/2023	11/13/2023	11/13/2023			
12/12/2023	2/12/2024	5/12/2024	8/12/2024	11/12/2024	5/12/2025	11/12/2025			
30	92	182	274	366	547	731			
						11/13/2023 6:18	ct		

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