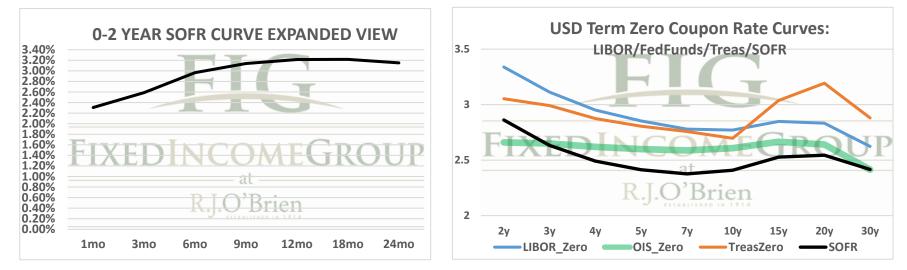
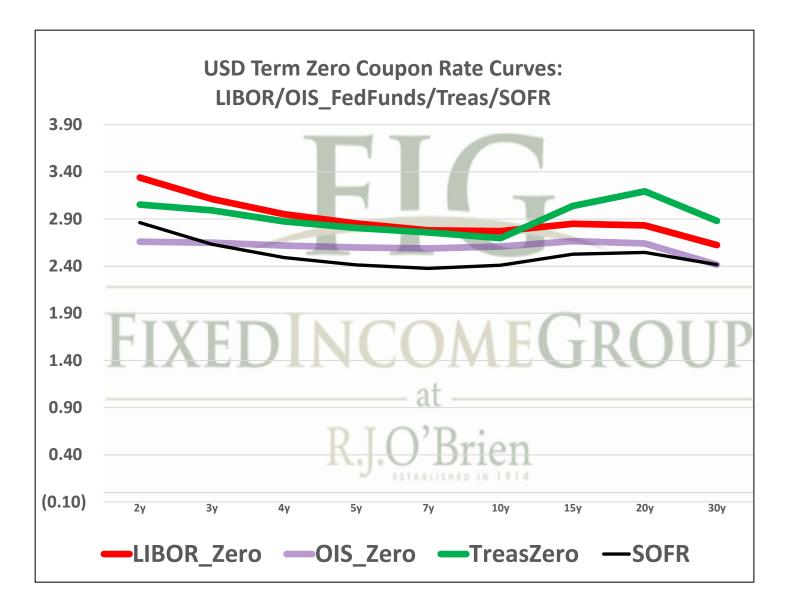
Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to

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								
2.30597%	2.58707%	2.96738%	3.13828%	3.21357%	3.21789%	3.15232%	2.99493%	
1.0019857	1.006611401	1.015166605	1.02379861	1.032582042	1.049072771	1.064009596	1.091179005	
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo	
8/3/2022	8/3/2022	8/3/2022	8/3/2022	8/3/2022	8/3/2022	8/3/2022	8/3/2022	
9/2/2022	11/2/2022	2/2/2023	5/2/2023	8/2/2023	2/2/2024	8/2/2024	8/2/2025	
31	92	184	273	365	549	731	1096	
AMERIBOR 30T Term Curve								
2.46820%	2.66560%	3.07710%	3.25292%	3.32208%	3.22747%	3.11859%	2.93625%	
1.00198794	1.006638498	1.015499385	1.02446648	1.033491224	1.049065003	1.063186923	1.089252756	
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo	
8/1/2022	8/1/2022	8/1/2022	8/1/2022	8/1/2022	8/1/2022	8/1/2022	8/1/2022	
9/1/2022	11/1/2022	2/1/2023	5/1/2023	8/1/2023	2/1/2024	8/1/2024	8/1/2025	
31	92	184	273	365	549	731	1096	
ore information on the Libor replacement, contact:				Rocco Chierici:	312-373-543	39 SVP the Fix	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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