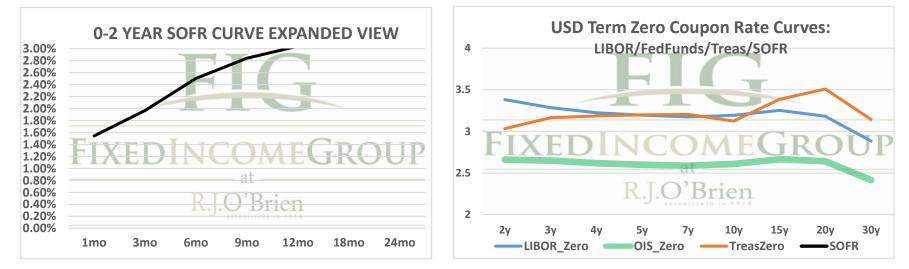
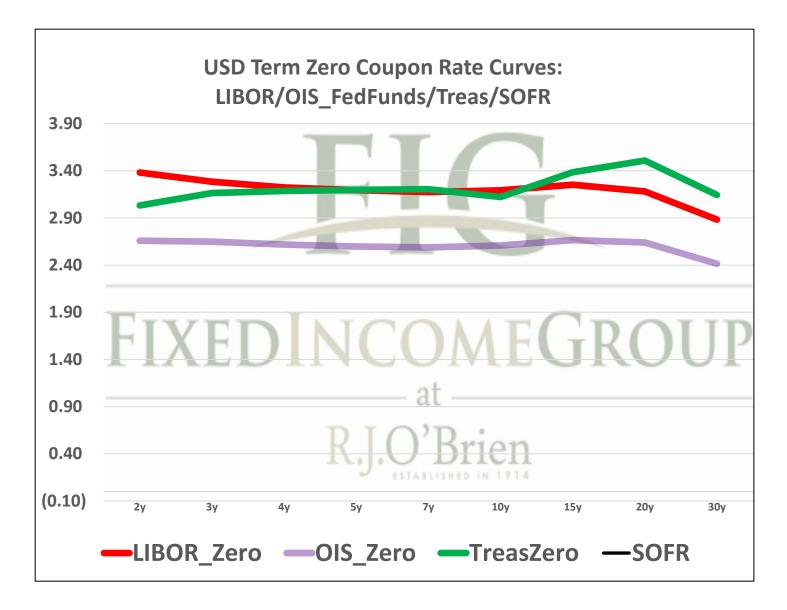
Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to

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								
1.54417%	1.96857%	2.50437%	2.84119%	3.04293%	3.20027%	3.22741%	3.20237%	
1.00128681	1.005030801	1.012730527	1.02154565	1.030851934	1.04871524	1.065534267	1.097494424	
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo	
6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	
7/21/2022	9/21/2022	12/21/2022	3/21/2023	6/21/2023	12/21/2023	6/21/2024	6/21/2025	
30	92	183	273	365	548	731	1096	
AMERIBOR 30T Term Curve								
1.73763%	2.06835%	2.61041%	2.98142%	3.18723%	3.34120%	3.36967%	3.35150%	
1.00139236	1.00521158	1.01316699	1.0225037	1.032210109	1.050752637	1.068329764	1.101943061	
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo	
6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	6/21/2022	
7/21/2022	9/21/2022	12/21/2022	3/21/2023	6/21/2023	12/21/2023	6/21/2024	6/21/2025	
30	92	183	273	365	548	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 F		



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