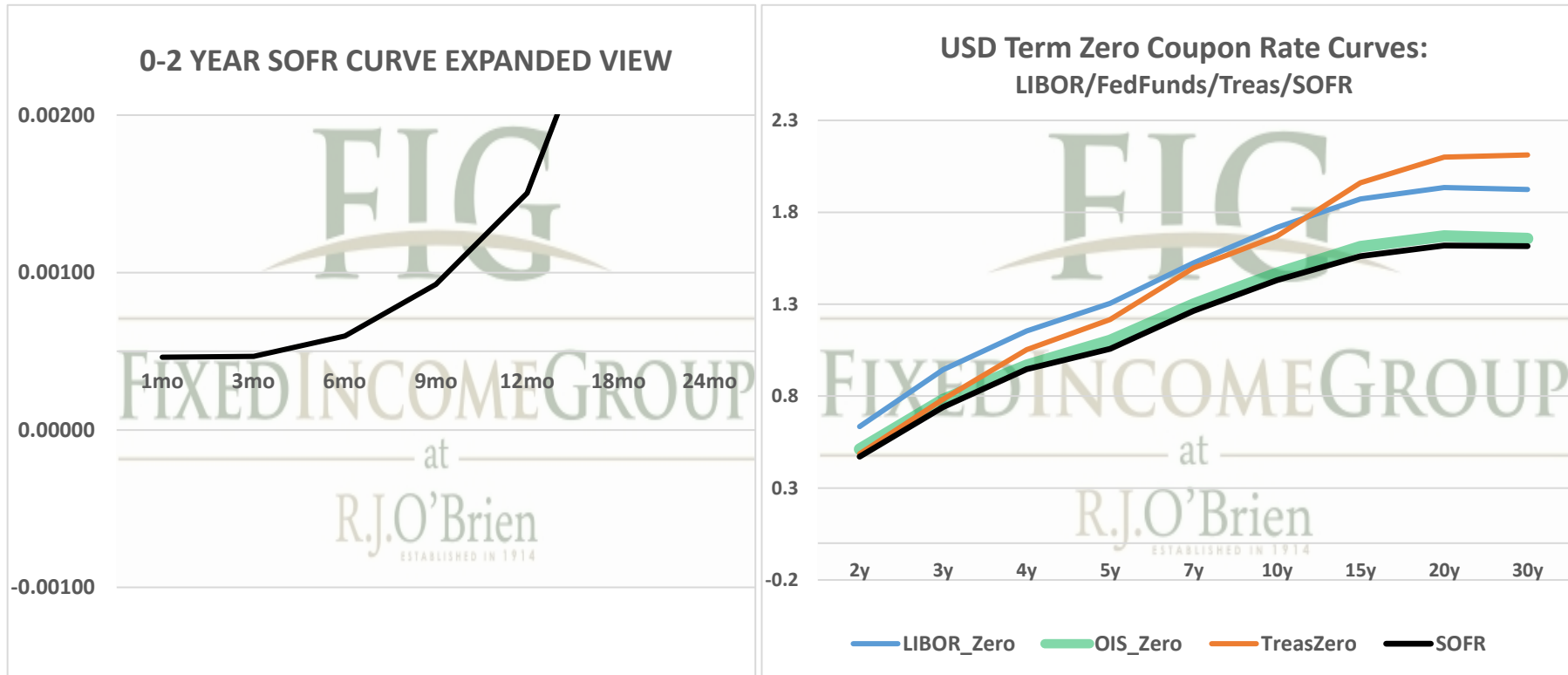


THE STIR CURVE

Distributed by The Fixed Income Group at RJ O'Brien

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 two 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.



For more information on the Libor replacement contact:

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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. See our full disclaimer at www.rjobrien.com. Copyright © 2021 RJO FIG

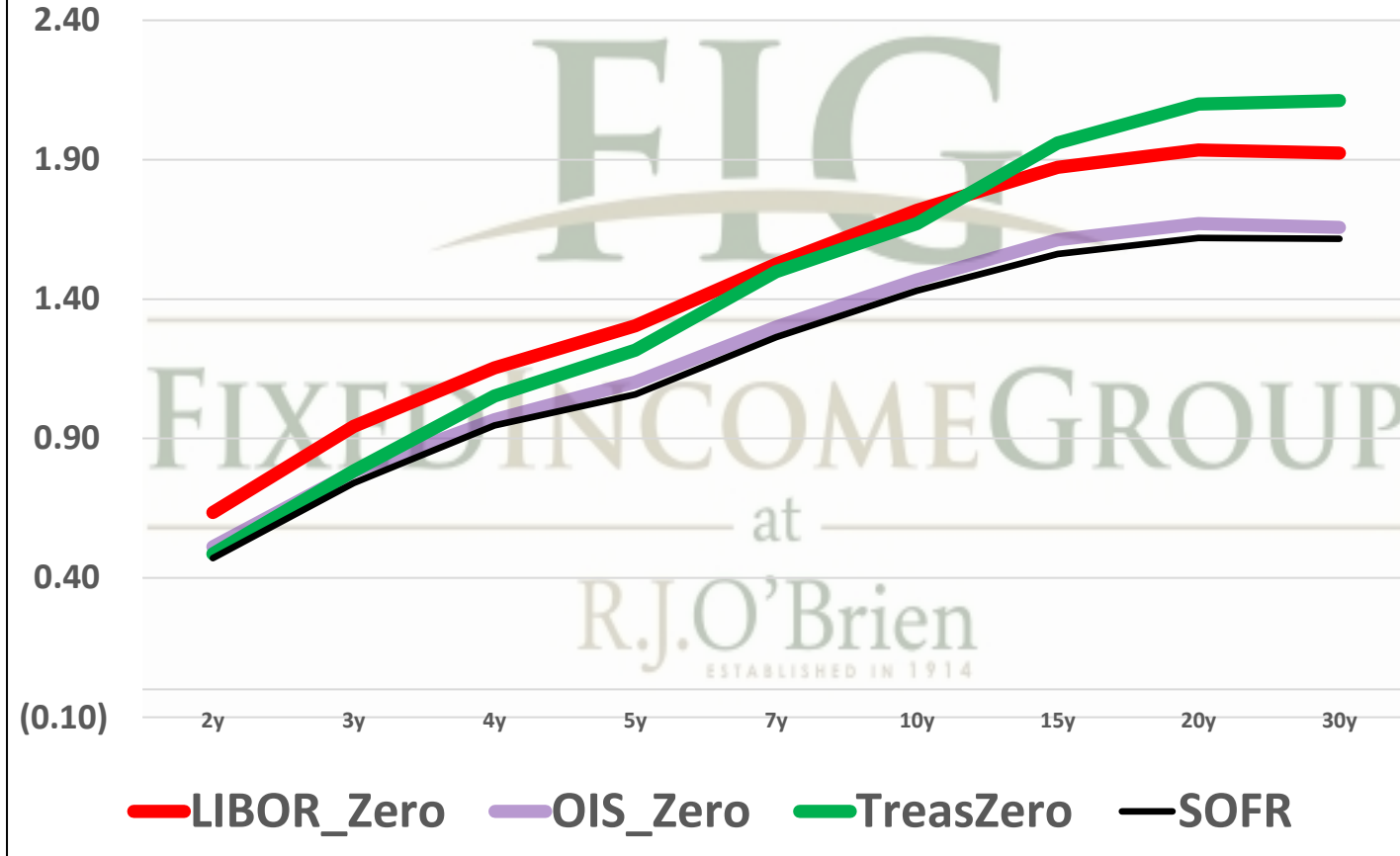
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Term SOFR from 1-day Returns						
0.04622%	0.04673%	0.05973%	0.09249%	0.15044%	0.30175%	0.47126%
1.000039801	1.000119417	1.00030197	1.000701384	1.001525337	1.004584886	1.00955614
1mo	3mo	6mo	9mo	12mo	18mo	24mo
10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021
11/24/2021	1/24/2022	4/24/2022	7/24/2022	10/24/2022	4/24/2023	10/24/2023
31	92	182	273	365	547	730
Term SOFR+Credit from 1-day Returns						
0.56699%	0.56906%	0.58867%	0.62556%	0.68151%	0.83235%	1.00379%
1.000488245	1.001454275	1.00297607	1.004743825	1.006909706	1.01264714	1.02035467
1mo	3mo	6mo	9mo	12mo	18mo	24mo
10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021	10/25/2021
11/24/2021	1/24/2022	4/24/2022	7/24/2022	10/24/2022	4/24/2023	10/24/2023
31	92	182	273	365	547	730
Term AMERIBOR from 1-day Returns						
0.12313%	0.10619%	0.10901%	0.11603%	0.11957%		
1.0001060	1.0002714	1.0005511	1.0008799	1.0012123		
1mo	3mo	6mo	9mo	12mo		
10/1/2021	10/1/2021	10/1/2021	10/1/2021	10/1/2021		
10/31/2021	12/31/2021	3/31/2022	6/30/2022	9/30/2022		
31	92	182	273	365		
Term AMERIBOR+Credit from 1-day Returns						
0.64361%	0.62667%	0.62950%	0.63651%	0.64006%		
1.0001060	1.0002714	1.0005511	1.0008799	1.0012123		
1mo	3mo	6mo	9mo	12mo		
10/1/2021	10/1/2021	10/1/2021	10/1/2021	10/1/2021		
10/31/2021	12/31/2021	3/31/2022	6/30/2022	9/30/2022		
31	92	182	273	365		

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**USD Term Zero Coupon Rate Curves:
LIBOR/OIS_FedFunds/Treas/SOFR**



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