

Liquidity Analysis

Based on data from 25 Jul, 2019 to 31 Jul, 2019

10 Contracts

Product	GLOBEX Ticker	Bberg Ticker	Contract Price	Contract Value \$	10-Contract Notional (\$ '000)	B/A (pts)	B/A (bps)
Russell 2000	RTYU9	RTYU9	1575.98	78,799	788	0.14	0.88
		Average		78,799	788	0.14	0.88

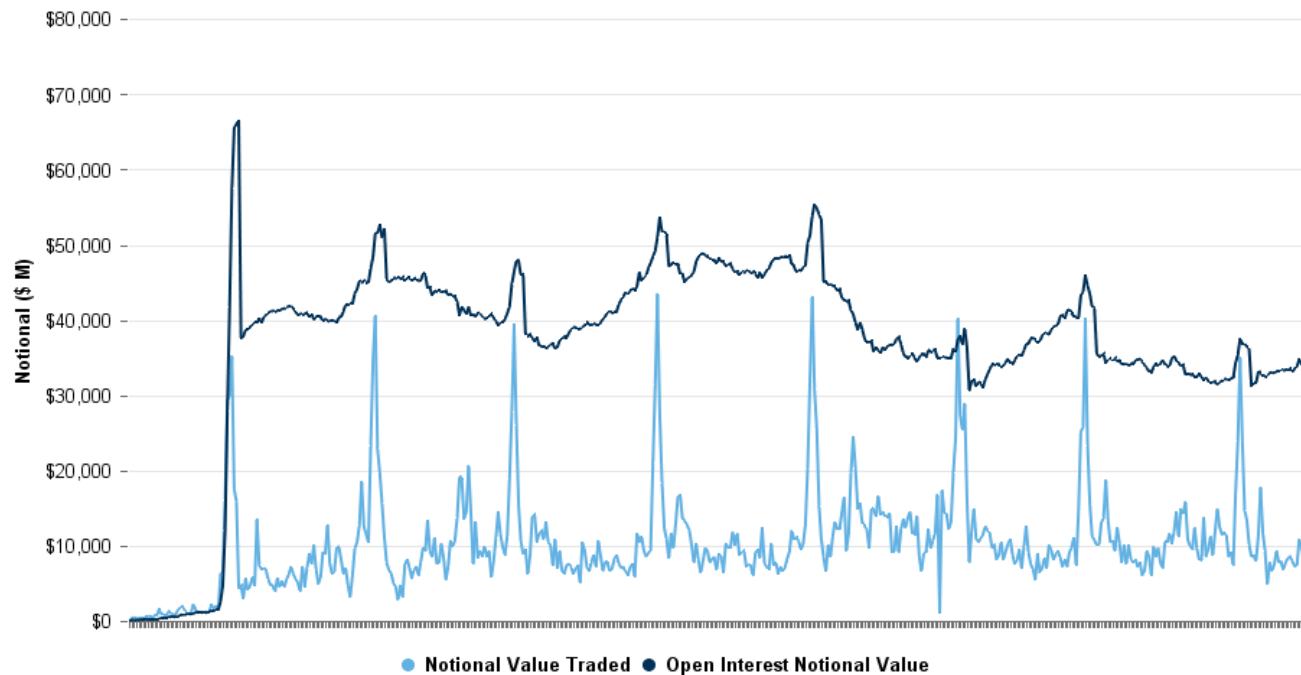
Activity Summary: Last 520 days

Product	Avg Daily Volume	Block Trade %	Open Interest	Avg Daily (\$ M)	Open Int. (\$ 'M)	Trade (% Total)	Open Int. (% Total)
Russell 2000	110,183	0.0%	429,206	\$8,639	\$33,647	100.0%	100.0%
Sum:	110,183	0.0%	429,206	\$8,639	\$33,647	100.0%	100.0%

Historical Volume and Open Interest

Date	Trading		Open Interest	
	Contracts	Notl (\$ M)	Contracts	Notl (\$ M)
7/31/19	236,113	\$18,614	444,175	\$35,017
7/30/19	136,780	\$10,856	440,072	\$34,943
7/29/19	80,297	\$6,308	439,183	\$34,500
7/26/19	108,957	\$8,616	435,664	\$34,539
7/25/19	126,611	\$9,896	437,440	\$34,204
7/24/19	138,612	\$10,979	439,998	\$34,854
7/23/19	97,130	\$7,563	436,118	\$33,959
7/22/19	94,621	\$7,325	434,339	\$33,650
7/19/19	103,492	\$8,011	428,755	\$33,188
7/18/19	110,102	\$8,577	430,941	\$33,591
7/17/19	108,813	\$8,442	429,794	\$33,344
7/16/19	100,420	\$7,860	426,299	\$33,414
7/15/19	88,428	\$6,920	425,404	\$33,302
7/12/19	99,565	\$7,826	426,114	\$33,494
7/11/19	100,877	\$7,867	425,112	\$33,154
7/10/19	119,471	\$9,367	423,041	\$33,193
7/9/19	96,941	\$7,587	422,345	\$33,055
7/8/19	85,852	\$6,717	421,110	\$32,951
7/5/19	99,169	\$7,831	417,865	\$33,006
7/3/19	62,347	\$4,919	415,184	\$32,760
7/2/19	119,236	\$9,338	414,369	\$32,462

E-mini Russell 2000 Futures Volume and Open Interest



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