

## Liquidity Coverage Ratio Qualitative Disclosure

Monetary Authority of Singapore ("MAS") had designated Citibank N.A. Singapore, Citibank Singapore Limited and Citicorp Investment Bank (Singapore) limited as Domestic Systemically Important Banks ("D-SIB") in Singapore. These D-SIBs are subjected to MAS Notice 649 Liquidity Coverage Ratio ("LCR") framework with effect from 01 January 2016. MAS granted approval for Citi to comply with this Notice on a country-level group basis (consisting of Citibank N.A. Singapore branch, Citibank Singapore Limited, and Citicorp Investment Bank (Singapore) Limited). The LCR framework is meant to ensure that the Bank has sufficient unencumbered High Quality Liquid Assets ("HQLA") to meet its liquidity needs for a 30 calendar day liquidity stress scenario. As a measurement, Citi is required to maintain daily LCR ratio on ALL-Currency and SGD-Currency level to be above 50% and 100% respectively. For cautionary measure, Citi has, based on observed movements, set internal LCR triggers as forewarning of breaching the regulatory ratios in addition to the LCR being actively managed, as well as closely monitored, to ensure that it is within the ratio requirement.

The following disclosures are made in accordance to MAS Notice 651 – Liquidity Coverage Ratio ("LCR") Disclosure.

In the first quarter of 2016, Citi average All-Currency ("All-Ccy") and average SGD-Currency ("SGD-Ccy") LCR were 225% and 170% respectively, well above the respective regulatory minimum requirements of 50% and 100%.

In comparison, second quarter of 2016 for All-Ccy was 187%; the result of an increase in the net cash outflows was mainly due to movements arising from Business As Usual ("BAU") activities of Intercompany Placements/Borrowings positions shifting in and/or out of the LCR 30-day tenor. SGD-Ccy LCR ratio for the second quarter jumped by 81% to 251% can be attributed from the drop in Derivative liabilities exposures, coupled by the increase in Derivative assets exposures, in the 30-day tenor.

All-Ccy at 153% in the third quarter, down 34% Quarter-on-Quarter ("QoQ"), was largely due to BAU activities in Intercompany Placements/Borrowings as Singapore, being the hub for Branches in the region, is likely to subject to movements within or beyond the LCR 30-day tenor. SGD-Ccy LCR ratio for the same quarter dropped to 209% mainly attributed to the fall in SGD Derivative assets exposures in the 30-day tenor.

In the fourth quarter, both All-Ccy and SGD-Ccy were higher QoQ with the former hitting 219% and latter 229%, primarily driven by an increase in HQLA holdings for both ratios.

Citi continues to maintain a significantly higher than the set requirement by focusing on keeping a stable balance sheet structure.

*footnote: LCR is not adjusted for Intercompany ratio whose requirements are not asset specific*

## Country Average All-Currency LCR for Quarter 1, 2016

(Number of data points used for the calculation : 91 )

Group – ALL Currency (in S\$ millions)		TOTAL UNWEIGHTED VALUE (average)	TOTAL WEIGHTED VALUE (average)
<b>HIGH-QUALITY LIQUID ASSETS</b>			
1	Total high-quality liquid assets (HQLA)		14,694
<b>CASH OUTFLOWS</b>			
2	Retail deposits and deposits from small business customers, of which:	33,000	2,814
3	Stable deposits	6,788	204
4	Less stable deposits	26,212	2,610
5	Unsecured wholesale funding, of which:	36,750	15,586
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	23,416	5,833
7	Non-operational deposits (all counterparties)	13,334	9,752
8	Unsecured debt	0	0
9	Secured wholesale funding		0
10	Additional requirements, of which:	4,440	2,149
11	Outflows related to derivative exposures and other collateral requirements	1,881	1,881
12	Outflows related to loss of funding on debt products	0	0
13	Credit and liquidity facilities	2,559	268
14	Other contractual funding obligations	454	454
15	Other contingent funding obligations	1,567	47
16	<b>TOTAL CASH OUTFLOWS</b>		21,049
<b>CASH INFLOWS</b>			
17	Secured lending (eg reverse repos)	29	0
18	Inflows from fully performing exposures	17,448	13,608
19	Other cash inflows	1,865	1,885
20	<b>TOTAL CASH INFLOWS</b>	19,343	15,493
			<b>TOTAL ADJUSTED VALUE</b>
21	<b>TOTAL HQLA</b>		13,909
22	<b>TOTAL NET CASH OUTFLOWS</b>		5,556
23	<b>LIQUIDITY COVERAGE RATIO (%)</b>		225%

## Country Average All-Currency LCR for Quarter 2, 2016

(Number of data points used for the calculation : 91 )

Group – ALL Currency (in S\$ millions)		TOTAL UNWEIGHTED VALUE (average)	TOTAL WEIGHTED VALUE (average)
<b>HIGH-QUALITY LIQUID ASSETS</b>			
1	Total high-quality liquid assets (HQLA)		15,882
<b>CASH OUTFLOWS</b>			
2	Retail deposits and deposits from small business customers, of which:	33,269	2,826
3	Stable deposits	6,923	203
4	Less stable deposits	26,345	2,623
5	Unsecured wholesale funding, of which:	35,232	15,285
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	22,349	5,566
7	Non-operational deposits (all counterparties)	12,883	9,719
8	Unsecured debt	0	0
9	Secured wholesale funding		0
10	Additional requirements, of which:	4,375	2,190
11	Outflows related to derivative exposures and other collateral requirements	1,925	1,925
12	Outflows related to loss of funding on debt products	0	0
13	Credit and liquidity facilities	2,449	264
14	Other contractual funding obligations	411	411
15	Other contingent funding obligations	1,564	47
16	<b>TOTAL CASH OUTFLOWS</b>		20,758
<b>CASH INFLOWS</b>			
17	Secured lending (eg reverse repos)	73	0
18	Inflows from fully performing exposures	14,236	10,559
19	Other cash inflows	1,908	1,974
20	<b>TOTAL CASH INFLOWS</b>	16,216	12,533
			<b>TOTAL ADJUSTED VALUE</b>
21	<b>TOTAL HQLA</b>		14,931
22	<b>TOTAL NET CASH OUTFLOWS</b>		8,225
23	<b>LIQUIDITY COVERAGE RATIO (%)</b>		187%

## Country Average All-Currency LCR for Quarter 3, 2016

(Number of data points used for the calculation : 92 )

Group – ALL Currency (in S\$ millions)		TOTAL UNWEIGHTED VALUE (average)	TOTAL WEIGHTED VALUE (average)
<b>HIGH-QUALITY LIQUID ASSETS</b>			
1	Total high-quality liquid assets (HQLA)		18,531
<b>CASH OUTFLOWS</b>			
2	Retail deposits and deposits from small business customers, of which:	33,531	2,881
3	Stable deposits	6,629	202
4	Less stable deposits	26,902	2,680
5	Unsecured wholesale funding, of which:	36,541	17,039
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	21,825	5,435
7	Non-operational deposits (all counterparties)	14,716	11,604
8	Unsecured debt	0	0
9	Secured wholesale funding		0
10	Additional requirements, of which:	3,654	1,253
11	Outflows related to derivative exposures and other collateral requirements	978	978
12	Outflows related to loss of funding on debt products	0	0
13	Credit and liquidity facilities	2,676	275
14	Other contractual funding obligations	441	441
15	Other contingent funding obligations	2,274	68
16	<b>TOTAL CASH OUTFLOWS</b>		21,683
<b>CASH INFLOWS</b>			
17	Secured lending (eg reverse repos)	92	0
18	Inflows from fully performing exposures	12,638	8,804
19	Other cash inflows	1,088	1,015
20	<b>TOTAL CASH INFLOWS</b>	13,819	9,820
			<b>TOTAL ADJUSTED VALUE</b>
21	<b>TOTAL HQLA</b>		17,518
22	<b>TOTAL NET CASH OUTFLOWS</b>		11,863
23	<b>LIQUIDITY COVERAGE RATIO (%)</b>		153%

## Country Average All-Currency LCR for Quarter 4, 2016

(Number of data points used for the calculation : 92 )

Group – ALL Currency (in S\$ millions)		TOTAL UNWEIGHTED VALUE (average)	TOTAL WEIGHTED VALUE (average)
<b>HIGH-QUALITY LIQUID ASSETS</b>			
1	Total high-quality liquid assets (HQLA)		21,369
<b>CASH OUTFLOWS</b>			
2	Retail deposits and deposits from small business customers, of which:	34,889	2,978
3	Stable deposits	7,034	204
4	Less stable deposits	27,855	2,775
5	Unsecured wholesale funding, of which:	36,784	17,032
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	22,358	5,567
7	Non-operational deposits (all counterparties)	14,426	11,465
8	Unsecured debt	0	0
9	Secured wholesale funding		0
10	Additional requirements, of which:	3,803	1,288
11	Outflows related to derivative exposures and other collateral requirements	994	994
12	Outflows related to loss of funding on debt products	0	0
13	Credit and liquidity facilities	2,808	294
14	Other contractual funding obligations	548	548
15	Other contingent funding obligations	2,373	71
16	<b>TOTAL CASH OUTFLOWS</b>		21,918
<b>CASH INFLOWS</b>			
17	Secured lending (eg reverse repos)	95	0
18	Inflows from fully performing exposures	14,117	10,152
19	Other cash inflows	1,206	998
20	<b>TOTAL CASH INFLOWS</b>	15,419	11,151
			<b>TOTAL ADJUSTED VALUE</b>
21	<b>TOTAL HQLA</b>		20,972
22	<b>TOTAL NET CASH OUTFLOWS</b>		10,767
23	<b>LIQUIDITY COVERAGE RATIO (%)</b>		219%

## Country Average SGD-Currency LCR for Quarter 1, 2016

(Number of data points used for the calculation : 91 )

Group – SGD Currency (in S\$ millions)		TOTAL UNWEIGHTED VALUE (average)	TOTAL WEIGHTED VALUE (average)
<b>HIGH-QUALITY LIQUID ASSETS</b>			
1	Total high-quality liquid assets (HQLA)		7,462
<b>CASH OUTFLOWS</b>			
2	Retail deposits and deposits from small business customers, of which:	12,673	961
3	Stable deposits	4,991	204
4	Less stable deposits	7,682	757
5	Unsecured wholesale funding, of which:	9,052	4,563
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	4,728	1,161
7	Non-operational deposits (all counterparties)	4,323	3,402
8	Unsecured debt	0	0
9	Secured wholesale funding		0
10	Additional requirements, of which:	7,634	6,624
11	Outflows related to derivative exposures and other collateral requirements	6,555	6,555
12	Outflows related to loss of funding on debt products	0	0
13	Credit and liquidity facilities	1,079	69
14	Other contractual funding obligations	2	2
15	Other contingent funding obligations	333	10
16	<b>TOTAL CASH OUTFLOWS</b>		12,159
<b>CASH INFLOWS</b>			
17	Secured lending (eg reverse repos)	29	0
18	Inflows from fully performing exposures	1,487	921
19	Other cash inflows	6,570	6,638
20	<b>TOTAL CASH INFLOWS</b>	8,086	7,559
			<b>TOTAL ADJUSTED VALUE</b>
21	<b>TOTAL HQLA</b>		7,462
22	<b>TOTAL NET CASH OUTFLOWS</b>		4,600
23	<b>LIQUIDITY COVERAGE RATIO (%)</b>		170%

Country Average SGD-Currency LCR for Quarter 2, 2016  
 (Number of data points used for the calculation : 91 )

Group – SGD Currency (in S\$ millions)		TOTAL UNWEIGHTED VALUE (average)	TOTAL WEIGHTED VALUE (average)
<b>HIGH-QUALITY LIQUID ASSETS</b>			
1	Total high-quality liquid assets (HQLA)		7,434
<b>CASH OUTFLOWS</b>			
2	Retail deposits and deposits from small business customers, of which:	12,675	949
3	Stable deposits	5,099	203
4	Less stable deposits	7,576	746
5	Unsecured wholesale funding, of which:	8,954	4,590
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	4,708	1,156
7	Non-operational deposits (all counterparties)	4,246	3,434
8	Unsecured debt	0	0
9	Secured wholesale funding		0
10	Additional requirements, of which:	6,794	5,886
11	Outflows related to derivative exposures and other collateral requirements	5,816	5,816
12	Outflows related to loss of funding on debt products	0	0
13	Credit and liquidity facilities	978	70
14	Other contractual funding obligations	3	3
15	Other contingent funding obligations	329	10
16	<b>TOTAL CASH OUTFLOWS</b>		11,438
<b>CASH INFLOWS</b>			
17	Secured lending (eg reverse repos)	72	0
18	Inflows from fully performing exposures	1,574	1,014
19	Other cash inflows	7,655	7,737
20	<b>TOTAL CASH INFLOWS</b>	9,301	8,751
			<b>TOTAL ADJUSTED VALUE</b>
21	<b>TOTAL HQLA</b>		7,434
22	<b>TOTAL NET CASH OUTFLOWS</b>		2,859
23	<b>LIQUIDITY COVERAGE RATIO (%)</b>		251%

## Country Average SGD-Currency LCR for Quarter 3, 2016

(Number of data points used for the calculation : 92 )

Group – SGD Currency (in S\$ millions)		TOTAL UNWEIGHTED VALUE (average)	TOTAL WEIGHTED VALUE (average)
<b>HIGH-QUALITY LIQUID ASSETS</b>			
1	Total high-quality liquid assets (HQLA)		9,248
<b>CASH OUTFLOWS</b>			
2	Retail deposits and deposits from small business customers, of which:	12,390	948
3	Stable deposits	4,820	202
4	Less stable deposits	7,570	746
5	Unsecured wholesale funding, of which:	9,088	4,793
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	4,704	1,155
7	Non-operational deposits (all counterparties)	4,384	3,638
8	Unsecured debt	0	0
9	Secured wholesale funding		0
10	Additional requirements, of which:	6,579	5,603
11	Outflows related to derivative exposures and other collateral requirements	5,522	5,522
12	Outflows related to loss of funding on debt products	0	0
13	Credit and liquidity facilities	1,057	81
14	Other contractual funding obligations	3	3
15	Other contingent funding obligations	327	10
16	<b>TOTAL CASH OUTFLOWS</b>		11,356
<b>CASH INFLOWS</b>			
17	Secured lending (eg reverse repos)	91	0
18	Inflows from fully performing exposures	1,430	839
19	Other cash inflows	5,987	5,979
20	<b>TOTAL CASH INFLOWS</b>	7,508	6,818
			<b>TOTAL ADJUSTED VALUE</b>
21	<b>TOTAL HQLA</b>		9,248
22	<b>TOTAL NET CASH OUTFLOWS</b>		4,538
23	<b>LIQUIDITY COVERAGE RATIO (%)</b>		209%



## Country Average SGD-Currency LCR for Quarter 4, 2016

(Number of data points used for the calculation : 92 )

Group – SGD Currency (in S\$ millions)		TOTAL UNWEIGHTED VALUE (average)	TOTAL WEIGHTED VALUE (average)
<b>HIGH-QUALITY LIQUID ASSETS</b>			
1	Total high-quality liquid assets (HQLA)		12,090
<b>CASH OUTFLOWS</b>			
2	Retail deposits and deposits from small business customers, of which:	13,399	1,015
3	Stable deposits	5,172	204
4	Less stable deposits	8,227	812
5	Unsecured wholesale funding, of which:	9,853	5,099
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	5,203	1,278
7	Non-operational deposits (all counterparties)	4,650	3,821
8	Unsecured debt	0	0
9	Secured wholesale funding		0
10	Additional requirements, of which:	6,460	5,688
11	Outflows related to derivative exposures and other collateral requirements	5,632	5,632
12	Outflows related to loss of funding on debt products	0	0
13	Credit and liquidity facilities	828	56
14	Other contractual funding obligations	1	1
15	Other contingent funding obligations	320	10
16	<b>TOTAL CASH OUTFLOWS</b>		11,813
<b>CASH INFLOWS</b>			
17	Secured lending (eg reverse repos)	91	0
18	Inflows from fully performing exposures	1,497	933
19	Other cash inflows	5,559	5,557
20	<b>TOTAL CASH INFLOWS</b>	7,147	6,490
			<b>TOTAL ADJUSTED VALUE</b>
21	<b>TOTAL HQLA</b>		12,090
22	<b>TOTAL NET CASH OUTFLOWS</b>		5,322
23	<b>LIQUIDITY COVERAGE RATIO (%)</b>		229%