

HSBC North America Holdings Inc.

**Net Stable Funding Ratio Disclosure Report
For the Quarterly Periods Ending March 31, 2023
and June 30, 2023**

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1. Corporate Overview

HSBC North America Holdings Inc. (*HNAH* or the *Firm*) is a bank holding company organized under the laws of the State of Delaware. It is an indirect wholly owned subsidiary of HSBC Holdings plc (*HGHQ*), the ultimate holding company of the HSBC Group. Its principal executive offices are at 452 Fifth Avenue, New York, New York. As a holding company, HNAH does not hold any material assets other than the equity interests of its subsidiaries and loans.

HNAH conducts its activities primarily through three locally incorporated wholly owned subsidiaries:

- HSBC USA Inc. (*HUSI*) is a U.S. bank holding company. HUSI's principal commercial banking subsidiary is HSBC Bank USA, National Association (*HBUS*), which provides a full range of commercial and consumer banking products and services to individuals, small businesses, corporations, institutions and governments, primarily in the U.S.;
- HSBC Markets (USA) Inc. (*HMUS*) is a holding company for investment banking and markets subsidiaries in the U.S. HMUS's principal subsidiary, HSBC Securities (USA) Inc. (*HCSU*), is a registered broker-dealer of securities under the Securities and Exchange Act of 1934 and is engaged in underwriting, dealing and brokering a full range of debt and equity securities and futures contracts; and
- HSBC Technology and Services (USA) Inc. (*HTSU*) is a provider of business operations, information technology and other operational and support services to other HNAH subsidiaries. HTSU also provides certain of these support services to other members of the HSBC Group.

2. Overview of U.S. Net Stable Funding Ratio (NSFR)

In response to the financial crisis that started in 2007, the Basel Committee on Banking Supervision established two quantitative standards for liquidity in 2010. The Basel III Liquidity Framework introduced the Basel III NSFR, which complements the LCR and promotes resilience by mitigating the risks presented by banking organizations supporting their assets with insufficiently stable funding. The NSFR has a longer, one-year time horizon and was developed to promote a sustainable maturity structure of assets and liabilities on an ongoing basis.

In 2021, the FRB, OCC and the FDIC issued final regulations to implement the NSFR in the United States, applicable to certain large banking institutions, including HSBC North America and HSBC Bank USA. The U.S. NSFR rule is generally consistent with the NSFR requirements under Basel Committee guidelines. The NSFR is expressed as the ratio of its available stable funding (ASF) amount to its required stable funding (RSF) amount, with a banking organization required to maintain a minimum NSFR of 100%. Under the U.S. rule, U.S. institutions, including HSBC North America and HSBC Bank USA, have been

required to maintain the minimum ratio since July 1, 2021 and report NSFR to U.S. regulators on a monthly basis.

Available Stable Funding (ASF) and Required Stable Funding (RSF):

The final rule establishes a banking organization's ASF amount to be calculated as the sum of the carrying values of the banking organization's liabilities and regulatory capital, each multiplied by a standardized weighting (ASF factor) ranging from zero to 100 percent to reflect the relative stability of such liabilities and capital over a one-year time horizon. Similarly, a banking organization's minimum RSF amount is calculated as the sum of the carrying values of its assets, each multiplied by a standardized weighting (RSF factor) ranging from zero to 100 percent to reflect the relative need for funding over a one-year time horizon based on the liquidity characteristics of the asset, plus RSF amounts based on the banking organization's committed facilities and derivative exposures.

For the purpose of assigning ASF factors, the rule categorizes NSFR regulatory capital elements and NSFR liabilities into five broad categories based on their tenor, the type of funding, and the type of funding counterparty. The rule applies the same ASF factor in each category to reflect the relative stability of regulatory capital elements and liabilities over a one-year time horizon. ASF factors are scaled from zero to 100 percent, with a zero percent weighting representing the lowest relative stability and a 100 percent weighting representing the highest relative stability. The rule groups NSFR regulatory capital elements and NSFR liabilities into one of four maturity categories: One year or more, less than one year, six months or more but less than one year, and less than six months.

RSF amounts reflect the company's funding requirement based on the liquidity characteristics of its assets, commitments and derivative exposure. RSF consists of the sum of two components: (i) The carrying values of a covered company's assets (other than assets included in the calculation of the covered company's derivatives RSF amount) and the undrawn amounts of its committed credit and liquidity facilities, and (ii) the covered company's derivatives RSF amount. The final rule groups NSFR assets, derivative exposures and commitments into broad categories and assigns RSF factors to determine the overall amount of stable funding a covered company must maintain. RSF factors are scaled from zero to 100 percent based on the tenor and other liquidity characteristics of an asset, derivative exposure, or committed facility. The final rule categorizes assets, derivative exposures, and committed facilities into categories and assigns RSF factors based on the following liquidity characteristics: (1) Tenor; (2) encumbrance; (3) type of counterparty; (4) credit quality, and (5) market characteristics.

3. Overview of U.S. NSFR Disclosure Requirements

Beginning in July 2023, the U.S. NSFR requires certain Covered Companies, including HNAH, to make quantitative and qualitative disclosures related to their U.S. NSFR calculations and liquidity management practices every second and fourth calendar quarter for each of the two immediately preceding calendar quarters. This report contains the Firm's NSFR Disclosures for the two prior quarters ending March 31, 2023 and June 30, 2023.

The HNAH NSFR Disclosures are not required to be, and have not been, audited by the Firm's independent registered public accounting firm and some measures of exposures contained in this report may not be consistent with accounting principles generally accepted in the U.S. ("U.S. GAAP").

4. U.S. NSFR Qualitative Disclosures

A. The main drivers of the net stable funding ratio

Our U.S. NSFR quantitative disclosures, shown in the chart in Section 5, reflect the daily average value of each disclosure category across each quarter. When discussing the main drivers of our U.S. NSFR, we refer to these daily average values. The template shows separate columns for Average Unweighted and Average Weighted amounts. Values in the Average Unweighted column are shown before the application of prescribed factors for each category of ASF and RSF. Calculation of the final ratio is based on the calculated Average Weighted (post-factor) amounts. Total Average Weighted ASF excludes non-transferrable assets, which is not broken out on a separate line.

HNAH average NSFR Q1 2023 was 141.7%. The calculation period covered all business days from January 1, 2023 through March 31, 2023. This ratio is the result of:

- HNAH's average weighted ASF of \$77.9 billion (after trapping non-transferrable HBUS liquidity); divided by
- HNAH's average weighted RSF \$55.0 billion (after adjustment for the Tailoring Rule)

The average NSFR for Q2 2023 was 144.0%. The calculation period covered all business days from April 1, 2023 through June 30, 2023. This ratio is the result of:

- HNAH's average weighted ASF of \$79.2 billion (after trapping non-transferrable HBUS liquidity); divided by
- HNAH's average weighted RSF \$55.0 billion (after adjustment for the Tailoring Rule)

HNAH's ASF amounts during Q1 and Q2 2023 were principally driven by a diverse distribution of available funding across regulatory capital elements, retail and wholesale deposits and funding.

HNAH's RSF amounts during Q1 and Q2 2023 were principally driven by wholesale financial and non-financial loans, retail mortgages and other assets.

B. Concentration of funding sources

The HNAH Asset Liability Committee (ALCO) monitors the overall mix of deposit and funding concentrations to avoid undue reliance on individual funding sources and large deposit relationships.

We continuously monitor the impact of market events on our liquidity positions and will continue to adapt our liquidity framework to reflect market events and the evolving regulatory landscape and view as to best practices. Historically, we have seen the greatest strain in the wholesale market as opposed to the retail market (the latter being the market from which we source stable demand and time deposit accounts which are less sensitive to market events or changes in interest rates).

Liquidity is managed to provide the ability to generate cash to meet lending, deposit withdrawal and other commitments at a reasonable cost in a reasonable amount of time while maintaining routine operations and market confidence. Market funding is coordinated with other HSBC Group entities, as the markets increasingly view debt issuances from the separate companies within the context of our common parent company. Liquidity management is performed at both HSBC USA Inc. and HSBC Bank USA. Each entity is required to have sufficient liquidity for a crisis situation.

ALCO develops and implements policies and procedures to ensure that the minimum liquidity ratios and a strong overall liquidity position are maintained. ALCO projects cash flow requirements and determines the level of liquid assets and available funding sources to have at our disposal, with consideration given to anticipated deposit and balance sheet growth, contingent liabilities, and the ability to access wholesale funding markets.

C. Changes in the Net Stable Funding Ratio over time and causes of such changes

The Firm's U.S. NSFR will fluctuate over time in response to changes in our liquidity risk profile, market conditions, client and counterparty behavior, liquidity risk management limits, monetary policy, legal or regulatory developments, or other factors in the markets in which we operate. Volatility may be material and under some circumstances may result in a ratio of less than 100 percent.

The Firm is in compliance with U.S. LCR requirements with an average NSFR for Q1 of 141.7% and Q2 of 144.0%, well above the established regulatory minimum. Since this document represents the initial NSFR disclosure, there is no comparison of Q1 2023 to a prior quarter. HNAH's average U.S. NSFR increase from Q1 2023 to Q2 2023 was principally driven by a modest increase in Capital and Securities ASF resulting from a debt issuance out of the HUSI Parent in March 2023 and dividend payment from HBUS to the HNAH parent company. A notable shift in funding categories from Retail to Wholesale had minimal impact on the HNAH NSFR ratio due to HBUS trapped liquidity. RSF remained stable from period to period with no notable event drivers.

5. U.S. NSFR Quantitative Disclosures

In the tables shown on the subsequent pages, the figures reported in the "Average Weighted Amount" column reflect the prescribed, industry-wide assumptions and haircuts defined by the U.S. NSFR to determine the Firm's ASF and RSF components for the first and second quarter 2023 prior to the application of the 30% adjustment factor prescribed in the Tailoring Rules for Category IV banks. The Total Average Weighted ASF at the consolidated entity excludes non-transferable assets from HSBC

Bank to the top tier holding company due to regulatory restrictions (i.e. trapped liquidity). The figures reported in the “Average Unweighted Amount” columns reflect gross values by maturity category that are not included in the calculation used to determine the Firm’s compliance with U.S. NSFR requirements.

First Quarter 2023

Quarter ended 03/31/2023 In millions of U.S. dollars		Average Unweighted Amount					Average Weighted Amount
		Open Maturity	< 6 months	6 months < 1 year	≥ 1 year	Perpetual	
ASF ITEM							
1	Capital and Securities:	0	6,866	7,076	32,591	0	36,129
2	NSFR Regulatory Capital Elements	0	0	0	16,968	0	16,968
3	Other Capital Elements and Securities	0	6,866	7,076	15,623	0	19,161
4	Retail Funding:	38,133	3,145	0	856	0	32,443
5	Stable Deposits	8,851	673	0	0	0	9,048
6	Less Stable Deposits	15,118	2,147	0	0	0	15,539
7	Sweep Deposits, Brokered Reciprocal Deposits, and	14,163	317	0	856	0	7,852
8	Other Retail Funding	0	9	0	0	0	4
9	Wholesale Funding:	59,887	78,904	24	0	0	30,103
10	Operational Deposits	18,041	0	0	0	0	9,021
11	Other Wholesale Funding	41,846	78,904	24	0	0	21,082
Other Liabilities:							
12	NSFR Derivatives Liability Amount			432			
13	Total derivatives Liability Amount			2,127			
14	All Other Liabilities Not Included in Categories 1	-1,913	8,090	434	9,169	0	0
15	TOTAL ASF						77,851

RSF ITEM							
16	Total High-Quality Liquid Assets (HQLA)	33,735	4,989	469	45,248	0	4,740
17	Level 1 Liquid Assets	33,734	4,885	385	28,655	0	0
18	Level 2A Liquid Assets	1	104	85	10,242	0	1,565
19	Level 2B Liquid Assets	0	0	0	6,351	0	3,176
20	Zero Percent RSF Assets that are not Level 1 Liquid Assets or Loans to Financial Sector entities or their Consolidated Subsidiaries	244	1,659	444	9,555	0	0
21	Operational Deposits placed at Financial Sector Entities or their Consolidated Subsidiaries	932	37	0	0	0	485
22	Loans and Securities:	12,409	67,280	4,825	47,384	0	47,718
23	Loans to Financial Sector Entities secured by Level 1	7,523	49,567	960	1	0	481
24	Loans to Financial Sector Entities secured by other	3,418	8,522	1,134	5,872	0	8,230
25	Loans to Wholesale Customers or Counterparties that	1,468	9,078	2,566	22,989	0	26,011
26	Of which : With a risk weight no greater than 20	0	0	0	0	0	0
27	Retail mortgages	0	112	165	14,954	0	9,963
28	Of which : With a risk weight of no greater than 50	0	0	0	0	0	0
29	Securities that do not qualify as HQLA	0	0	0	3,568	0	3,033
Other Assets:							
30	Commodities	0	0	0	3,879	0	3,297
31	Assets provided as Initial Margin for Derivative Transactions and Contributions to CCPs' mutualized			1,912			1,625
32	NSFR Derivatives Asset Amount			1			1
33	Total Derivatives Asset Amount			1,696			
34	RSF for potential Derivatives Portfolio Valuation			6,380			319
35	All Other Assets not included in the categories 16-33	275	1,982	55	14,219	0	16,455
36	Undrawn Commitments			77,373			3,869
37	TOTAL RSF prior to Application of Required Stable Funding Adjustment Percentage						78,509
38	Required Stable Funding Adjustment Percentage						70%
39	TOTAL Adjusted RSF						54,956
40	NET STABLE FUNDING RATIO						141.7%

Second Quarter 2023

Quarter ended 06/30/2023 In millions of U.S. dollars		Average Unweighted Amount					Average Weighted Amount
		Open Maturity	< 6 months	6 months < 1 year	≥ 1 year	Perpetual	
ASF ITEM							
1	Capital and Securities:	0	7,671	6,561	33,763	0	37,043
2	NSFR Regulatory Capital Elements	0	0	0	17,351	0	17,351
3	Other Capital Elements and Securities	0	7,671	6,561	16,412	0	19,692
4	Retail Funding:	35,688	3,960	32	686	0	31,127
5	Stable Deposits	8,457	948	9	2	0	8,945
6	Less Stable Deposits	13,540	2,786	23	4	0	14,717
7	Sweep Deposits, Brokered Reciprocal Deposits, and	13,692	212	0	679	0	7,458
8	Other Retail Funding	0	14	0	0	0	7
9	Wholesale Funding:	64,132	83,552	216	0	0	30,887
10	Operational Deposits	18,547	0	0	0	0	9,274
11	Other Wholesale Funding	45,585	83,552	216	0	0	21,613
Other Liabilities:							
12	NSFR Derivatives Liability Amount	0					
13	Total derivatives Liability Amount	1,463					
14	All Other Liabilities Not Included in Categories 1	-2,340	7,877	375	7,117	0	0
15	TOTAL ASF						79,232

RSF ITEM							
16	Total High-Quality Liquid Assets (HQLA)	32,196	2,236	1,476	50,902	0	5,204
17	Level 1 Liquid Assets	32,195	2,189	1,353	33,389	0	0
18	Level 2A Liquid Assets	0	47	123	10,224	0	1,559
19	Level 2B Liquid Assets	0	0	0	7,289	0	3,644
20	Zero Percent RSF Assets that are not Level 1 Liquid Assets or Loans to Financial Sector entities or their Consolidated Subsidiaries	516	1,427	369	7,399	0	0
21	Operational Deposits placed at Financial Sector Entities or their Consolidated Subsidiaries	980	29	0	0	0	504
22	Loans and Securities:	11,695	72,338	5,204	47,477	0	47,736
23	Loans to Financial Sector Entities secured by Level 1	6,591	55,647	1,160	4	0	585
24	Loans to Financial Sector Entities secured by other	3,562	7,919	1,312	5,833	0	8,211
25	Loans to Wholesale Customers or Counterparties that	1,542	8,663	2,564	22,989	0	25,846
26	Of which : With a risk weight no greater than 20	0	0	0	0	0	0
27	Retail mortgages	0	110	168	15,230	0	10,187
28	Of which : With a risk weight of no greater than 50	0	0	0	0	0	0
29	Securities that do not qualify as HQLA	0	0	0	3,421	0	2,908
Other Assets:							
30	Commodities	0	0	0	2,655	0	2,257
31	Assets provided as Initial Margin for Derivative Transactions and Contributions to CCPs' mutualized		2,215				1,882
32	NSFR Derivatives Asset Amount		529				529
33	Total Derivatives Asset Amount		1,992				
34	RSF for potential Derivatives Portfolio Valuation		5,393				270
35	All Other Assets not included in the categories 16-33	301	2,357	17	13,860	0	16,383
36	Undrawn Commitments		77,171				3,859
37	TOTAL RSF prior to Application of Required Stable Funding Adjustment Percentage						78,624
38	Required Stable Funding Adjustment Percentage						70%
39	TOTAL Adjusted RSF						55,037
40	NET STABLE FUNDING RATIO						144.0%