

2013

**HSBC Bank Canada
Capital and Risk Management
Pillar 3 Supplemental Disclosures
as at December 31, 2013**



Index & Notes to Users

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Notes to Users

Capital and Risk Management Pillar 3 Disclosures

The Pillar 3 Supplemental Disclosures are additional summary descriptions and quantitative financial information which supplement those already made in the Annual Report and Accounts 2013 for the disclosure requirements under OSFI's Pillar 3 Disclosure Requirements Advisory issued September 29, 2006 consistent with the "International Convergence of Capital Measurement and Capital Standards" ('Basel II') issued by the Basel Committee on Banking Supervision in June 2006.

The supervisory objectives of Basel II, which replaces the 1988 Basel Capital Accord, are to promote safety and soundness in the financial system and maintain an appropriate level of capital in the system, enhance competitive equality, constitute a more comprehensive approach to addressing risks, and focus on internationally active banks. Basel II is structured around three "pillars": pillar 1, minimum capital requirements, pillar 2, supervisory review and pillar 3, market discipline.

Pillar 3 complements the minimum capital requirements and the supervisory review process. Its aim is to encourage market discipline by developing a set of disclosure requirements which will allow market participants to assess certain specified information on the scope of application of Basel II, capital, particular risk exposures, risk assessment processes, and hence the capital adequacy of the institution.

The Office of the Superintendent of Financial Institutions ("OSFI") supervises HSBC Bank Canada (the "Bank") on a consolidated basis. Effective November 1, 2007, OSFI implemented a new regulatory capital management framework, which gives effect to Basel II. OSFI has approved the Bank's application to apply the Advanced Internal Ratings Based ("AIRB") approach to credit risk on our portfolio and the Standardized Approach for measuring Operational Risk. Please refer to the Annual Report and Accounts 2013 for further information on the Bank's risk and capital management framework.

Further information regarding HSBC Group Risk Management Processes can be found in HSBC Holdings plc Capital and Risk Management Pillar 3 Disclosures available on HSBC Group's investor relations web site.

Enhanced Basel II Pillar 3 disclosures have been included in this document from the first quarter 2012, as per the implementation requirements of OSFI's letter dated July 13 2011.

Effective November 1, 2012, Canadian banks are subject to the revised capital adequacy requirements as published by the Basel Committee on Banking Supervision (BCBS) and commonly referred to as Basel III. Basel III builds on the "International Convergence of Capital Measurement and Capital Standards: A Revised Framework" (Basel II).

On June 26, 2012, the Basel Committee on Banking Supervision (BCBS) issued its final rules on the information banks must publicly disclose when detailing the composition of their capital. Entitled, Composition of capital disclosure requirements which sets out a framework to ensure that the components of banks capital bases are publicly disclosed in standardised formats across and within jurisdictions for banks subject to Basel III. Beginning with 3Q 2103 non-Domestic Systemically Important Banks (non-DSIBs as determined by OSFI) are required to disclose a modified version of the Capital Disclosure as described in the OSFI Advisory "Public Capital Disclosure Requirements related to Basel III Pillar 3" date July 2013.

Effective with public disclosures beginning in Q1, 2013, Banks are subject to disclosure requirements under OSFI's Guidelines on Residential Mortgage Underwriting Practices and Procedures (B-20).

This report is unaudited and all amounts are in rounded millions of Canadian dollars, unless otherwise indicated.

Basel III Regulatory Capital

(\$ millions except as noted)

Common Equity Tier 1 capital: instruments and reserves		All-in ¹			
		4Q 2013	3Q 2013	2Q 2013	1Q 2013
1	Directly issued qualifying common share capital (and equivalent for non-joint stock companies) plus related stock surplus	1,225	1,225	1,225	1,225
2	Retained earnings	2,926	2,903	2,802	2,777
3	Accumulated other comprehensive income (and other reserves)	134	113	101	276
4	Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock companies)	na	na	na	na
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	na	na	na	na
6	Common Equity Tier 1 capital before regulatory adjustments	4,285	4,241	4,128	4,278
Common Equity Tier 1 capital: regulatory adjustments					
28	Total regulatory adjustments to Common Equity Tier 1	(228)	(201)	(192)	(282)
29	Common Equity Tier 1 capital (CET1)	4,057	4,040	3,935	3,996
Additional Tier 1 capital: instruments					
30	Directly issued qualifying Additional Tier 1 instruments plus related stock surplus	na	na	na	na
31	of which: classified as equity under applicable accounting standards	na	na	na	na
32	of which: classified as liabilities under applicable accounting standards	na	na	na	na
33	Directly issued capital instruments subject to phase out from Additional Tier 1	800	1,031	1,031	1,031
34	Additional Tier 1 instruments (and CET1 instruments not included in row 5) issued by subsidiaries and held by third parties (amount allowed in group AT1)	na	na	na	na
35	of which: instruments issued by subsidiaries subject to phase out	-	27	27	27
36	Additional Tier 1 capital before regulatory adjustments	800	1,058	1,058	1,058
Additional Tier 1 capital: regulatory adjustments					
43	Total regulatory adjustments to Additional Tier 1 capital	na	na	na	na
44	Additional Tier 1 capital (AT1)	800	1,058	1,058	1,058
45	Tier 1 capital (T1 = CET1 + AT1)	4,857	5,098	4,994	5,054
Tier 2 capital: instruments and allowances					
46	Directly issued qualifying Tier 2 instruments plus related stock surplus	na	na	na	na
47	Directly issued capital instruments subject to phase out from Tier 2	668	684	684	684
48	Tier 2 instruments (and CET1 and AT1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties (amount allowed in group Tier 2)	na	na	na	na
49	of which: instruments issued by subsidiaries subject to phase out	na	na	na	na
50	Collective allowances	9	10	15	16
51	Tier 2 capital before regulatory adjustments	677	694	699	700
Tier 2 capital: regulatory adjustments					
57	Total regulatory adjustments to Tier 2 capital	na	na	na	na
58	Tier 2 capital (T2)	677	694	699	700
59	Total capital (TC = T1 + T2)	5,534	5,792	5,692	5,754
60	Total risk-weighted assets	36,862	36,281	36,467	36,114
Current cap on CET1 instruments subject to phase out arrangements (only applicable between 1 Jan 2013 and 1 Jan 2022)					
80	Current cap on CET1 instruments subject to phase out arrangements	90%	90%	90%	90%
81	Amounts excluded from CET1 due to cap (excess over cap after redemptions and maturities)	na	na	na	na
82	Current cap on AT1 instruments subject to phase out arrangements	90%	90%	90%	90%
83	Amounts excluded from AT1 due to cap (excess over cap after redemptions and maturities)	-	118	118	118
84	Current cap on T2 instruments subject to phase out arrangements	90%	90%	90%	90%
85	Amounts excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	71	73	80

(1) "All-in" regulatory capital assumes that all Basel III regulatory adjustments are applied effective January 1, 2013 and that the capital value of instruments which no longer qualify as regulatory capital under Basel III rules will be phased out at a rate of 10% per year from January 1, 2013 and continuing to January 1, 2022.

Basel III Regulatory Capital (Continued)

(\$ millions except as noted)

		All-in ¹	Transitional ²	All-in	Transitional	All-in	Transitional	All-in	Transitional
Capital		4Q 2013		3Q 2013		2Q 2013		1Q 2013	
29	Common Equity Tier 1 capital (CET1)	4,057	4,186	4,040	4,158	3,935	4,053	3,996	4,117
45	Tier 1 capital (T1 = CET1 + AT1)	4,857	4,955	5,098	5,193	4,994	5,088	5,054	5,146
59	Total capital (TC = T1 + T2)	5,534	5,624	5,792	5,887	5,692	5,786	5,754	5,841
60	Total risk-weighted assets	36,862	37,919	36,281	37,354	36,467	37,555	36,114	37,104
Capital ratios									
61	Common Equity Tier 1 (as percentage of risk-weighted assets)	11.0%	11.0%	11.1%	11.1%	10.8%	10.8%	11.1%	11.1%
62	Tier 1 (as percentage of risk-weighted assets)	13.2%	13.1%	14.1%	13.9%	13.7%	13.6%	14.0%	13.9%
63	Total capital (as percentage of risk-weighted assets)	15.0%	14.8%	16.0%	15.8%	15.6%	15.4%	15.9%	15.7%
	Assets to Capital Multiple (ACM)		15.1		14.5		14.5		14.1
OSFI all-in target									
69	Common Equity Tier 1 capital all-in target ratio	7.0%		7.0%		7.0%		7.0%	
70	Tier 1 capital all-in target ratio	8.5%		8.5%					
71	Total capital all-in target ratio	10.5%		10.5%					

(1) "All-in" regulatory capital assumes that all Basel III regulatory adjustments are applied effective January 1, 2013 and that the capital value of instruments which no longer qualify as regulatory capital under Basel III rules will be phased out at a rate of 10% per year from January 1, 2013 and continuing to January 1, 2022.

(2) Transitional regulatory capital assumes that all Basel III regulatory capital adjustments are phased in from January 1, 2014 to January 1, 2018 and that the capital value of instruments which no longer qualify as regulatory capital under Basel III rules will be phased out at a rate of 10% per year from January 1, 2013 and continuing to January 1, 2022.

Basel II Regulatory Capital ^{1 2}

(\$ millions except as noted)

Qualifying Regulatory Capital	December 31	September 30	June 30	March 31	December 31	September 30	June 30	March 31
	2012	2012	2012	2012	2011	2011	2011	2011
Common shares	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225
Retained earnings	2,680	2,601	2,545	2,455	2,363	2,306	2,241	2,133
Non-cumulative preferred shares	946	946	946	946	946	946	946	946
Non-controlling interests in trust and subsidiary	230	230	230	230	230	230	230	230
Securitization-related deductions and other	(5)	(5)	(10)	(9)	(9)	(9)	(12)	(11)
Goodwill	(23)	(23)	(23)	(23)	(23)	(26)	(26)	(26)
Total Tier 1 capital	5,053	4,974	4,913	4,823	4,731	4,672	4,605	4,497
Subordinated debentures	760	759	757	751	752	753	742	735
Other	64	100	79	95	155	157	178	186
Total Tier 2 capital	823	859	836	846	906	910	920	920
Total capital available for regulatory purposes	5,876	5,833	5,749	5,669	5,637	5,582	5,524	5,418

Capital Ratios ³	December 31	September 30	June 30	March 31	December 31	September 30	June 30	March 31
	2012	2012	2012	2012	2011	2011	2011	2011
Tier 1 capital ratio	13.78%	13.51%	13.79%	13.23%	13.39%	13.43%	13.30%	13.41%
Total capital ratio	16.03%	15.84%	16.13%	15.55%	15.96%	16.05%	15.95%	16.16%
Assets to capital multiple	13.08	13.60	13.33	13.20	13.13	13.48	13.76	13.51

(1) Effective Q1 2013, this schedule has been replaced with page 2 and 3, which is computed under Basel III requirements.

(2) As per the Basel II Capital Adequacy Requirement guidelines issued by OSFI.

(3) OSFI's target capital ratios under Basel II for well capitalized Canadian banks are 7% for Tier 1 Capital and 10% for Total Capital.

Risk-Weighted Assets¹

(\$ millions except as noted)

Risk-Weighted Assets (RWA) (\$ millions except as noted)	December 31, 2013				September 30, 2013				June 30, 2013				March 31, 2013			
	Exposure (2)	RWA			Exposure (2)	RWA			Exposure (2)	RWA			Exposure (2)	RWA		
		Standardized Approach	Advanced Approach	Total		Standardized Approach	Advanced Approach	Total		Standardized Approach	Advanced Approach	Total		Standardized Approach	Advanced Approach	Total
Corporate	48,839		21,258	21,258	48,493		21,282	21,282	45,883		21,132	21,132	45,757		21,049	21,049
Sovereign	23,002		659	659	22,618		596	596	20,441		535	535	20,843		514	514
Bank	7,537		854	854	10,838	1	774	775	11,433		833	833	9,614	3	872	875
Residential Mortgages	17,690	181	1,627	1,808	17,771	202	1,625	1,827	17,799	227	1,652	1,879	18,106	256	1,721	1,977
HELOC's	4,916		686	686	5,034		702	702	5,195		740	740	5,386		755	755
Other Retail (excluding QRR and SME)	4,124	1,150	680	1,830	4,209	1,150	705	1,855	5,254	1,898	725	2,623	5,343	1,927	764	2,691
Qualifying Revolving Retail	1,060		322	322	1,075		330	330	1,087		343	343	1,109		355	355
Retail SME	624		367	367	706		403	403	698		423	423	732		417	417
Exposures subject to standardized or IRB approaches	107,792	1,331	26,451	27,783	110,744	1,353	26,417	27,770	107,791	2,125	26,382	28,507	106,891	2,186	26,447	28,633
Equity (3)									89		89	89	76		76	76
Securitization (4)									2	19		19	5	63		63
Other assets not included in standardized or IRB approaches	1,686			935	2,094			1,122	2,043			988	2,122			974
Adjustment to IRB risk-weighted assets for scaling factor				1,587				1,585				1,588				1,591
Total Credit Risk	109,477			30,304	112,838			30,477	109,924			31,192	109,094			31,337
Market Risk (5)																
Operational Risk - Standardized Approach				4,083				4,153				4,151				4,183
Total Risk-Weighted Assets				34,387				34,631				35,343				35,520
Adjustment for Regulatory Floor (6)				2,475				1,650				1,124				594
Total Transitional Risk-Weighted Assets				36,862				36,281				36,467				36,114

Risk-Weighted Assets (RWA) (\$ millions except as noted)	December 31, 2012				September 30, 2012				June 30, 2012				March 31, 2012			
	Exposure (2)	RWA			Exposure (2)	RWA			Exposure (2)	RWA			Exposure (2)	RWA		
		Standardized Approach	Advanced Approach	Total		Standardized Approach	Advanced Approach	Total		Standardized Approach	Advanced Approach	Total		Standardized Approach	Advanced Approach	Total
Corporate	44,898		20,285	20,285	46,041		20,340	20,340	44,599		20,087	20,087	42,796		19,932	19,932
Sovereign	20,191		446	446	22,159		474	474	20,530		450	450	20,139		492	492
Bank	9,332	2	642	643	9,438	8	680	688	7,720	6	581	587	8,187	5	666	671
Residential Mortgages	18,378	282	1,741	2,023	18,707	314	1,728	2,042	18,939	349	1,753	2,103	19,019	385	1,728	2,113
HELOC's	5,543		781	781	5,650		786	786	5,782		808	808	5,955		832	832
Other Retail (excluding QRR and SME)	5,631	2,130	777	2,906	5,940	2,302	825	3,126	6,154	2,376	904	3,280	6,310	2,475	856	3,332
Qualifying Revolving Retail	1,127		364	364	1,141		369	369	1,140		367	367	1,154		326	326
Retail SME	746		409	409	827		460	460	755		414	414	805		370	370
Exposures subject to standardized or IRB approaches	105,845	2,413	25,443	27,856	109,904	2,623	25,663	28,286	105,618	2,731	25,364	28,095	104,365	2,864	25,203	28,067
Equity (3)	73		73	73	56		56	56	234		234	234	207		207	207
Securitization (4)	9	32		32	10	34		34	19	67		67	19	66		66
Other assets not included in standardized or IRB approaches	1,004			853	997			813	994			787	1,139			873
Adjustment to IRB risk-weighted assets for scaling factor				1,531				1,543				1,536				1,525
Total Credit Risk	106,932			30,346	110,967			30,732	106,866			30,719	105,730			30,738
Market Risk (5)																
Operational Risk - Standardized Approach				4,154				4,186				4,216				4,207
Total Risk-Weighted Assets				34,500				34,919				34,935				34,945
Adjustment for Regulatory Floor (6)				2,168				1,899				702				1,515
Total Transitional Risk-Weighted Assets				36,668				36,818				35,637				36,460

(1) Effective Q1 2013, amounts are calculated in accordance with the Basel III regulatory framework, and are presented based on the "all-in" methodology.

Prior to Q1 2013, amounts were calculated in accordance with the Basel II regulatory framework.

(2) Exposure represents gross exposure at default before allowances and credit risk mitigation.

(3) Under OSFI guidelines the Bank is exempt from using the AIRB approach based on materiality.

Accordingly equity investments are risk weighted at 100%.

(4) Securitization exposures are currently treated as on balance sheet exposures and included in the Basel III counterparty category to which the exposures relate.

(5) Under OSFI guidelines the value of the bank's trading assets or liabilities do not meet the threshold for the capital adequacy requirements for market risk.

(6) The Bank is subject to a regulatory capital floor according to transitional arrangements prescribed by OSFI. OSFI has given the Bank their approval to reduce the capital floor to 90% commencing with the third quarter 2008 regulatory reporting period.

Credit Exposure by Counterparty Type

(\$ millions except as noted)

	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
December 31, 2013						September 30, 2013						
Corporate	26,456	11,636	6,519	1,278	2,950	48,839	26,806	11,237	6,651	1,105	2,694	48,493
Sovereign	22,696	18	10	278		23,002	22,363	26	113	115		22,618
Bank	3,275		1,384	2,409	469	7,537	2,951	5,424	2,021		442	10,838
Total Corporate, Sovereign and Bank	52,427	11,653	7,913	3,965	3,418	79,377	52,120	11,263	12,189	3,242	3,136	81,949
Residential Mortgages	17,688	1				17,690	17,771					17,771
HELOC's	2,187	2,729				4,916	2,270	2,764				5,034
Other Retail (excluding QRR and SME)	2,726	1,395			4	4,124	2,809	1,397			4	4,209
Qualifying Revolving Retail	321	739				1,060	329	746				1,075
Retail SME	357	224			43	624	381	281			44	706
Total Retail	23,280	5,088			47	28,415	23,559	5,188			47	28,795
Total Gross Credit Exposure	75,707	16,741	7,913	3,965	3,465	107,792	75,679	16,451	12,189	3,242	3,183	110,744
June 30, 2013						March 31, 2013						
Corporate	26,926	10,699	4,405	1,244	2,610	45,883	26,693	10,720	4,912	1,064	2,369	45,757
Sovereign	20,326	37		78		20,441	20,663	33	58	89		20,843
Bank	3,102		5,573	2,320	439	11,433	3,463	3,313	2,363		475	9,614
Total Corporate, Sovereign and Bank	50,354	10,736	9,977	3,642	3,048	77,757	50,819	10,753	8,282	3,516	2,845	76,214
Residential Mortgages	17,797	2				17,799	18,106					18,106
HELOC's	2,373	2,822				5,195	2,479	2,907				5,386
Other Retail (excluding QRR and SME)	3,349	1,901			4	5,254	3,491	1,847			5	5,343
Qualifying Revolving Retail	330	757				1,087	338	771				1,109
Retail SME	397	240			62	698	409	259			64	732
Total Retail	24,246	5,721			66	30,033	24,823	5,784			70	30,676
Total Gross Credit Exposure	74,600	16,457	9,977	3,642	3,114	107,791	75,642	16,537	8,282	3,516	2,914	106,891
December 31, 2012						September 30, 2012						
Corporate	26,330	11,124	4,097	1,070	2,277	44,898	27,147	10,759	4,878	1,096	2,162	46,041
Sovereign	20,083	29		79		20,191	22,062	29		68		22,159
Bank	3,598		3,259	2,127	348	9,332	3,703	3,106	2,281		349	9,438
Total Corporate, Sovereign and Bank	50,011	11,153	7,356	3,276	2,625	74,420	52,912	10,788	7,984	3,444	2,511	77,639
Residential Mortgages	18,377	1				18,378	18,707					18,707
HELOC's	2,598	2,945				5,543	2,656	2,994				5,650
Other Retail (excluding QRR and SME)	3,651	1,974			6	5,631	3,806	2,126			8	5,940
Qualifying Revolving Retail	350	776				1,127	354	786				1,141
Retail SME	421	263			61	746	447	319			61	827
Total Retail	25,398	5,960			67	31,425	25,970	6,227			69	32,266
Total Gross Credit Exposure	75,409	17,113	7,356	3,276	2,692	105,845	78,882	17,015	7,984	3,444	2,580	109,904
June 30, 2012						March 31, 2012						
Corporate	26,562	10,577	3,906	1,197	2,357	44,599	26,420	10,361	2,210	991	2,814	42,796
Sovereign	20,423	21		85		20,530	20,073	25		41		20,139
Bank	2,829	47	2,360	2,330	154	7,720	3,690	795	1,323	2,178	200	8,187
Total Corporate, Sovereign and Bank	49,814	10,646	6,266	3,612	2,511	72,849	50,183	11,182	3,533	3,209	3,015	71,122
Total Corporate, Sovereign and Bank	18,936	3				18,939	19,013	5				19,019
Residential Mortgages	2,716	3,066				5,782	2,832	3,123				5,955
HELOC's	3,958	2,177			19	6,154	4,033	2,270			7	6,310
Qualifying Revolving Retail	353	787				1,140	359	795				1,154
Retail SME	440	273			42	755	455	315			36	805
Total Retail	26,403	6,305			61	32,770	26,693	6,508			43	33,243
Total Gross Credit Exposure	76,218	16,951	6,266	3,612	2,572	105,618	76,875	17,690	3,533	3,209	3,058	104,365

Credit Exposure by Geography

(\$ millions except as noted)

	December 31, 2013						September 30, 2013					
	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
British Columbia	20,095	4,679	6	50	747	25,578	20,338	4,811		48	669	25,865
Western Canada, excluding British Columbia	10,315	4,356		506	773	15,950	10,553	4,355		353	681	15,943
Ontario	38,543	5,445	7,907	3,060	1,293	56,249	37,739	5,358	12,189	2,549	1,190	59,024
Quebec & Atlantic provinces	6,753	2,262		348	652	10,015	7,050	1,927		292	643	9,912
Total Gross Credit Exposure	75,707	16,741	7,913	3,965	3,465	107,792	75,679	16,451	12,189	3,242	3,183	110,744

	June 30, 2013						March 31, 2013					
	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
British Columbia	20,296	4,819	150	56	622	25,944	20,598	4,863	140	60	600	26,261
Western Canada, excluding British Columbia	10,790	4,537		448	644	16,419	10,457	4,652		411	573	16,093
Ontario	36,344	5,143	9,827	2,853	1,196	55,363	37,617	4,965	8,142	2,814	1,139	54,677
Quebec & Atlantic provinces	7,171	1,957		285	652	10,065	6,970	2,056		232	602	9,860
Total Gross Credit Exposure	74,600	16,457	9,977	3,642	3,114	107,791	75,642	16,537	8,282	3,516	2,914	106,891

	December 31, 2012						September 30, 2012					
	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
British Columbia	20,519	4,938	51	55	578	26,141	21,187	4,985	53	61	605	26,891
Western Canada, excluding British Columbia	10,237	4,784		359	588	15,968	10,655	4,533		349	574	16,112
Ontario	37,373	5,225	7,305	2,624	1,007	53,533	39,529	5,360	7,931	2,827	757	56,405
Quebec & Atlantic provinces	7,280	2,166		238	519	10,203	7,511	2,136		207	643	10,497
Total Gross Credit Exposure	75,409	17,113	7,356	3,276	2,692	105,845	78,882	17,015	7,984	3,444	2,580	109,904

	June 30, 2012						March 31, 2012					
	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
British Columbia	21,421	5,105	120	68	622	27,336	21,697	5,801		57	660	28,215
Western Canada, excluding British Columbia	10,419	4,456		408	530	15,813	10,609	4,483		307	749	16,148
Ontario	37,089	5,175	6,146	2,882	782	52,074	37,584	5,197	3,533	2,645	918	49,878
Quebec & Atlantic provinces	7,289	2,215		254	637	10,395	6,985	2,208		200	730	10,124
Total Gross Credit Exposure	76,218	16,951	6,266	3,612	2,572	105,618	76,875	17,690	3,533	3,209	3,058	104,365

Residual Contract Maturity Breakdown

(\$ millions except as noted)

	December 31, 2013						September 30, 2013					
	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
Within 1 year	30,028	12,641	7,913	1,407	2,274	54,263	30,233	12,413	11,857	1,052	2,372	57,927
1-5 years	38,393	3,964		1,574	1,178	45,109	38,847	3,818	332	1,471	788	45,256
Greater than 5 years	7,285	137		984	13	8,420	6,599	220		719	24	7,562
Total Gross Credit Exposure	75,707	16,741	7,913	3,965	3,465	107,792	75,679	16,451	12,189	3,242	3,183	110,744

	June 30, 2013						March 31, 2013					
	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
Within 1 year	29,292	12,265	9,977	1,266	2,508	55,308	31,323	12,811	8,282	1,160	2,372	55,948
1-5 years	38,462	3,914		1,593	605	44,575	35,991	3,363		1,508	535	41,397
Greater than 5 years	6,846	278		783	1	7,907	8,328	363		848	7	9,546
Total Gross Credit Exposure	74,600	16,457	9,977	3,642	3,114	107,791	75,642	16,537	8,282	3,516	2,914	106,891

	December 31, 2012						September 30, 2012					
	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
Within 1 year	31,961	15,399	6,994	1,133	2,524	58,011	37,496	15,413	7,984	1,241	2,258	64,392
1-5 years	36,378	1,521		1,438	167	39,505	37,125	1,413		1,422	321	40,281
Greater than 5 years	7,070	192	362	704	1	8,329	4,261	189		782	0	5,232
Total Gross Credit Exposure	75,409	17,113	7,356	3,276	2,692	105,845	78,882	17,015	7,984	3,444	2,580	109,904

	June 30, 2012						March 31, 2012					
	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total	Loans (Drawn)	Commitments (Undrawn)	Repo Style Transactions	OTC	Other Off Balance Sheet Items	Total
Within 1 year	33,544	15,297	6,266	1,250	2,413	58,771	33,912	16,148	3,241	1,159	2,873	57,334
1-5 years	39,091	1,459		1,584	158	42,293	38,913	1,297	292	1,420	185	42,105
Greater than 5 years	3,582	195		777	0	4,554	4,051	245		630	0	4,926
Total Gross Credit Exposure	76,218	16,951	6,266	3,612	2,572	105,618	76,875	17,690	3,533	3,209	3,058	104,365

Credit Risk Portfolio Exposure at Default

(\$ millions except as noted)

	December 31, 2013				September 30, 2013				June 30, 2013				March 31, 2013			
	Standardized		AIRB		Standardized		AIRB		Standardized		AIRB		Standardized		AIRB	
	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn
Corporate			26,456	11,636			26,806	11,237			26,926	10,699			26,693	10,720
Sovereign			22,696	18			22,363	26			20,326	37			20,663	33
Bank			3,275		4		2,947				3,102		16		3,447	
Total Corporate, Sovereign and Bank			52,427	11,653	4		52,115	11,263			50,354	10,736	16		50,803	10,753
Residential Mortgages	343		17,346	1	381		17,390		427		17,370	2	481		17,625	
HELOC's			2,187	2,729			2,270	2,764			2,373	2,822			2,479	2,907
Other Retail (excluding QRR and SME)	697	828	2,029	567	700	823	2,108	574	1,186	1,319	2,162	582	1,284	1,244	2,207	603
Qualifying Revolving Retail			321	739			329	746			330	757			338	771
Retail SME			357	224			381	281			397	240			409	259
Total Retail	1,039	828	22,240	4,260	1,081	823	22,478	4,365	1,613	1,319	22,633	4,402	1,765	1,244	23,058	4,540
Total Gross Credit Exposure	1,039	828	74,667	15,914	1,085	823	74,594	15,628	1,613	1,319	72,987	15,138	1,781	1,244	73,861	15,293

	December 31, 2012				September 30, 2012				June 30, 2012				March 31, 2012			
	Standardized		AIRB		Standardized		AIRB		Standardized		AIRB		Standardized		AIRB	
	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn	Loans (Drawn)	Credit Equivalent Amount on Undrawn
Corporate			26,330	11,124			27,147	10,759			26,562	10,577			26,420	10,361
Sovereign			20,083	29			22,062	29			20,423	21			20,073	25
Bank	8		3,591		39		3,664		30		2,799	47	23		3,668	795
Total Corporate, Sovereign and Bank	8		50,003	11,153	39		52,873	10,788	30		49,784	10,646	23		50,160	11,182
Residential Mortgages	528		17,849	1	586		18,122		657		18,279	3	725	4	18,289	2
HELOC's			2,598	2,945			2,656	2,994			2,716	3,066			2,832	3,123
Other Retail (excluding QRR and SME)	1,445	1,358	2,206	615	1,535	1,496	2,271	630	1,615	1,518	2,343	659	1,670	1,595	2,362	676
Qualifying Revolving Retail			350	776			354	786			353	787			359	795
Retail SME			421	263			447	319			440	273			455	315
Total Retail	1,973	1,358	23,425	4,601	2,120	1,496	23,850	4,731	2,272	1,518	24,132	4,787	2,395	1,598	24,298	4,909
Total Gross Credit Exposure	1,981	1,358	73,428	15,754	2,160	1,496	76,723	15,519	2,302	1,518	73,916	15,433	2,418	1,598	74,458	16,091

Standardized Exposures by Risk Weight Category

(\$ millions except as noted)

	December 31, 2013								September 30, 2013							
	Risk Weight Category								Risk Weight Category							
	0%	20%	35%	50%	75%	100%	150%	Total	0%	20%	35%	50%	75%	100%	150%	Total
Corporate Sovereign Bank																
Total Corporate, Sovereign and Bank										4						4
Residential Mortgages			200		128	15		343				220		142	18	381
Heloc's					1,515			1,524					1,513		10	1,523
Other Retail																
Retail SME																
Total Retail			200		1,643	15	9	1,867			220		1,656	18	10	1,904
Total Exposure at Default			200		1,643	15	9	1,867		4	220		1,656	18	10	1,908

	June 30, 2013								March 31, 2013							
	Risk Weight Category								Risk Weight Category							
	0%	20%	35%	50%	75%	100%	150%	Total	0%	20%	35%	50%	75%	100%	150%	Total
Corporate Sovereign Bank																
Total Corporate, Sovereign and Bank										16						16
Residential Mortgages			245		161	20		427			276		184	21		481
Heloc's					2,480			2,505					2,487		41	2,528
Other Retail																
Retail SME																
Total Retail			245		2,641	20	25	2,932			276		2,670	21	41	3,009
Total Exposure at Default			245		2,641	20	25	2,932		16	276		2,670	21	41	3,025

	December 31, 2012								September 30, 2012							
	Risk Weight Category								Risk Weight Category							
	0%	20%	35%	50%	75%	100%	150%	Total	0%	20%	35%	50%	75%	100%	150%	Total
Corporate Sovereign Bank																
Total Corporate, Sovereign and Bank		8						8		39						39
Residential Mortgages			301		201	26		528			333		221	32		586
Heloc's					2,768			2,804					2,992		38	3,031
Other Retail																
Retail SME																
Total Retail			301		2,968	26	36	3,332			333		3,214	32	38	3,616
Total Exposure at Default		8	301		2,968	26	36	3,340		39	333		3,214	32	38	3,656

	June 30, 2012								March 31, 2012							
	Risk Weight Category								Risk Weight Category							
	0%	20%	35%	50%	75%	100%	150%	Total	0%	20%	35%	50%	75%	100%	150%	Total
Corporate Sovereign Bank																
Total Corporate, Sovereign and Bank		30						30		23						23
Residential Mortgages			378		249	31		657			422		277	29		728
Heloc's					3,098			3,133					3,230		35	3,265
Other Retail																
Retail SME																
Total Retail			378		3,347	31	35	3,790			422		3,507	29	35	3,993
Total Exposure at Default		30	378		3,347	31	35	3,820		23	422		3,507	29	35	4,016

Risk Assessment - IRB Retail Credit Portfolio

(\$ millions except as noted)

	December 31, 2013						September 30, 2013					
	Residential Mortgages	Heloc's	Other Retail (excl. QRR and SME)	Qualifying Revolving Retail	Retail SME	Total	Residential Mortgages	Heloc's	Other Retail (excl. QRR and SME)	Qualifying Revolving Retail	Retail SME	Total
Strong	17,046	4,819	2,509	757	292	25,423	17,117	4,938	2,595	763	355	25,768
Medium	242	79	66	294	319	1,000	208	74	80	303	339	1,004
Sub-Standard			21	6	3	30			4	4	2	11
Impaired/Default	59	18	5	3	10	95	66	22	7	4	10	107
Total Exposure at Default	17,347	4,916	2,600	1,060	624	26,547	17,390	5,034	2,686	1,075	706	26,891

	June 30, 2013						March 31, 2013					
	Residential Mortgages	Heloc's	Other Retail (excl. QRR and SME)	Qualifying Revolving Retail	Retail SME	Total	Residential Mortgages	Heloc's	Other Retail (excl. QRR and SME)	Qualifying Revolving Retail	Retail SME	Total
Strong	17,040	5,077	2,661	766	303	25,848	17,280	5,275	2,717	770	334	26,375
Medium	254	93	78	311	381	1,117	255	87	85	329	384	1,140
Sub-Standard			4	6	4	14			5	6	5	16
Impaired/Default	77	24	7	4	11	123	90	24	8	4	10	136
Total Exposure at Default	17,372	5,195	2,749	1,087	698	27,101	17,625	5,386	2,815	1,109	732	27,667

	December 31, 2012						September 30, 2012					
	Residential Mortgages	Heloc's	Other Retail (excl. QRR and SME)	Qualifying Revolving Retail	Retail SME	Total	Residential Mortgages	Heloc's	Other Retail (excl. QRR and SME)	Qualifying Revolving Retail	Retail SME	Total
Strong	17,506	5,430	2,700	780	539	26,956	17,750	5,526	2,783	787	594	27,440
Medium	249	91	116	335	193	985	286	103	112	342	209	1,053
Sub-Standard			3	7	2	12			3	7	12	22
Impaired/Default	95	22	8	4	11	140	86	21	11	4	12	135
Total Exposure at Default	17,850	5,543	2,827	1,127	746	28,093	18,122	5,650	2,910	1,141	827	28,650

	June 30, 2012						March 31, 2012					
	Residential Mortgages	Heloc's	Other Retail (excl. QRR and SME)	Qualifying Revolving Retail	Retail SME	Total	Residential Mortgages	Heloc's	Other Retail (excl. QRR and SME)	Qualifying Revolving Retail	Retail SME	Total
Strong	17,904	5,652	2,876	791	563	27,786	17,914	5,819	2,889	797	603	28,022
Medium	274	106	128	339	177	1,024	258	111	142	346	187	1,043
Sub-Standard			3	6	2	11			2	7	1	10
Impaired/Default	104	23	14	4	12	158	119	25	13	4	14	175
Total Exposure at Default	18,282	5,782	3,021	1,140	755	28,980	18,290	5,955	3,045	1,154	805	29,250

Risk Assessment - AIRB Non-Retail Credit Portfolio

(\$ millions except as noted)

Internal Rating	December 31, 2013				September 30, 2013				June 30, 2013				March 31, 2013			
	EAD	PD (%)	LGD (%)	Risk Weight (%)	EAD	PD (%)	LGD (%)	Risk Weight (%)	EAD	PD (%)	LGD (%)	Risk Weight (%)	EAD	PD (%)	LGD (%)	Risk Weight (%)
Corporate																
Minimal Risk	2,580	0.04	36	10	2,426	0.04	34	10	1,790	0.04	40	12	1,397	0.04	45	14
Low Risk	4,979	0.11	45	29	4,928	0.11	45	30	5,091	0.11	45	28	4,807	0.11	44	28
Satisfactory Risk	21,900	0.40	35	43	21,289	0.41	35	44	21,848	0.42	35	44	20,485	0.42	34	43
Fair Default Risk	9,810	1.11	33	64	10,337	1.14	32	63	10,063	1.11	32	62	11,382	1.11	32	63
Moderate Default Risk	1,396	2.79	30	79	1,304	2.84	30	79	1,245	2.98	29	78	1,322	2.97	30	79
Significant Default Risk	293	6.66	31	110	253	6.28	30	102	202	6.39	29	100	206	6.22	31	106
High Default Risk	771	10.05	32	131	828	10.05	33	137	774	10.07	31	125	636	10.13	31	125
Special Management	339	35.87	34	151	191	32.61	32	148	221	35.66	32	153	304	40.65	32	144
Default	384	100.00	45	208	469	100.00	47	231	515	100.00	47	201	527	100.00	44	210
Total Corporate	42,452	1.99	35	50	42,025	2.09	35	51	41,749	2.23	35	50	41,066	2.40	35	51
Sovereign																
Minimal Risk	21,747	0.02	10	3	21,271	0.02	10	2	19,177	0.02	10	2	19,649	0.02	10	2
Low Risk	1,244	0.08	17	9	1,234	0.08	16	8	1,263	0.08	14	7	1,135	0.07	10	6
Satisfactory Risk						0.22	56	40		0.22	56	40				
Fair Default Risk													1	1.65	10	20
Default																
Total Sovereign	22,991	0.02	11	3	22,505	0.02	11	2	20,440	0.02	10	2	20,785	0.02	10	2
Bank																
Minimal Risk	5,083	0.04	25	11	4,517	0.04	25	12	4,978	0.04	25	12	5,311	0.04	25	12
Low Risk	907	0.12	28	22	799	0.12	28	23	794	0.11	29	22	879	0.11	29	19
Satisfactory Risk	162	0.30	31	35	85	0.24	31	33	83	0.23	29	32	60	0.23	29	34
Fair Default Risk	9	1.16	45	93	28	0.97	37	63	34	1.08	38	68	47	1.11	35	61
Moderate Default Risk	8	2.31	43	136	7	2.45	44	141	3	2.74	41	115	7	2.33	39	91
Significant Default Risk	1	7.85	79	279	4	6.02	55	176	5	5.99	52	165	6	6.12	57	188
High Default Risk									1	10.31	81	321	1	10.08	77	330
Special Management																
Default																
Total Bank	6,170	0.06	26	14	5,440	0.06	26	14	5,898	0.06	25	14	6,311	0.07	25	14

Internal Rating	December 31, 2012				September 30, 2012				June 30, 2012				March 31, 2012			
	EAD	PD (%)	LGD (%)	Risk Weight (%)	EAD	PD (%)	LGD (%)	Risk Weight (%)	EAD	PD (%)	LGD (%)	Risk Weight (%)	EAD	PD (%)	LGD (%)	Risk Weight (%)
Corporate																
Minimal Risk	1,787	0.04	49	13	1,721	0.04	50	13	1,908	0.04	49	14	2,172	0.04	49	11
Low Risk	4,384	0.11	45	25	4,815	0.10	46	24	4,380	0.10	45	24	4,469	0.11	44	23
Satisfactory Risk	19,529	0.43	34	41	19,396	0.43	34	40	19,267	0.44	34	41	18,539	0.44	33	40
Fair Default Risk	12,340	1.12	33	62	12,541	1.13	33	61	12,359	1.13	33	62	12,611	1.15	32	62
Moderate Default Risk	1,367	2.92	29	77	1,295	2.86	29	76	1,308	2.82	29	77	1,286	2.94	28	75
Significant Default Risk	169	6.19	31	105	178	6.16	30	106	199	6.17	30	104	232	6.10	29	102
High Default Risk	596	10.09	30	121	504	10.15	31	128	463	10.06	31	126	441	10.11	31	129
Special Management	246	38.74	33	143	298	49.01	29	115	283	50.05	32	125	278	43.01	31	132
Default	514	100.00	45	208	562	100.00	47	225	542	100.00	43	210	579	100.00	47	237
Total Corporate	40,932	2.31	35	50	41,310	2.51	36	49	40,709	2.48	35	50	40,607	2.53	35	49
Sovereign																
Minimal Risk	18,965	0.01	10	2	20,645	0.01	10	2	18,863	0.01	10	2	18,480	0.01	10	2
Low Risk	1,223	0.07	11	6	1,512	0.07	10	6	1,664	0.07	10	6	1,656	0.07	11	6
Satisfactory Risk	2	0.33	56	54	2	0.33	55	53	2	0.34	55	53	2	0.34	55	54
Fair Default Risk													1	1.20	37	65
Default																
Total Sovereign	20,190	0.02	10	2	22,159	0.02	10	2	20,529	0.02	10	2	20,139	0.02	10	2
Bank																
Minimal Risk	4,966	0.04	24	9	5,245	0.04	24	9	4,634	0.03	25	9	5,928	0.04	25	8
Low Risk	1,057	0.10	30	14	1,001	0.10	30	14	657	0.11	28	13	836	0.11	31	15
Satisfactory Risk	56	0.25	31	31	55	0.25	35	33	49	0.24	33	32	55	0.25	37	31
Fair Default Risk	14	1.38	36	67	15	1.08	37	65	45	0.88	39	61	36	0.91	39	61
Moderate Default Risk	4	2.89	56	139	4	2.88	51	128	6	3.92	39	116	6	3.87	38	113
Significant Default Risk	4	6.02	55	175	14	5.95	72	251	5	6.23	78	268	2	6.74	72	244
High Default Risk	1	10.41	69	289	2	10.00	69	292	3	10.33	64	272	1	11.68	71	320
Special Management																
Default																
Total Bank	6,102	0.06	25	10	6,336	0.07	26	11	5,399	0.07	25	11	6,864	0.06	26	10

*EAD - Exposure at Default, see glossary for details

*PD - Probability of Default, see glossary for details

*LGD - Loss Given Default, see glossary for details

*Risk Weight % is a Weighted Average based on EAD

Exposures Covered By Credit Risk Mitigation

(\$ millions except as noted)

Counterparty Type	December 31, 2013			September 30, 2013			June 30, 2013			March 31, 2013		
	Standardized		AIRB	Standardized		AIRB	Standardized		AIRB	Standardized		AIRB
	Eligible Financial Collateral	Credit Derivatives/ Guarantees	Credit Derivatives/ Guarantees	Eligible Financial Collateral	Credit Derivatives/ Guarantees	Credit Derivatives/ Guarantees	Eligible Financial Collateral	Credit Derivatives/ Guarantees	Credit Derivatives/ Guarantees	Eligible Financial Collateral	Credit Derivatives/ Guarantees	Credit Derivatives/ Guarantees
Corporate			1,181			586			675			966
Sovereign												
Bank												
Total Corporate, Sovereign and Bank			1,181			586			675			966
Residential Mortgages			3,702			4,145			4,664			4,772
HELOC's												
Other Retail (excluding QRR and SME)												
Qualifying Revolving Retail												
Retail SME												
Total Retail			3,702			4,145			4,664			4,772
Total			4,883			4,730			5,339			5,738

Counterparty Type	December 31, 2012			September 30, 2012			June 30, 2012			March 31, 2012		
	Standardized		AIRB	Standardized		AIRB	Standardized		AIRB	Standardized		AIRB
	Eligible Financial Collateral	Credit Derivatives/ Guarantees	Credit Derivatives/ Guarantees	Eligible Financial Collateral	Credit Derivatives/ Guarantees	Credit Derivatives/ Guarantees	Eligible Financial Collateral	Credit Derivatives/ Guarantees	Credit Derivatives/ Guarantees	Eligible Financial Collateral	Credit Derivatives/ Guarantees	Credit Derivatives/ Guarantees
Corporate			1,359			1,264			1,238			1,131
Sovereign												
Bank												
Total Corporate, Sovereign and Bank			1,359			1,264			1,238			1,131
Residential Mortgages			5,152			5,897			6,657			7,139
HELOC's												
Other Retail (excluding QRR and SME)												
Qualifying Revolving Retail												
Retail SME												
Total Retail			5,152			5,897			6,657			7,139
Total			6,512			7,162			7,895			8,270

AIRB Credit Risk Exposures - Credit Commitments

(\$ millions except as noted)

Counterparty Type	December 31, 2013		September 30, 2013		June 30, 2013		March 31, 2013	
	Notional Undrawn	EAD on Undrawn	Notional Undrawn	EAD on Undrawn	Notional Undrawn	EAD on Undrawn	Notional Undrawn	EAD on Undrawn
Corporate	27,671	11,636	26,508	11,237	26,143	10,699	26,699	10,720
Sovereign	43	18	64	26	90	37	82	33
Bank	63		61		415		402	
Total Corporate, Sovereign and Bank	27,777	11,653	26,632	11,263	26,648	10,736	27,183	10,753
Residential Mortgages	29	1	26		22	2	20	
HELOC's	3,161	2,729	3,176	2,764	3,213	2,822	3,288	2,907
Other Retail (excluding QRR and SME)	740	567	755	574	784	582	802	603
Qualifying Revolving Retail	973	739	979	746	995	757	1,011	771
Retail SME	255	224	327	281	265	240	299	259
Total Retail	5,157	4,260	5,262	4,365	5,279	4,402	5,420	4,540
Total	32,933	15,914	31,894	15,628	31,926	15,138	32,603	15,293

Counterparty Type	December 31, 2012		September 30, 2012		June 30, 2012		March 31, 2012	
	Notional Undrawn	EAD on Undrawn	Notional Undrawn	EAD on Undrawn	Notional Undrawn	EAD on Undrawn	Notional Undrawn	EAD on Undrawn
Corporate	26,874	11,124	26,429	10,759	25,797	10,577	25,271	10,361
Sovereign	71	29	71	29	52	21	61	25
Bank	450		2,284		116	47	1,940	795
Total Corporate, Sovereign and Bank	27,395	11,153	28,784	10,788	25,965	10,646	27,273	11,182
Residential Mortgages	23	1	23		30	3	27	2
HELOC's	3,310	2,945	3,299	2,994	3,363	3,066	3,385	3,123
Other Retail (excluding QRR and SME)	1,208	615	1,146	630	1,274	659	1,293	676
Qualifying Revolving Retail	1,015	776	1,020	786	1,020	787	1,024	795
Retail SME	627	263	459	319	562	273	487	315
Total Retail	6,183	4,601	5,948	4,731	6,250	4,787	6,216	4,909
Total	33,578	15,754	34,732	15,519	32,214	15,433	33,489	16,091

Securitization

Securitization strategy

HSBC acts as originator, sponsor, investor, liquidity provider and derivative counterparty to its own originated and sponsored securitizations, as well as those of third party securitizations. Our strategy is to use securitizations to meet our needs for aggregate funding or capital management, to the extent that market regulatory treatments and other conditions are suitable, and for customer facilitation.

Our roles in the securitization process are as follows:

Originator: where we originate the assets being securitized;

Sponsor: where we establish and manage a securitization programme that purchases exposures from third parties and provide derivatives or liquidity facilities; and

Investor: where we invest in a securitization transaction directly.

HSBC as an originator

We securitize National Housing Act ('NHA') mortgage backed securities ('MBS') through programs sponsored by the Canada Mortgage and Housing Corporation. Under International Financial Reporting Standards ('IFRS'), the terms of the transaction do not meet the de-recognition criteria included within IAS 39 because the pass-through test is not met. Therefore, the transaction is accounted for as a secured borrowing with the underlying mortgages of the MBS remaining on balance sheet and a liability recognized for the funding received, with no recognition of gains or losses on transfer.

Risk weighted assets are calculated on the mortgage pools and no regulatory relief is taken on the securitization. As a result, these are not considered securitization exposures and have been excluded from all securitization quantitative disclosures.

HSBC as sponsor

We act as financial services agent for a multi-seller asset-backed commercial paper conduit program ('multi-seller conduit') and also provide swap and liquidity facilities.

This multi-seller conduit provides the bank's clients with alternate sources of financing through the securitization of their assets. Clients sell financial assets to the conduit and the conduit funds its purchase of such financial assets through the issuance of short-term asset-backed commercial paper to investors. Each client continues to service the financial assets they have sold to the multi-seller conduit and absorbs the first losses associated with such assets. The bank has no rights to the assets as they are owned by the multi-seller conduit.

For more detail on the liquidity facilities outlined above, refer to the note on contingent liabilities, contractual commitments and guarantees, Annual Report and Accounts 2013.

Securitization

HSBC as investor

We have exposure to third party securitizations in the form of NHA MBS, Canada Housing Trust bullet bonds, non-NHA residential mortgage securitizations and asset backed commercial paper.

These securitization positions are managed by a dedicated team that uses a combination of market standard systems and third party data providers to monitor performance data and manage market and credit risks.

For a description of the bank's credit and market risk policies please refer to the credit risk and market risk sections in Management's Discussion and Analysis, Annual Report and Accounts 2013.

Valuation of securitization positions

The valuation process of our investments in securitization exposures primarily focuses on quotations from third parties, observed trade levels and calibrated valuations from market standard models. This process did not change during 2013. Further details may be found in the notes on significant account policies and fair value of financial instruments, Annual Report and Accounts 2013.

Securitization activities during 2013

Activities consisted of structural changes to the sponsored multi-seller conduit and disposals of investments in third party securitizations.

Calculation of risk-weighted assets for securitization exposures

Securitization exposures are currently treated as on balance sheet and included in the Basel II category to which the exposures relate. The bank uses the Advanced Internal Ratings Based approach (AIRB). This approach uses the bank's own historical experience of probability of default (PD), loss given default (LGD) and exposure at default (EAD) and other key risk assumptions to calculate credit risk capital requirements.

Securitization accounting treatment

For information on the bank's securitization accounting treatment, please refer to the note on significant account policies, Annual Report and Accounts 2013.

Securitization Exposures

(\$ millions except as noted)

Securitization exposure - by trading and banking book^{1 2}

	At December 31, 2013			At September 30, 2013			At June 30, 2013			At March 31, 2013		
	Trading	Banking	Total	Trading	Banking	Total	Trading	Banking	Total	Trading	Banking	Total
As Sponsor³												
Trade receivables		967	967		967	967		966	966		970	970
As Investor	4		4	3		3	1	2	3	3	5	8
Residential mortgages								2	2		5	5
Trade receivables	4		4	3		3	1		1	3		3
	4	967	971	3	967	970	1	968	969	3	975	978

	At December 31, 2012			At September 30, 2012			At June 30, 2012			At 31 March 2012		
	Trading	Banking	Total	Trading	Banking	Total	Trading	Banking	Total	Trading	Banking	Total
As Sponsor³												
Trade receivables		1,007	1,007		965	965		712	712		695	695
As Investor	5	9	14	282	10	292	226	19	245	46	19	65
Residential mortgages		9	9		10	10		19	19		19	19
Trade receivables	5		5	282		282	226		226	46		46
	5	1,016	1,021	282	975	1,257	226	731	957	46	714	760

1 All securitizations exposures result from traditional securitizations. National Housing Association MBS and bonds issued by Canada Housing Trust are not considered securitization exposures and are excluded.

2 All securitization exposures in role of Investor are recorded on-Balance Sheet; exposures in role of Sponsor are off-Balance Sheet with the exception of \$5 million at December 2013 (\$4 million at September 2013) in respect of derivative contracts with the bank sponsored multi-seller conduit.

3 Securitization exposures in role of sponsor are reported pre credit conversion factor.

Securitization exposure - movement year to date

	Total at January 1	Year to date movement		Total at December 31
		As sponsor	As investor	
2013				
Aggregate amount of securitization exposures (retained or purchased)				
Residential mortgages	9	-	(9)	0
Trade receivables	1,012	(40)	(1)	971
	1,021	(40)	(10)	971

Securitization exposure - asset values and impairment charges

	At December 31, 2013			At September 30, 2013			At June 30, 2013			At March 31, 2013		
	Underlying assets ¹		Securitization exposures Impairment charge	Underlying assets ¹		Securitization exposures Impairment charge	Underlying assets ¹		Securitization exposures Impairment charge	Underlying assets ¹		Securitization exposures Impairment charge
	Total	Impaired & past due		Total	Impaired & past due		Total	Impaired & past due		Total	Impaired & past due	
As Sponsor												
Trade receivables	1,341			1,341			1,332			1,326		
As Investor¹												
Residential mortgages												
Trade receivables												

	At December 31, 2012			At September 30, 2012			At June 30, 2012			At 31 March 2012		
	Underlying assets ¹		Securitization exposures Impairment charge	Underlying assets ¹		Securitization exposures Impairment charge	Underlying assets ¹		Securitization exposures Impairment charge	Underlying assets ¹		Securitization exposures Impairment charge
	Total	Impaired & past due		Total	Impaired & past due		Total	Impaired & past due		Total	Impaired & past due	
As Sponsor												
Trade receivables	1,328			1,270			1,267			914		
As Investor¹											1	
Residential mortgages											1	
Trade receivables											1	

1 For securitisations where HSBC acts as investor, information on third-party underlying assets is not available.

Securitization Exposures

(\$ millions except as noted)

Securitization exposures by risk weighting

Category risk weights	Exposure value at December 31, 2013			Exposure value at September 30, 2013			Exposure value at June 30, 2013			Exposure value at March 31, 2013		
	Trading book	Banking book	Total	Trading book	Banking book	Total	Trading book	Banking book	Total	Trading book	Banking book	Total
≤ 10%		959	959		959	959		959	959		959	959
> 10% ≤ 20%	4		4							3		3
> 20% ≤ 50%		8	8		8	8	1	7	8		11	11
> 50% ≤ 100%												
> 100% ≤ 650%				3		3						
> 650% < 1250%								2	2		5	5
1250%												
Total	4	967	971	3	967	970	1	968	969	3	975	978

Category risk weights	Exposure value at December 31, 2012			Exposure value at September 30, 2012			Exposure value at June 30, 2012			Exposure value at March 31, 2012		
	Trading book	Banking book	Total	Trading book	Banking book	Total	Trading book	Banking book	Total	Trading book	Banking book	Total
≤ 10%		996	996		810	810		555	555		543	543
> 10% ≤ 20%	5		5	282		282	226		226	35		35
> 20% ≤ 50%		11	11		155	155		157	157	11	152	163
> 50% ≤ 100%												
> 100% ≤ 650%												
> 650% < 1250%												
1250%		9	9		10	10		19	19		19	19
Total	5	1,016	1,021	282	975	1,257	226	731	957	46	714	760

Capital required by risk weighting

Category risk weights	Capital required at December 31, 2013			Capital required at September 30, 2013			Capital required at June 30, 2013			Capital required at March 31, 2013		
	Trading book	Banking book	Total	Trading book	Banking book	Total	Trading book	Banking book	Total	Trading book	Banking book	Total
≤ 10%		2	2		2	2		1	1		3	3
> 10% ≤ 20%												
> 20% ≤ 50%											1	1
> 50% ≤ 100%												
> 100% ≤ 650%												
> 650% < 1250%												
1250%								2	2		5	5
Total	2	2	2	2	2	2	3	3	3	9	9	9

Category risk weights	Capital required at December 31, 2012			Capital required at September 30, 2012			Capital required at June 30, 2012			Capital required at March 31, 2012		
	Trading book	Banking book	Total	Trading book	Banking book	Total	Trading book	Banking book	Total	Trading book	Banking book	Total
≤ 10%		4	4		3	3		2	2		2	2
> 10% ≤ 20%				4		4	3		3	1		1
> 20% ≤ 50%					5	5		5	5		5	5
> 50% ≤ 100%												
> 100% ≤ 650%												
> 650% < 1250%												
1250%		9	9		10	10		19	19		19	19
Total	13	13	13	4	18	22	3	26	29	1	26	27

Residential Mortgages and Home Equity Lines of Credit (HELOC)

(\$ millions except as noted)

The bank's mortgage and home equity lines of credit portfolios are considered to be low-risk since the majority are secured by a first charge against the underlying real estate. The tables below detail how the bank mitigates risk further by diversifying the geographical markets in which it operates, by purchasing insurance, by keeping loan terms within reasonable time-frames and by monitoring loan-to-value ratios to assess the quality of its portfolio.

Insurance and geographic distribution ⁽¹⁾	December 31, 2013						
	Residential mortgages					HELOC ⁽²⁾	
	Insured ⁽³⁾		Uninsured		Total	Uninsured	
	Amount	% insured	Amount	% uninsured	Amount	Amount	% uninsured
(\$ millions except as noted)							
British Columbia	1,962	18 %	8,792	82 %	10,754	1,114	100 %
Western Canada excluding British Columbia	381	26 %	1,059	74 %	1,440	299	100 %
Ontario	1,090	22 %	3,888	78 %	4,978	648	100 %
Quebec and Atlantic provinces	269	26 %	768	74 %	1,037	126	100 %
Total December 31, 2013	3,702	20 %	14,507	80 %	18,209	2,187	100 %
September 30, 2013	4,145	23 %	14,144	77 %	18,289	2,270	100 %

Amortization period ⁽⁴⁾	December 31, 2013				
	Residential mortgages				
	< 20 years	20-24 years	25-29 years	30-34 years	35 years and greater
Total December 31, 2013	30 %	41 %	25 %	4 %	0 %
September 30, 2013	30 %	41 %	24 %	5 %	0 %

Average loan-to-value ratios of new originations ⁽⁵⁾	For the 3 months ended: December 31, 2013	
	Uninsured %LTV ⁽⁶⁾	
	Residential mortgages	HELOC ⁽²⁾
British Columbia	59 %	48 %
Western Canada excluding British Columbia	66 %	54 %
Ontario	62 %	54 %
Quebec and Atlantic provinces	60 %	55 %
Total December 31, 2013	60 %	52 %
September 30, 2013	58 %	51 %

(1) Geographic location is determined by the address of the originating branch.

(2) HELOC is an abbreviation for Home Equity Lines of Credit, which are lines of credit secured by equity in real estate.

(3) Insured mortgages are protected from potential losses caused by borrower default through the purchase of insurance coverage, either from the Canadian Mortgage and Housing Corporation or other accredited private insurers.

(4) Amortization period is based on the remaining term of the residential mortgages.

(5) All new mortgages and home equity lines of credit were originated by the bank; there were no acquisitions during the period.

(6) Loan-to-value ratios are simple averages, based on property values at the date of mortgage origination.

Potential impact of an economic downturn on residential mortgage loans and home equity lines of credit

The Bank performs stress testing on its Retail portfolio to assess the impact of increased levels of unemployment, rising interest rates, reduction in property values and changes in other relevant macro economic variables. Potential increase in losses in the mortgage portfolio under downturn economic scenarios are considered manageable given the diversified composition of the portfolio, the low loan-to-value in the portfolio and risk mitigation strategies in place.

Glossary

Advanced Internal Ratings Based (AIRB) approach for credit risk - Under this approach, banks use their own internal historical experience of PD, LGD, EAD and other key risk assumptions to calculate credit risk capital requirements.

All-in regulatory capital assumes that all Basel III regulatory adjustments are applied effective January 1, 2013 and that the capital value of instruments which no longer qualify as regulatory capital under Basel III rules will be phased out at a rate of 10% per year from January 1, 2013 and continuing to January 1, 2022.

Bank - Includes exposures to deposit taking institutions, securities firms and certain public sector entities.

Commitments (Undrawn) - The amount of credit risk exposure resulting from the unutilized portion of an authorized credit line/committed credit facility.

Corporate - Includes exposures to corporations, partnerships and proprietorships.

Drawn - The amount of credit risk exposure resulting from loans advanced to a borrower.

Exposure At Default (EAD) - An estimate of the amount of exposure to a customer at the time of default.

Home Equity Lines of Credit (HELOC's) - Revolving personal lines of credit secured by home equity.

Loss Given Default (LGD) - An estimate of the economic loss, expressed as a percentage (0%-100%) of the exposure at default, that the Bank will incur in the event a borrower defaults

OTC Derivatives - Includes over-the-counter derivatives contracts.

Other Off Balance Sheet Items - Includes all off-balance sheet arrangements other than derivatives and undrawn commitments, such as standby letters of credit and letters of guarantee.

Other Retail - Includes all other personal loans.

Probability of Default (PD) - An estimate of the likelihood of a customer defaulting on any credit related obligation within a 1 year time horizon, expressed as a percentage.

Qualifying Revolving Retail (QRR) - Includes credit cards and unsecured lines of credit extended to individuals.

Repo-Style Transactions - Includes repurchase and reverse repurchase agreements and securities borrowing and lending.

Retail SME - Includes small business loans.

Sovereign - Includes exposures to central governments, central banks, multilateral development banks and certain public sector entities.

Standardized Approach for credit risk - Under this approach, banks use a standardized set of risk-weights as prescribed by OSFI to calculate credit risk capital requirements. The standardized risk-weights are based on external credit assessments, where available, and other risk-related factors, including exposure asset class, collateral, etc.

Transitional regulatory capital assumes that all Basel III regulatory capital adjustments are phased in from January 1, 2014 to January 1, 2018 and that the capital value of instruments which no longer qualify as regulatory capital under Basel III rules will be phased out at a rate of 10% per year from January 1, 2013 and continuing to January 1, 2022.