



Jay Chaudhary, a previously suspended registered broker turned unregistered Vancouver mortgage broker, may have arranged over half a billion dollars (\$511 million) in loans, many of which could be based on falsified income records, according to a cease and desist order issued by FICOM May 30.

Documents obtained by investigators indicate Chaudhary may have worked on 875 files that generated \$5.28 million in client fees and \$642,344 in referral fees "paid by the registered submortgage brokers who submitted the applications to lenders on his behalf," according to the order.

"If proven, individuals conducting or facilitating unregistered mortgage broker business can receive administrative sanctions, which may include financial penalties up to a maximum of \$50,000 plus investigation and hearing costs."

### "Show me incentives, I'll show you outcomes"

Our friend Ron Butler pushed back against our assertion that mortgage fraud is a "structural issue":

<https://twitter.com/ronmortgageguy/status/1139688719781285888>

"Structural" covers a lot of ground. Is there mortgage fraud? Absolutely there is fraud for shelter! What percentage of new mortgage origination does it represent? Low of 5% high of 20%. Why not more specific? I just don't know enough crooks to produce better numbers"

## Canadian credit trends update

- 1) OSFI and BoC mortgage data diverge, chartered banks ramp business lending again in April
- 2) Credit trends: ATB business loan provisions jump 450% y/y, insolvencies tick up
- 3) Tidbits from OSFI filings and other data points
  - i) Laurentian Bank update
  - ii) CIBC insured loans slump 1.2% vs +0.2% peer group
  - iii) EQB insured mortgages up 24% y/y!
  - iv) HCG and other non-prime lenders continue to gain market share
  - v) GIC rates tumble to 18-month lows
  - vi) Stress test set to ease as lenders cut posted rates
- 4) Loan growth by lender

## 1) OSFI and BoC mortgage data diverge, chartered banks ramp business lending again in April

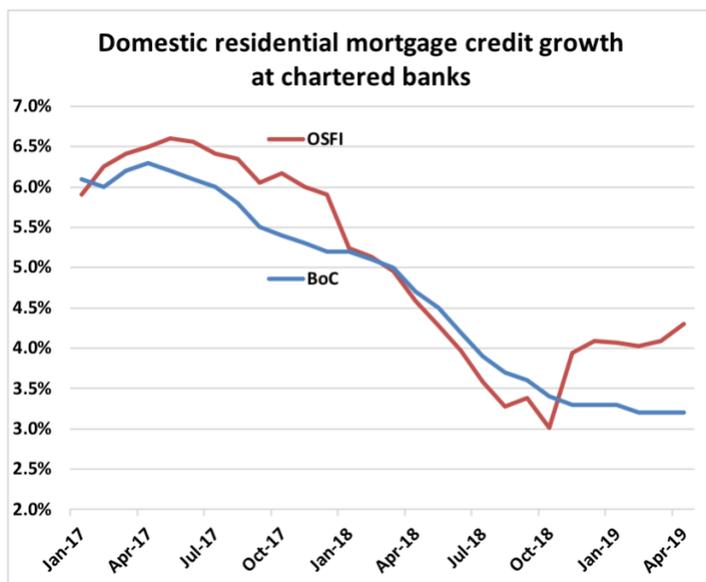
OSFI balance sheet data for April shows that Canadian chartered banks continue to lean on business lending to bolster overall loan growth. Notable is the 14.2% y/y growth in domestic business loans and the 23.1% growth in foreign \$ denominated loans:

	Domestic lending y/y	Foreign \$ denominated y/y
<b>Consumer loans</b>	<b>4.1%</b> (4.1% prev)	<b>10.8%</b> (9.0% prev)
<b>Mortgage loans</b>	<b>4.3%</b> (4.1% prev)	<b>19.7%</b> (17.9% prev)
<b>Business loans</b>	<b>14.2%</b> (11.2% prev)	<b>23.1%</b> (22.2% prev)

There's a growing discrepancy between OSFI balance sheet data and Bank of Canada credit data for chartered banks. The former shows domestic mortgage growth at 4.3% y/y and accelerating (see above), the latter is at 2.9% and stable as of April:

<https://credit.bankofcanada.ca/householdcredit#shcc>

We've put inquiries in to both the BoC and OSFI to better understand the discrepancy since it's a pretty important one. Our sense is that the OSFI data is correct, at least directionally. Mortgage credit growth should be accelerating modestly based on channel checks with mortgage contacts, all of whom are reporting an increase in volumes through the spring relative to last year:



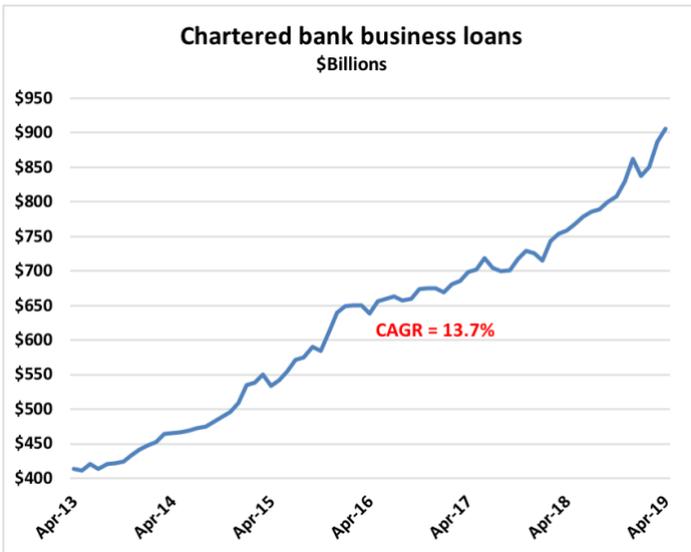
OSFI data for the big 6 banks plus CWB and LB as of April are shown below.

	Y/Y							
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	4.22%	5.82%	3.24%	3.04%	6.84%	-6.52%	17.16%	7.58%
Feb-18	4.40%	5.94%	4.03%	2.85%	9.25%	-7.04%	17.66%	7.80%
Mar-18	4.59%	5.63%	6.57%	1.95%	9.91%	-7.84%	18.10%	7.47%
Apr-18	3.78%	5.62%	4.41%	1.12%	8.49%	-8.68%	17.54%	6.97%
May-18	3.72%	5.37%	6.74%	-0.38%	9.39%	-8.33%	16.47%	7.81%
Jun-18	4.39%	5.52%	8.71%	0.00%	8.23%	-8.60%	16.60%	10.37%
Jul-18	5.31%	5.79%	9.99%	1.48%	11.42%	-8.74%	17.46%	10.91%
Aug-18	5.39%	6.06%	8.73%	2.21%	12.72%	-8.51%	16.16%	11.11%
Sep-18	5.60%	6.19%	9.22%	2.36%	13.96%	-8.29%	14.98%	11.09%
Oct-18	5.29%	6.12%	8.33%	2.11%	12.68%	-8.78%	14.32%	10.58%
Nov-18	5.33%	6.42%	7.18%	2.71%	13.71%	-8.23%	15.46%	13.69%
Dec-18	6.15%	6.83%	7.55%	4.38%	18.83%	-7.93%	16.07%	16.10%
Jan-19	5.66%	6.48%	5.36%	4.89%	17.18%	-7.97%	15.83%	13.62%
Feb-19	4.84%	5.99%	4.15%	3.93%	14.35%	-7.80%	14.81%	12.00%
Mar-19	5.00%	5.91%	2.68%	5.60%	17.65%	-7.79%	14.82%	12.57%
Apr-19	5.30%	5.35%	2.33%	7.48%	19.48%	-6.87%	14.55%	11.71%

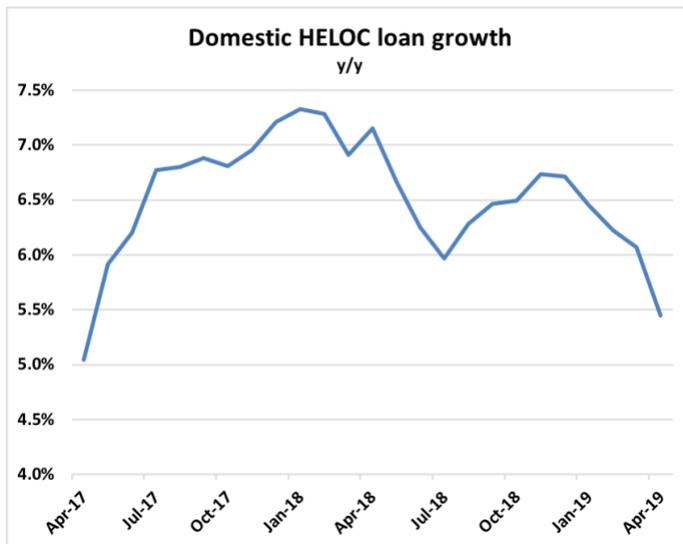
	M/M							
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-1.10%	-0.18%	-0.29%	-2.75%	-1.43%	-0.41%	0.42%	1.33%
Feb-18	0.84%	0.77%	1.13%	0.71%	3.95%	-0.85%	1.41%	1.97%
Mar-18	0.28%	0.20%	2.26%	-1.06%	1.34%	-0.60%	0.77%	0.79%
Apr-18	0.60%	1.03%	1.32%	-0.48%	0.62%	-1.02%	0.83%	1.26%
May-18	0.75%	0.81%	1.02%	0.46%	1.32%	-0.85%	1.14%	0.42%
Jun-18	0.92%	0.84%	1.40%	0.64%	1.33%	-0.76%	1.66%	1.63%
Jul-18	0.91%	0.73%	-0.05%	1.86%	0.91%	-1.00%	2.30%	-0.50%
Aug-18	0.44%	0.46%	0.46%	0.40%	0.48%	-0.76%	1.11%	0.95%
Sep-18	0.50%	0.48%	0.14%	0.80%	1.29%	-0.74%	1.03%	0.31%
Oct-18	0.39%	0.55%	1.19%	-0.42%	1.14%	-0.73%	1.03%	1.49%
Nov-18	0.71%	0.63%	-0.45%	1.68%	2.64%	-0.06%	2.27%	3.95%
Dec-18	0.79%	0.31%	-0.79%	2.57%	3.90%	-0.45%	1.05%	1.51%
Jan-19	-1.56%	-0.51%	-2.31%	-2.28%	-2.79%	-0.46%	0.21%	-0.83%
Feb-19	0.05%	0.30%	-0.03%	-0.21%	1.44%	-0.66%	0.52%	0.51%
Mar-19	0.43%	0.12%	0.82%	0.53%	4.27%	-0.59%	0.78%	1.30%
Apr-19	0.89%	0.50%	0.97%	1.30%	2.18%	-0.04%	0.59%	0.48%

Notable data points:

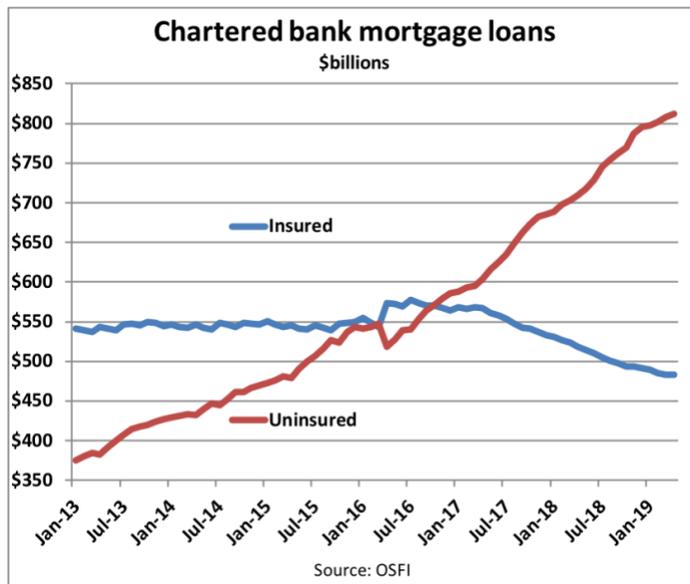
- Banks grew their business loan books by 2.2% m/m in April following a massive 4.3% increase in March. That brings their business loan books (defined by OSFI as “loans to individuals and others for business purposes”) to \$906B, a 13.7% CAGR over the past 6 years:



- Domestic HELOC loan growth slowed to 5.4% y/y in April, the lowest rate of growth in 2 years. Consider this a negative for consumption broadly and reno spending specifically given the importance of HELOC and cash-out refinancing in funding renovations.



- The runoff in bank insured mortgage books slowed sharply last month. Insured loans declined just 0.04% in April, the smallest monthly decline since early 2017. Backing out CIBC's 1.2% m/m decline, the group saw insured loans rise 0.2% m/m (more on that curious trend below).

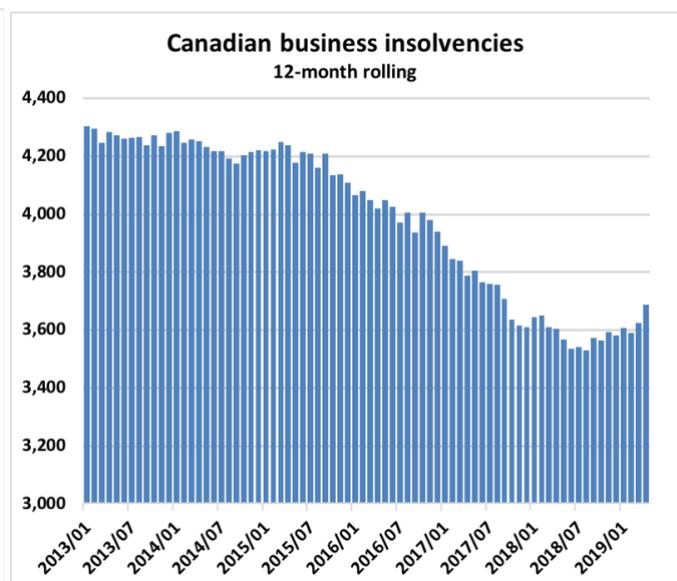
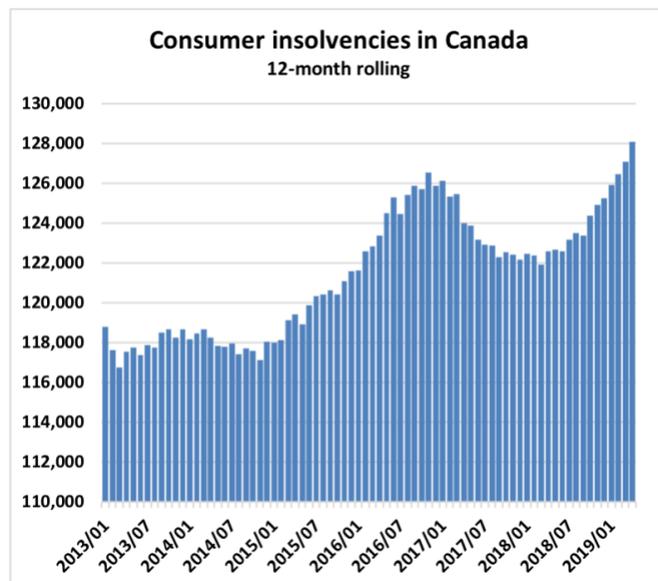


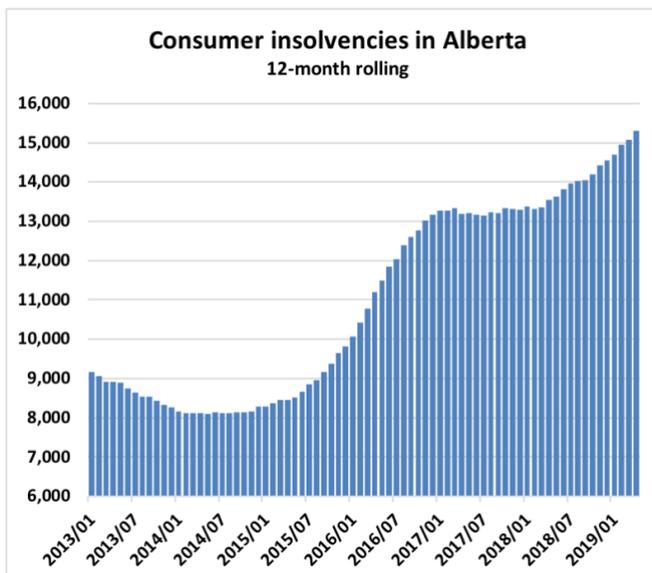
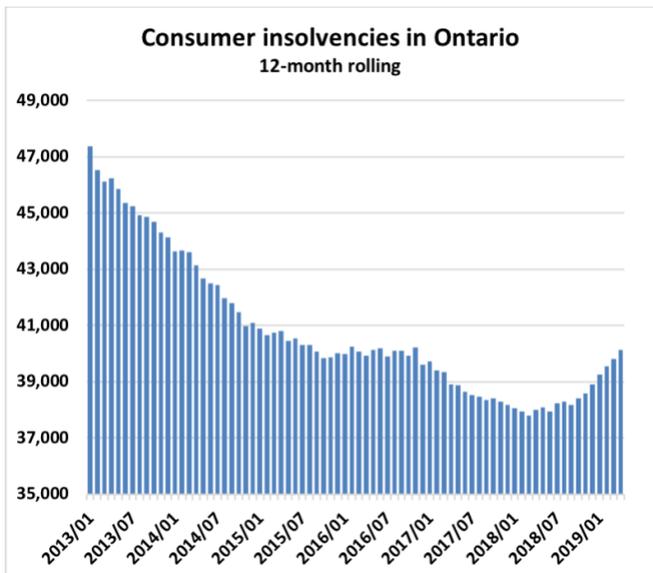
## 2) Credit trends: ATB business loan provisions jump 450% y/y, insolvencies tick up

Consumer insolvency filings jumped 9.3% y/y in April led by a 10% increase in Ontario and a 18% increase in Alberta.

The dollar volume of liabilities in those filings rose 12.1% y/y, led by a 37% increase in Alberta and a 14% increase in Ontario.

Business insolvencies also rose sharply in April, up 21.4% y/y led by a 30% increase in Quebec and a 24% increase in Ontario:





While banks like CWB have so far dodged the Alberta slowdown with almost miraculous agility, their main competitor ATB (a government-owned lender) reported a terrible quarter ending Mar 31:

### Net Income

Net income decreased by \$135.9 million (49.5%) from the prior fiscal year. While operating revenue was the highest we've ever achieved, it was overshadowed by a significant increase in loan loss provisions for our business customers as a result of a weaker economy. ATB's net contribution to the Government of Alberta, comprised of net income, payment in lieu of taxes, and deposit guarantee fee for fiscal 2018–19 was \$241.0 million, a decrease of \$164.0 million (40.5%) from last year's \$405.0 million.

Provisions for loan losses tripled y/y and were up 450% in the agricultural and business segments:

(\$ in thousands)	Retail Financial Services	Business and Agriculture	Corporate Financial Services	ATB Wealth <sup>(1)</sup>	AltaCorp Capital Inc.	Strategic service units	Total
<b>For the year end March 31, 2019</b>							
Net interest income	\$ 442,268	\$ 335,756	\$ 338,066	\$ 16,179	\$ 511	\$ 59,020	\$ 1,191,800
Other income (loss)	92,421	82,949	85,902	212,156	22,277	(4,866)	490,839
Total operating revenue	534,689	418,705	423,968	228,335	22,788	54,154	1,682,639
Provision for loan losses	46,818	148,307	138,675	4,345	-	24,435	338,145
Non-interest expenses <sup>(2)</sup>	502,937	270,597	137,161	206,810	22,230	24,435	1,164,170
Payment in lieu of tax	-	-	-	12,724	17	28,888	41,629
Net (loss) income	\$ (15,066)	\$ (199)	\$ 148,132	\$ 4,456	\$ 541	\$ 831	\$ 138,695
<b>For the year end March 31, 2018</b>							
Net interest income (loss)	\$ 455,801	\$ 314,049	\$ 329,465	\$ 702	\$ (62)	\$ 22,425	\$ 1,122,380
Other income	87,022	78,460	74,529	194,314	15,891	10,319	460,535
Total operating revenue	542,823	392,509	403,994	195,016	15,829	32,744	1,582,915
Provision for loan losses	24,211	27,093	53,702	-	-	-	105,006
Non-interest expenses <sup>(2)</sup>	506,289	224,709	110,613	143,631	12,064	124,393	1,121,699
Payment in lieu of tax	-	-	-	11,819	588	69,244	81,651
Net income (loss)	\$ 12,323	\$ 140,707	\$ 239,679	\$ 39,566	\$ 3,177	\$ (160,893)	\$ 274,559

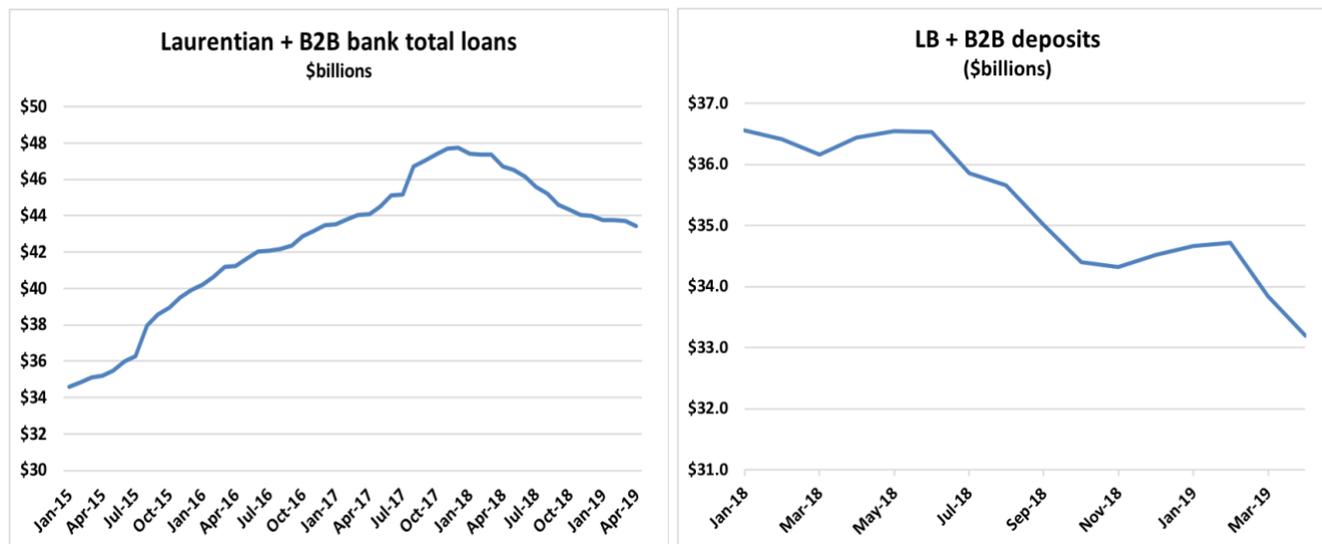
And the hits keep coming. The weekly 'Insolvency Insider' publication continues to be filled with cases like the ones below:

- **Petrocapita Oil and Gas**, a Calgary, Alberta-based oil and gas exploration company with operations in Alberta and Saskatchewan, was placed in receivership on June 11 on application by **Safeway Holdings**, owed approximately \$8.1MM. The company attempted to sell its assets informally earlier in the year with the assistance of **Sayer Energy Advisors** but was unsuccessful, and it has admitted that it cannot repay the amounts due and owing to **Safeway**. **Hudson & Company** was appointed receiver. Counsel is **Burnet, Duckworth & Palmer** for the applicant, **Bennett Jones** for the company and **Dentons** for the receiver.
- **Paserium Corporation**, owner of a series of condominium units in a mixed retail/commercial/residential project in Calgary, Alberta, was placed in receivership on June 13 on application by **RBC**, owed approximately \$7.4MM. After a series of defaults in 2018, **RBC** intended to proceed by way of a foreclosure proceeding but soon realized that this alone would be insufficient to adequately protect the bank's security. Shortly after listing the properties for sale, **RBC** learned that the condominium was facing significant building repair issues. Additionally, one of the condo units that **Paserium** owns has been subdivided into approximately 70 rooms and is operated by **Paserium** as a business centre with shared office services and staff. **RBC** therefore decided that it would be best to appoint a receiver that could serve on the condo board and evaluate, and potentially operate, the business centre while the units were marketed for sale. **Grant Thornton** was appointed receiver. **BLG** is counsel for the applicant.

### 3) Tidbits from OSFI filings and other data points

#### i) Laurentian Bank update

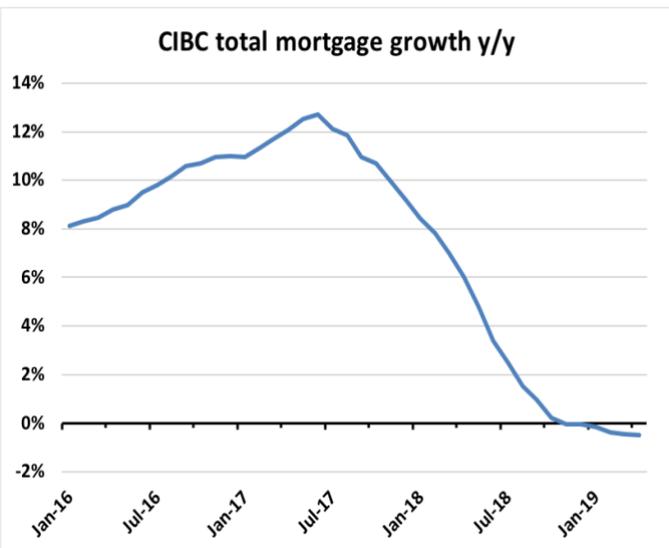
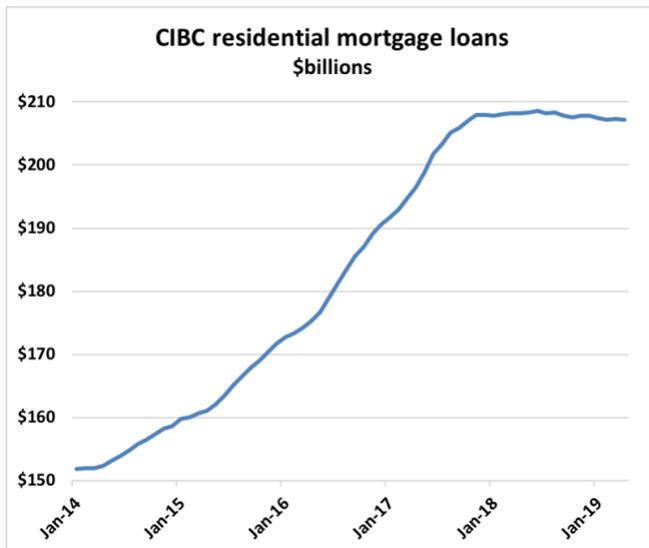
After holding steady for 2 months, LB's overall loan book declined 0.6% m/m in April while deposits fell 1.9%. There are no signs of funding stress at LB based on GIC rates which have fallen sharply over the past month.



For their part, they are trying to regain market share. Mortgage pricing remains competitive in both their prime and alt-a products, and B2B has even started waiving their lender fee on non-prime deals according to mortgage broker contacts.

## ii) CIBC update

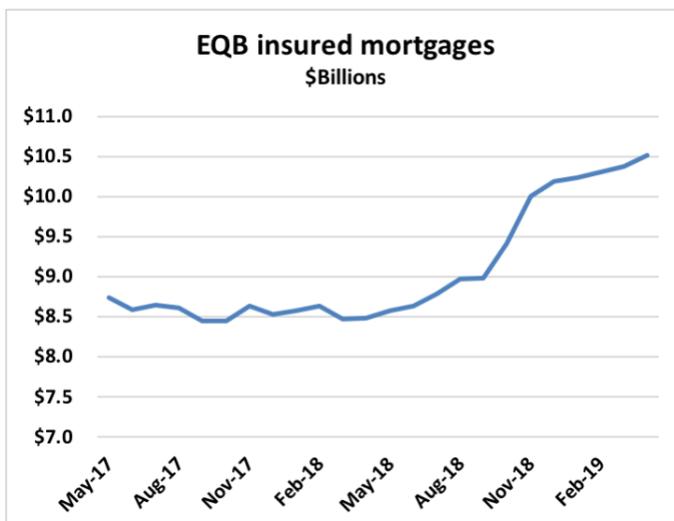
As mentioned, CM's insured mortgage book declined last month by 1.2% while their peers saw combined 0.2% growth. Read into that as you will. Years of channel checks consistently turned up stories of shenanigans on the part of their mobile mortgage salespeople, and we continue to wonder if that may have finally caught up to them in the form of more stringent underwriting scrutiny from insurers.



## iii) EQB insured mortgages up 24% y/y!

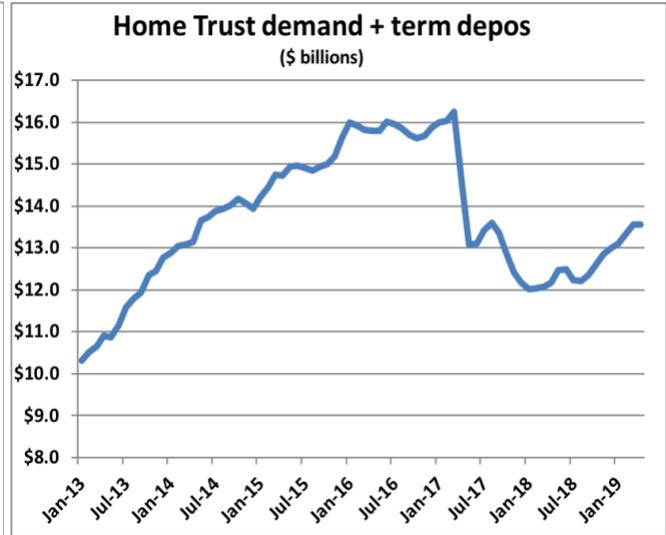
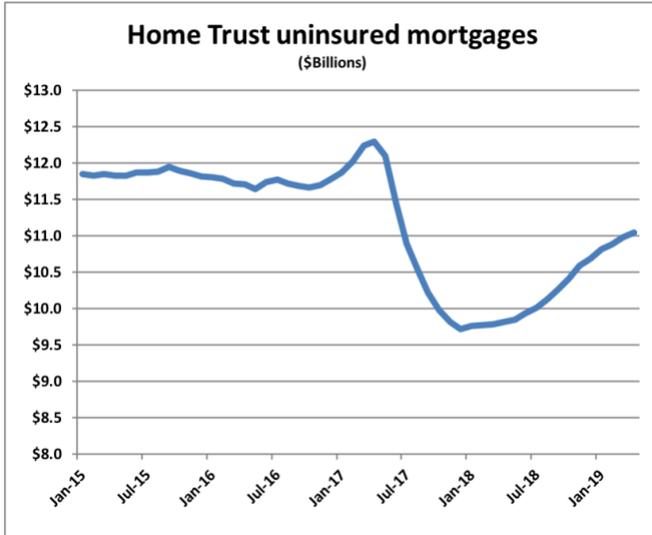
Just as big declines in insured mortgages catch our eye at CIBC, so too does a massive jump in insured mortgage balances that can't be easily explained by ultra-competitive pricing or higher broker commissions. That continues to be the case with EQB, which grew that book by 23.8% y/y in April!

Given our strong conviction that mortgage fraud in Canada is always concentrated in the insured segment for reasons outlined here (<https://view.protectedpdf.com/8EJuzD>), we always urge readers who might own these lenders to get comfortable with how exactly they are sourcing this sort of growth:



## iv) HCG continues to gain market share

Home Capital Group continues to claw back market share. Uninsured loans grew 0.6% m/m in April and were up 12.5% y/y. Deposits were stable in April:

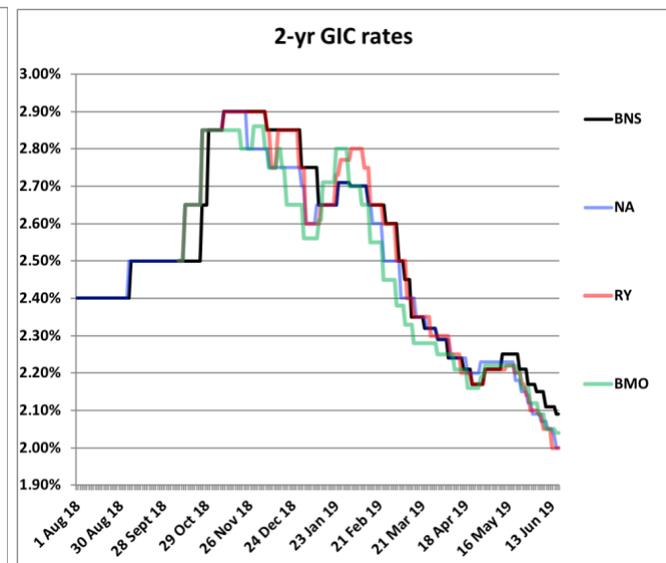
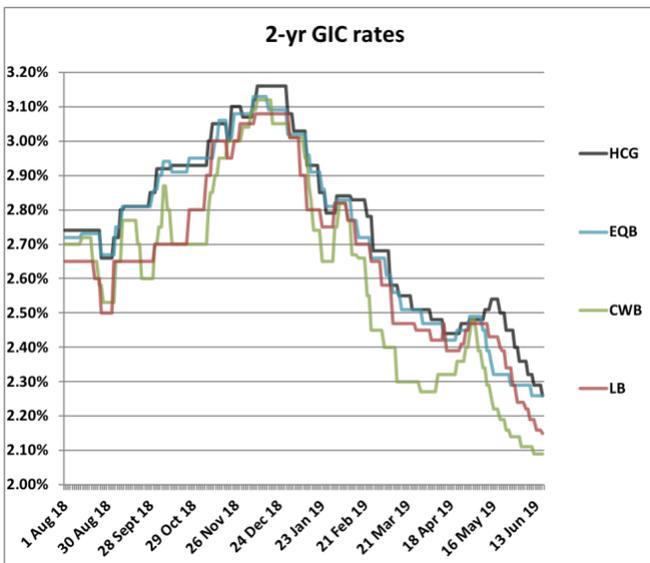
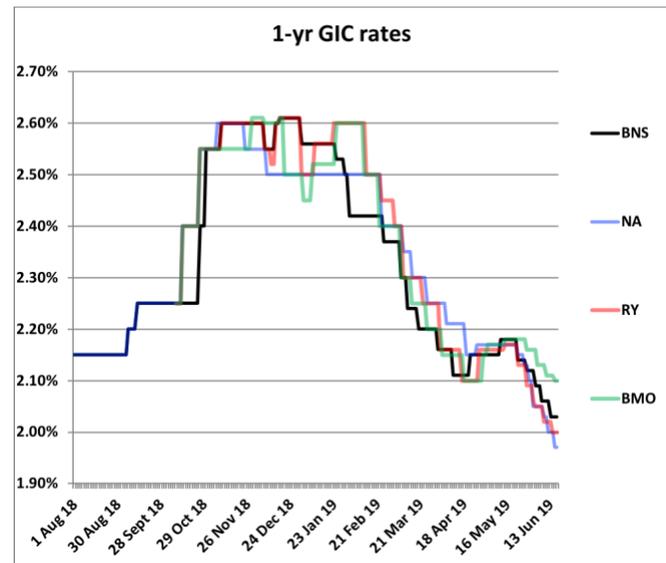
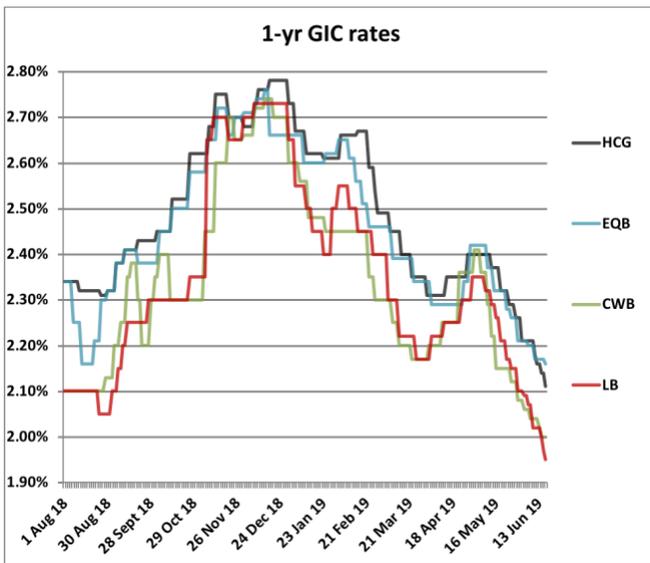


Broker channel market share data for Q1 shows that non-prime lenders are gaining share, led by EQB (+190bps y/y), SCB (+160bps) and HCG (+140bps). Per Canadian Mortgage Trends: <https://www.canadianmortgagetrends.com/2019/03/broker-lender-market-share-q4-2018/>

Rank	Broker Channel Lender	Market Share Q1 2019*	12 Mo Share Change
1	Scotiabank	21.6%	-450 bps
2	MCAP / RMG	14.3%	-130 bps
3	First National	11.9%	-80 bps
4	TD Canada Trust	8.4%	-10 bps
5	Home Trust Company	6.9%	+140 bps
6	Street Capital	6.8%	+160 bps
7	Equitable Bank	6.3%	+190 bps
8	Merix Financial	5.8%	+80 bps
9	Desjardins	3.1%	-10 bps
10	Manulife Bank	2.2%	N/C

**v) GIC rates tumble**

GIC rates have plunged in recent weeks to the lowest levels since late 2017:



The 1-month change in GIC rates are shown below:

	<b>1-yr GIC Δ bps</b>	<b>2-yr GIC Δ bps</b>
<b>RY</b>	-17	-22
<b>BNS</b>	-15	-16
<b>BMO</b>	-8	-18
<b>NA</b>	-20	-23
<b>LB</b>	-31	-28
<b>CWB</b>	-15	-13
<b>EQB</b>	-16	-16
<b>HCG</b>	-26	-28

**vi) Mortgage rates plunge, stress test set to ease**

Mortgage rates continue to fall, with fully discounted 5-yr fixed rates now pushing below 2.6%, the lowest since mid-2017 according to RateHub.ca: <https://www.ratehub.ca/5-year-fixed-mortgage-rate-history>

## Historical Discounted 5-year Mortgage Rates

From 2006 - Today



Posted mortgage rates are also declining for the first time since September 2016.

Recall that OSFI's stress test is set at the higher of the contract rate +200bps OR the most common 5-yr posted fixed rate (currently 5.34%).

**Two big banks (Royal and National) have cut their posted rates from 5.34% to 5.19%. If one more big bank follows (and they likely will), the new stress test rate will reset to the new lower rate.**

From Rob McLister at RateSpy:

If that led to the minimum qualifying rate dropping from 5.34% to 5.19%, the median 2+ person family making \$92,700 with 20% down could theoretically afford up to 1.4% more house.

That's not huge, but it is about \$7,600 in additional buying power—using the above example.

#### 4) Loan growth by bank

RY:

			Y/Y						
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages	
Jan-18	-0.03%	-0.28%	2.25%	-1.09%	1.77%	0.81%	9.53%	13.43%	
Feb-18	0.11%	-0.72%	2.63%	-0.46%	5.53%	0.46%	10.09%	13.10%	
Mar-18	0.14%	-1.18%	2.97%	-0.08%	5.43%	-4.77%	14.76%	12.35%	
Apr-18	-0.32%	-0.76%	5.80%	-3.46%	5.41%	-7.23%	15.34%	10.44%	
May-18	-0.65%	-1.47%	6.50%	-3.94%	6.70%	-6.48%	15.03%	11.42%	
Jun-18	-0.13%	-1.62%	8.93%	-3.73%	8.50%	-7.95%	16.50%	13.24%	
Jul-18	0.31%	-1.61%	10.27%	-3.34%	12.93%	-8.27%	15.65%	12.88%	
Aug-18	0.50%	-0.66%	8.49%	-2.88%	13.37%	-7.92%	15.07%	12.99%	
Sep-18	0.86%	-0.20%	7.50%	-1.91%	16.15%	-7.65%	14.11%	12.39%	
Oct-18	1.02%	-0.18%	6.57%	-1.03%	16.38%	-8.15%	13.63%	12.80%	
Nov-18	0.72%	-0.28%	5.80%	-1.26%	17.81%	-7.87%	13.65%	13.41%	
Dec-18	1.04%	-0.30%	6.11%	-0.55%	24.27%	-7.55%	14.07%	15.95%	
Jan-19	0.76%	-0.27%	5.85%	-1.20%	24.33%	-8.55%	14.87%	14.87%	
Feb-19	0.23%	-0.32%	5.13%	-2.13%	19.83%	-8.20%	14.40%	13.19%	
Mar-19	0.66%	-0.32%	5.63%	-1.29%	23.97%	-8.60%	14.90%	13.49%	
Apr-19	1.18%	-1.36%	2.81%	3.00%	20.99%	-7.10%	14.93%	13.93%	

			M/M						
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Feb-18	0.43%	0.33%	0.60%	0.45%	4.29%	-0.87%	1.29%	2.12%	
Mar-18	-0.14%	-0.28%	0.03%	-0.10%	-0.42%	-0.05%	0.47%	1.18%	
Apr-18	0.65%	1.47%	4.43%	-2.52%	3.25%	-2.14%	1.09%	0.71%	
May-18	0.33%	-0.11%	0.72%	0.57%	0.22%	-0.97%	1.47%	0.86%	
Jun-18	0.58%	-0.03%	1.48%	0.68%	2.10%	-0.44%	1.82%	1.67%	
Jul-18	0.20%	-0.28%	0.83%	0.32%	1.23%	-0.91%	1.17%	-0.43%	
Aug-18	-0.18%	-0.31%	-0.98%	0.48%	0.29%	-0.67%	1.59%	1.07%	
Sep-18	0.18%	0.27%	-0.01%	0.21%	3.66%	-0.67%	0.71%	0.79%	
Oct-18	0.20%	0.04%	0.35%	0.27%	1.37%	-0.66%	1.33%	2.13%	
Nov-18	-0.14%	-0.28%	-0.39%	0.18%	3.38%	-0.52%	1.33%	2.62%	
Dec-18	0.24%	-0.10%	0.02%	0.75%	5.02%	-0.43%	1.32%	2.39%	
Jan-19	-1.57%	-0.96%	-1.28%	-2.41%	-2.17%	-0.57%	0.35%	-1.10%	
Feb-19	-0.10%	0.27%	-0.09%	-0.50%	0.52%	-0.49%	0.88%	0.63%	
Mar-19	0.28%	-0.27%	0.50%	0.75%	3.02%	-0.48%	0.91%	1.45%	
Apr-19	1.17%	0.41%	1.63%	1.71%	0.76%	-0.53%	1.12%	1.10%	

TD:

				Y/Y				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	8.45%	11.94%	6.01%	4.97%	10.77%	-10.09%	12.88%	1.42%
Feb-18	8.99%	12.47%	6.94%	5.01%	14.06%	-10.09%	13.44%	3.04%
Mar-18	9.28%	12.55%	7.37%	5.47%	14.38%	-10.05%	13.32%	1.99%
Apr-18	7.92%	12.23%	4.41%	4.21%	11.30%	-10.04%	12.12%	1.35%
May-18	8.32%	12.11%	5.56%	4.58%	10.61%	-9.94%	12.37%	2.84%
Jun-18	9.53%	12.65%	8.01%	5.40%	14.67%	-9.67%	13.94%	5.71%
Jul-18	10.15%	12.93%	8.75%	6.50%	16.96%	-9.39%	14.79%	7.24%
Aug-18	10.17%	13.17%	8.05%	6.95%	17.89%	-9.33%	15.42%	7.07%
Sep-18	9.95%	13.03%	7.35%	7.14%	16.26%	-9.06%	11.25%	7.79%
Oct-18	9.02%	12.65%	5.26%	6.65%	13.87%	-9.30%	10.82%	6.41%
Nov-18	8.36%	12.68%	4.44%	4.97%	11.44%	-9.00%	13.42%	6.50%
Dec-18	9.98%	13.09%	7.14%	7.51%	13.37%	-8.81%	14.71%	9.36%
Jan-19	8.82%	12.18%	5.41%	6.44%	5.89%	-8.42%	14.18%	9.49%
Feb-19	7.45%	10.93%	3.39%	5.63%	6.19%	-8.23%	12.83%	6.29%
Mar-19	7.48%	10.25%	4.06%	6.26%	19.56%	-8.06%	13.03%	8.30%
Apr-19	7.69%	9.51%	5.49%	6.77%	22.31%	-7.73%	13.42%	7.11%

				M/M				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-1.07%	0.20%	-0.31%	-4.37%	2.50%	-0.90%	0.22%	-1.48%
Feb-18	1.25%	1.37%	1.96%	0.11%	2.11%	-0.69%	1.65%	3.66%
Mar-18	0.52%	0.93%	0.35%	-0.08%	1.49%	-0.69%	0.84%	-0.01%
Apr-18	0.75%	1.25%	-0.19%	0.93%	-1.71%	-0.83%	0.61%	1.51%
May-18	1.37%	1.49%	1.17%	1.38%	1.05%	-0.95%	1.21%	0.36%
Jun-18	1.28%	1.67%	1.58%	0.12%	2.47%	-0.72%	1.77%	1.28%
Jul-18	0.79%	1.05%	-0.26%	1.62%	-0.83%	-0.89%	1.23%	-0.99%
Aug-18	0.87%	1.21%	0.91%	0.13%	-0.35%	-0.69%	1.89%	0.76%
Sep-18	0.38%	0.76%	0.10%	-0.03%	-0.03%	-0.77%	0.76%	0.13%
Oct-18	1.06%	1.05%	1.02%	1.11%	1.52%	-0.78%	1.38%	1.19%
Nov-18	0.96%	0.82%	-0.11%	2.60%	1.06%	-0.57%	1.12%	1.28%
Dec-18	1.41%	0.57%	0.73%	3.96%	3.47%	-0.71%	1.13%	1.36%
Jan-19	-2.11%	-0.61%	-1.91%	-5.32%	-4.26%	-0.48%	-0.24%	-1.35%
Feb-19	-0.03%	0.25%	-0.01%	-0.65%	2.40%	-0.49%	0.45%	0.62%
Mar-19	0.55%	0.30%	1.01%	0.51%	14.27%	-0.50%	1.03%	1.89%
Apr-19	0.94%	0.58%	1.18%	1.42%	0.55%	-0.47%	0.95%	0.40%

CM:

				Y/Y				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	6.14%	6.00%	38.69%	2.41%	37.81%	-9.52%	26.63%	-0.57%
Feb-18	6.12%	5.20%	42.06%	2.58%	35.72%	-11.33%	27.41%	-3.77%
Mar-18	6.16%	4.50%	49.19%	2.41%	40.53%	-11.25%	24.87%	-3.43%
Apr-18	6.47%	4.08%	51.54%	2.96%	42.10%	-12.62%	24.18%	-2.25%
May-18	5.54%	2.67%	49.11%	2.49%	42.38%	-12.61%	20.93%	-4.48%
Jun-18	4.61%	1.56%	50.10%	1.40%	11.71%	-12.33%	17.03%	-0.16%
Jul-18	4.14%	0.65%	47.76%	1.41%	12.69%	-12.86%	15.41%	-0.66%
Aug-18	4.58%	0.54%	51.33%	1.90%	12.80%	-12.80%	13.06%	-1.43%
Sep-18	3.98%	0.53%	36.97%	2.07%	13.40%	-12.33%	11.30%	-2.32%
Oct-18	4.57%	0.60%	42.58%	2.38%	12.18%	-13.96%	11.26%	-0.89%
Nov-18	3.97%	-0.14%	35.89%	2.58%	12.93%	-13.71%	10.23%	0.37%
Dec-18	3.88%	0.20%	31.37%	2.67%	19.36%	-13.24%	9.63%	-1.36%
Jan-19	3.21%	-0.66%	52.63%	-1.46%	18.50%	-13.40%	9.44%	-2.69%
Feb-19	2.73%	-0.91%	25.10%	2.08%	16.97%	-13.37%	8.83%	-1.35%
Mar-19	2.48%	-1.27%	22.63%	2.12%	18.92%	-13.10%	8.37%	-1.77%
Apr-19	1.99%	-1.54%	20.56%	1.61%	19.16%	-13.27%	8.24%	-3.38%

				M/M				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-0.69%	0.00%	2.15%	-1.70%	-0.68%	-0.71%	0.37%	0.16%
Feb-18	0.70%	0.33%	3.97%	0.49%	2.46%	-1.05%	0.99%	-2.01%
Mar-18	0.12%	0.06%	4.37%	-0.53%	2.67%	-1.16%	0.95%	0.03%
Apr-18	1.49%	0.60%	4.75%	1.67%	1.69%	-1.08%	0.76%	1.52%
May-18	0.44%	0.21%	1.78%	0.39%	0.64%	-1.33%	1.04%	-1.64%
Jun-18	0.44%	-0.08%	3.18%	0.38%	1.07%	-1.40%	1.10%	1.55%
Jul-18	-0.11%	0.02%	0.82%	-0.40%	0.18%	-1.61%	0.78%	0.38%
Aug-18	0.34%	-0.18%	2.26%	0.41%	0.10%	-1.40%	0.92%	-0.87%
Sep-18	0.28%	0.27%	1.62%	0.04%	1.05%	-1.03%	0.32%	-0.20%
Oct-18	0.60%	0.06%	3.92%	0.40%	2.16%	-1.32%	0.55%	-0.19%
Nov-18	0.22%	-0.78%	-0.21%	1.13%	2.67%	-1.01%	0.84%	2.03%
Dec-18	0.00%	-0.30%	-0.83%	0.41%	3.91%	-1.01%	0.62%	-2.03%
Jan-19	-1.33%	-0.85%	18.67%	-5.66%	-1.40%	-0.90%	0.19%	-1.20%
Feb-19	0.23%	0.07%	-14.78%	4.09%	1.13%	-1.02%	0.43%	-0.66%
Mar-19	-0.13%	-0.30%	2.31%	-0.48%	4.39%	-0.85%	0.51%	-0.40%
Apr-19	1.01%	0.32%	2.98%	1.15%	1.89%	-1.26%	0.63%	-0.14%

**BNS:**

			<b>Y/Y</b>					
	<b>Total consumer loans</b>	<b>HELOCs</b>	<b>Other secured consumer loans</b>	<b>Credit cards and other unsecured</b>	<b>Business loans</b>	<b>Insured mortgages</b>	<b>Uninsured mortgages</b>	<b>Non-residential mortgages</b>
Jan-18	5.42%	5.84%	2.74%	7.47%	1.85%	-7.96%	20.76%	1.61%
Feb-18	5.23%	6.34%	3.07%	6.49%	4.50%	-8.36%	21.41%	-1.20%
Mar-18	5.13%	4.52%	0.58%	9.12%	6.93%	-8.01%	20.36%	-0.62%
Apr-18	4.00%	5.52%	1.77%	5.13%	1.48%	-7.85%	18.66%	-0.30%
May-18	3.66%	5.06%	1.08%	5.17%	3.12%	-7.59%	17.18%	-2.42%
Jun-18	4.59%	4.16%	0.83%	7.98%	3.64%	-8.13%	17.47%	-2.64%
Jul-18	8.74%	7.48%	3.62%	13.52%	9.28%	-8.42%	23.83%	-5.62%
Aug-18	8.31%	7.21%	0.45%	15.64%	12.52%	-8.29%	20.71%	-5.39%
Sep-18	9.41%	7.53%	5.42%	13.45%	15.00%	-8.35%	20.38%	-7.95%
Oct-18	8.07%	7.62%	3.35%	12.16%	11.90%	-8.66%	18.50%	-6.01%
Nov-18	8.58%	7.16%	2.86%	13.97%	14.52%	-8.77%	19.49%	-6.05%
Dec-18	10.06%	8.46%	-0.16%	18.95%	19.77%	-8.99%	21.05%	-2.62%
Jan-19	9.13%	9.82%	-7.34%	21.99%	18.57%	-8.28%	19.86%	-3.15%
Feb-19	7.95%	9.99%	-7.30%	19.06%	13.98%	-7.82%	17.94%	0.36%
Mar-19	8.56%	10.93%	-5.33%	17.98%	13.01%	-8.03%	17.53%	-1.82%
Apr-19	8.99%	9.65%	-7.38%	21.63%	20.59%	-6.85%	17.02%	-1.13%

			<b>M/M</b>					
	<b>Total consumer loans</b>	<b>HELOCs</b>	<b>Other secured consumer loans</b>	<b>Credit cards and other unsecured</b>	<b>Business loans</b>	<b>Insured mortgages</b>	<b>Uninsured mortgages</b>	<b>Non-residential mortgages</b>
Jan-18	0.13%	-0.13%	0.40%	0.03%	-2.38%	-0.82%	1.38%	-0.24%
Feb-18	1.13%	0.48%	0.43%	1.99%	5.30%	-0.98%	2.07%	-2.37%
Mar-18	0.39%	-0.86%	-1.85%	2.73%	2.20%	-0.44%	1.02%	-0.10%
Apr-18	0.18%	2.04%	2.46%	-2.36%	-1.80%	-0.57%	0.68%	0.07%
May-18	0.31%	0.63%	0.63%	-0.10%	1.96%	-0.95%	0.97%	-3.55%
Jun-18	1.13%	1.06%	0.80%	1.43%	-0.03%	-0.75%	1.21%	-1.21%
Jul-18	4.02%	3.43%	0.87%	6.79%	4.40%	-1.16%	7.06%	-2.15%
Aug-18	0.00%	-0.14%	0.40%	-0.23%	0.46%	-0.96%	0.02%	0.40%
Sep-18	1.37%	0.54%	0.49%	2.40%	1.53%	-1.18%	1.05%	-0.39%
Oct-18	-0.79%	0.16%	0.31%	-2.01%	-0.44%	-1.07%	0.75%	0.65%
Nov-18	0.41%	-0.11%	-0.37%	1.22%	3.18%	-0.59%	2.08%	2.19%
Dec-18	1.42%	1.12%	-4.58%	6.01%	4.13%	0.09%	1.13%	4.28%
Jan-19	-0.72%	1.12%	-6.82%	2.59%	-3.36%	-0.04%	0.38%	-0.79%
Feb-19	0.04%	0.64%	0.47%	-0.47%	1.23%	-0.49%	0.43%	1.17%
Mar-19	0.96%	-0.01%	0.25%	1.80%	1.34%	-0.67%	0.68%	-2.26%
Apr-19	0.58%	0.86%	0.24%	0.67%	4.78%	0.71%	0.24%	0.78%

**BMO:**

				<b>Y/Y</b>					
	<b>Total consumer loans</b>	<b>HELOCs</b>	<b>Other secured consumer loans</b>	<b>Credit cards and other unsecured</b>	<b>Business loans</b>	<b>Insured mortgages</b>	<b>Uninsured mortgages</b>	<b>Non-residential mortgages</b>	
Jan-18	-0.49%	1.46%	-7.83%	1.92%	1.29%	-10.36%	20.29%	3.56%	
Feb-18	-0.22%	1.73%	-6.31%	1.11%	4.08%	-10.40%	20.13%	5.42%	
Mar-18	0.37%	1.32%	-4.91%	2.81%	3.24%	-10.20%	19.68%	9.17%	
Apr-18	-0.12%	0.62%	-5.16%	2.48%	1.94%	-11.49%	20.90%	8.47%	
May-18	0.07%	0.73%	-3.68%	1.85%	3.75%	-9.63%	17.67%	10.96%	
Jun-18	1.16%	1.54%	-1.40%	2.42%	6.60%	-9.62%	17.39%	15.95%	
Jul-18	1.46%	1.09%	1.39%	2.17%	7.86%	-9.58%	17.04%	17.44%	
Aug-18	1.62%	1.01%	2.22%	2.28%	11.05%	-9.64%	16.25%	19.00%	
Sep-18	1.71%	1.02%	1.36%	3.26%	12.52%	-8.63%	14.94%	19.01%	
Oct-18	2.15%	0.91%	2.89%	3.91%	12.66%	-9.67%	15.66%	18.67%	
Nov-18	2.37%	0.94%	5.23%	2.86%	15.69%	-9.63%	10.88%	19.87%	
Dec-18	3.27%	1.94%	6.47%	3.35%	20.60%	-9.41%	12.02%	23.35%	
Jan-19	3.43%	1.85%	6.68%	3.93%	19.32%	-9.72%	12.41%	24.45%	
Feb-19	3.12%	1.65%	4.76%	4.59%	16.01%	-9.53%	11.46%	22.81%	
Mar-19	3.42%	2.40%	7.29%	2.44%	17.97%	-9.63%	11.90%	21.51%	
Apr-19	4.44%	2.94%	9.10%	3.74%	20.03%	-6.63%	9.66%	21.93%	

				<b>M/M</b>					
	<b>Total consumer loans</b>	<b>HELOCs</b>	<b>Other secured consumer loans</b>	<b>Credit cards and other unsecured</b>	<b>Business loans</b>	<b>Insured mortgages</b>	<b>Uninsured mortgages</b>	<b>Non-residential mortgages</b>	
Jan-18	-1.32%	-0.77%	-1.17%	-2.42%	-1.84%	-0.36%	-0.40%	-0.42%	
Feb-18	0.74%	0.64%	0.75%	0.94%	5.27%	-0.97%	1.27%	2.68%	
Mar-18	0.14%	-0.35%	0.18%	1.00%	1.41%	-0.92%	0.79%	3.38%	
Apr-18	0.24%	0.06%	-0.08%	0.81%	0.91%	-0.93%	1.11%	1.67%	
May-18	0.59%	0.59%	2.76%	-0.97%	0.85%	-0.69%	0.96%	2.02%	
Jun-18	0.72%	0.54%	-0.74%	2.16%	1.09%	-1.33%	1.77%	3.16%	
Jul-18	-0.13%	0.13%	-0.10%	-0.61%	-0.62%	-1.14%	1.09%	0.18%	
Aug-18	0.44%	0.19%	1.00%	0.46%	1.33%	-1.30%	1.51%	2.74%	
Sep-18	0.04%	0.09%	-0.42%	0.29%	0.67%	-0.04%	0.14%	0.48%	
Oct-18	0.75%	0.43%	2.29%	0.20%	2.11%	-0.69%	1.06%	2.65%	
Nov-18	0.66%	0.06%	1.30%	1.28%	3.93%	-0.67%	1.05%	1.51%	
Dec-18	0.35%	0.32%	0.60%	0.23%	3.97%	-0.80%	1.06%	1.20%	
Jan-19	-1.17%	-0.85%	-0.98%	-1.88%	-2.88%	-0.70%	-0.05%	0.47%	
Feb-19	0.44%	0.45%	-1.07%	1.58%	2.34%	-0.76%	0.41%	1.33%	
Mar-19	0.43%	0.38%	2.59%	-1.08%	3.12%	-1.02%	1.19%	2.29%	
Apr-19	1.23%	0.58%	1.62%	2.09%	2.68%	2.35%	-0.91%	2.02%	

NA:

				Y/Y				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	8.68%	5.78%	7.33%	14.90%	14.27%	-5.73%	20.06%	-3.66%
Feb-18	8.05%	5.89%	8.45%	11.97%	16.88%	-5.81%	20.49%	-5.27%
Mar-18	8.72%	6.03%	94.16%	-21.46%	17.29%	-5.45%	20.07%	-5.78%
Apr-18	7.58%	6.31%	93.80%	-24.58%	15.37%	-5.33%	19.36%	-6.07%
May-18	6.46%	6.52%	88.93%	-26.73%	16.19%	-4.75%	19.12%	-4.57%
Jun-18	5.90%	6.61%	101.94%	-32.74%	16.95%	-4.28%	18.71%	-5.90%
Jul-18	5.65%	6.73%	95.36%	-30.32%	14.79%	-4.64%	18.68%	-4.34%
Aug-18	5.84%	6.96%	95.08%	-29.63%	15.82%	-3.56%	18.25%	-5.58%
Sep-18	6.43%	7.04%	94.45%	-28.10%	15.82%	-3.44%	17.44%	-6.72%
Oct-18	6.64%	7.14%	108.68%	-33.12%	17.24%	-2.79%	16.78%	-8.07%
Nov-18	3.98%	6.84%	77.69%	-30.54%	14.97%	-2.73%	13.95%	-6.87%
Dec-18	3.92%	6.77%	78.11%	-31.03%	17.10%	-2.09%	14.27%	-10.21%
Jan-19	3.21%	6.51%	77.30%	-33.00%	19.06%	-1.99%	14.18%	-11.11%
Feb-19	2.85%	6.25%	75.16%	-33.09%	14.55%	-1.53%	13.75%	-11.14%
Mar-19	1.68%	6.15%	-0.94%	-6.90%	15.01%	-1.49%	13.73%	-12.07%
Apr-19	1.82%	6.02%	-0.66%	-6.42%	13.92%	-1.61%	13.93%	-13.88%

				M/M				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-0.56%	0.12%	-0.48%	-1.79%	-2.40%	-0.47%	0.46%	-0.69%
Feb-18	0.45%	0.54%	0.90%	0.11%	5.49%	-0.54%	1.28%	-1.09%
Mar-18	1.28%	0.43%	76.87%	-28.38%	1.10%	-0.37%	0.97%	0.30%
Apr-18	-0.05%	0.64%	-0.45%	-1.36%	1.71%	-0.28%	0.98%	-0.16%
May-18	0.45%	1.13%	-0.09%	-0.73%	3.25%	0.23%	1.48%	-0.50%
Jun-18	0.55%	0.77%	6.27%	-5.95%	3.68%	0.20%	1.55%	-0.84%
Jul-18	-0.04%	0.70%	-5.28%	4.03%	-2.88%	-0.52%	1.12%	-0.42%
Aug-18	1.16%	0.71%	0.67%	2.90%	2.38%	0.01%	1.25%	-1.16%
Sep-18	0.73%	0.55%	0.33%	1.63%	-0.25%	-0.25%	0.71%	-1.15%
Oct-18	0.50%	0.60%	7.56%	-7.00%	2.45%	-0.05%	1.28%	-1.19%
Nov-18	-0.60%	0.30%	-8.45%	6.20%	0.75%	0.32%	1.24%	-0.42%
Dec-18	-0.01%	0.08%	0.71%	-1.01%	0.93%	-0.38%	1.12%	-3.35%
Jan-19	-1.25%	-0.13%	-0.93%	-4.60%	-0.77%	-0.37%	0.38%	-1.69%
Feb-19	0.10%	0.30%	-0.32%	-0.01%	1.50%	-0.07%	0.90%	-1.13%
Mar-19	0.13%	0.33%	0.03%	-0.35%	1.50%	-0.34%	0.95%	-0.75%
Apr-19	0.09%	0.52%	-0.17%	-0.85%	0.75%	-0.40%	1.16%	-2.22%

CWB:

				Y/Y				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-0.19%	1.85%	-4.55%	NA	22.56%	2.56%	10.03%	1.91%
Feb-18	-0.18%	1.33%	-3.63%	NA	24.41%	3.23%	10.23%	1.51%
Mar-18	-0.62%	0.60%	-3.44%	NA	24.95%	12.20%	11.84%	2.03%
Apr-18	-1.89%	-0.89%	-4.09%	NA	27.02%	6.46%	8.54%	1.73%
May-18	0.29%	3.22%	-6.15%	NA	28.88%	7.28%	8.40%	0.24%
Jun-18	1.71%	3.59%	-2.41%	NA	26.17%	10.81%	9.35%	2.24%
Jul-18	3.98%	7.39%	-3.46%	NA	23.76%	13.37%	10.49%	2.10%
Aug-18	4.37%	7.32%	-2.21%	NA	22.61%	16.51%	9.84%	3.39%
Sep-18	6.39%	9.91%	-1.44%	NA	24.03%	17.78%	8.59%	3.40%
Oct-18	6.85%	9.92%	-0.12%	NA	33.97%	19.17%	1.89%	4.11%
Nov-18	4.98%	13.21%	-13.39%	NA	22.67%	22.84%	7.99%	4.06%
Dec-18	2.29%	9.47%	-13.81%	NA	24.25%	23.48%	7.73%	7.10%
Jan-19	0.32%	6.07%	-12.85%	NA	21.49%	23.80%	8.82%	6.74%
Feb-19	0.50%	5.97%	-12.69%	NA	20.50%	23.94%	9.17%	6.72%
Mar-19	0.98%	6.77%	-12.84%	NA	22.03%	14.46%	7.96%	6.88%
Apr-19	1.02%	7.01%	-12.69%	NA	19.61%	4.38%	9.84%	6.27%

				M/M				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	0.17%	0.78%	-1.21%	NA	3.63%	-0.35%	0.40%	-0.30%
Feb-18	-1.13%	0.42%	-4.69%	NA	1.60%	-0.47%	-0.14%	0.03%
Mar-18	-1.21%	-1.52%	-0.47%	NA	2.08%	7.83%	1.18%	0.19%
Apr-18	0.45%	-0.77%	3.36%	NA	2.44%	9.77%	0.44%	-0.02%
May-18	1.64%	3.25%	-2.04%	NA	2.44%	-0.58%	0.63%	-0.35%
Jun-18	1.83%	0.70%	4.56%	NA	1.13%	2.17%	1.94%	1.17%
Jul-18	1.85%	3.17%	-1.24%	NA	0.50%	1.69%	1.78%	0.38%
Aug-18	0.37%	0.71%	-0.45%	NA	1.16%	0.88%	0.79%	0.97%
Sep-18	0.98%	1.24%	0.35%	NA	1.64%	0.24%	0.01%	0.38%
Oct-18	1.11%	1.38%	0.44%	NA	1.42%	0.41%	1.03%	1.55%
Nov-18	-2.80%	1.36%	-13.22%	NA	1.75%	0.38%	-0.44%	0.65%
Dec-18	-0.87%	-1.52%	1.04%	NA	2.17%	-0.10%	-0.11%	2.26%
Jan-19	-1.77%	-2.35%	-0.11%	NA	1.32%	-0.09%	1.41%	-0.64%
Feb-19	-0.95%	0.33%	-4.52%	NA	0.77%	-0.36%	0.18%	0.01%
Mar-19	-0.74%	-0.77%	-0.63%	NA	3.37%	-0.42%	0.06%	0.34%
Apr-19	0.49%	-0.55%	3.53%	NA	0.41%	0.10%	2.19%	-0.59%

LB:

				Y/Y				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-9.40%	-7.06%	-8.83%	-12.90%	37.10%	-2.16%	24.13%	14.66%
Feb-18	-9.63%	-8.01%	-9.75%	-10.19%	40.68%	-3.88%	22.84%	10.51%
Mar-18	-9.50%	-8.22%	-10.07%	-8.30%	43.56%	-4.34%	19.51%	10.83%
Apr-18	-9.66%	-9.10%	-10.10%	-8.46%	36.79%	-4.58%	16.06%	13.18%
May-18	-9.75%	-9.52%	-9.49%	-10.80%	36.36%	-5.20%	11.80%	12.15%
Jun-18	-10.22%	-10.14%	-9.35%	-13.26%	34.42%	-6.43%	7.34%	7.79%
Jul-18	-10.55%	-10.56%	-9.40%	-14.53%	35.77%	-6.82%	3.18%	8.60%
Aug-18	-10.95%	-10.37%	-9.84%	-15.22%	9.17%	-10.72%	0.79%	7.31%
Sep-18	-11.29%	-10.59%	-10.91%	-13.09%	5.12%	-11.49%	-2.61%	6.34%
Oct-18	-11.34%	-10.71%	-13.50%	-3.76%	2.66%	-11.96%	-6.12%	9.63%
Nov-18	-11.24%	-10.61%	-13.04%	-4.89%	-1.59%	-11.85%	-8.87%	10.40%
Dec-18	-11.27%	-11.15%	-14.52%	0.79%	-2.24%	-11.38%	-10.56%	15.09%
Jan-19	-11.11%	-13.17%	-12.66%	-3.91%	0.43%	-12.24%	-10.13%	13.12%
Feb-19	-11.16%	-12.97%	-11.44%	-9.03%	1.23%	-10.79%	-11.46%	13.15%
Mar-19	-11.50%	-13.35%	-11.28%	-11.15%	-0.30%	-10.12%	-11.75%	13.99%
Apr-19	-12.20%	-13.70%	-11.76%	-12.81%	8.11%	-8.79%	-11.92%	8.72%

				M/M				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-1.17%	-0.74%	-1.05%	-1.90%	-2.72%	0.63%	-1.05%	1.04%
Feb-18	-0.57%	-0.61%	-1.56%	3.18%	2.84%	-1.88%	0.50%	-0.30%
Mar-18	-0.46%	-0.28%	-1.42%	2.85%	3.30%	-0.77%	-0.79%	1.96%
Apr-18	-0.92%	-0.92%	-0.56%	-2.16%	-8.23%	-0.80%	-0.78%	3.93%
May-18	-1.07%	-0.73%	-0.61%	-2.91%	3.95%	-0.78%	-1.29%	-0.20%
Jun-18	-1.38%	-1.38%	-1.13%	-2.26%	1.82%	-1.27%	-1.51%	0.86%
Jul-18	-1.18%	-1.29%	-0.93%	-2.05%	-2.83%	-0.97%	-1.72%	2.04%
Aug-18	-1.19%	-0.76%	-0.96%	-2.30%	0.62%	-4.17%	0.59%	1.72%
Sep-18	-1.12%	-0.90%	-1.36%	-0.35%	-2.28%	-0.79%	-1.34%	-1.82%
Oct-18	-0.95%	-1.44%	-3.01%	6.96%	0.56%	-0.75%	-1.08%	-0.21%
Nov-18	-0.86%	-1.14%	-0.19%	-2.91%	-0.56%	-0.20%	-1.28%	0.84%
Dec-18	-1.03%	-1.57%	-2.77%	5.30%	1.95%	-0.18%	-1.32%	4.44%
Jan-19	-0.99%	-3.00%	1.10%	-6.47%	-0.07%	-0.35%	-0.58%	-0.69%
Feb-19	-0.63%	-0.38%	-0.18%	-2.32%	3.66%	-0.25%	-1.00%	-0.27%
Mar-19	-0.84%	-0.71%	-1.24%	0.46%	1.74%	-0.03%	-1.11%	2.72%
Apr-19	-1.70%	-1.32%	-1.10%	-3.99%	-0.50%	0.68%	-0.97%	-0.88%

HCG:

				Y/Y				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-9.72%	-5.13%	0.39%	-13.59%	NA	-2.99%	-17.80%	-46.61%
Feb-18	-9.48%	-7.05%	-1.54%	-11.64%	NA	-6.99%	-18.73%	-47.39%
Mar-18	-9.99%	-6.92%	-1.15%	-12.69%	NA	4.43%	-20.00%	-45.75%
Apr-18	-11.94%	-9.58%	-1.47%	-14.16%	NA	2.01%	-20.20%	-44.95%
May-18	-11.67%	-8.12%	-4.14%	-14.68%	NA	2.18%	-18.53%	-42.39%
Jun-18	-10.91%	-2.80%	-13.99%	-16.78%	NA	2.55%	-13.04%	-36.52%
Jul-18	-0.82%	-1.49%	-4.09%	-0.10%	NA	6.35%	-8.02%	13.59%
Aug-18	0.97%	3.32%	-3.15%	-0.84%	NA	7.09%	-3.87%	24.94%
Sep-18	0.25%	6.51%	-4.06%	-4.65%	NA	5.86%	0.41%	34.04%
Oct-18	-1.71%	10.48%	-18.66%	-10.49%	NA	6.14%	4.37%	32.10%
Nov-18	-1.85%	12.63%	-7.79%	-12.64%	NA	5.05%	7.88%	32.47%
Dec-18	1.36%	15.80%	-10.10%	-9.64%	NA	-1.66%	9.89%	38.54%
Jan-19	4.35%	16.26%	-8.93%	-5.18%	NA	-1.70%	10.80%	34.70%
Feb-19	3.72%	18.32%	-8.67%	-7.77%	NA	-0.01%	11.36%	32.20%
Mar-19	3.02%	19.03%	-9.31%	-9.92%	NA	-1.71%	12.17%	25.07%
Apr-19	3.00%	18.97%	-10.77%	-9.83%	NA	-3.05%	12.49%	21.55%

				M/M				
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	-3.21%	0.18%	-6.78%	-5.76%	NA	0.28%	0.41%	4.43%
Feb-18	1.04%	-0.54%	-2.12%	2.50%	NA	-2.49%	0.12%	1.61%
Mar-18	0.89%	2.11%	0.25%	-0.09%	NA	1.13%	0.17%	5.80%
Apr-18	0.55%	0.56%	0.05%	0.57%	NA	1.60%	0.28%	3.16%
May-18	0.50%	0.65%	-1.02%	0.43%	NA	-1.79%	0.38%	2.29%
Jun-18	0.50%	2.01%	-0.31%	-0.74%	NA	-0.58%	0.89%	1.79%
Jul-18	0.19%	0.00%	-1.09%	0.41%	NA	3.46%	0.75%	2.02%
Aug-18	1.56%	2.52%	-0.46%	0.80%	NA	0.06%	1.13%	0.59%
Sep-18	0.23%	2.01%	0.75%	-1.34%	NA	0.17%	1.33%	7.29%
Oct-18	-1.80%	1.42%	-2.88%	-4.67%	NA	0.88%	1.48%	-0.76%
Nov-18	0.43%	1.48%	-0.46%	-0.55%	NA	-2.73%	1.68%	0.50%
Dec-18	0.57%	2.40%	3.82%	-1.35%	NA	-1.49%	0.88%	4.63%
Jan-19	-0.36%	0.58%	-5.56%	-1.11%	NA	0.23%	1.24%	1.53%
Feb-19	0.43%	1.22%	-1.84%	-0.30%	NA	-0.81%	0.62%	-0.28%
Mar-19	0.21%	2.73%	-0.45%	-2.41%	NA	-0.59%	0.91%	0.10%
Apr-19	0.54%	0.51%	-1.56%	0.66%	NA	0.22%	0.56%	0.25%

## EQB:

	Y/Y							
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	38.60%	38.60%	NA	NA	-12.56%	4.02%	11.22%	4.51%
Feb-18	40.50%	40.50%	NA	NA	-12.77%	5.71%	12.18%	3.73%
Mar-18	37.00%	37.00%	NA	NA	-12.87%	7.65%	11.72%	-4.42%
Apr-18	35.26%	35.26%	NA	NA	-12.95%	7.72%	12.32%	1.61%
May-18	33.74%	33.74%	NA	NA	-13.06%	-1.87%	24.81%	0.78%
Jun-18	32.55%	32.55%	NA	NA	-11.49%	0.52%	25.98%	6.00%
Jul-18	33.39%	33.39%	NA	NA	-10.96%	1.56%	24.57%	12.59%
Aug-18	29.56%	29.56%	NA	NA	-11.93%	4.18%	23.22%	21.25%
Sep-18	25.50%	25.50%	NA	NA	-0.60%	6.32%	22.14%	25.97%
Oct-18	24.76%	24.76%	NA	NA	-4.27%	11.34%	23.61%	25.56%
Nov-18	23.12%	23.12%	NA	NA	13.54%	15.88%	23.38%	23.35%
Dec-18	21.03%	21.03%	NA	NA	35.53%	19.47%	24.07%	22.24%
Jan-19	22.26%	22.26%	NA	NA	39.02%	19.43%	24.21%	26.90%
Feb-19	17.44%	17.44%	NA	NA	44.57%	19.27%	24.16%	25.61%
Mar-19	17.59%	17.59%	NA	NA	44.91%	22.40%	22.25%	17.90%
Apr-19	20.39%	20.39%	NA	NA	36.15%	23.80%	21.26%	9.15%

	M/M							
	Total consumer loans	HELOCs	Other secured consumer loans	Credit cards and other unsecured	Business loans	Insured mortgages	Uninsured mortgages	Non-residential mortgages
Jan-18	0.49%	0.49%	NA	NA	-0.97%	0.46%	1.25%	-3.41%
Feb-18	2.96%	2.96%	NA	NA	-0.71%	0.80%	1.92%	0.04%
Mar-18	1.71%	1.71%	NA	NA	-0.59%	-1.91%	1.70%	3.11%
Apr-18	1.19%	1.19%	NA	NA	-0.57%	0.18%	1.90%	5.76%
May-18	1.63%	1.63%	NA	NA	-0.61%	1.05%	1.99%	-1.70%
Jun-18	0.82%	0.82%	NA	NA	1.30%	0.70%	1.39%	2.17%
Jul-18	3.18%	3.18%	NA	NA	-3.38%	1.69%	2.23%	3.46%
Aug-18	1.36%	1.36%	NA	NA	-0.74%	2.15%	2.47%	2.79%
Sep-18	2.67%	2.67%	NA	NA	14.57%	0.05%	1.70%	5.21%
Oct-18	1.35%	1.35%	NA	NA	-2.92%	4.79%	2.60%	2.57%
Nov-18	1.08%	1.08%	NA	NA	14.27%	6.36%	1.07%	-0.57%
Dec-18	0.84%	0.84%	NA	NA	13.64%	1.87%	1.56%	1.22%
Jan-19	1.52%	1.52%	NA	NA	1.58%	0.43%	1.36%	0.27%
Feb-19	-1.10%	-1.10%	NA	NA	3.25%	0.66%	1.88%	-0.97%
Mar-19	1.84%	1.84%	NA	NA	-0.36%	0.67%	0.14%	-3.23%
Apr-19	3.60%	3.60%	NA	NA	-6.57%	1.33%	1.07%	-2.08%

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Regards,

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