

2017 Q1 China's banking sector: Performance of listed banks and hot topics

June 2017



INTRODUCTION

China's banking sector: Performance of listed banks and hot topics is a quarterly publication from KPMG China that examines the important topics and key performance indicators of China's banking industry. It provides an in-depth analysis of the topical issues to help readers understand their potential impact and the future direction of the industry. The report also reviews the financial performances of China's listed banks.

This issue focuses on the rapidly evolving Anti Money Laundering (AML) regulatory landscape, implementation of the new standards for financial instruments, and the potential impact the Ministry of Finance and the State Administration of Taxation's Circular 140 could have on the banking industry. We hope our discussion on these hot topics, as well as research on the financial position of China's listed banks for the first quarter of 2017, will help readers gain a better understanding of the banking industry.

For more information, please contact any of the KPMG China professionals listed in the 'Contact us' section.





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Analysis of 2017 Q1 financial data of listed banks

Banking sector overview

The first quarter of 2017 was more or less a continuation of the second half of 2016 in terms of growth for the Chinese economy, maintaining a positive trajectory albeit at a slower pace. In 2017 Q1, the amount of interest-bearing assets of the 'Big Five' state-owned banks (Agricultural Bank of China, Bank of China, Bank of Communications, China Construction Bank, and Industrial and Commercial Bank of China) rose steadily, while joint-stock banks and city commercial banks experienced a significant slowdown. The focus of listed banks were on asset allocation and risk control optimisation as they are increasingly looking for a balance between capital, risk and income, which increases the importance of non-credit assets. Driven by the authorities' efforts to deleverage the financial sector, increased supervision of non standard products, and a correction in the domestic bond market, the amount of interbank assets held by listed banks declined in 2017 Q1 although the size of their total investment increased. (This observation was based on the financial data of 28 listed banks.)

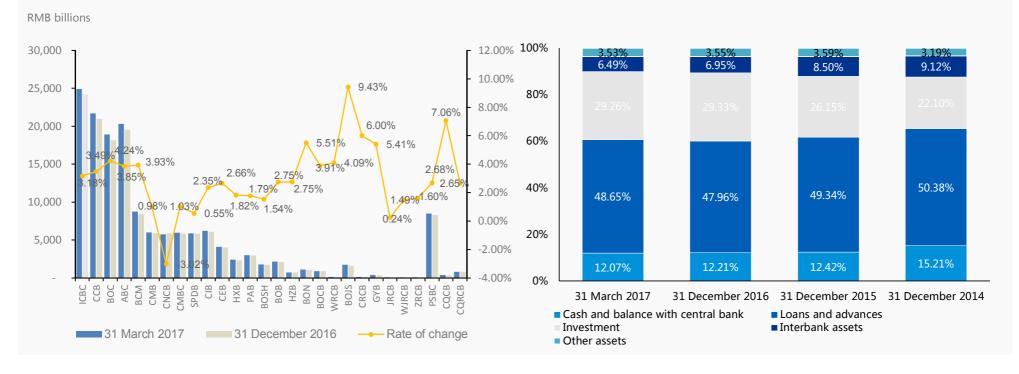
The People's Bank of China (PBOC) maintained its prudent monetary policies in 2017 Q1 as it seeks to support the restructuring of the Chinese economy. The aggregate financing to the real economy increased by 4.39 percent in 2017 Q1. In respect of credit risk control, the asset quality and capital adequacy ratios of listed banks improved, while non-performing loan (NPL) ratios declined slightly compared to the previous quarter.

The domestic banking industry is developing rapidly across a variety of sectors. Banks are focusing on developing their asset liability management business, while bonds and interbank deposits issuance as well as the securitisation business are also continuing to grow.





Banking assets — Size and composition



In 2017 Q1, bank assets continued to grow steadily although it was noticeably slower compared to the same period of time last year. Fluctuations in interbank assets was the main reason for the change. CNCB, for example, recorded a 3.02 percent drop in total assets over the previous quarter as a result of a 40.79 percent decline in interbank assets.

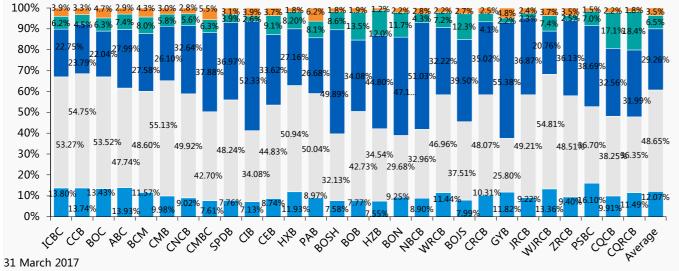
BOJS experienced the largest increase in total assets among the listed banks with a 9.43 percent surge as a result of a jump in its interbank assets. Other big movers include CQCB, CRCB and BON with their total assets increasing by 7.06 percent, 6 percent and 5.51 percent respectively.

The asset composition of listed banks experienced a slight change compared to the previous quarter. The proportion of loans and advances increased by 69 bps, while the proportion of interbank assets decreased by 46 bps.

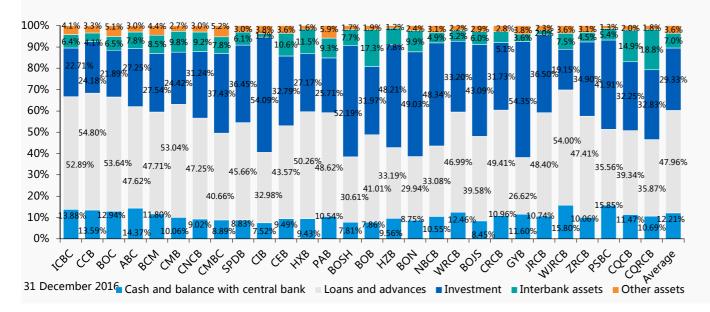
Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research



Banking assets - Breakdown of listed banks



Cash and balance with central bank
 Loans and advances
 Investment
 Interbank assets
 Other assets



Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research

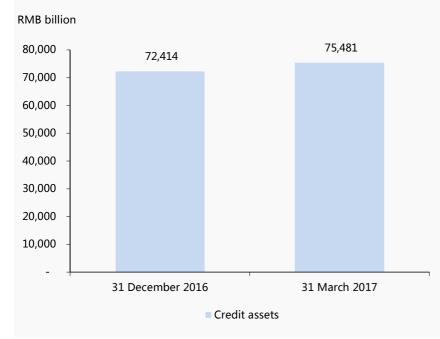
Compared to the previous quarter, the average proportion of loans and advances increased for 19 listed banks. CNCB recorded the highest growth (267 bps), whereas BOJS experienced the largest decline (207 bps).

The average proportion of investment for 18 listed banks also went up in 2017 Q1. CRCB recorded the biggest jump (329 bps), while BOJS was at the other end of the spectrum with a 359 bps decline.

On the other hand, the average proportion of interbank assets for 18 listed banks declined with the sharpest drop recorded by CMB at 395 bps. The same indicator grew for 10 banks with the highest increase coming from BOJS (626 bps).

Banking assets - Credit assets

Size of credit assets of listed banks



Only 26 listed banks disclosed the size of their credit assets for 2017 Q1. The credit assets of those 26 banks stood at a combined RMB 75.48 trillion, which was a 4.24 percent increase over the previous guarter.

The 2017 Q1 Financial Statistics Report from the PBOC indicated that corporate demand for medium and long term loans are picking up in conjunction with the financing needs of the real economy. The report added that the credit structure of banks are starting to become more balanced.

Size of credit assets of listed banks



On the back of this, listed banks are enlarging the scale of their loan business, while at the same time, optimising their asset structure and enhancing risk controls.

Joint-stock banks and city commercial banks, on average, recorded higher levels of credit asset growth. Credit asset growth was especially apparent for HZB, BOSH, SPDB and CMBC.

Note : BOB and WJRCB did not disclose the scale of asset before deducting the loan impairment.

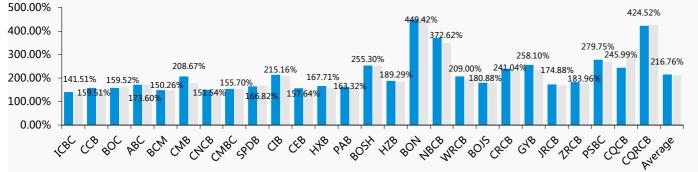
Sources: The banks' 2016 annual reports and 2017 Q1 reports; 2017 Q1 Financial Statistics Report from the People's Bank of China; KPMG China research



Banking assets - Credit asset quality



Allowance to NPL ratio



Allowance to total loan ratio

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Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research

At the end of 2017 Q1, the average NPL ratio of the 26 listed banks was 1.52 percent, which was roughly the same as the previous quarter.

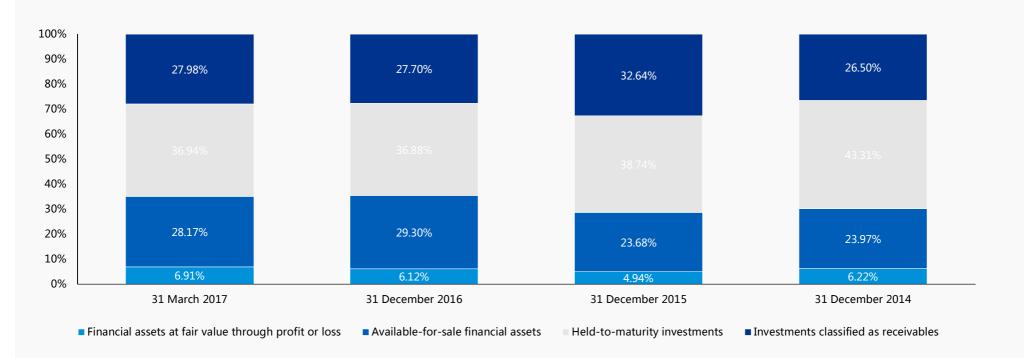
Among them, 15 banks had NPL ratios in excess of 1.5 percent with JRCB the highest in the list at 2.41 percent. PSBC recorded the lowest NPL ratio among its peers, coming in at 0.85 percent.

The average allowance to NPL ratio of the 26 listed banks ended 2017 Q1 at 216.76 percent, a quarter-on-quarter rise of 304 bps. The allowance to NPL ratios for 18 listed banks increased. BON had the highest allowance to NPL ratio at 449.42 percent, while ICBC was the lowest at 141.51 percent.

On the other hand, the allowance to total loan ratios of the 26 listed banks were between 2.25 percent and 4.21 percent at the end of 2017 Q1. Their average of 3.07 percent was 5 bps higher than the previous quarter. JRCB had the highest allowance to total loan ratio among the banks at 4.21 percent, while ICBC was the lowest at 2.25 percent.

Note : BOB and WJRCB did not disclose the relevant data.

Banking assets - Investment breakdown

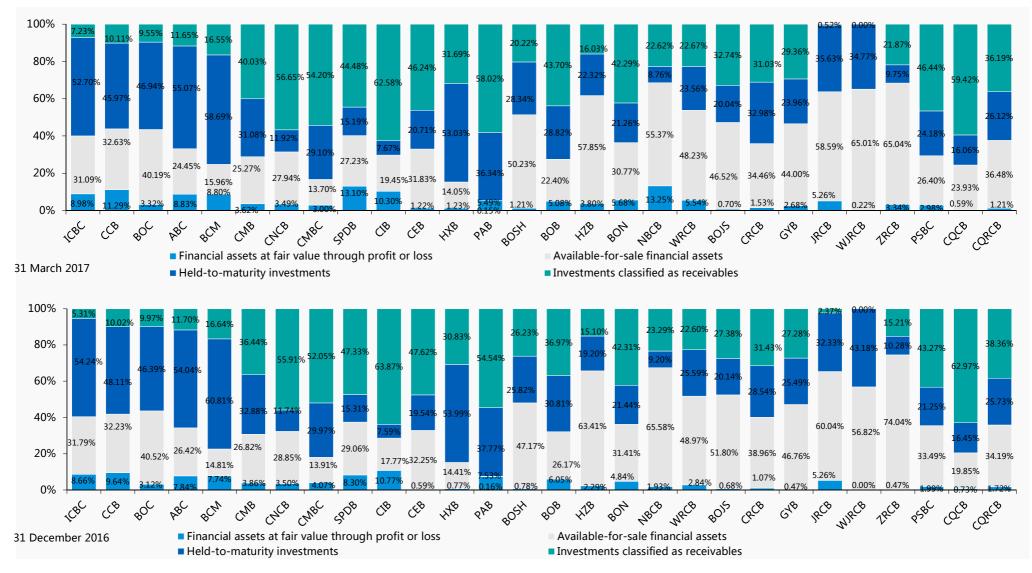


As previously mentioned, the weighting of investment in the overall asset composition of listed banks declined slightly in 2017 Q1 to 29.26 percent, down 7 bps from the previous quarter.

Within that, held-to-maturity investments accounted for the largest portion with a share of 36.94 percent, while available-for-sale financial assets was second at 28.17 percent. Investments classified as receivables was a close third at 27.98 percent, while financial assets at fair value through profit and loss was the smallest at 6.91 percent.

Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research





Banking assets - Investment breakdown (continued)

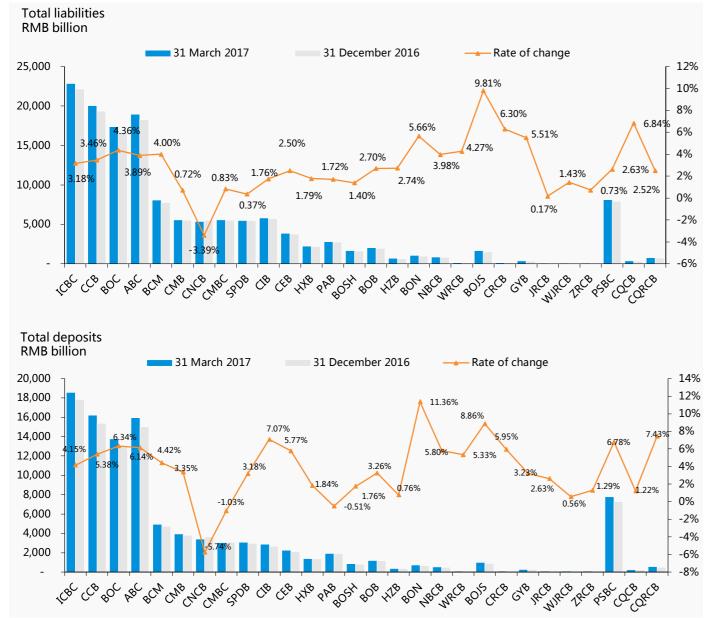
At the end of 2017 Q1, the 'Big Five' state-owned banks held a higher percentage of held-to-maturity investments, while commercial banks held a higher percentage of available-for-sale financial assets and investments classified as receivables.

Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research



Total liabilities

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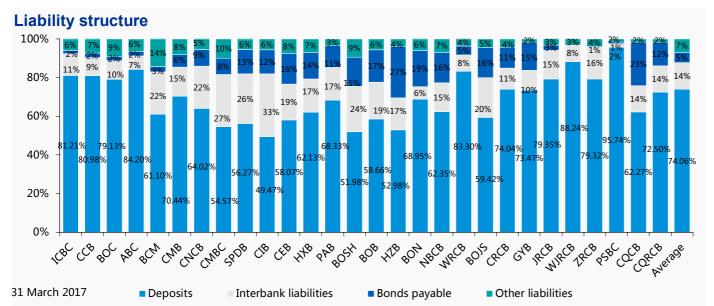


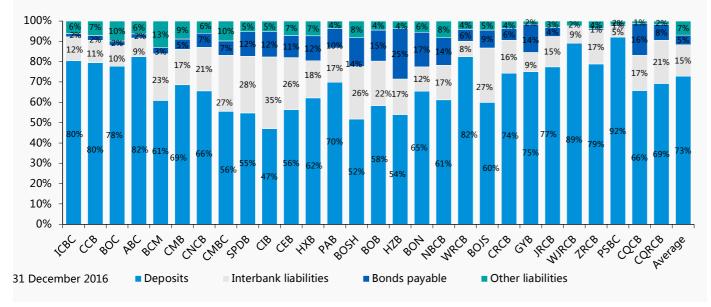
Total liabilities of listed banks increased by 2.85 percent in 2017 Q1 from RMB 142.22 trillion at 2016 year end, similar to the growth of total assets. Growth in liabilities was mainly driven by an increase in total deposits and bonds payable.

Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research

As mentioned, the total deposits of listed banks grew in 2017 Q1 to RMB 105.32 trillion, up 4.60 percent from 2016 Q4. The total deposits of 25 banks increased, while just three banks recorded a drop. BON recorded the highest surge in deposits (11.36 percent), followed by BOJS at 8.86 percent. At the other end of the spectrum, CNCB saw its total deposits went down by 5.74 percent, while CMBC and PAB also recorded declines of 1.03 percent and 0.51 percent, respectively.

Liabilities - Breakdown of listed banks





In 2017 Q1, deposits formed the largest component of the liabilities of listed banks. Deposits took up more than 50 percent of all listed banks' liabilities with the exception of CIB.

Deposits in the 'Big Four' state-owned banks, together with PSBC, made up a higher proportion of their liabilities compared to the rest of the industry with an average of 82.74 percent. Joint-stock banks and city commercial banks recorded averages of 59.68 percent and 61.52 percent, respectively. This discrepancy reflects the advantages state-owned banks possess in attracting customers.

Joint-stock banks and city commercial banks held a higher proportion of interbank liabilities than state-owned banks. CIB had the highest proportion of interbank liabilities among its listed peers at 32.53 percent.

There were generally no big changes in the liability structures of listed banks in 2017 Q1 compared to 2016 Q4. There was, however, an intense competition for funding on the back of interest rate liberalisation and the emergence of various Fintech startups.

In response, listed banks have continued to optimise their liability structures, increase efforts to boost deposits and expand their fundraising channels in order to develop their liability management businesses.

Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research



Risk management — Capital adequacy ratio and tier 1 capital adequacy ratio

Capital adequacy ratio



In 2017 Q1, the average capital adequacy ratio of the 26 listed banks that disclosed the data was 12.77 percent, a 5 bps increase over the previous quarter.

Among the 26 banks, 12 witnessed a decrease in their capital adequacy ratios. WRCB recorded the largest drop in capital adequacy ratio with a 82 bps decline as a result of its business expansion plans, which led to an increase in risk assets.

Tier 1 capital adequacy ratio



The average tier 1 capital adequacy ratio of the 26 listed banks was 10.56 percent, a marginal 2 bps decline compared with 2016 Q4.

Note: BOB and WJRCB did not disclose relevant data.

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Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research

Profitability — Analysis

All but one of the 28 listed banks (JRCB) recorded an increase in their net profit attributable to equity holders of the parent company with growth rates ranging from 0.06 percent to 19.53 percent. The 13 regional urban commercial banks and PSBC enjoyed the highest growth rate with a weighted average of 9.75 percent, while the 8 joint stock commercial banks were second with a weighted average of 4.68 percent. The 'Big Five' state-owned banks grew at 1.67 percent.

The operating income of listed banks in Q1 2017 grew marginally once the effects of the VAT reforms had been taken into account. This was down to the continued increase in interest-bearing assets, which led to an improvement in interest income. The development of intermediary services also helped spur the growth of non-interest income.

A stark increase in interbank funding costs since the second half of 2016 meant there was a noticeable decrease in net interest margin in Q1 2017. On the other hand, volatility in the domestic bond and FX markets also led to a drop in investment income in 2017 Q1 over the same period last year.

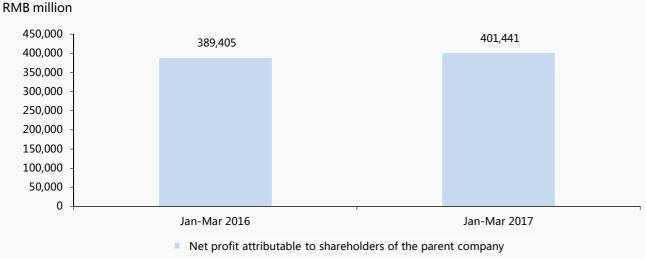
The loss impairment of listed banks rose rapidly in 2017 Q1 due to the expansion of loans and the increase in provision rates. However, this was partly offset by a decline in operating costs as a result of the VAT reforms.



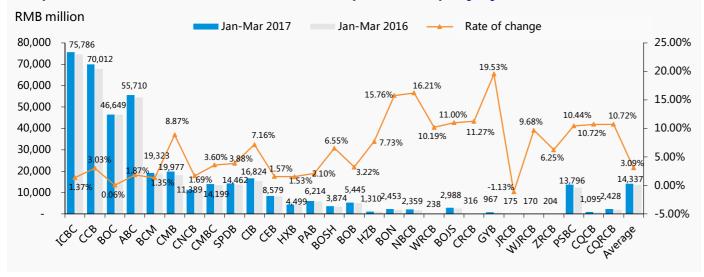


Profitability - Net profit attributable to shareholders of the parent company

Net profit attributable to shareholders of the parent company of listed banks



Net profit attributable to shareholders of the parent company by listed banks



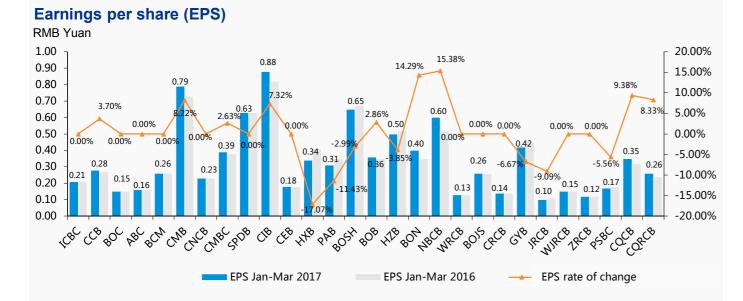
Net profit attributable to parent company shareholders increased in 2017 Q1 by 3.09 percent. Some 9 listed banks have achieved double-digit growth in net profit attributable to parent company shareholders.

GYB enjoyed a 19.53 percent jump in attributable net profit, while NBCB experienced a 16.21 percent increase. The stellar performances by GYB, NBCB and other joint-stock commercial banks were mainly driven by an increase in net interest income.

Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research

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Profitability - Key performance indicators



Return on weighted average equity (ROE)



In the first quarter of 2017, the earnings per share (EPS) of 9 listed banks increased year on year. The EPS of 12 listed banks were flat, while 7 listed banks recorded a drop. NBCB was the best performer in 2017 Q1 with a year on year EPS increase of RMB 0.08, which translates to a 15.38 percent jump.

Meanwhile, HXB recorded the biggest decline in EPS. Its EPS drop by RMB 0.07, which translates to a 17.07 percent decline.

When it comes to return on equity (ROE), the annualised weighted average ROE of listed bank experienced a year on year drop of 141 bps.

HXB and PAB saw the largest declines with their ROE falling by 388 bps and 324 bps, respectively. Only BON, NBCB and CQRCB experienced an increase in ROE, with increases of 92 bps, 80 bps and 29 bps, respectively.

Sources: The banks' 2017 Q1 report; KPMG China research

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Profitability - Key performance indicators (continued)

Net asset value per share

RMB Yuan



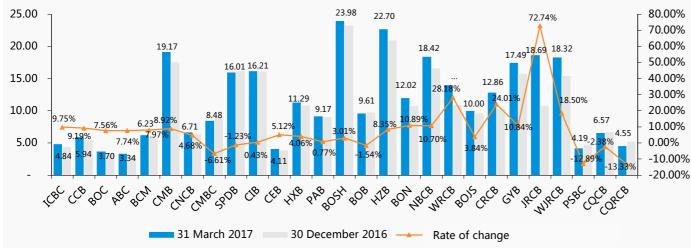
Net asset value (NAV) per share went up across the entire listed bank space. BOSH had the highest NAD per share in 2017 Q1 at RMB 19.96, which was a 3.53 percent increase over the pervious quarter. ABC had the lowest NAV per share of Rmb3.95, which was still 3.67 percent higher than 2016 Q4.

Driven by the momentum created by new bank stocks in the A-share market in 2016, the share prices of 21 out of 27 listed banks went up in 2017 Q1. ZRCB was not listed as of December 30, 2016.

JRCB was the best performer by ending the quarter at RMB 18.69 per share, which was a 72.74 percent spike over 2016 Q4. In addition, the share prices of WRCB and CRCB increased by over 20 percent. The share prices of SPDB, BOB, CMBC, PSBC, CQCB, CQRCB went down.

Share price

RMB Yuan

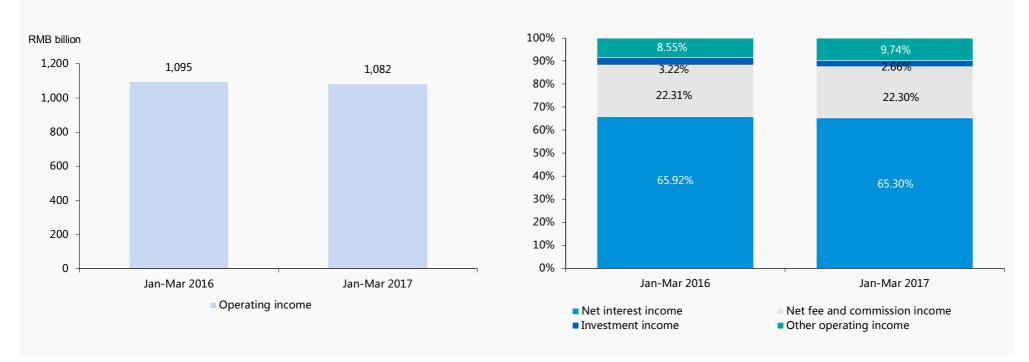


Note: ZRCB was not listed as at 30 December 2016.

Sources: The banks' 2017 Q1 reports; KPMG China research

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Profitability — Operating income and income composition



In the first quarter of 2017, the total operating income of listed banks experienced a year on year decrease of 1.23 percent. This was attributable to a decline in net interest income as well as net fee and commission income as a result of the VAT reforms. After neglecting the effect of taxes and surcharges, operating income growth was comparable to 2016 Q1.

The following is a breakdown of 2017 Q1 operating income:

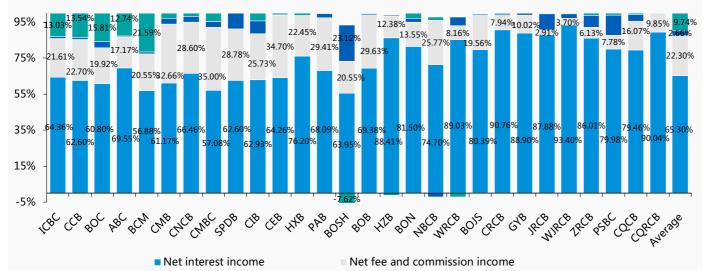
- Net interest income accounted for 65.30 percent of total operating income, a 62 bps decline year on year.
- Net fee and commission income accounted for 22.30 percent of total operating income.
- Investment income accounted for 2.66 percent, down 56 bps.
- Other operating income accounted for 9.74 percent, up 119 bps. This section consists mainly of gains from changes in fair value, FX and other operating income.

Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research



Profitability — Operating income and income composition (continued)

Structure of operating income



In the first quarter of 2017, net interest income among listed banks accounted for 65.30 percent of operating income, while net fee and commission income and investment income accounted for 22.30 percent and 2.66 percent, respectively.

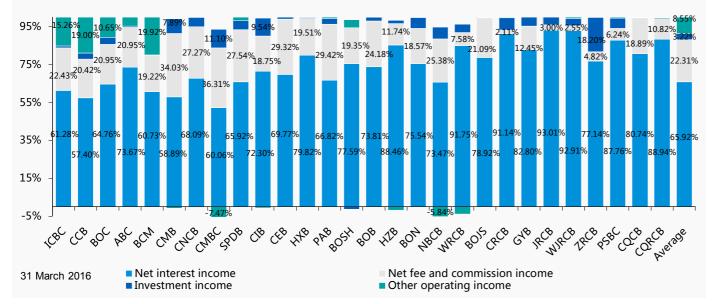
Both commission income and investment income were more or less flat compared to 2016 Q1.

However, the share of investment income within total operating income decreased by 56 bps, while the share of other operating income increased by 119 bps YoY.

Compared to 2016 Q1, the average share of net interest income within operational income fell as a result of the VAT reforms and narrowing of interest margins. Listed banks are proactively adjusting their income structures and reducing their reliance on interest income against this backdrop of tightening net interest margins.

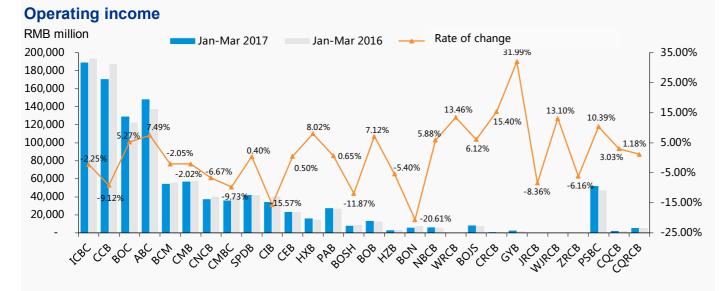


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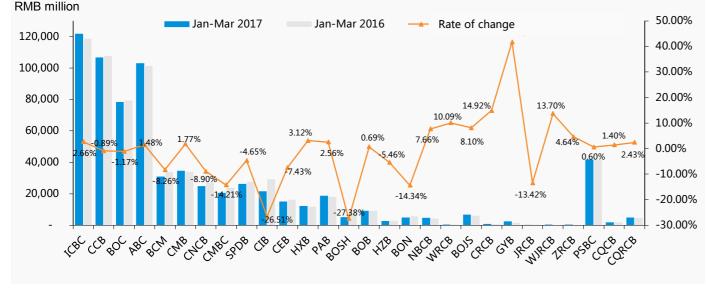
Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research

Profitability — Operating income and income structure analysis



Net interest income

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In 2017 Q1, 16 listed banks recorded year on year increases in operating income. Top of the list were GYB and CRCB, which registered operating income spikes of 31.99 percent and 15.40 percent, respectively.

Some 12 listed banks saw their operating income fell year on year. BON and CIB experienced the biggest drop with declines of 20.61 percent and 15.57 percent, respectively.

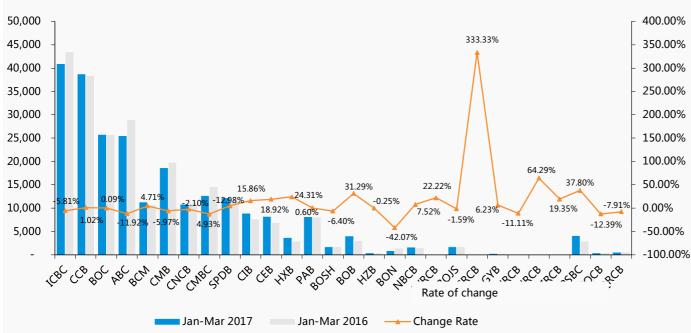
Similar to operating income, 16 listed banks recorded an increase in net interest income in 2017 Q1. Once again, GYB and CRCB posted the highest growth with increases of 41.71 percent and 14.92 percent, respectively.

At the other end of the spectrum, BOSH and CIB posted the largest drop in net interest income with declines of 7.38 percent and 26.51 percent, respectively.

Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research

Profitability — Operating income and income structure analysis (continued)

Net fee and commission income RMB million



In 2017 Q1, 12 listed banks experienced year on year drops in net commission income. This was the result of stricter monitoring policies and the emergence of newer financial services and business models. On the back of a slowdown in traditional banking businesses, listed banks are proactively adjusting their income structures, promoting financial innovation, diversifying profitmaking sources and reducing their reliance on traditional businesses. Many banks, for example, are increasing their investments in investment banking, bank card, custodian services, gold leasing, and other intermediary businesses.

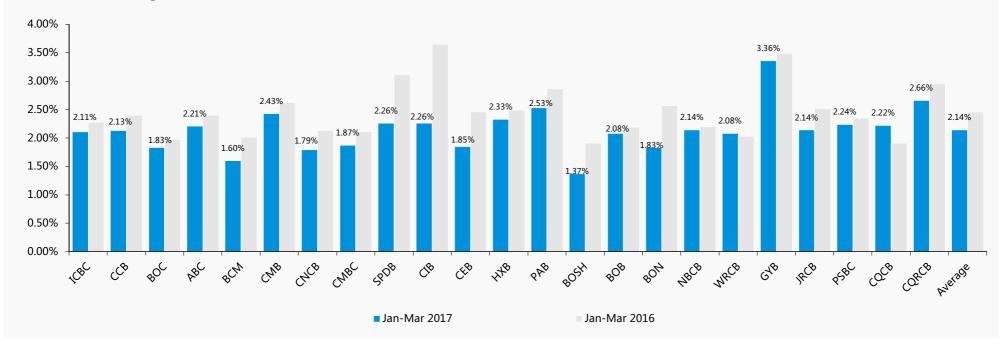
CRCB recorded the highest rise in net commission income with a 333.33 percent increase driven mainly by a spike in investment banking fees and its asset management business. WKRCB and PSBC were the other two banks to have experienced significant improvements in net commission incomes with increases of 64.29 percent and 37.8 percent, respectively.

Sources: The banks' 2016 annual reports and 2017 Q1 reports; KPMG China research



Profitability -- Net interest margin

Net interest margin



In the first quarter of 2017, the average net interest margin of 23 listed banks was 2.14 percent, down 32 bps over the same period in 2016. Five listed banks did not disclose their relevant data. The *Overview of Financial Market* published by the PBOC revealed that market rates have been increasing in an accelerating pace since the end of 2016 Q4 with a noticeable increase in the interest rates of managed liabilities within the banking sector.

Unsurprisingly, net profit margins were also under pressure as credit asset prices lagged behind the increasing market interest rates. Among the 23 listed banks, which disclosed the relevant data, CIB saw its net interest margin declined the most with a drop of 139 bps.

Note: HZB, BOJS, CRCB, WJRCB and ZRCB did not disclose the relevant data.

Source: The banks' 2016 annual reports and 2017 Q1 reports; Overview of Financial Market by People's Bank of China; KPMG China research





China Banking Sector: Hot topics

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Hot topic 1

The rapidly evolving Anti-Money Laundering (AML) regulatory landscape



Financial institutions are on the front line of a rapidly changing regulatory environment. While AML has always been a top regulatory concern, it is quickly becoming a key political and business agenda internationally.

The United States' main AML law, for example, came into effect nearly half a century ago and the political climate surrounding AML changed dramatically in the aftermath of the 9/11 terrorist attacks. In 2012, when a Senate Subcommittee held hearings to investigate a global financial institution's AML compliance issues, it levelled harsh criticism at the regulator's degree of supervision. This has had a profound impact on the regulatory landscape as AML regulators in the US have since stepped up their supervision and enforcement efforts.

With AML regulators worldwide ramping up their degree of supervision, financial institutions are under growing pressure to develop and implement a robust and effective AML compliance programme that are consistent with best market practices and local regulatory requirements.

Currently, three issues are having a significant impact on AML developments among Chinese financial institutions: the implementation of the PBOC's No.3 decree, the Financial Action Task Force (FATF) mutual evaluation, and overseas regulatory developments.





Effective implementation of the PBOC's No. 3 Decree

Promulgated by the PBOC on December 28, 2016, the No. 3 Decree is an important milestone in China's AML regulatory development. A highlight of the No. 3 Decree is a set of requirements pertaining the reporting of suspicious transactions. The Decree repealed the previous prescriptive transaction monitoring parameters and thresholds, which were universally applied to all financial institutions in 2007. Instead, the No. 3 Decree requires every financial institution to develop their own transaction monitoring rules and implement them by July 1, 2017. In addition, all financial institutions will need to:

- Conduct periodic reviews over the effectiveness of their transaction monitoring rules
- Perform detailed analysis of alerts
- Keep detailed records of the decision-making process during an alert review such as the rationale behind why an alert was cleared or why further investigation was initiated

The Decree also mandates that a suspicious transaction report (STR) is filed when the financial institution knows or has reasons to suspect that their client, client's funds or assets, or transactions conducted or attempted by their client may involve potential money laundering or terrorism financing related criminal activity, regardless of the amount involved.





Effective implementation of the PBOC's No. 3 Decree (continued)

In order to ensure the quality of the alerts, financial institutions will need to develop an effective set of transaction monitoring rules, while taking into account their money laundering risk profile (i.e., products, services, customers, transactions, and geographic locations) and risk appetite. This can be a challenge for the following reasons:

- Excessive low quality alerts will cause financial institutions to invest unnecessary human and capital resources through the hiring of more compliance staff to analyse the alerts. It could also lead to relationship managers having to spend more time on gathering information to explain a customer's transactional behavior, which may adversely affect a customer's experience. On the other hand, if a financial institution's aim is to have least number of alerts in a bid to save compliance costs, it defeats the purpose of developing the transaction monitoring rules in the first place.
- Substantial amount of testing and analysis required for the establishment and fine tuning of transaction monitoring rules. The review of parameters, thresholds, and algorithms could require going through vast amounts of historical data.
- The effectiveness of transaction monitoring relies on and is influenced by various components of the AML compliance program. This includes: the adequacy of institutional risk assessment, robustness of the Know-Your-Customer (KYC) process, the sophistication of the transaction monitoring system and KYC system. In addition, data flows and the interplay between upstream and downstream systems, detailed alert management and analysis procedures, STR decision-making and reporting process, continuing activity and post-STR filing actions, and the experience and competency of compliance personnel are all important elements



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) FATF mutual evaluation will accelerate the improvement of AML regulatory measures

The FATF is conducting its fourth round of mutual evaluation of its member countries' AML regimes. FATF is an intergovernmental agency that sets global AML standards. The FATF mutual evaluation is an independent assessment of a country's AML system.

While China received a positive outcome from the previous round of FATF mutual evaluation, the upcoming assessment contains a few additional areas of focus, including the Designated Non-Financial Businesses or Professions (DNFBPs), cross-border activities, and the effectiveness of the implementation of AML measures such as its practicality in the real world.

Our analysis of other jurisdictions' FATF mutual evaluation reports or preparation showed that regulation formulation and enforcement measures tend to move swiftly towards global best practices before or after the mutual evaluation.

- Regulation formulation: enhanced application of the 'risk-based' principles, and more regulatory guidance were rolled out to align with international standards
- Enforcement measures: supervisory efforts were stepped up to increase the level of scrutiny and enforcement actions for non-compliance (e.g., cease and desist order, fines, and prosecutions); and the supervisory and enforcement powers of the regulator were increased

China is scheduled to undergo its FATF mutual evaluation in 2018. As a result, we anticipate the pace of China's AML regulatory development will begin to pick up with more regulatory guidance, stricter supervision, and stronger enforcement.





3

Overseas regulatory environment

Chinese foreign institutions operating overseas also need to adhere to local AML requirements, which can be different to the requirements in China. The challenge is particularly great in relation to complying with US and UK requirements where financial institutions face potentially severe enforcement actions if they do not comply with local regulations.

In addition, foreign regulators are raising the bar for individual accountability. For example, a UK law requiring annual compliance certification from a designated 'senior manager' became effective in March 2016 and the Department of Financial Services (DFS) in New York implemented AML regulations in January 2017 that requires annual compliance certification from the Board of Directors or senior management. The increased focus to hold senior leadership accountable for AML compliance will impact how the head office oversees its overseas branches.





) How can financial institutions respond proactively to regulatory changes?

Both China's AML regulatory beliefs and measures are developing in line with international standards and practices. Financial institutions should therefore keep pace with and anticipate any regulatory changes in order to strategically develop an effective and sustainable AML compliance program that is consistent with international standards.

Those that act now and are proactively preparing for the inevitable changes to the AML regulatory landscape will reap the most benefits in the future. The following recommendations are meant to help financial institutions to utilise their resources in the most efficient manner whether they are developing their transaction monitoring rules, undergoing relevant system upgrades, or enhancing internal controls based on the newly issued guidelines.

- Conduct an institutional risk assessment covering all business lines, products, services, customers, transactions and geographic locations of the institution. The assessment should also seek to understand an institutions' inherent risks, existing internal controls and mitigating measures, and subsequent residual risks.
- Develop or enhance the AML compliance program (including transaction monitoring rules) and relevant systems based on the results of the above risk assessment.
- Conduct a gap analysis, benchmark the institution's existing AML compliance program against the relevant Chinese laws and regulations, international standards, and best market practices. Enhance the AML compliance program based on the gap analysis findings and recommendations.
- Build an AML compliance Target Operating Model or roadmap, which takes into account future business developments. Adopt
 a phased approach to deploy and improve the institution's AML compliance program.
- Provide AML training to relevant personnel at all levels; including the Board of Directors, senior management, compliance, internal audit, frontline business units and operations division. In addition, increase efforts to improve their understanding of the importance of AML compliance, knowledge of regulations and internal procedures, and relevant experience.





Hot topic 2

Implementation of the new standards for financial instruments

Hot topic 2: Implementation of the new standards for financial instruments

Background



International Accounting Standards Board (IASB)

The IASB signed the **Norwalk Agreement** with the Financial Accounting Standards Board (FASB) to launch a revised set of accounting treatments for financial instruments and a number of other amendments.

2002

2008

After the financial crisis in 2008, the Group of Twenty (G20) nations requested the IASB to step up its revision of accounting standards revolving financial instruments. This was to address issues including financial instruments being classified arbitrarily, provisions for impairment of financial assets not being made adequately or in a timely manner. In 2009, the IASB launched the project to reform the accounting standards for financial instruments.

During the period from 2009 to 2013, the IASB issued exposure drafts and supplementary documents on the classification, measurement and impairment of financial assets.

2014-2015

2009-2013

January 1, 2018. Early

implementation is allowed.

In July 2014, the IASB issued IFRS 9 - Financial Instruments, which will be implemented on Chinese commercial banks started their work relating to the implementation of the new standards for financial instruments following the release by the Ministry of Finance of the Letter on Soliciting Opinions on the Three Sets of Standards Including the Accounting Standards for Business Enterprises No. 22 Recognition and Measurement of Financial Instruments (Revised) (Exposure Draft) on 1 August 2016.

2016-2017

On March 31, 2017, the Ministry of Finance revised and promulgated the Accounting Standards for Business Enterprises No. 22 - Recognition and Measurement of Financial Instruments, Accounting Standards for Business Enterprises No. 23 - Transfer of Financial Assets and Accounting Standards for Business Enterprises No. 24 - Hedge accounting.

IFRS 9

In July 2014, the IASB issued IFRS 9 - Financial Instruments (IFRS 9). The new standards have simplified the classification of financial assets, introduced the expected credit loss method as the basis of impairment of financial instruments, simplified the accounting treatments of embedded derivatives, and improved the applicability of hedging accounting.

China standard

On March 31, 2017, the Ministry of Finance revised and promulgated the Accounting Standards for Business Enterprises No. 22 - Recognition and Measurement of Financial Instruments, Accounting Standards for Business Enterprises No. 23 - Transfer of Financial Assets and Accounting Standards for Business Enterprises No. 24 - Hedge accounting. The time points for implementation of the new standards by different kinds of Chinese enterprises were also released, in a sign that the China Accounting Standards for Business Enterprises were converging with IFRS 9 with regard to financial instruments.



Hot topic 2: Implementation of the new standards for financial instruments (continued)

The new standards for financial instruments: Key revisions and timetable

中华人民共和国财政部 Ministry of Finance of the People's Republic of China 2017年4月9日星期日 《天曜字 图书词》 R 8 高标版 医用生物
1 当前位置: 首页)政务信息/政策发布
关于印发修订《企业会计准则第22号 ——金融工具确认和计量》的通知
中华人民共和国财政部 Ministry of Finance of the People's Republic of China 会 计司 2017年5月11日 第期 《 天雄字 会社司 愛主 意の記念 変更主張 当新心正 再見没好信息改新发布
关于印发修订《企业会计准则第23号 一一金融资产转移》的通知
中华人民共和国财政部 Ministry of Finance of the People's Republic of China 2011年4月11日 星期 山谷道士 語の地名住地波斯
关于印发修订《企业会计准则第24号 ——套期会计》的通知
July 2014 International Financial Reporting Standard
IFRS 9 Financial Instruments

Major revisions in the new standards

- Financial assets will be classified into three instead of four categories;
- The impairment of financial assets will be accounted for using the expected loss method instead of the incurred loss method;
- Hedge accounting will more faithfully reflect enterprises' risk management activities;

Implementation timetable

- Enterprises listed in both China and abroad, and enterprises listed on global stock exchanges, which adopt IFRS or the Accounting Standards for Business Enterprises are required to adopt the new accounting standards for financial instruments starting from January 1, 2018;
- Other domestically listed enterprises are required to adopt the standards starting from January 1, 2019
- Unlisted enterprises adopting the Accounting Standards for Business Enterprises are required to implement the new standards for financial instruments starting from January 1, 2021.
- Enterprises that have the ability to implement the new standards in advance are encouraged to do so.



Hot topic 2: Implementation of the new standards for financial instruments (continued)

Challenges in classification and measurement of financial instruments

- For many banks, the impact of the new classification and measurement of financial instruments will be on certain special financial instruments in which the contractual cash flows do not pass the SPPI test. (Contractual cash flows consisting only of principal and interest)
- The measurement of financial assets and the structure of balance sheets are broadly unchanged under the new financial instrument standards. As a result, financial instruments will be mainly classified as amortised cost. However, some parts of financial assets will be reclassified as fair value through profit or loss at amortised cost or at fair value through other comprehensive income.

SPPI test

Impact

Obstacles

 Requires individual assessment of contracts with non-standard terms

(heavy workload and time consuming)

Test of benchmarking cash flow

(the frequency of interest repricing may not be consistent with the frequency of interest collection, or average/lagging interest rate value may be used)

Evaluation of cash flows of special products

 (It is not clear whether SPPI test is satisfied if any early
 repayment terms or contract link instruments are contained

in the product)

Evaluation of business model

 It is mainly reflected in the definition of 'nonfrequent and non-material disposal' under the new standards. Assets should be appropriately classified and measured based on subjective judgements.

Valuation

Post reclassification valuation

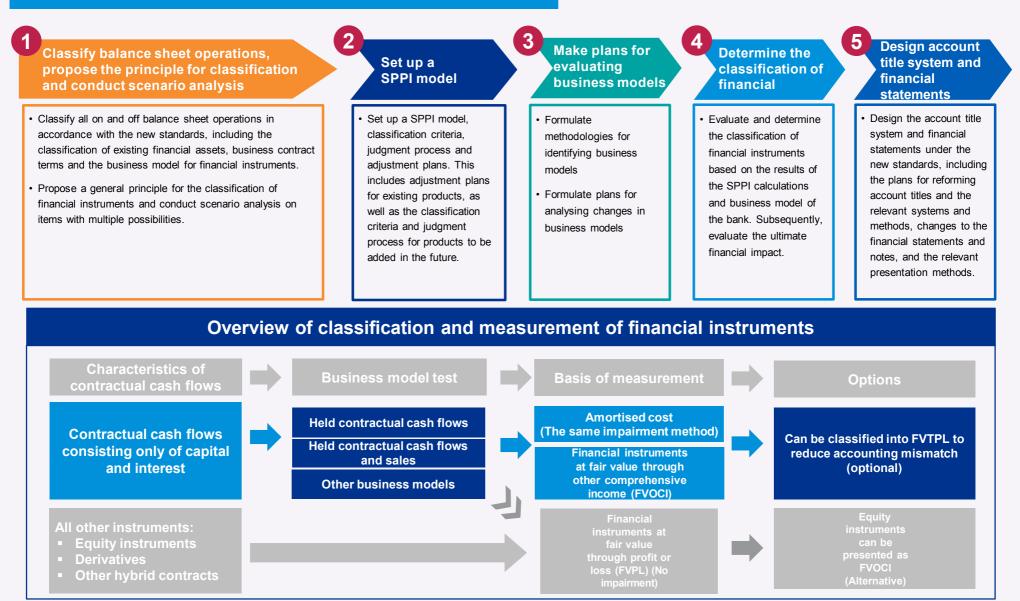
For banks, the impact of the new classification and measurement of financial instruments under the new rules is highly dependent on their business model and products. The more standardised or conventional their products are, the fewer problems they will encounter in the SPPI test.



Summary

Hot topic 2: Implementation of the new standards for financial instruments (continued)

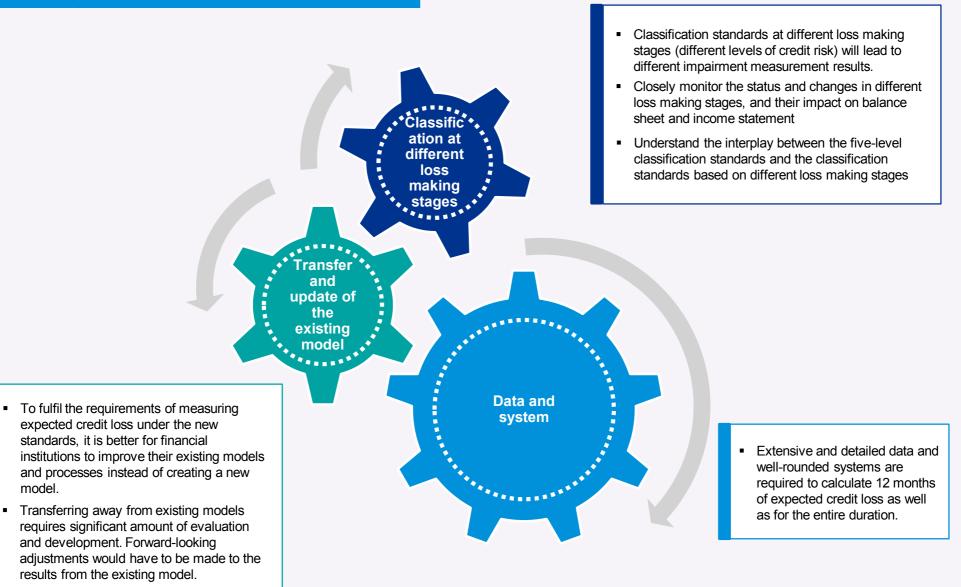
Classification and measurement of financial instruments





Hot topic 2: Implementation of the new standards for financial instruments (continued)

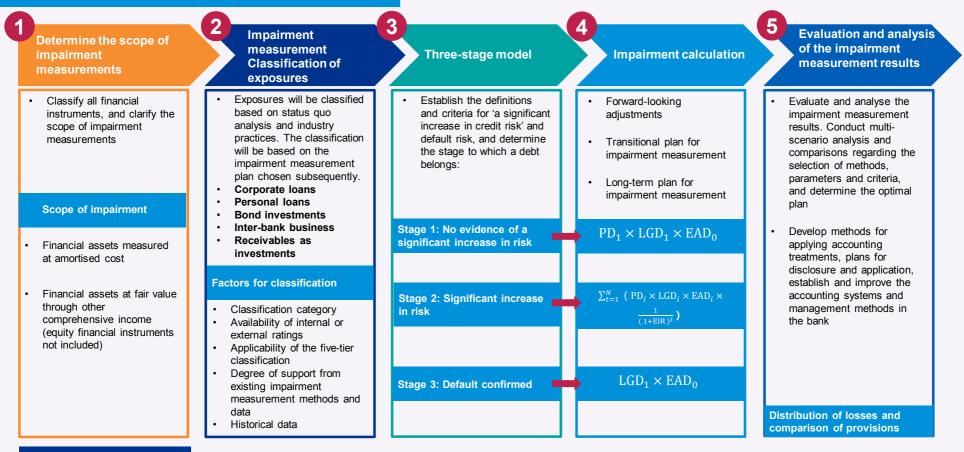
Challenges in impairment of financial assets





Hot topic 2: Implementation of the new standards for financial instruments (continued)

Impairment of financial assets



Determine whether there is a significant increase in credit risk

- Stage 1 includes financial instruments that have not had a significant increase in credit risk since initial recognition. For these assets, provision for impairment losses is calculated based on 12-month expected credit losses.
- Stage 2 includes financial instruments that have had a significant increase in credit risk since initial recognition. For these assets, provision for impairment losses is calculated based on lifetime expected credit losses.
- Stage 3 includes financial instruments that have objective evidence of impairment. For these assets, provision for impairment losses is calculated based on lifetime expected credit losses.



Hot topic 3

Impact of the Ministry of Finance and the State Administration of Taxation's Circular 140 on the Banking Industry

Hot Topic 3: Impact of the Ministry of Finance and the State Administration of Taxation's Circular 140

Background of Circular 140

Business tax in the financial industry was formally replaced by value-added tax (hereinafter referred to as 'VAT Reform') in May 1, 2016. Following its launch, the Ministry of Finance and the State Administration of Taxation have issued a series of provisions to clarify the innovative reform. In December 21, 2016, the authorities released the *Notice on Clarifying the Policy of Value-added Tax on Financial, Real Estate Development, and Educational Assistance Services* (Cai Shui [2016] No. 140) (the 'Circular 140'). Article 4 of the circular states that for VAT taxable behavior incurred in the operation of asset management products, the manager of the asset management products shall be the VAT taxpayer. The authorities subsequently followed that up with the *Supplementary Notice on Relevant Issues Concerning VAT Policy of Asset Management Products* (Cai Shui [2017] No. 2) (the 'Circular 2'), which reveals that the rules will be implemented starting July 1, 2017.

In its policy interpretation of certain provisions of Circular 140, the Ministry of Finance and the State Administration of Taxation clarified that 'asset management products' is the general term for any product types that relates to the managing of assets. This includes fund products issued by fund companies, trust schemes of trust companies, and financial products provided by banks. In essence, the concept of asset management is to be entrusted to handle financial issues on behalf of others. Fund companies, trust companies and banks, for example, are entrusted by investors to manage assets management products and are therefore the managers of the asset management products. As a result, asset management products such as financial products from banks will be impacted by Circular 140. As the managers of the financial products, banks will be required to pay the VAT in respect of the taxable income from the asset management products.





Hot Topic 3: Impact of the Ministry of Finance and the State Administration of Taxation's Circular 140 (continued)

6

Significant Impact on Bank Financial Products

If part or all of the investment income of financial products is VAT taxable income, VAT cost will be incurred. If the VAT cost is passed down to investors, it will affect the yield of the products. Assuming a non-standard debt instrument has a yield of 5 percent, the yield after tax would work out to 4.72 percent under the general tax method for 6 percent VAT. The new VAT may therefore, affect the sale of the financial products.

Banks generally tend to pass their payable VAT burden on to investors. This requires banks to carry out a series of activities including communication with investors, adding tax burden to the product release, and calculating the VAT to be deducted from the investment income of the product. Given the variety of bank financial products, the abundance of investment targets, and frequent transactions of the underlying assets, the calculation of deductible VAT can be fairly complex. As a result, banks will need to transform their existing asset management system.

According to Circular 140, the income of guaranteed investment is VAT payable on the basis of loan service income. This meant that banks' guaranteed products may face the possibility of double taxation - investment income at the product level and product income when it is allocated to investors. Double taxation will have a negative impact on the net return of investors and therefore affect the sale of guaranteed products.

As VAT taxpayers of asset management products, banks are required to comply with a series of VAT requirements, including VAT invoice, input authentication, tax declaration and accounting. These increase the compliance costs for banks. In addition, regulatory requirements dictate that the operation of products must be independent from the operations of the company, which further increases operational cost as additional manpower are needed to handle VAT compliance at the product level.





Hot Topic 3: Impact of the Ministry of Finance and the State Administration of Taxation's Circular 140 (continued)

Solutions for banks

To mitigate the potential impact of Circular 140, banks will have to develop a response plan with respect to the VAT treatment of asset management products.

5	Now	Implementing date (1 July 2017)	The first season after the implementation						
Business	 Evaluate affected products, assess impact on costs and Develop plans for existing products Design investment framework and contract terms for nee Communicate the tax burden with investors, any expect costs/gains, and amend the contract terms 	• Follow and adj	the latest regulatory developments just product strategy in a timely						
Law	 Review contract terms Review documents to communicate with and notify stakeholders 								
π	 Review and upgrade the system related to product transe evaluation Upgrade tax related systems 		the impact of the Document No. 140						
Finance and Tax of Product	 Design accounting treatment for products Provide tax training to staff Design compliance and risk control process for products Design the declaration process for products 	Monitor	new finance and taxation system work flow the latest regulatory trends						
	Tax and IT co	nsulting assistance							
		the new VAT rules (gement products	Conduct the first VAT declaration on 15 October 2017						



Hot Topic 3: Impact of the Ministry of Finance and the State Administration of Taxation's Circular 140 (continued)

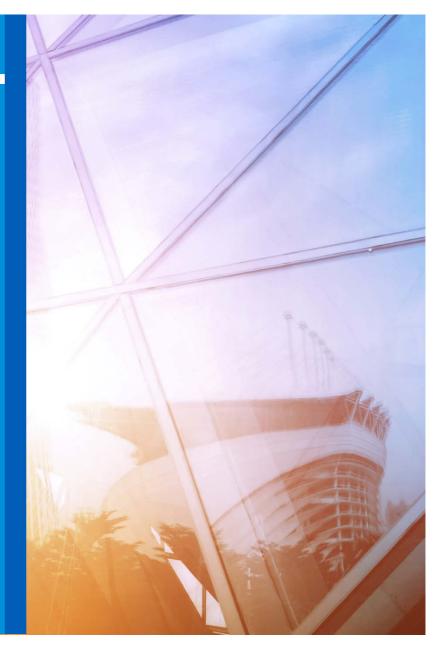
Regulatory landscape outlook

Circular 140 sets the general tone for VAT to be applicable to asset management products. However, other relevant information such as implementation details, the scope of the rules, collection method, tax rate, invoices and declaration of asset management products have yet to be clarified. In addition, whether VAT will be applicable to products under certain preferential policies will also need further clarification. The Ministry of Finance and the State Administration of Taxation are now working on the relevant rules which may include:

1) Supplementary provisions of Circular 140 to clarify some policy treatment, such as the scope of certain preferential policies under current VAT rules applicable to asset management products.

2) Detailed implementing rules for the collection of VAT of asset management products, to explain the various aspects of VAT operation requirements. Enterprises may be required to carry out compliance work regarding VAT payment for their asset management products.

Enterprises need to pay attention to these developments in order to pay VAT for their asset management products. If there are still aspects of the rules that are unclear after the introduction of the above regulations, enterprises will need to communicate with the relevant tax authorities to obtain their interpretation of laws and regulations.





Academic Insights

The implications of central bank-issued digital currency for commercial banks

Digital currency, or e-currency, has developed in recent years thanks to the prevalence of digital payment. ecurrency has a number of advantages over traditional paper money such as higher efficiency. The digital tender has been on the PBOC's agenda since 2014 and a lot of progress has been made in terms of its development.



About the authors:

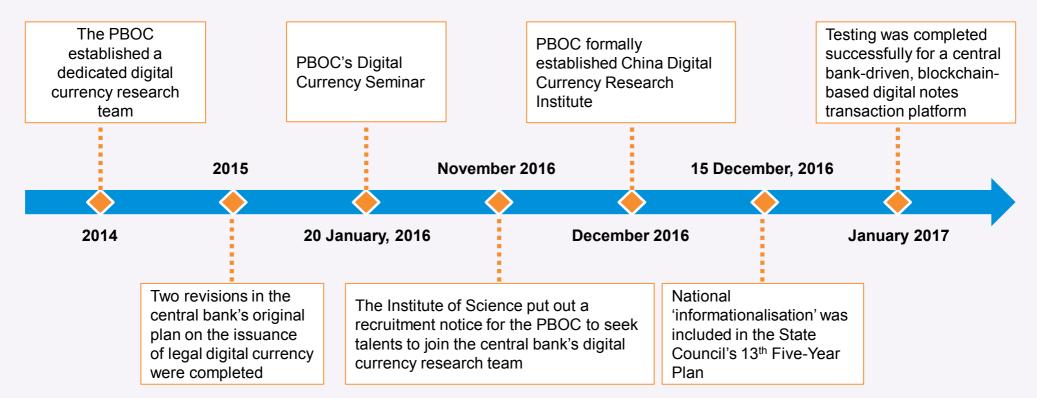
Zhou Guangyou (School of Economics, Fudan University)

Zhang Xiaoyang (Fudan University)



The development of legal digital currency

Discussions at the PBOC's Digital Currency Seminar held in Beijing on 20 January 2016 stated that the issuance of currency 'is of positive practical significance and far-reaching historical significance.' The issuance of digital currency is able to reduce the cost of paper money, enhance economic convenience and transparency, combat money laundering, tax evasion and other crimes, enhance the role of monetary policies, facilitate inclusive finance, improve payment system and enhance payment and settlement efficiency. However, e-currency issued by the central bank is very different to decentralised digital currencies such as bitcoin. The issuance of digital currency will inevitably result in changes in the issuance and circulation mechanism of paper currency, which would have significant implications on commercial banks. These implications, and corresponding countermeasures, are discussed by analysing the issuance mechanism of digital currency.

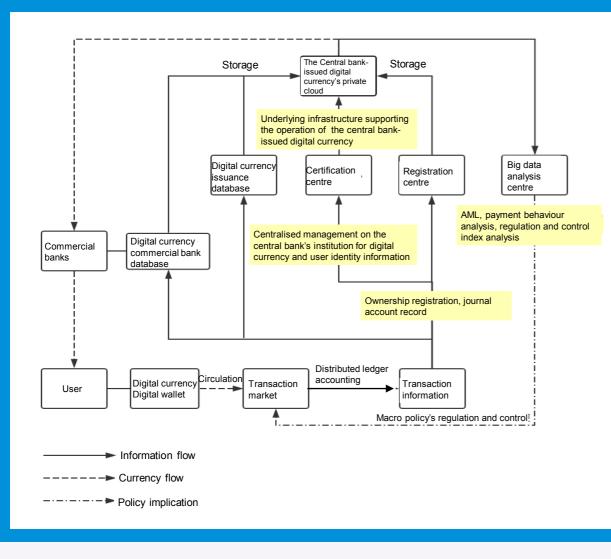


Source: People's Bank of China http://www.pbc.gov.cn/

Chart 1: The development of legal digital currency



The issuance mechanism of the central bank-issued digital currency



The issuance and circulation of digital currency – a new e-currency - is inevitably very different to traditional currency. The following is the issuance and circulation process of digital currency.

Chart 2: The issuance mechanism of legal digital currency



The issuance mechanism of the central bank-issued digital currency (continued)

From a macro perspective

As described in the previous diagram, the issuance mechanism of e-currency comprises of one cloud storage platform, two databases and three centres. Among them, legal digital currency's private cloud, also known as trusted service management module based on cloud computing, is the underlying infrastructure that serves the entire issuance and circulation mechanism of legal digital currency, including cloud computing, big data, TSM and other technologies. The two databases – commercial bank database and issuance database are responsible for the storage and issuance of digital currency. The three centres are all closely related to user data and transaction data. Certification centre is responsible for the centralised management of digital currency-related institutions and user identity information, the issuance of relevant certificates and the provision of a safe payment channel for all parties of digital currency transactions.

Registration centre records the corresponding relationship between digital currency and user identity and the journal account of digital currency transactions, which is defined as the digital currency's 'Book of Life and Death'. The big data centre analyses market transaction behaviour through big data analytics, cloud computing and other technologies, to ensure security and prevent money laundering and other crimes.

From a micro perspective

Another notable issue is that the central bank plans to issue digital currency in two alternative forms. One is similar to e-cash - electronic cash and coins – which records the number of currency by a string of ordinary numbers from a digital wallet. This is easy to develop as it only requires basic changes to the existing payment system. However, as the third-party payment market is saturated, central bank participation is likely to have limited benefits in improving payment convenience (with the exception of national credit endorsement). The same goes for its impact on transactional demand and effectiveness of monetary policies.

The other form draws on the experience of private digital currency. In this instance, legal digital currency comes in the form of 'a string of numbers verified by specific cryptography and consensus algorithm' and can be further applied to mobile terminals through blockchain technology or distributed ledger technology. With the utilisation of these various advanced technologies, the issuance of legal digital currency will significantly enhance the portability and transparency of transactions and decrease KYC and AML cost. This system, however, is much more complex than e-cash and requires an entirely new ecosystem to be built for it. Difficulties in technology requirements, R&D, operations and maintenance should not be underestimated.





The implications of digital currency for commercial banks

The issuance of legal digital currency will certainly bring about great changes to China's overall financial ecosystem such as advances in digitalisation or further innovation in the settlement system. As a key component of China's financial system, commercial banks mainly function as credit and payment intermediaries. They also provide credit creation and financial services. If 'comprehensive digitalisation' is completed, it is to be expected that a commercial bank's ability to act as credit and payment intermediaries, or as a credit creator will be greatly hampered. Naturally, financial services will gradually become their main source of revenue.

Our analysis finds that the creation of central bank driven digital currency will affect commercial banks via the following methods:

Improved efficiency of currency issuance and circulation

The issuance of legal digital currency will improve the efficiency of currency issuance and circulation. The digital currency proposed by the central bank differs from private digital currency and is a digital version of cash with state credit, which means it is a recognised currency that belongs to the M0 (cash) category. According to the PBOC, digital currency will be circulated in conjunction with physical cash for a period of time with the ultimate aim of eventually replacing the latter as the mainstream currency. The issuance, circulation and withdrawal (including remittance, transfer, settlement and deposit) of China's currency will therefore advance from the physical level to the electronic level. Such changes will leave out many cumbersome intermediary processes and greatly improve the efficiency of bank payment systems such as the Bulk Electronic Payment System (BEPS).

Commercial banks to lose its dominance in monetary transactions

On the other hand, digital currency will pose a serious challenge to commercial banks' dominance in monetary transactions. While the mobile payment terminal proposed by the central bank is similar to existing third-party payment platforms, its function goes beyond closing balances, but is instead a string of encrypted numbers for deposits and digital wallets. It can also improve the functions of KYC (know your customer) and AML (anti-money laundering). The advantages of digital currency speak for themselves, which will have a serious impact on commercial banks via the following ways:

1) Demand physical bank outlets will decline. While the elderly, who are not accustomed to mobile terminals, might continue to visit physical bank branches, this demand will gradually fade out. Banks will have to review their physical outlet strategy such as the layout, the number of physical outlets and the number of equipment related to the monetary transactions (ATM).

2) Banks will have to review their headcount as the demand for staff engaging in monetary transactions including cashiers, tellers, moneyprinting and cash transportation will be lower.



The implications of digital currency for commercial banks (continued)

Impaired capacity of commercial banks to raise funds and supply credit

As Ben Broadbent, Deputy Governor for Monetary policy at the Bank of England, pointed out in his speech 'Central Banks and Digital Currencies' last year that 'the economic effects of digital currency would depend on how exactly a legal digital currency, namely the Central Bank Digital Currency (CBDC) is designed – and in particular the extent to which it competes with the main form of money in the economy, commercial bank deposits'.

The more similar the legal digital currency is to bank deposits, the more obvious their trade-off relationship will be. Admittedly, legal digital currency falls within the cash category, does not generate interest, and has less functions than cash deposits. But it must be noted that people have a strong desire to hold cash and gold during economic depression. The same applies to the legal digital currency. In other words, demand for legal digital currency and commercial bank deposits could alternate with each other periodically and fluctuate with economic volatility. This could potentially rewrite the balance sheets of the central bank and commercial banks and radical changes could occur to the existing financial system.

Commercial banks might no longer have a stable source of deposits. This would impair their financing capacity, which would then affect their ability to supply credit.

Disintermediation of commercial banks as a result of blockchain

The new currency system is likely to adopt the existing binary system of having a central bank and commercial banks. Commercial banks will be mobilised to diversify any possible risks that could appear in the transitional period and accelerate service innovation. At the same time, the central bank could find inspiration in private digital currency and apply blockchain technology to the legal digital currency, which would increase the risk of disintermediation of commercial banks. In other words, the existing settlement system may be replaced by the distributed ledger function of blockchain. If this occurs, commercial banks will lose not only one of their most important sources of revenue - handling fee - but also customer transaction information generated through its settlement function.

The biggest difference between legal digital currency and private digital currency is centralisation, which means that the corresponding technical pillars of both types of currency are likely to be different. PBOC Deputy Governor Fan Yifei mentioned in the article 'Theoretical Basis and Architecture Selection of China's Legal Digital Currency' that '(We must) change a flat network into a hierarchical structure, change the publicly-owned chains into alliance-based chains and competitive ledgers into cooperative ledgers, and involve some key nodes in the ledger system'. Commercial banks are likely continue to participate in the accounting process, but under a new identity similar to a 'miner' in bitcoin. This could mitigate the disintermediation of commercial banks to some extent and maintain commercial banks' control over transaction information. The loss of commission fees, however, is inevitable.



3

The implications of digital currency for commercial banks (continued)



Financial services: The new focus of commercial banks

Wen Xinxiang, Deputy Director of the PBOC's Monetary Policy Division pointed out in the article 'The Implications of Digital Currency on Monetary Policy' that the issuance of digital currency by the central bank will affect commercial banks although financial services provided by the latter will remain indispensable.

Under the new digital currency system, the central bank will continue to adopt the existing binary system of a central bank and commercial banks. This is because of cost and technology reasons, as well as to protect commercial banks and facilitate their successful transition in a full-fledged digital age. Under this system, commercial banks can apply to the central bank for digital currency, and record the circulation and credit-granting of digital currency through their databases, which are used to store the central bank-issued digital currency. The massive amount of information recorded in the databases, combined with big data analysis and cloud computing, will further improve the financial services provided by commercial banks. This includes credit investigation, risk management and risk pricing.

As things stand, the main revenue stream of Chinese commercial banks is based on net interest spread rather than handling fees, commission or other service charges. The issuance of legal digital currency by the central bank is likely to prompt commercial banks to change their operational beliefs and shift their focus to financial services – an ongoing trend as a result of the rise of third-party payments and recent liberalisation of interest rates.





Countermeasures and suggestions

We have identified several countermeasures for commercial banks to adopt in order to mitigate the impact of legal digital currency

Moving operations from offline to online

With the issuance of legal digital currency by the central bank, the principal activities of commercial banks will move from offline to online, which would require plenty of adjustments. To begin with, the frequency of offline transactions will decrease rapidly and so will demand for physical bank outlets by individuals and companies. From a cost perspective, commercial banks should rearrange branch layouts and reduce the number of physical outlets without affecting customer convenience. Meanwhile, the number of monetary transaction equipment such as ATMs as well as the headcount of associated staff including cashiers and tellers should be reviewed accordingly.

While the online payment functions of commercial banks are losing ground to emerging third-party payment institutions, legal digital currency can provide banks with a second chance. The prospects of mobile payment, for example, is very promising. However, third-party payment institutions are currently winning the battle as their product transactions are more convenient and efficient, while their designs caters more towards a user's spending habits. Commercial banks need to pay more attention to the changes and development of customer behaviour and habits, as well as transaction patterns. They should also adjust their service patterns, such as the design of the mobile client and the architecture of the settlement system.

The online trading model of commercial banks should be characterised by intelligence and convenience. It needs to deliver a better experience for their customers in order to compete in the new age of digitalisation.





Countermeasures and suggestions (continued)

Participate actively in the research and issuance of digital currency

The PBOC regards commercial banks as an indispensable part of the new digital currency framework. Commercial banks should therefore take the initiative to master the relevant techniques required for the issuance and circulation of digital currency such as data encryption and big data analysis. This will ensure their prominence in the new system.

Commercial banks could also carry out some bold experiments. For example, Citibank has developed its own encrypted currency, Citi Coin, on its digital testing platform, which utilises the distributed ledger blockchain technology. Through in-depth study of digital currency, commercial banks can master the required technologies and have a deeper understanding of the potential issues involved. Such research efforts can also serve as a reference for the architecture design of the digital currency proposed by the central bank. This would align their developmental pace and, possibly, achieve a smooth connection between the digital currency issuance system and other relevant function designs.



Accelerating technical innovation to facilitate inclusive finance

The World Bank estimated that approximately 2 billion adults could not get access to the most basic financial services around the world in 2014 per its report "The Global Findex Database 2014 - Measuring Financial Inclusion around the World" issued in April 2015. In China, it can be difficult for some small and micro businesses, farmers, low-income urban residents, the disabled and the elderly to gain access financial services. The issuance of legal digital currency, however, could help turn that around. Commercial banks will usher in new customers, which will be followed by new information, new platforms and new opportunities. But it should be noted that inclusive finance is not a charity and relief campaign and commercial banks do not need to give up their own business principles for the social value of this objective.





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3 Appendix: 2017 Q1 financial data of listed banks

Appendix - Total assets

RMB		alances with Il bank		advances to omers	Invest	ments	Interbank assets		sets Other assets		Total assets	
million	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016
	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec
ICBC	3,437,830	3,350,788	13,267,798	12,767,334	5,664,974	5,481,174	1,554,511	1,553,100	979,823	984,869	24,904,936	24,137,265
CCB	2,981,283	2,849,261	11,877,235	11,488,355	5,160,524	5,068,584	967,438	858,462	708,724	699,043	21,695,204	20,963,705
BOC	2,540,457	2,349,188	10,124,969	9,735,646	4,169,309	3,972,884	1,185,351	1,176,482	897,463	914,689	18,917,549	18,148,889
ABC	2,831,875	2,811,653	9,703,407	9,319,364	5,687,722	5,333,535	1,506,394	1,526,665	594,586	578,844	20,323,984	19,570,061
BCM	1,010,524	991,435	4,244,850	4,009,046	2,408,858	2,314,445	696,503	715,787	372,976	372,453	8,733,711	8,403,166
CMB	599,101	597,529	3,308,271	3,151,649	1,565,887	1,450,922	350,557	581,963	176,858	160,248	6,000,674	5,942,311
CNCB	519,072	553,328	2,871,468	2,802,384	1,877,435	1,852,670	323,697	546,653	160,190	176,015	5,751,862	5,931,050
CMBC	453,510	524,239	2,543,720	2,397,192	2,256,562	2,206,909	374,246	461,837	328,569	305,700	5,956,607	5,895,877
SPDB	457,304	517,230	2,840,944	2,674,557	2,177,444	2,135,088	229,837	356,116	184,134	174,272	5,889,663	5,857,263
CIB	444,229	457,654	2,122,930	2,007,366	3,259,532	3,292,074	161,253	100,994	241,227	227,807	6,229,171	6,085,895
CEB	360,597	381,620	1,850,311	1,751,644	1,387,544	1,318,143	376,711	425,935	151,817	142,700	4,126,980	4,020,042
HXB	286,176	222,173	1,222,020	1,184,355	651,694	640,162	196,610	271,680	42,555	37,865	2,399,055	2,356,235
PAB	269,541	311,258	1,504,184	1,435,869	801,995	759,438	242,885	273,208	187,590	173,661	3,006,195	2,953,434
BOSH	135,022	137,037	572,667	537,397	889,183	916,154	152,894	134,928	32,581	29,855	1,782,347	1,755,371
BOB	168,888	166,285	929,171	867,955	741,025	676,550	293,029	365,958	42,346	39,591	2,174,459	2,116,339
HZB	55,885	68,902	255,704	239,130	331,639	347,326	88,516	56,421	8,521	8,645	740,265	720,424
BON	103,802	93,065	333,197	318,543	529,668	521,681	131,617	105,342	24,282	25,269	1,122,566	1,063,900
NBCB	81,838	93,377	303,052	292,788	469,220	427,775	39,414	43,462	26,059	27,618	919,583	885,020
WRCB	14,844	15,530	60,927	58,570	41,806	41,376	9,294	6,448	2,861	2,709	129,732	124,633
BOJS	139,782	135,122	656,133	632,555	690,911	688,743	214,805	96,248	47,390	45,624	1,749,021	1,598,292
CRCB	14,210	14,240	66,234	64,229	48,256	41,244	5,598	6,684	3,488	3,585	137,786	129,982
GYB	46,401	43,182	101,229	99,079	217,318	202,338	8,670	13,538	18,783	14,116	392,401	372,253
JRCB	9,617	11,176	51,347	50,372	38,466	37,987	2,402	2,103	2,508	2,447	104,340	104,085
WJRCB	11,030	12,851	45,252	43,927	17,140	15,577	6,082	6,074	3,055	2,919	82,559	81,348
ZRCB	8,616	9,074	44,450	42,754	33,105	31,471	2,248	4,046	3,204	2,833	91,623	90,178
PSBC	1,366,773	1,310,273	3,114,506	2,939,217	3,283,451	3,463,841	593,130	442,194	129,007	110,097	8,486,867	8,265,622
CQCB	39,586	42,813	152,794	146,789	130,063	120,313	68,385	55,706	8,607	7,483	399,435	373,104
CQRCB	94,717	85,836	299,642	288,116	263,770	263,657	151,752	150,854	14,553	14,695	824,434	803,158
Total	18,482,510	18,156,119	74,468,412	71,346,182	44,794,501	43,622,061	9,933,829	10,338,888	5,393,757	5,285,652	153,073,009	148,748,902

Source: The banks' 2017 Q1 & 2016 annual reports; KPMG China research



Appendix - Loan quality

	NPI	₋ ratio	Allowar	ice to NPL	Allowance to total loans ratio		
	31 March 2017	31 December 2016	31 March 2017	31 December 2016	31 March 2017	31 December 2016	
ICBC	1.59%	1.62%	141.51%	136.69%	2.25%	2.21%	
CCB	1.52%	1.52%	159.51%	150.36%	2.42%	2.29%	
BOC	1.45%	1.46%	159.52%	162.82%	2.31%	2.38%	
ABC	2.33%	2.37%	173.60%	173.40%	4.04%	4.11%	
BCM	1.52%	1.52%	150.26%	150.50%	2.28%	2.29%	
CMB	1.76%	1.87%	208.67%	180.02%	3.67%	3.37%	
CNCB	1.74%	1.69%	151.54%	155.50%	2.64%	2.63%	
CMBC	1.68%	1.68%	155.70%	155.41%	2.62%	2.61%	
SPDB	1.92%	1.89%	166.82%	169.13%	3.20%	3.20%	
CIB	1.60%	1.65%	215.16%	210.51%	3.44%	3.47%	
CEB	1.54%	1.60%	157.64%	152.02%	2.43%	2.43%	
HXB	1.69%	1.67%	167.71%	158.73%	2.83%	2.65%	
PAB	1.74%	1.74%	163.32%	155.37%	2.84%	2.70%	
BOSH	1.15%	1.17%	255.30%	255.50%	2.94%	2.99%	
HZB	1.61%	1.62%	189.29%	186.76%	3.05%	3.03%	
BON	0.87%	0.87%	449.42%	457.32%	3.91%	3.98%	
NBCB	0.91%	0.91%	372.62%	351.42%	3.39%	3.20%	
WRCB	1.31%	1.39%	209.00%	200.77%	2.74%	2.79%	
BOJS	1.43%	1.43%	180.88%	180.56%	2.59%	2.58%	
CRCB	1.36%	1.40%	241.04%	234.83%	3.28%	3.29%	
GYB	1.47%	1.42%	258.10%	235.19%	3.79%	3.34%	
JRCB	2.41%	2.41%	174.88%	170.14%	4.21%	4.10%	
ZRCB	1.96%	1.96%	183.96%	180.36%	3.61%	3.54%	
PSBC	0.85%	0.87%	279.75%	271.69%	2.38%	2.37%	
CQCB	1.15%	0.96%	245.99%	293.35%	2.83%	2.82%	
CQRCB	0.96%	0.96%	424.52%	428.37%	4.08%	4.11%	
Average	1.52%	1.53%	216.76%	213.72%	3.07%	3.02%	

Note: BOB and WJRCB did not disclose the relevant data

Source: The banks' 2017 Q1 & 2016 annual reports; KPMG China research



Appendix - Investment structure

RMB	Financial asset through pro			hilable-for-sale financial assets Held-to-maturity investment receivables Total				otal		
million	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016
	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec
ICBC	508,943	474,475	1,761,001	1,742,287	2,985,395	2,973,042	409,635	291,370	5,664,974	5,481,174
ССВ	582,574	488,370	1,683,649	1,633,834	2,372,235	2,438,417	522,066	507,963	5,160,524	5,068,584
BOC	138,411	124,090	1,675,784	1,609,830	1,957,147	1,843,043	397,967	395,921	4,169,309	3,972,884
ABC	502,008	417,955	1,390,801	1,408,881	3,132,065	2,882,152	662,848	624,547	5,687,722	5,333,535
BCM	211,891	179,221	384,465	342,755	1,413,756	1,407,449	398,746	385,020	2,408,858	2,314,445
CMB	56,702	55,972	395,667	389,138	486,687	477,064	626,831	528,748	1,565,887	1,450,922
CNCB	65,550	64,911	524,480	534,533	223,751	217,498	1,063,654	1,035,728	1,877,435	1,852,670
CMBC	67,625	89,740	309,044	307,078	656,554	661,362	1,223,339	1,148,729	2,256,562	2,206,909
SPDB	285,284	177,203	592,836	620,463	330,667	326,950	968,657	1,010,472	2,177,444	2,135,088
CIB	335,793	354,595	633,830	584,850	249,846	249,828	2,040,063	2,102,801	3,259,532	3,292,074
CEB	16,968	7,834	441,639	425,131	287,312	257,500	641,625	627,678	1,387,544	1,318,143
HXB	8,018	4,939	91,560	92,252	345,619	345,593	206,497	197,378	651,694	640,162
PAB	44,044	57,179	1,238	1,179	291,433	286,802	465,280	414,278	801,995	759,438
BOSH	10,734	7,145	446,680	432,146	251,979	236,540	179,790	240,323	889,183	916,154
BOB	37,680	40,952	165,968	177,026	213,544	208,431	323,833	250,141	741,025	676,550
HZB	12,618	7,951	191,855	220,245	74,038	66,674	53,128	52,456	331,639	347,326
BON	30,060	25,250	162,982	163,861	112,628	111,828	223,998	220,742	529,668	521,681
NBCB	62,150	8,276	259,825	280,552	41,118	39,371	106,127	99,576	469,220	427,775
WRCB	2,314	1,176	20,164	20,263	9,851	10,587	9,477	9,350	41,806	41,376
BOJS	4,854	4,681	321,395	356,736	138,436	138,720	226,226	188,606	690,911	688,743
CRCB	737	442	16,627	16,069	15,913	11,770	14,979	12,963	48,256	41,244
GYB	5,828	944	95,610	94,617	52,063	51,575	63,817	55,202	217,318	202,338
JRCB	2,022	1,999	22,537	22,806	13,707	12,282	200	900	38,466	37,987
WJRCB	37	-	11,143	8,851	5,960	6,726	-	-	17,140	15,577
ZRCB	1,105	147	21,532	23,300	3,227	3,236	7,241	4,788	33,105	31,471
PSBC	97,703	68,976	866,957	1,160,187	794,071	736,154	1,524,720	1,498,524	3,283,451	3,463,841
CQCB	773	882	31,121	23,885	20,893	19,795	77,276	75,751	130,063	120,313
CQRCB	3,188	4,522	96,218	90,142	68,889	67,842	95,475	101,151	263,770	263,657
Average	3,095,614	2,669,827	12,616,608	12,782,897	16,548,784	16,088,231	12,533,495	12,081,106	44,794,501	43,622,061

Source: The banks' 2017 Q1 & 2016 annual reports; KPMG China research



Appendix - Total liability

RMB	Depo	osits	Liabilities fro other financia	om banks and al institutions	Debt certific	ates issued	Other li	abilities	Total		
million	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	
	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec	31 Mar	31 Dec	
ICBC	18,565,009	17,825,302	2,545,150	2,606,105	374,569	357,937	1,375,237	1,366,758	22,859,965	22,156,102	
CCB	16,232,198	15,402,915	1,899,223	2,126,121	466,060	451,554	1,447,116	1,393,461	20,044,597	19,374,051	
BOC	13,759,960	12,939,748	1,676,821	1,723,319	382,439	362,318	1,569,697	1,636,412	17,388,917	16,661,797	
ABC	15,961,893	15,038,001	1,334,432	1,663,897	448,340	388,215	1,213,274	1,158,357	18,957,939	18,248,470	
BCM	4,937,673	4,728,589	1,768,473	1,787,463	228,024	229,515	1,147,383	1,025,192	8,081,553	7,770,759	
CMB	3,929,544	3,802,049	838,406	967,425	355,577	275,082	455,323	494,393	5,578,850	5,538,949	
CNCB	3,430,435	3,639,290	1,174,915	1,185,511	464,831	386,946	288,515	334,807	5,358,696	5,546,554	
CMBC	3,050,541	3,082,242	1,511,791	1,521,274	474,836	398,376	552,696	541,958	5,589,864	5,543,850	
SPDB	3,097,527	3,002,015	1,412,568	1,532,295	690,921	664,683	303,376	285,336	5,504,392	5,484,329	
CIB	2,885,353	2,694,751	1,897,398	2,018,489	719,884	713,966	329,792	304,279	5,832,427	5,731,485	
CEB	2,243,298	2,120,887	717,227	967,050	606,074	412,500	296,648	268,537	3,863,247	3,768,974	
HXB	1,393,517	1,368,300	384,538	404,959	310,593	268,184	154,079	161,819	2,242,727	2,203,262	
PAB	1,912,082	1,921,835	472,421	463,878	317,079	263,464	96,874	102,086	2,798,456	2,751,263	
BOSH	864,012	849,073	391,855	422,738	249,859	231,080	156,331	136,261	1,662,057	1,639,152	
BOB	1,188,444	1,150,904	384,854	432,018	339,030	301,765	113,530	87,873	2,025,858	1,972,560	
HZB	371,114	368,307	116,293	118,443	185,894	168,510	27,231	26,602	700,532	681,862	
BON	729,656	655,203	68,147	120,052	198,054	170,165	62,330	56,102	1,058,187	1,001,522	
NBCB	541,085	511,405	129,648	141,868	137,022	112,985	60,119	68,376	867,874	834,634	
WRCB	100,551	95,461	10,106	8,805	5,612	6,687	4,439	4,807	120,708	115,760	
BOJS	987,827	907,412	340,376	406,333	259,425	131,743	74,943	68,597	1,662,571	1,514,085	
CRCB	94,096	88,810	13,925	19,280	13,626	6,991	5,438	4,470	127,085	119,551	
GYB	271,482	262,998	38,154	33,173	54,080	48,108	5,819	5,974	369,535	350,253	
JRCB	75,575	73,641	14,196	14,211	2,556	4,105	2,910	3,115	95,237	95,072	
WJRCB	65,757	65,388	6,185	6,288	300	-	2,282	1,794	74,524	73,470	
ZRCB	66,102	65,257	13,664	13,776	456	613	3,110	3,083	83,332	82,729	
PSBC	7,780,555	7,286,311	138,932	425,634	74,922	54,943	132,315	151,846	8,126,724	7,918,734	
CQCB	232,396	229,594	50,601	60,351	84,287	54,598	5,894	4,749	373,178	349,292	
CQRCB	556,668	518,186	104,773	158,958	93,808	58,487	12,587	13,337	767,836	748,968	
Total	105,324,350	100,693,874	19,455,072	21,349,714	7,538,158	6,523,520	9,899,288	9,710,381	142,216,868	138,277,489	

Source: The banks' 2017 Q1 & 2016 annual reports; KPMG China research



Appendix - Capital adequacy ratio and tier 1 capital adequacy ratio

	Capital ad	equacy ratio	Tier 1 capital adequacy ratio		
	31 March 2017	31 December 2016	31 March 2017	31 December 2016	
ICBC	14.66%	14.61%	13.51%	13.42%	
ССВ	14.82%	14.94%	13.14%	13.15%	
BOC	13.77%	14.28%	12.04%	12.28%	
ABC	13.21%	13.04%	11.16%	11.06%	
BCM	13.64%	14.02%	12.03%	12.16%	
СМВ	14.43%	13.33%	12.40%	11.54%	
CNCB	12.08%	11.98%	9.88%	9.65%	
СМВС	11.63%	11.73%	9.19%	9.22%	
SPDB	11.77%	11.65%	9.49%	9.30%	
CIB	12.26%	12.02%	9.65%	9.23%	
СЕВ	11.78%	10.80%	9.32%	9.34%	
НХВ	11.36%	11.36%	9.61%	9.70%	
PAB	11.48%	11.53%	9.23%	9.34%	
BOSH	13.48%	13.17%	11.50%	11.13%	
HZB	11.89%	11.88%	9.94%	9.95%	
BON	13.38%	13.71%	9.63%	9.77%	
NBCB	12.15%	12.25%	9.46%	9.46%	
WRCB	11.83%	12.65%	9.67%	10.28%	
BOJS	10.99%	11.51%	8.67%	9.02%	
CRCB	12.56%	13.22%	10.35%	10.93%	
GYB	13.16%	13.75%	11.05%	11.51%	
JRCB	13.87%	14.18%	12.69%	13.08%	
ZRCB	13.56%	13.42%	12.40%	12.26%	
PSBC	11.88%	11.13%	8.88%	8.63%	
CQCB	13.70%	11.79%	9.72%	9.82%	
CQRCB	12.72%	12.70%	9.93%	9.86%	
Average	12.77%	12.72%	10.56%	10.58%	

Note: BOB and WJRCB did not disclose the relevant data

Source: The banks' 2017 Q1 reports & 2016 annual report; KPMG China research



Appendix - Net profit attributable to parent's shareholders

	Jan-Mar 2017 (RMB Million)	Jan-Mar 2016 (RMB Million)	Rate of change
ICBC	75,786	74,764	1.37%
ССВ	70,012	67,952	3.03%
BOC	46,649	46,619	0.06%
ABC	55,710	54,688	1.87%
BCM	19,323	19,066	1.35%
СМВ	19,977	18,350	8.87%
CNCB	11,389	11,200	1.69%
СМВС	14,199	13,706	3.60%
SPDB	14,462	13,922	3.88%
CIB	16,824	15,700	7.16%
СЕВ	8,579	8,446	1.57%
НХВ	4,499	4,431	1.53%
PAB	6,214	6,086	2.10%
BOSH	3,874	3,636	6.55%
BOB	5,445	5,275	3.22%
HZB	1,310	1,216	7.73%
BON	2,453	2,119	15.76%
NBCB	2,359	2,030	16.21%
WRCB	238	216	10.19%
BOJS	2,988	2,692	11.00%
CRCB	316	284	11.27%
GYB	967	809	19.53%
JRCB	175	177	-1.13%
WJRCB	170	155	9.68%
ZRCB	204	192	6.25%
PSBC	13,796	12,492	10.44%
СQСВ	1,095	989	10.72%
CQRCB	2,428	2,193	10.72%
Total	401,441	389,405	3.09%
Average	14,337	13,907	3.09%

Source: The banks' 2017 Q1 & 2016 Q1 reports; KPMG China research



Appendix - Key performance indicator

	R	OE	E	PS	Net Asset Per Share (RMB)		
	Jan-Mar, 2017	Jan-Mar, 2016	Jan-Mar, 2017	Jan-Mar, 2016	Mar.31, 2017	Dec.31, 2016	
ICBC	15.80%	17.12%	0.21	0.21	5.46	5.29	
ССВ	17.63%	18.53%	0.28	0.27	6.52	6.28	
BOC	13.74%	14.77%	0.15	0.15	4.59	4.46	
ABC	17.49%	18.72%	0.16	0.16	3.95	3.81	
BCM	12.10%	14.40%	0.26	0.26	7.93	7.67	
СМВ	19.42%	19.84%	0.79	0.73	16.68	15.95	
СМСВ	13.25%	13.94%	0.23	0.23	7.21	7.04	
СМВС	16.71%	17.94%	0.39	0.38	9.51	9.12	
SPDB	15.84%	18.00%	0.63	0.63	16.20	15.64	
CIB	18.80%	21.24%	0.88	0.82	17.59	17.02	
CEB	15.30%	16.25%	0.18	0.18	4.99	4.72	
НХВ	10.92%	14.80%	0.34	0.41	12.68	12.37	
PAB	11.56%	14.80%	0.31	0.35	10.94	10.61	
BOSH	13.16%	15.44%	0.65	0.67	19.96	19.28	
BOB	17.20%	18.48%	0.36	0.35	8.49	8.17	
HZB	13.40%	15.04%	0.50	0.52	15.18	14.73	
BON	18.52%	17.60%	0.40	0.35	8.91	8.59	
NBCB	20.48%	19.68%	0.60	0.52	12.00	11.66	
WRCB	10.76%	11.76%	0.13	0.13	4.83	4.75	
BOJS	14.27%	16.17%	0.26	0.26	7.35	7.16	
CRCB	12.68%	13.80%	0.14	0.14	4.55	4.43	
GYB	17.92%	22.52%	0.42	0.45	9.57	9.20	
JRCB	7.96%	9.68%	0.10	0.11	5.00	4.95	
WJRCB	8.68%	9.32%	0.15	0.15	7.12	6.98	
ZRCB	10.32%	10.88%	0.12	0.12	4.52	4.50	
PSBC	15.83%	18.16%	0.17	0.18	4.44	4.28	
СQСВ	17.74%	18.23%	0.35	0.32	7.93	7.61	
CQRCB	18.05%	17.76%	0.26	0.24	5.92	5.66	
Average	14.84%	16.25%	0.34	0.33	8.93	8.64	

Source: The banks' 2017 Q1 & 2016 Q1 reports; KPMG China research



Appendix - Operating income

RMB	Net Interest Income		come	Net Commission Fee Income			Inve	Investment Income		Other Operating Income			Operating Income		
Million	Jan-Mar, 2017	Jan-Mar, 2016	Change Rate	Jan-Mar, 2017	Jan-Mar, 2016	Change Rate	Jan-Mar, 2017	Jan-Mar, 2016	Change Rate	Jan-Mar, 2017	Jan-Mar, 2016	Change Rate	Jan-Mar, 2017	Jan-Mar, 2016	Change Rate
ICBC	121,970	118,810	2.66%	40,958	43,485	-5.81%	1,899	1,998	-4.95%	24,698	29,596	-16.55%	189,525	193,889	-2.25%
ССВ	106,923	107,886	-0.89%	38,767	38,376	1.02%	1,982	5,972	-66.81%	23,126	35,710	-35.24%	170,798	187,944	-9.12%
BOC	78,608	79,536	-1.17%	25,751	25,727	0.09%	4,486	4,467	0.43%	20,450	13,089	56.24%	129,295	122,819	5.27%
ABC	103,206	101,704	1.48%	25,471	28,918	-11.92%	803	772	4.02%	18,908	6,652	184.25%	148,388	138,046	7.49%
BCM	31,217	34,028	-8.26%	11,279	10,772	4.71%	536	72	644.44%	11,853	11,161	6.20%	54,885	56,033	-2.05%
CMB	34,914	34,306	1.77%	18,640	19,824	-5.97%	1,881	4,598	-59.09%	1,640	-476	-444.54%	57,075	58,252	-2.02%
CNCB	25,108	27,562	-8.90%	10,805	11,037	-2.10%	1,174	1,987	-40.92%	691	-107	-745.79%	37,778	40,479	-6.67%
CMBC	20,680	24,106	-14.21%	12,681	14,572	-12.98%	1,161	4,455	-73.94%	1,707	-2,999	-156.92%	36,229	40,134	-9.73%
SPDB	26,519	27,812	-4.65%	12,191	11,618	4.93%	3,669	1,969	86.34%	-19	792	-102.40%	42,360	42,191	0.40%
CIB	21,739	29,581	-26.51%	8,890	7,673	15.86%	2,400	3,903	-38.51%	1,517	-240	-732.08%	34,546	40,917	-15.57%
CEB	15,203	16,424	-7.43%	8,208	6,902	18.92%	38	223	-82.96%	208	-9	-2411.11%	23,657	23,540	0.50%
HXB	12,445	12,068	3.12%	3,666	2,949	24.31%	7	85	-91.76%	213	17	1152.94%	16,331	15,119	8.02%
PAB	18,869	18,398	2.56%	8,150	8,101	0.60%	611	824	-25.85%	82	209	-60.77%	27,712	27,532	0.65%
BOSH	5,234	7,207	-27.38%	1,682	1,797	-6.40%	1,892	-125	-1613.60%		409	-252.32%	8,185	9,288	-11.87%
BOB	9,440	9,375	0.69%	4,032	3,071	31.29%	116	249	-53.41%	18	7	157.14%	13,606	12,702	7.12%
HZB	2,877	3,043	-5.46%	403	404	-0.25%	13	56	-76.79%	-39	-63	-38.10%	3,254	3,440	-5.40%
BON	5,078	5,928	-14.34%	844	1,457	-42.07%	127	447	-71.59%	181	16	1031.25%	6,231	7,848	-20.61%
NBCB	4,806	4,464	7.66%	1,658	1,542	7.52%	-149	425	-135.06%	119	-355	-133.52%	6,433	6,076	5.88%
WRCB	600	545	10.09%	55	45	22.22%	34	28	21.43%	-15	-24	-37.50%	674	594	13.46%
BOJS	6,861	6,347	8.10%	1,669	1,696	-1.59%	38	11	245.45%	-33	-12	175.00%	8,535	8,042	6.12%
CRCB	1,040	905	14.92%	91	21	333.33%	9	63	-85.71%	6	4	50.00%	1,146	993	15.40%
GYB	2,572	1,815	41.71%	290	273	6.23%	29	104	-72.12%	2	-	N/A	2,893	2,192	31.99%
JRCB	484	559	-13.42%	16	18	-11.11%	49	24	104.17%	2	-	N/A	551	601	-8.36%
WJRCB	581	511	13.70%	23	14	64.29%	16	21	-23.81%	2	4	-50.00%	622	550	13.10%
ZRCB	519	496	4.64%	37	31	19.35%	40	117	-65.81%	6	-1	-700.00%	603	643	-6.16%
PSBC	41,949	41,700	0.60%	4,083	2,963	37.80%	5,796	2,575	125.09%	622	276	125.36%	52,450	47,514	10.39%
CQCB	2,028	2,000	1.40%	410	468	-12.39%	97	6	1516.67%	18	3	500.00%	2,552.13	2,477.00	3.03%
CQRCB	5,109	4,988	2.43%	559	607	-7.91%	-20	-19	5.26%	27	33	-18.18%	5,674	5,608	1.18%
Total	706,579	722,104	-2.15%	241,309	244,361	-1.25%	28,734	35,307	-18.62%	105,367	93,692	12.46%	1,081,988	1,095,463	-1.23%

Source: The banks' 2017 Q1 & 2016 Q1 reports; KPMG China research



Appendix - Net interest margin

	Jan-Mar 2017	Jan-Mar 2016	Rate of change
ICBC	2.11%	2.28%	-0.17%
ССВ	2.13%	2.40%	-0.27%
BOC	1.83%	1.97%	-0.14%
ABC	2.21%	2.40%	-0.19%
BCM	1.60%	2.01%	-0.41%
СМВ	2.43%	2.62%	-0.19%
CNCB	1.79%	2.13%	-0.34%
СМВС	1.87%	2.11%	-0.24%
SPDB	2.26%	3.11%	-0.85%
CIB	2.26%	3.65%	-1.39%
СЕВ	1.85%	2.46%	-0.61%
НХВ	2.33%	2.49%	-0.16%
РАВ	2.53%	2.87%	-0.34%
BOSH	1.37%	1.91%	-0.54%
BOB	2.08%	2.19%	-0.11%
BON	1.83%	2.57%	-0.74%
NBCB	2.14%	2.20%	-0.06%
WRCB	2.08%	2.03%	0.05%
GYB	3.36%	3.49%	-0.13%
JRCB	2.14%	2.52%	-0.38%
PSBC	2.24%	2.35%	-0.11%
СQСВ	2.22%	1.91%	0.31%
CQRCB	2.66%	2.96%	-0.30%
Average	2.14%	2.46%	-0.32%

Note: HZB、BOJS、CRCB、WJRCB、ZRCB did not disclose the relevant data.

Source: The banks' 2017 Q1 & 2016 Q1 reports; KPMG China research



Glossary of abbreviated terms

Bank names

- □ ICBC Industrial and Commercial Bank of China □
- CCB China Construction Bank
- BOC Bank of China
- □ ABC Agricultural Bank of China
- BCM Bank of Communications
- □ CMB China Merchants Bank
- CNCB China CITIC Bank
- □ CMBC China Minsheng Bank
- SPDB Shanghai Pudong Development Bank
- □ CIB Industrial Bank
- CEB China Everbright Bank
- □ HXB Hua Xia Bank Co.,Ltd
- D PAB PingAn Bank Co., Ltd
- BOSH Bank of Shanghai Co., Ltd

- BOB Bank of Beijing Co., Ltd
- □ HZB-Bank of Hangzhou
- BON Bank of Nanjing Co., Ltd
- NBCB Bank of Ningbo Co., Ltd
- □ WRCB-Wuxi Rural Commercial Bank
- BOJS-Bank of Jiangsu
- □ CRCB-Changshu Rural Commercial Bank
- GYB-Bank of Guiyang Co., Ltd
- □ JRCB-Jiangyin Rural Commercial Bank
- U WJRCB-Wujiang Rural Commercial Bank
- □ ZRCB-Rural Commercial Bank of Zhangjiagang
- □ PSBC-Postal Savings Bank of China
- CQCB-Bank of Chongqing
- CQRCB-Chongqing Rural Commercial

General terms

- □ MOF Ministry of Finance
- PBOC People's Bank of China
- CBRC China Banking Regulatory
 Commission
- CSRC China Securities Regulatory
 Commission
- SAFE State Administration of Foreign Exchange
- □ SSE Shanghai Stock Exchange
- SEHK The Stock Exchange of Hong Kong
- SHIBOR Shanghai Interbank
 - Offered Rate
- NIM Net interest margin

NOTE: As at 31 March 2017, there were 25 A-share listed banks. They are ICBC, CCB, BOC, ABC, BCM, CMB, CNCB, CMBC, SPDB, CIB, CEB, HXB, PAB, BOB, BOSH, BON, NBCB, HZB, WRCB, BOJS, CRCB, GYB, JRCB, ZRCB and WJRCB. Among them, ICBC, CCB, BOC, ABC, BCM, CMBC, CNCB, CEB and CMB are listed on both the SSE and SEHK. PAB, NBCB, JRCB and ZRCB are listed on the Shenzhen Stock Exchange. The rest are listed on the SSE.

As at 31 March 2017, there were 12 H-share listed banks. They are Postal Savings Bank of China, China Zheshang Bank, Bank of Jinzhou, Huishang Bank, Shengjing Bank, CRCB, Bank of Tianjin, CQCB, Bank of Qingdao, Bank of Zhengzhou, Harbin Bank and Jinlin Jiutai Rural Commercial Bank. So far, only PSBC, CQCB and CQRCB have disclosed Q1 reports.



Contact us

KPMG China operates in 16 cities across China, with around 10,000 partners and staff in Beijing, Beijing Zhongguancun, Chengdu, Chongging, Foshan, Fuzhou, Guangzhou, Hangzhou, Nanjing, Qingdao, Shanghai, Shenyang, Shenzhen, Tianjin, Xiamen, Hong Kong SAR and Macau SAR.

Our dedicated Financial Services team brings together partners from the Audit. Tax and Advisory practices, and is closely linked to other member firms in the KPMG network.

For more information, contact one of the Financial Services partners listed below.

Simon Gleave

Partner, Regional Head **Financial Services *** : +86(10)8508 7007 ⊠ : simon.gleave@kpmg.com

Arthur Wang

Partner, China Head of Banking ⊠ : arthur.wang@kpmg.com

Thomas Chan

Partner, Financial Services : +86(10)85087014 ⊠ : thomas.chan@kpmg.com

Christine Song

Partner, Financial Services ***** : +86(10)8508 7015 ☐ : christine.song@kpmg.com

Walkman Lee

Partner, Financial Services ***** : +86(10)8508 7043 ⊠ : walkman.lee@kpmg.com

Tracy Zhang

Partner. Tax ***** : +86(10)8508 7509 ⊠ : tracy.h.zhang@kpmg.com

Edwina Li

Partner, Head of **Financial Services Assurance** : +86 (21) 2212 3806 ⊠ : edwina.li@kpmg.com

Tony Cheung

Partner, Head of Advisory, KPMG China Eastern & Western Region 🖀 : +86 (755) 2547 1218 : +86 (21) 2212 2705 ⊠ : tony.cheung@kpmg.com

Kenny Shi

Partner, Financial Services : +86(21)2212 2261 ⊠ : kenny.shi@kpmg.com

James Chen

Partner, Financial Services

- ***** : +86(21)2212 2424
- ⊠ : james.chen@kpmg.com

Kevin Liu

Partner, IT Advisory ***** : +86(21)2212 3980

⊠ : kevin.liu@kpmg.com

Wilson Pang

Partner, Head of China, Portfolio Solutions Group ***** : +86(21)2212 3280

☑ : wilson.pang@kpmg.com

Larry Choi

Partner, Financial Services ***** : +86 (20) 3813 8883 ⊠ : larry.choi@kpmg.com

Ivan Li

Partner, Financial Services ⊠ : ivan.li@kpmg.com

Raymond Li

Partner, Financial Services : +86(10)8508 7114 ⊠ : raymond.li@kpmg.com

Thomas Li

Partner, Tax : +86(10)8508 7574 ⊠ : thomas.li@kpmg.com

Louis Ng

Partner, Transaction Services : +86(10)8508 7096

⊠ : louis.ng@kpmg.com

Egidio Zarrella

Partner, Head of Clients & Innovation ***** : +852 2847 5197

⊠ : egidio.zarrella@kpmg.com

Terence Fond

Partner, Financial Services ***** : +852 2978 8953 ☑ : terence.fong@kpmg.com

Simon Topping

Partner, Regulatory Advisory ***** : +852 2826 7283 ⊠ : simon.topping@kpmg.com

Derrick Dav

Partner, DPP Accounting ***** : +86(10)8508 5008 ⊠ : derrick.day@kpmg.com

Cathy Zhou

Partner, AML and Sanctions **Regulatory Compliance *** : +86(21)2212 3289 ⊠ : cy.zhou@kpmg.com



Mainland China

Beijing

8th Floor, KPMG Tower Oriental Plaza 1 East Chang An Avenue Beijing 100738, China Tel : +86 (10) 8508 5000 Fax : +86 (10) 8518 5111

Fuzhou

Unit 1203A, 12th Floor Sino International Plaza 137 Wusi Road Fuzhou 350003, China Tel : +86 (591) 8833 1000 Fax : +86 (591) 8833 1188

Shanghai

50th Floor, Plaza 66 1266 Nanjing West Road Shanghai 200040, China Tel : +86 (21) 2212 2888 Fax : +86 (21) 6288 1889

Beijing Zhongguancun Room 603. Flat B

China Electronic Plaza No.3 Danling Street Beijing 100080, China Tel : +86 (10) 5875 2555 Fax : +86 (10) 5875 2558

Guangzhou

21st Floor, CTF Finance Centre 6 Zhujiang East Road Zhujiang New Town Guangzhou 510623, China Tel : +86 (20) 3813 8000 Fax : +86 (20) 3813 7000

Shenyang

Macau

Macau

24th Floor, B&C,

Bank of China Building

Tel: +853 2878 1092

Fax: +853 2878 1096

Avenida Doutor Mario Soares

 19th Floor, Tower A
 9th Floor

 Fortune Plaza, 61 Beizhan Road
 Building

 Shenyang 110013, China
 5001 Sh

 Tel : +86 (24) 3128 3888
 Shenzhe

 Fax : +86 (24) 3128 3899
 Tel : +86

Shenzhen

Hangzhou

Chengdu

17th Floor, Office Tower 1, IFS

No. 1, Section 3 Hongxing Road

Chengdu, 610021, China

Tel: +86 (28) 8673 3888

Fax: +86 (28) 8673 3838

12th Floor, Building A

280 Minxin Road

Ping An Finance Centre

Hangzhou, 310016, China

Tel: +86 (571) 2803 8000

Fax: +86 (571) 2803 8111

9th Floor, China Resources Building 5001 Shennan East Road Shenzhen 518001, China Tel : +86 (755) 2547 1000 Fax : +86 (755) 8266 8930

Chongging

Unit 1507, 15th Floor Metropolitan Tower 68 Zourong Road Chongqing 400010, China Tel : +86 (23) 6383 6318 Fax : +86 (23) 6383 6313

Nanjing

46th Floor, Zhujiang No.1 Plaza 1 Zhujiang Road Nanjing 210008, China Tel : +86 (25) 8691 2888 Fax : +86 (25) 8691 2828

Tianjin

Unit 06, 40th Floor, Office Tower Tianjin World Financial Center 2 Dagu North Road Tianjin 300020, China Tel : +86 (22) 2329 6238 Fax : +86 (22) 2329 6233

Foshan

8th Floor, One AIA Financial Center 1 East Denghu Road Foshan 528200, China Tel : +86 (757) 8163 0163 Fax: +86 (757) 8163 0168

Qingdao

4th Floor, Inter Royal Building 15 Donghai West Road Qingdao 266071, China Tel : +86 (532) 8907 1688 Fax : +86 (532) 8907 1689

Xiamen

12th Floor, International Plaza 8 Lujiang Road Xiamen 361001, China Tel : +86 (592) 2150 888 Fax : +86 (592) 2150 999

Hong Kong SAR and Macau SAR

Hong Kong

8th Floor, Prince's Building 10 Chater Road Central, Hong Kong 23rd Floor, Hysan Place 500 Hennessy Road Causeway Bay, Hong Kong Tel : +852 2522 6022

Fax : +852 2845 2588

kpmg.com/cn

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