

## UBS Global I/O

# Global Banks Reality Check

## A preference for EM banks over DM banks

### Equities

#### Global Banks

#### Q4 in-house survey – improved sentiment in emerging markets

As we enter the final quarter of the year, sentiment towards the banking sector has improved slightly with 35% of respondents in our global in-house banking survey positive on the banking outlook (up from 33% a quarter earlier) versus 33% with a cautious view. The improvement in overall sentiment was driven by emerging market (EM) banks where 36% of respondents have a positive view (up from 33%), while the positive stance for developed market (DM) banks was unchanged, at 33%.

#### DM: Better fundamentals; NIM pressure remains key risk

In DM, the banking picture has improved slightly in the quarter with prospects for loan growth and NPL prospects better, albeit still skewed to the downside. The key area of risk remains net interest margins (NIM) where 47% of respondents see downside risk versus 20% that see upside potential, although the risk to earnings is now balanced. Downside earnings risk is seen in Australia, Germany and Japan, while upside risk is seen in Austria, Spain and the US (brokers and universal banks).

#### EM sentiment better; NPL/earnings inflection?

In EM, sentiment improved further – the first time since March 2015 that it was not negatively skewed. Expectations also improved on loan growth with 24% seeing upside risk (from 17%) and NIM (24% see upside risk from 21%). Furthermore, for the second consecutive quarter, NPL risk has been positively skewed with 40% seeing lower NPLs versus 24% seeing upside risk. In the past three months, earnings momentum has turned positive, culminating in 2016 ROE rising to 15.1% from 14.5% three months earlier.

#### Headwinds to persist; preference for EM over DM

While sentiment towards the sector has improved slightly, earnings momentum remains firmly negative (over the past 12 months, we have cut sector EPS estimates by 16.1% (2016) and 18.4% (2017)) with the key driver being margin pressure – a risk considerably greater in DM. Reflecting our survey findings, we reiterate our preference for EM banks over DM banks, and within DM, our preference for US banks over EU banks. Top picks: BRI, Citizens, ING, Itau, HDFC Bank, Key, Lloyds, MUFG, Sberbank and Westpac.

#### Philip Finch

Strategist

philip.finch@ubs.com

+44-20-7568 3456

#### Peter Carter

Analyst

peter.carter@ubs.com

+44-20-7568 4043

#### Brennan Hawken, CPA

Analyst

brennan.hawken@ubs.com

+1-212-713 9439

#### Shinichi Ina

Analyst

shinichi.ina@ubs.com

+81-3-5208 6227

#### Jonathan Mott

Analyst

jonathan.mott@ubs.com

+61-2-9324 3864

#### Jason Napier, CFA

Analyst

jason.napier@ubs.com

+44-20-7568 5037

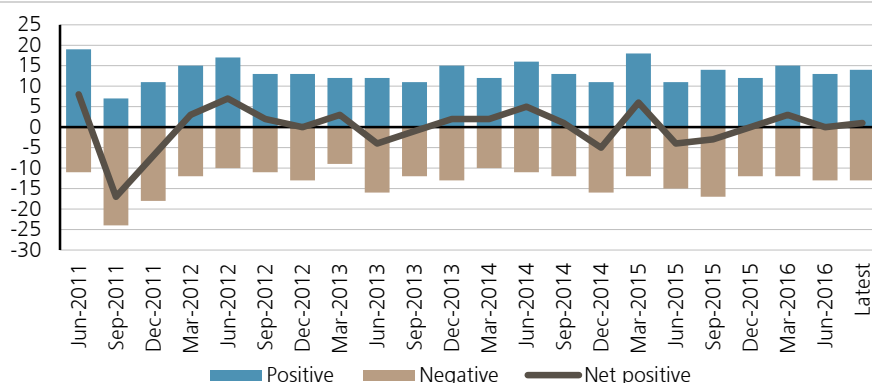
#### Mikhail Shlemov

Analyst

mikhail.shlemov@ubs.com

+44-20-7568 3495

Figure 1: Evolution of UBS global banking analysts' outlook over time



Source: UBS estimates

[www.ubs.com/investmentresearch](http://www.ubs.com/investmentresearch)

This report has been prepared by UBS Limited. **ANALYST CERTIFICATION AND REQUIRED DISCLOSURES BEGIN ON PAGE 35.** UBS does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

# Global Banks

UBS Research THESIS MAP MOST FAVOURED

LEAST FAVOURED

**BRI, Citizens, ING, Itau, HDFC Bank, KEY, Lloyds, MUFG, Sberbank, Westpac**

**CIB, Commerz, Deutsche, Handelsbanken, NAB, Komerčni, Standbank, Wells, Zions, Yes**

## PIVOTAL QUESTIONS

### Q: Are central banks running out of policy tools to boost lending?

Central banks globally have cut policy rates, and undertaken asset purchases and other lending initiatives, yet credit demand remains anaemic. Other policy measures, such as negative interest rates in Europe, Japan and Sweden, have lowered asset yields, and put pressure on margins and profitability. It is unclear what alternative policy tools are left for policymakers to stimulate economic growth.

### Q: What could "Basel 4" rules mean for banks?

The Basel committee is expected to publish a proposal, possibly by early next year, outlining revisions to the standardised approach to credit risk and capital floors related to risk-weightings derived from IRB models, in an attempt to harmonise credit risk weightings. An analysis of credit risk weightings suggests risk weighted asset (RWA) density is lowest in Europe (ex UK) at 34% and Japan (32%), and highest in the US at 67%.

### Q: Have EM banks' NPLs and earnings reached inflection points?

According to our 4Q16 in-house banking survey, we are seeing an inflection point in the NPL outlook for EM banks, after three years of pessimism, with 40% of respondents seeing lower NPLs versus 24% seeing upside risk. In the past three months, we have also seen positive earnings momentum among EM banks, culminating in 2016E ROE rising to 15.1% from 14.5% three months earlier.

## WHAT'S PRICED IN?

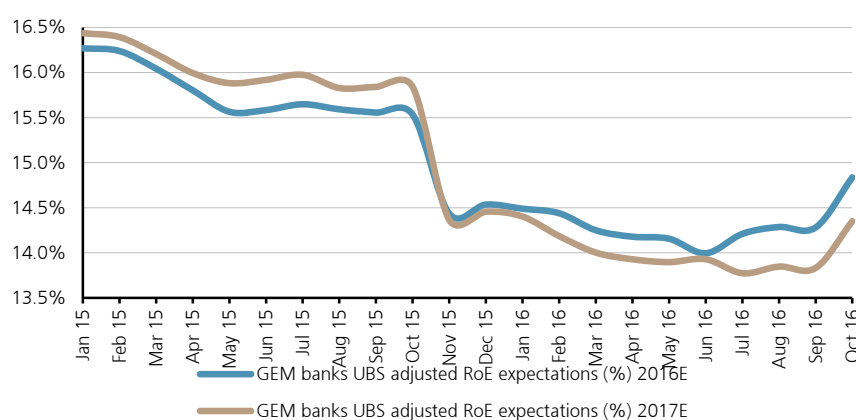
**Current valuations suggest the market is expecting a 14% fall in earnings:** The market remains concerned about the sector earnings risks (year-to-date, our 2016 EPS estimates for global banks have been downgraded already by an average of 6.4%) and appears to be pricing in a 14% fall in earnings next year. Looking ahead, we believe this risk is highest in developed markets, given ongoing margin pressure from prevailing policy rates.

## UBS VIEW

**The fundamental outlook for banks continues to be challenging.** Our latest in-house survey finds that margin risk remains to the downside and loan growth expectations continue to be negatively skewed, although NPL expectations have improved, notably in emerging markets. While global sector performance this year has been poor (down 4.2% in US dollars year-to-date), until we see evidence of positive earnings momentum (notably in DM), we are unlikely to become constructive.

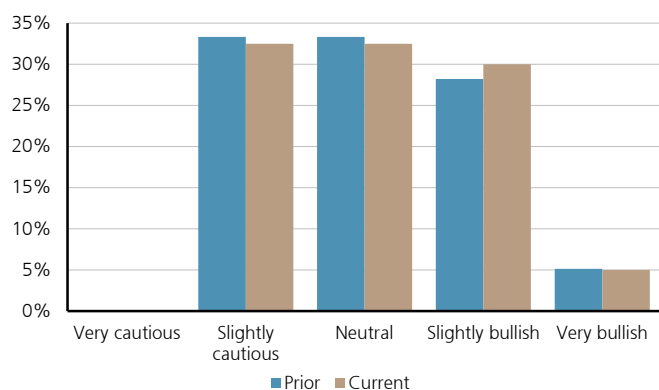
## EVIDENCE

### EM banks' ROE expectations

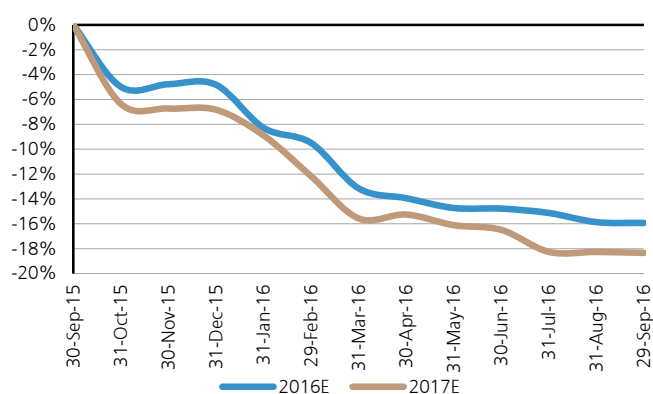


Source: UBS estimates

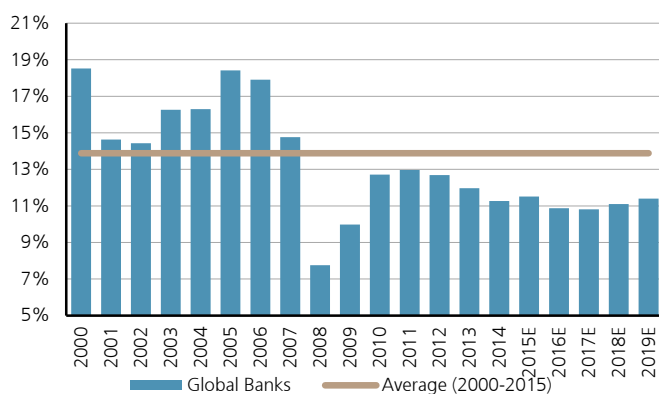
## OUR THESIS IN PICTURES

[return](#) ↑

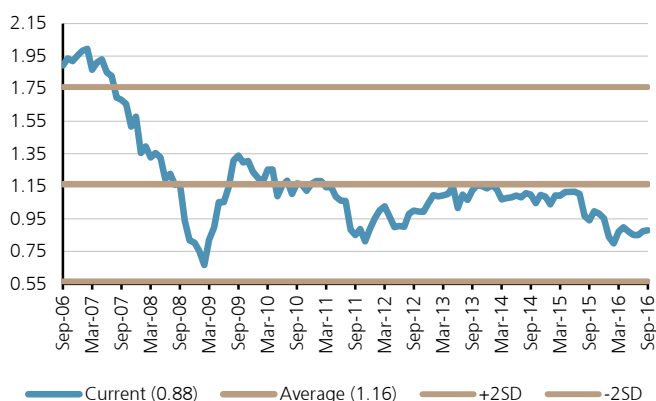
Our latest banking survey shows sentiment towards the banking sector is slightly more positive than previously



Over the past year, UBS 2016 EPS growth expectations for global banks have come down by 16.1%, while those for 2017 have fallen 18.4%



Global banks' ROE has declined over the past five years. RoEs are currently forecast by UBS at 10.9% in 2016 versus an historical average of 13.9%



Reflecting falling ROE expectations, based on consensus estimates, global banks now trade at 0.85x (1-year forward) PBV – well below the historical average of 1.16x PBV

Sources for exhibits above: UBS, I/B/E/S MSCI Aggregates, Thomson Financials DataStream

# Executive summary

## Sentiment skewed slightly positively

According to the results of our latest in-house banking survey, sentiment towards the banking sector is almost unchanged since our last survey and remains skewed slightly toward being positive. In our last survey, there had been a notable deterioration in DM sentiment post the UK Referendum. Since then, the Federal Reserve has been reducing rate hike expectations, the Japanese central bank has announced more unorthodox policy measures to try to invigorate inflation and growth, while, in Europe, the ECB is adamant that QE tapering is not on the cards despite recent media chatter.

While the percentage of respondents with a positive view on the sector outlook climbed slightly to 35% (33% a quarter earlier), this only marginally exceeds the percentage of respondents with a cautious view (33%). The positive skew was driven by the 5% of respondents holding a very bullish stance, while no respondents currently hold a very cautious view.

## Developed market outlook is slightly positive

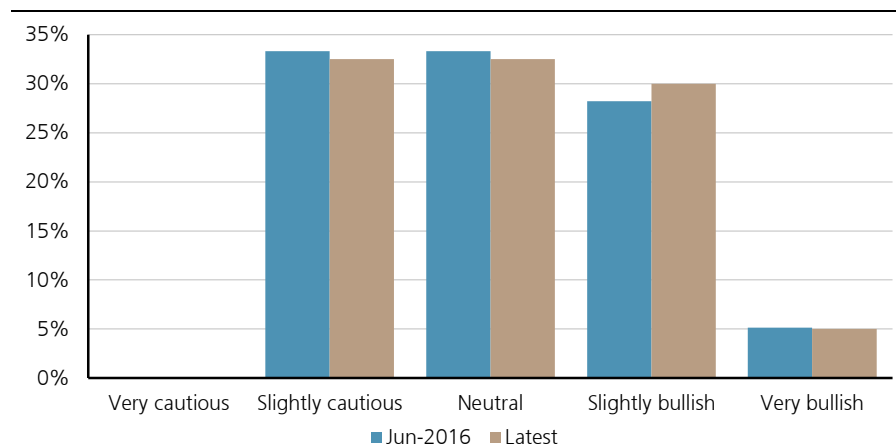
In developed markets (DM), sentiment remains skewed slightly positive. The proportion of respondents with a negative view remains at 27% (unchanged from the previous survey), while respondents with a positive outlook also remained at 33%. As in our previous survey, there are no respondents with a very bullish view. By country, we are slightly cautious on Australia, Austria, Germany and Spain, while we are slightly bullish on Benelux, France, Italy, Nordic and the US (regionals).

Given further policy measures, sentiment towards banking outlook slightly more positive

In DM, we are slightly cautious on Australia, Austria, Germany and Spain...

...but slightly bullish on Benelux, France, Italy, Nordic and the US (regionals)

Figure 2: What best describes your view on the outlook for your sector?



Source: UBS estimates

## EM outlook better, now neutral

In EM, the number of respondents with a negative view improved to 36% from 38% in the previous survey, while the number of respondents having a positive view on the outlook also improved to 36% (previously 33%), including 8% of respondents now having a very bullish outlook (previously none).

After three years of negative sentiment, we now have a neutral stance on EM banks

Countries showing notable positive changes in sentiment include Brazil (upgraded to overweight), given expectations of a turnaround in macro indications, progress on economic reforms with the focus on a cap on government spending, and early signs of improvements in asset quality. In addition, we are more constructive on Hungary where we are now very bullish after previously being slightly bullish, due to a solid macroeconomic environment, a restarting credit cycle and low CoR, given strong deleveraging.

**Upgrading Brazil to overweight; very bullish on Hungary...**

In contrast, we have become more cautious on banks in the Czech Republic where we are now slightly cautious (weak fee income and rising provisions). We would also highlight Mexico, which we have downgraded one notch to neutral – the first time that we have been neutral on Mexico since March 2012. Our less constructive view on Mexican banks is primarily driven by external factors, such as Peso weakness and our expectations for valuations as we approach the US elections on 8 November, while we believe banking fundamentals remain sound.

**...but more cautious on Czech, and now neutral on Mexico**

## Views on fundamentals

- **Loan growth expectations have improved:** The overall picture for loan growth has improved somewhat compared with the previous survey, but is still skewed to the downside. In this survey, 20% of respondents (previously 10%) believe there is upside risk to loan growth forecasts, while 25% (previously 49%) believe there is downside risk.
  - **In developed markets,** there has been a sharp reduction in the proportion of respondents seeing downside risk to loan growth (20% compared with 73% previously), along with a considerable increase in the number of respondents seeing upside risk (to 13% from 0% previously), albeit the outlook remains skewed to the downside. Developed markets where downside risk is perceived are Australia, Switzerland, and the US (regionals), while upside risk is seen in Austria and Spain.
  - **In emerging markets,** there has been a small improvement in the proportion of respondents seeing upside risk to loan growth (24% compared with 17% previously), while the percentage of respondents seeing downside risk has declined to 28% (versus 33% previously). Upside risk to loan growth is expected in Argentina, China, Colombia, Hungary, Peru and Philippines, and downside risk in Georgia, Indonesia, Malaysia, Singapore, South Africa, Thailand and Turkey.
- **NIM outlook still skewed to the downside:** In our latest survey, only 23% of respondents see upside risk to NIMs, versus 33% who see downside potential. This compares with a more negative outlook in the previous survey, when 15% of respondents expected upside potential, while 46% saw downside risk.
  - **For developed markets,** the view remains skewed to the downside, with 20% of respondents seeing upside risk to NIMs (7% previously) but 47% seeing downside risk (previously 60%). Developed markets seeing upside risk to NIM are Israel, US brokers and US regionals, while those seeing downside risk include Australia, Germany, Ireland, Italy, Japan, Spain and Switzerland.
  - **In emerging markets,** the outlook is balanced with 24% of respondents seeing downside risk to NIMs (compared with 38% in the previous survey), while 24% see upside risk (versus 21% previously). EM respondents seeing

**Loan growth expectations have improved, but remain skewed to the downside**

**NIM risk still skewed to the downside, reflecting falling rate expectations and the prospects for more QE**

downside risk are in Argentina, Chile, Czech Republic, India, Malaysia and Thailand, while respondents seeing upside risk are in China, Colombia, Kazakhstan, Mexico, Philippines and Singapore.

- **Better NPL expectations:** Expectations on the outlook for NPL levels have improved slightly, and are now positively skewed, with 23% (versus 38% previously) seeing the risk of higher NPLs, versus 30% seeing downside risk (33% previously).
  - **In developed markets,** the aggregate picture has improved, but remains negative with 20% (versus 53% previously) of respondents seeing the risk of NPLs being higher than currently forecast, and 13% seeing downside risk (previously 20%). In the survey, we see higher NPL risk in Australia, Spain, and the US (regionals), and lower NPL risk in Austria and Ireland.
  - **In emerging markets,** respondents are now positive in their view of the outlook for NPL levels, with 40% seeing downside risk to forecast NPLs (42% previously) and only 24% (29% previously) seeing upside risk. Downside risk to NPLs was seen in Brazil, Chile, Colombia, Hungary, India, Kazakhstan, Mexico, Peru, Poland and Thailand, while upside risk was seen in the Arab Emirates, Korea, Malaysia, Singapore, South Africa and Turkey.
- **Earnings risk now more balanced:** Our analysts are now balanced on risks to earnings forecasts in aggregate for the next 12 months, with 28% seeing upside risk to earnings forecasts and 28% seeing downside risk. Overall, this is a significant improvement compared with the previous survey, where 23% of respondents saw upside risk to earnings and 33% saw downside risk.
  - **In developed markets,** the earnings outlook has improved and is now balanced with 20% seeing upside risk (previously none) versus 20% seeing downside risk to earnings (from 47% previously). The downside risk is seen in Australia, Germany and Japan, and the upside risk is seen in Austria, Spain and the US (brokers and universal banks).
  - **In emerging markets,** 32% of respondents now see downside risk to earnings (compared with 25% in the previous survey), while 32% see upside risk (38% previously). Upside risk is anticipated in China, Colombia, Georgia, Hungary, Kazakhstan, Mexico, Peru and Russia, while downside risk is seen in the UAE, Argentina, Czech Republic, Malaysia, Singapore, South Africa, Taiwan and Thailand.

**20% of DM respondents see the risk of higher NPLs**

**In EM, we are seeing an inflection point in the NPL outlook, after three years of pessimism**

**Respondents see earnings risk equally balanced**

## Views on valuations

Global banking sector performance has been highly volatile, staging a significant rally in Q3. Since the start of 2016, the global banking index is down 4.2% (in US dollars), underperforming global equities by 8.3%. In 2015, global banks were down 11.8%, underperforming global equities by 7.9%.

Given this, the majority of respondents considered their covered banks to be either fairly valued (60%, versus 33% in the previous survey) or cheap/very cheap (35%, down from 59% previously).

**The sector is largely considered to be between fair value and/or cheap**

## Investment strategy

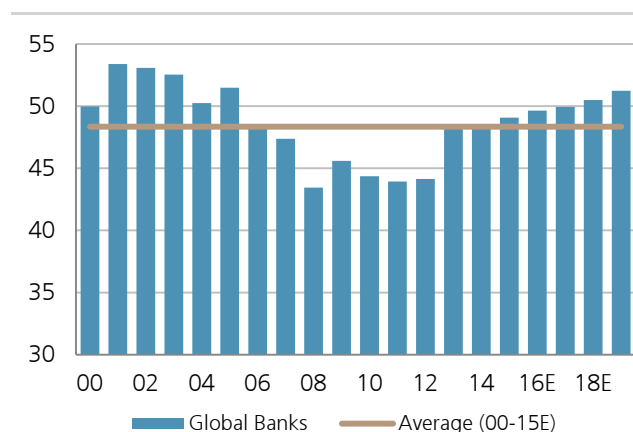
As we move into the fourth quarter of the year, challenges to the banking sector look set to persist. Two key themes dominate the sector: (1) the implications of global deflation for bank margins, as policy makers struggle to stimulate inflation and growth; and (2) renewed regulatory risk, notably regarding credit risk weightings, informally referred to as Basel IV.

Policy announcements by the Bank of Japan (BOJ) and the Federal Reserve suggest global deflation continues to be a key policy concern. In Japan, it remains to be seen how stable the yield curve will be following the BoJ's recent change in its policy framework to control the yield curve, while in the US, rate expectations appear to be coming down with the Fed hinting at a much more dovish outlook for short-term rates.

In Europe, despite media chatter, the ECB is adamant that QE tapering is not on the cards, although it has yet to confirm an extension to the current €80bn/month bond-purchase programme, due to finish in March 2017. From a bank fundamental perspective, deflation and/or a prolonged period of low-inflation/low-growth implies further pressure on bank margins as well as subdued credit demand, undermining the earnings power of the banking industry.

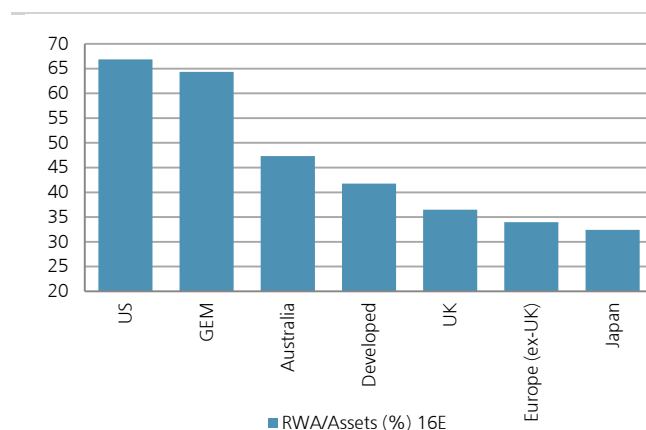
**Two key themes for banks:  
deflation risk and Basel IV rules**

**Figure 3: Global banks RWA/assets trends (%)**



Source: UBS estimates. Note: Based on aggregated US\$ RWA and asset values for the UBS banking research universe

**Figure 4: Regional RWA/assets comparison (%)**



Source: UBS estimates. Note: Based on aggregated US\$ RWA and asset values for the UBS banking research universe

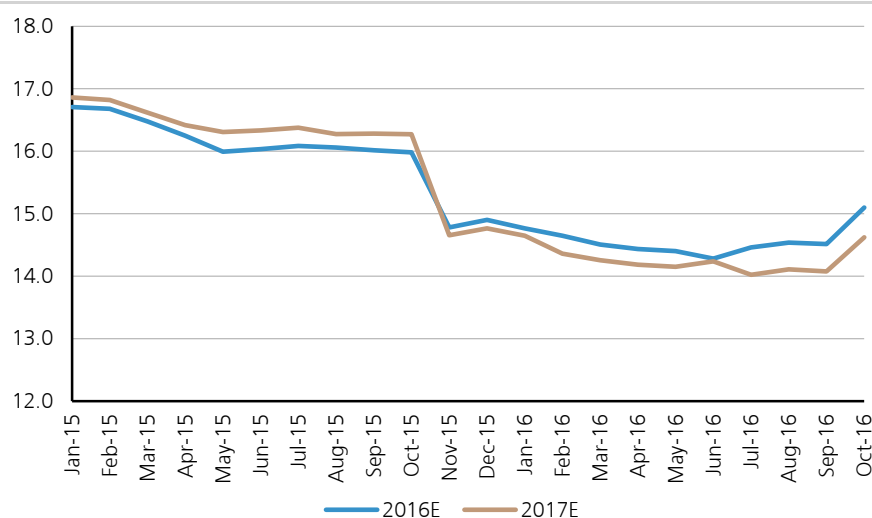
On the regulatory front, the key focus relates to the inconsistencies in the credit risk weightings used by banks in different parts of the world to calculate core capital ratios. The Basel committee is expected to publish a proposal, possibly at the year-end or early next year, to revise the standardised approach for credit risk and capital floors related to risk-weightings derived from IRB models, in an attempt to harmonise credit risk weightings.

Our latest in-house survey shows sentiment towards the banking sector has remained almost unchanged following a notable deterioration in the previous quarter post the UK Referendum, although the fundamental outlook has improved slightly with earnings risk now more balanced. Notwithstanding this, earnings momentum for global banks has remained in negative territory: over the past 12 months, we have cut our estimates for the sector by 16.1% for 2016 EPS and 18.4% for 2017 EPS.

A key driver for these downgrades has been margin pressure arising from the prevailing interest rate environment, with the risk considerably greater for banks in developed markets. While EM banks also face challenges, fundamentals appear to be under less pressure with the survey suggesting a favourable NPL outlook for the first time in three years. In the past three months, we have also seen positive earnings momentum among EM banks, culminating in 2016 ROE rising to 15.1% from 14.5% three months earlier. As such, we now have a relative preference for EM banks over DM banks.

**EM banks are returning to positive earnings momentum**

**Figure 5: EM banks – an inflection in ROE expectations? (%)**



Source: UBS estimates

## A preference for EM banks over DM banks

In our last quarterly publication, we upgraded EM banks from underweight to neutral within a global banking benchmark. While we have yet to go overweight, we do have a clear preference for EM banks over DM banks. Fundamental headwinds persist with credit demand remaining fragile, but we are encouraged by our in-house response on asset quality that suggests an inflection point in the asset quality outlook for the first time in three years. In other words, while EM banks have yet to move into a new credit cycle that would make us constructive on the sector, the late-cycle characteristics that have been weighing on sentiment and profitability have started to ease.

**EM banks: An inflection point in the NPL outlook**

Sector valuations have been depressed for a while, but with fundamental concerns easing, we think they are now more realistic. The sector trades on 7.6x PE, 1.0x PBV with ROE at 15.1%, based on 2016 estimates. Adjusted for Chinese banks that trade on even more depressed multiples, skewing EM bank valuation aggregations, the sector trades on 11.3x PE, 1.3x PBV with ROE at 14.6%, which we view as fair. Moreover, as the developed market world moves towards lower rates and deflation, EM banks' 2016E dividend yields of 3.8%, backed by a strengthening currency, could also appeal to investors in their search for yield.

At the country level, we **upgrade Brazilian banks** to overweight (from neutral), given expectations of a turnaround in macro indications, progress on economic reforms with the focus on a cap on government spending, and early signs of improvements in asset quality. We are also overweight banks in Russia (improving asset quality and higher oil prices), Hungary (resumption of loan growth, lower

**Upgrading Brazilian banks to overweight; also overweight in Russia, Hungary, Indonesia and India...**



rates/COE), Indonesia (improving macro conditions bode well for asset quality), and India (NPL close to peaking with recognition accelerating).

In contrast, we **downgrade Mexican banks to neutral** from overweight in light of uncertainties over the US elections and FX volatility that could weigh on sector fundamentals. We are also underweight banks in the Arab Emirates (higher deposit costs from oil price volatility, COR at cyclical lows), Argentina (NIM pressure, falling ROE), Czech Republic (weak fee income and rising provisions), Korea (heavy NPL pressure, Basel 4 capital constraints) and South Africa (weak macro/fundamentals). Our list of most preferred global banks features four EM banks: **Itau, Sberbank, BRI and HDFC Bank**.

...but downgrading Mexican banks to neutral; cautious in Argentina, Czech, Malaysia, Korea and South Africa

## Remaining underweight on European banks

We reaffirm our underweight stance on European banks, given continued headwinds to margins and earnings arising from the prevailing low growth/low inflation environment. Despite the recent steepening of the yield curve, risk-free rates are still low, suggesting to us that the re-investment of sovereign bond positions at today's rates will affect forward earnings, so that consensus expectations of a rebound in NII next year is too optimistic (see Jason Napier's publication [No country for loan men II](#)).

We see no evidence that regulation is going to be relaxed (see Daniel Brupbacher's [What if Basel 4 is not an 'ugly rumour'?](#)) and few signs that bank sector valuations already discount the capital deficit that would emerge if the current proposals were enacted, as underpinned by the latest market concerns over Deutsche Bank ([Short-term headwinds intensifying](#)).

Earnings momentum in Europe is not only the weakest globally, but continues to fall further into negative territory. Over the past 12 months, our European banking team has cut its 2016E EPS by 29.7% and that for 2017E by 30.9%. Given prospects of further top-line revenue pressure at a time when banks are already struggling to deliver on existing cost commitments, we see more downside risk to earnings estimates, as highlighted in our latest in-house banking survey. We maintain the same three European names in our global banks least preferred list: **Commerzbank, Deutsche** and **Handelsbanken** while we have also added **Standard Chartered**.

**Figure 6: Global banks – regional preferences**

**Figure 7:**

Region	Rating	UBS comments
US	Overweight	GDP growth to recover in 2017, superior to most developed countries, with more rate hikes expected.
		Stress test/CCAR underlines balance sheet strength and capital returns upside.
		Preference for regionals over brokers/universal banks; top picks: KEY (fee revenue cushion); Citizens Financial (earnings recovery).
EM	Neutral	Macro uncertainties persist, but Fed hike likely to be more modest; FX gains, while banking yields more attractive in EM.
		Loan growth expectations still coming down, but inflection point in NPLs/provisions outlook, culminating in positive earnings momentum
		O/W: Brazil, Russia, Indonesia, Hungary and India; U/W: Argentina, Czech Rep, Korea, South Africa, and UAE.
Japan	Neutral	Focus on BOJ's yield curve policy, and implications for macro growth and banks' margins/earnings.
		Credit cost to remain low, but NIM pressure from rate policy; stable dividends by improving pay-out ratios
		Sector fairly valued. Top pick: MUFG (revenue diversification).
Australia	Neutral	Housing credit growth coming off its peak, with margin pressure from increased competition; asset quality remaining benign.
		Banks likely to face further capital raises in 2017 following announcement of Basel 4.
		Flight to safety: attractive yields; preference for mortgage lenders – top pick: Westpac.
Europe	Underweight	Prevailing low/negative rates weighing on NIM/earnings outlook.
		New rules on credit risk weightings (Basel 4) likely to raise renewed balance sheet uncertainties.
		Further EPS downgrade to depress valuations. Least preferred stocks: Commerzbank, Deutsche and Handelsbanken.

Source: Source: UBS estimates

## Overweight US banks

We remain overweight US banks with a preference for regional banks over brokers and universal banks. Given increasing market optimism over the interest rate outlook on the back of improving macro data, prospects for bank interest margins are more supportive and compare favourably with those in other regions. Although C&I growth is slowing, consumer lending is improving and with higher rates, underpinning the revenue picture, while asset quality continues to be benign. Costs will remain an important focus area with more banks expected to announce cost reduction programmes in an effort to bolster efficiency. Overall, we think earnings risks for US banks have receded with the forthcoming 3Q16 results likely to meet earnings expectations.

At a time when the market is focusing on the potential implications of new rules on credit risk weightings for banks globally, US banks continue to excel on the capital front. Over the summer, every US bank passed the latest stress test as well as the subsequent Comprehensive Capital Analysis and Review where capital returns increased nearly across the board and were largely better than expected ([click here to see Brennan Hawken's publication](#)). In our view, US banks have demonstrated strengthened capital positions and improved risk management capacities, while offering capital deployment upside potential for investors.

On the domestic regulatory front, we continue to see positive signs as the regulatory environment seems to be no longer deteriorating. Also, capital pressure at European bulge-bracket investment banks could present an opportunity for US banks to gain greater share in their securities businesses. Reflecting our preference for regional banks, our global banks preferred list includes **KEY** (fee revenue cushion) and **Citizens Financial** (an earnings recovery story that can grow earnings with or without higher rates).

**A preference for regionals over brokers**

**Figure 8: Global banks – UBS top picks**

	Rating	Market Cap (US\$m)	UBS Adj PE		Price / Book		UBS Adj RoE (%)		Net Div Yield	
			16E	17E	16E	17E	16E	17E	16E	17E
Most preferred										
Bank Rakyat Indonesia	Buy	23,479	12.8x	11.3x	2.2x	1.9x	18.8%	17.8%	2.5%	2.5%
Citizens Financial Group	Buy	13,592	13.9x	12.0x	0.7x	0.6x	4.9%	5.4%	1.8%	2.1%
HDFC Bank	Buy	48,383	21.3x	16.6x	3.8x	3.3x	19.4%	21.2%	0.9%	1.2%
ING	Buy	48,653	9.9x	9.0x	0.9x	0.8x	9.0%	9.6%	6.0%	6.7%
Itau Unibanco	Buy	69,895	10.9x	9.8x	1.9x	1.7x	18.8%	18.6%	3.2%	3.6%
KeyCorp	Buy	10,728	11.6x	10.2x	0.9x	0.9x	7.9%	8.7%	2.6%	2.9%
Lloyds Banking Group	Buy (CBE)	49,466	7.7x	9.2x	0.9x	0.9x	12.3%	10.0%	5.5%	7.3%
Mitsubishi UFJ Financial Group	Buy	69,099	7.1x	7.4x	0.4x	0.4x	6.4%	5.8%	3.6%	3.8%
Sberbank	Buy	53,536	6.4x	5.4x	1.2x	1.0x	20.2%	20.1%	3.1%	3.6%
Westpac Banking Corporation	Buy	76,862	13.2x	13.0x	1.7x	1.7x	14.0%	13.5%	6.2%	6.4%

Source: UBS estimates. Note: Closing prices as at 6 October 2016

## Neutral Australia and Japan

**Australia:** Our neutral stance partly reflects the healthy structure of the Australian banks industry. In the past, much of the NIM pressure has been passed to customers via mortgage re-pricing. However, as has been seen over the past six months, competition has intensified and mortgage re-pricing has been less sticky than in the past. So, it appears as though pressures on margins will continue.

Housing credit growth is coming off its peak (business has also slowed recently) and bad debt charges are normalising, but not running away. However, banks are likely to face further capital raises in 2017 following the announcement of Basel 4 and APRA's interpretation of "unquestionably strong" capital levels.

Near term, we could see some flight to safety in the Australian banks, especially given dividend yields at about 6.1%, while PE valuations are reasonable, given multiples at 12.7x – reasonable levels for the Australian banks. Overall, we continue to prefer the mortgage banks, due to their strong franchises, asset quality and organic capital generation, and include **Westpac** in our global banks preferred list.

**Japan:** We believe the biggest problem facing Japanese banks today is the super-low interest rate environment, which is exacerbated by the BoJ's negative interest rate policy. Even though the BoJ's recent change in its policy framework to yield curve control could contribute a more stable yield curve, we still see downside risk to net interest income. Rising USD Libor is also a negative factor for major banks' net interest income.

We assume earnings decline in FY16 for many major banks, but we think the market has not fully discounted the earnings downside risk. On the other hand, we believe there are no major downside risks to their shareholders' returns and their dividend yield-based valuations are becoming more attractive.

We include **MUFG** in our global banks preferred list, given its better capital position and higher shareholder return level, including share buybacks. Other than shareholder return, given the current tough environment for revenue growth, we think cost reduction should play a big role for earning growth. A reduction in branch networks could be one of the big themes going forward.

**Neutral on Australian banks:**  
Despite ongoing fundamental pressure, attractive dividends underpin defensive qualities

**Neutral on Japan: Focus on negative interest rates**

**Figure 9: GEM banks – UBS top picks**

	Rating	Market Cap	UBS Adj PE		Price / Book		UBS Adj RoE (%)		Net Div Yield	
		(US\$m)	16E	17E	16E	17E	16E	17E	16E	17E
Most preferred										
Banco Davivienda	Buy	4,429	7.8x	7.2x	1.3x	1.2x	17.7%	17.1%	3.0%	4.4%
Bank Rakyat Indonesia	Buy	23,479	12.8x	11.3x	2.2x	1.9x	18.8%	17.8%	2.5%	2.5%
Banorte	Buy	15,350	15.2x	12.9x	2.0x	1.8x	13.6%	14.5%	1.3%	2.3%
Credicorp	Buy	11,669	11.7x	10.0x	2.0x	1.8x	19.0%	20.1%	2.0%	5.0%
HDFC Bank	Buy	48,383	21.3x	16.6x	3.8x	3.3x	19.4%	21.2%	0.9%	1.2%
Industrial & Commercial Bank of China	Buy	234,938	5.6x	5.5x	0.8x	0.7x	15.2%	14.0%	5.4%	5.5%
Itau Unibanco	Buy	69,895	10.9x	9.8x	1.9x	1.7x	18.8%	18.6%	3.2%	3.6%
OCBC	Buy	26,074	11.0x	11.1x	1.0x	1.0x	9.7%	9.2%	4.4%	4.6%
OTP Bank Nyrt	Neutral	7,244	12.4x	10.2x	1.5x	1.3x	13.4%	14.5%	2.7%	3.2%
Sberbank	Buy	53,536	6.4x	5.4x	1.2x	1.0x	20.2%	20.1%	3.1%	3.6%

Source: UBS estimates. Note: Closing prices as at 6 October 2016

**Figure 10: Global banks – least preferred stocks**

	Rating	Market Cap	UBS Adj PE		Price / Book		UBS Adj RoE (%)		Net Div Yield	
		(US\$m)	16E	17E	16E	17E	16E	17E	16E	17E
Least preferred										
Bancolombia	Sell	9,149	10.8x	10.4x	1.4x	1.3x	13.2%	13.2%	3.0%	2.8%
Commerzbank	Neutral	7,984	9.9x	8.1x	0.2x	0.2x	2.5%	3.0%	1.7%	1.7%
Deutsche Bank	Neutral	18,507	+ve	6.8x	0.3x	0.3x	0.1%	3.9%	0.0%	3.2%
Handelsbanken	Sell	26,719	14.1x	14.6x	1.8x	1.7x	12.6%	11.9%	4.2%	4.8%
Komerční Banka	Neutral	6,777	13.3x	14.7x	1.6x	1.6x	12.2%	10.8%	4.5%	4.1%
National Australia Bank	Neutral	56,432	11.8x	12.0x	1.6x	1.5x	13.1%	13.4%	7.0%	6.4%
Standard Chartered	Sell	27,107	36.3x	19.1x	0.6x	0.6x	1.7%	3.2%	0.0%	2.4%
Wells Fargo & Company	Sell	228,091	11.3x	11.3x	1.2x	1.2x	11.5%	10.8%	3.4%	3.5%
YES Bank	Sell	8,018	20.2x	18.8x	3.4x	3.0x	18.0%	16.8%	0.9%	0.9%
Zions Bancorporation	Sell	6,498	16.5x	14.4x	0.9x	0.9x	5.7%	6.2%	0.9%	1.1%

Source: UBS estimates. Note: Closing prices as at 6 October 2016

**Figure 11: GEM banks – least preferred stocks**

	Rating	Market Cap	UBS Adj PE		Price / Book		UBS Adj RoE (%)		Net Div Yield	
		(US\$m)	16E	17E	16E	17E	16E	17E	16E	17E
Least preferred										
BBVA Banco Frances SA	Sell	3,687	11.9x	12.2x	3.4x	2.8x	30.8%	28.4%	1.7%	2.0%
Bancolombia	Sell	9,149	10.8x	10.4x	1.4x	1.3x	13.2%	13.2%	3.0%	2.8%
Industrial Bank of Korea	Neutral	6,877	6.5x	7.2x	0.4x	0.4x	6.9%	5.7%	4.0%	4.2%
Komerčni Banka	Neutral	6,777	13.3x	14.7x	1.6x	1.6x	12.2%	10.8%	4.5%	4.1%
Standard Bank Group Ltd	Sell	16,881	9.9x	9.1x	1.5x	1.4x	15.8%	16.4%	5.1%	5.6%
United Overseas Bank	Neutral	22,225	10.8x	11.0x	1.0x	1.0x	9.7%	9.2%	4.2%	4.5%
VTB	Sell	14,601	54.8x	15.0x	0.6x	0.6x	1.1%	4.1%	2.5%	3.1%
Vakıfbank	Sell	3,806	5.4x	5.0x	0.6x	0.5x	12.0%	11.5%	0.7%	0.7%
Woori Bank	Sell	6,931	7.2x	8.9x	0.5x	0.4x	6.6%	5.1%	2.6%	2.6%
YES Bank	Sell	8,018	20.2x	18.8x	3.4x	3.0x	18.0%	16.8%	0.9%	0.9%

Source: UBS estimates. Note: Closing prices as at 6 October 2016

**Figure 12: Global banks – valuation summary**

	UBS Adj PE			Price / Book			UBS Adj RoE (%)			Net Div Yield (%)		
	16E	17E	18E	16E	17E	18E	16E	17E	18E	16E	17E	18E
Australia	13.3x	12.7x	12.5x	1.7x	1.6x	1.5x	13.5	13.6	13.3	6.1	6.0	6.1
Asia (ex-Japan)	7.5x	7.4x	6.8x	0.9x	0.9x	0.8x	13.9	13.3	13.3	4.0	4.1	4.5
EMEA	8.9x	7.6x	6.5x	1.0x	0.9x	0.8x	14.2	14.5	14.9	3.7	4.2	6.0
Latin America	10.9x	9.8x	8.7x	1.8x	1.6x	1.4x	17.6	17.5	17.6	3.0	3.5	3.9
Japan	7.6x	8.1x	7.8x	0.5x	0.5x	0.4x	6.9	6.2	6.1	3.8	3.9	3.9
United Kingdom	11.8x	11.3x	10.1x	0.8x	0.8x	0.8x	7.1	7.2	8.0	4.9	5.5	5.8
Europe	11.1x	10.1x	8.9x	0.7x	0.7x	0.7x	7.5	8.0	8.6	4.9	5.4	6.0
United States	12.0x	10.9x	9.5x	0.9x	0.9x	0.8x	8.5	8.7	9.3	2.3	2.7	3.0
GEM	8.1x	7.7x	7.0x	1.0x	0.9x	0.9x	14.5	14.1	14.2	3.8	4.1	4.6
GEM (ex-China)	11.3x	10.2x	8.9x	1.3x	1.2x	1.1x	14.6	14.8	15.3	2.9	3.2	3.9
<b>Global Banks</b>	<b>9.9x</b>	<b>9.3x</b>	<b>8.4x</b>	<b>0.9x</b>	<b>0.8x</b>	<b>0.8x</b>	<b>10.7</b>	<b>10.7</b>	<b>11.0</b>	<b>3.8</b>	<b>4.2</b>	<b>4.6</b>

Source: UBS estimates Note: Closing prices as at 6 October 2016

# Survey findings

## Sentiment remains skewed slightly positive

Our survey found that sentiment towards the sector has remained almost unchanged since our last survey and remains skewed slightly towards being positive. In our last survey, there had been a notable deterioration in sentiment in DM post the UK Referendum. Since then, the Federal Reserve has been reducing rate hike expectations, the Japanese central bank has announced more unorthodox policy measures to try to invigorate inflation and growth (by modifying its policy rate to target a steeper yield curve, aiming for a 0% yield on its 10-year sovereign bond), while in Europe, the market expects QE in the Eurozone to continue. Sterling continues to be weaker than prior the Referendum vote, but we perceive an improvement in EM, as US rates are expected to be lower for longer.

While the percentage of respondents with a positive view on the sector outlook climbed slightly to 35% (33% a quarter earlier), this only slightly exceeds the percentage of respondents with a cautious view (33%). The positive skew is driven by the 5% of respondents holding a very bullish stance, while no respondents currently hold a very cautious view. Figure 2 shows there has been a very slight decline in both the percentage of those with a slightly cautious view and those with a slightly bullish view.

## EM outlook is now neutral

For emerging market banks, the outlook is now neutral overall and remains polarised, as the proportion of neutral respondents has remained low at 28% (29% previously). The proportion of respondents with a negative view has improved to 36% from 38% in the previous survey, while the number of respondents having a positive view on the outlook has improved somewhat to 36% (previously 33%), with 8% of respondents continuing to have a very bullish outlook.

In EM, there have been a few upgrades in the view on the outlook, notably for Brazilian banks, given expectations of a turnaround in macro indications (GDP growth, inflation and policy rates), progress on economic reforms with the focus on a cap on government spending, and early signs of improvements in asset quality: recent meetings with bank management suggest NPL will peak by YE16 with loan-loss provisions in 2H16 lower than in 1H16 (see [Why we are warming up on Brazilian banks?](#)).

We are also more constructive on Hungary where we are now very bullish after previously being slightly bullish, due to a solid macroeconomic environment, a restarting credit cycle and low CoR, given strong deleveraging. Furthermore, we are now slightly bullish on Kazakhstan where Halyk has been generating high-teen RoEs and we expect improving NIMs.

In contrast, we have become more cautious on banks in the Czech Republic where we are now slightly cautious (weak fee income and rising provisions). We would also highlight Mexico, which we have downgraded one notch to neutral – the first time that we have been neutral on Mexico since March 2012. Our less constructive view on Mexican banks is primarily driven by external factors, such as Peso weakness and our expectation for valuations, as we approach the US elections on 8 November, while we believe banking fundamentals remain sound.

**After three years of negative sentiment, we now have a neutral stance on EM banks**

**Upgrading Brazilian banks to overweight**

**Very bullish in Hungary**

**More cautious on Czech Republic; now neutral in Mexico**

Overall, we are slightly cautious on banks in the Arab Emirates, Argentina, China, Czech Republic, Korea, Malaysia, South Africa, Thailand and Turkey. We are slightly bullish on Brazil, Georgia, India, Indonesia, Kazakhstan, Peru and Philippines, and very bullish on Hungary and Russia. There are no countries that we rate as very cautious.

## Developed market outlook – remaining positively skewed

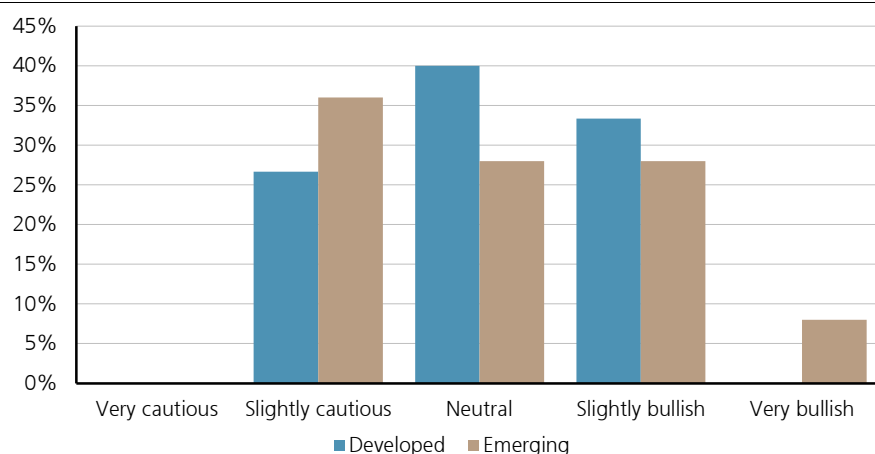
In developed markets, sentiment is in aggregate unchanged from our previous survey, remaining skewed slightly positive. The proportion of respondents with a negative view remains at 27% (unchanged from the previous survey), while respondents with a positive outlook have also remained at 33%. As in our previous survey, there are no respondents with a very bullish view.

Countries showing notable negative changes in sentiment include Germany where we are now slightly cautious (after litigation pressure and capital pressure on Deutsche Bank). We have also further downgraded the outlook for UK banks (lower rates/flatter yield curves) and Japan where the central bank recently announced its intention to target steepening the yield curve to try and prevent deflation.

By country, we are slightly cautious on Australia, Austria, Germany and Spain, while we are slightly bullish on Benelux, France, Italy, Nordic and the US (regionals).

**Outlook for developed market banks remains skewed slightly positive**

**Figure 13: What best describes your view on the outlook for your sector?**



Source: UBS

## National upgrades/downgrades

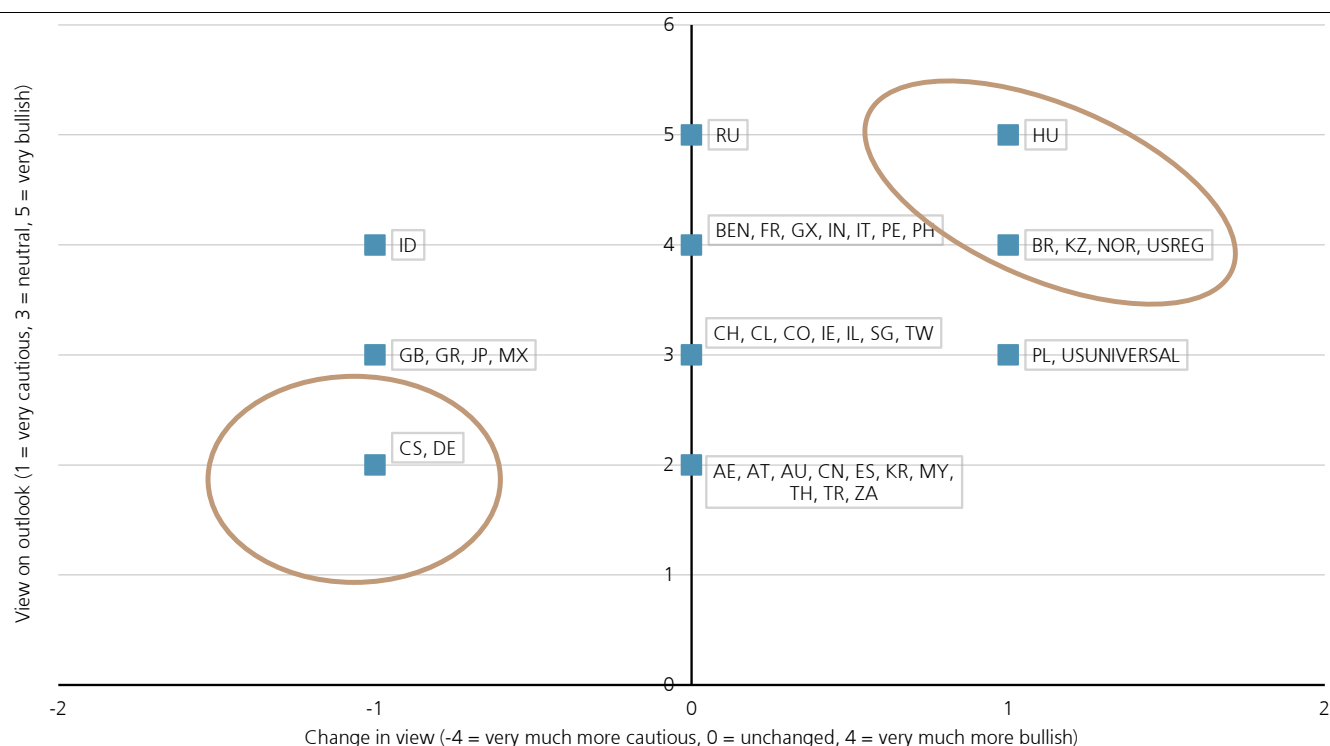
There have been seven downgrades in outlook and seven country upgrades in this latest survey, making for no overall change, with many fewer downgrades or upgrades than in the previous survey (12 downgrades and eight upgrades).

We are slightly more cautious on the Czech Republic and Germany, while we are slightly more bullish on Hungary where we are now very bullish.

We have seen one-notch downgrades also taking place for other countries: the UK, Greece, Japan and Mexico, where we are now neutral, and Indonesia, where we are now slightly bullish.

Similar one-notch upgrades have also taken place for other countries: we are now slightly bullish in Brazil, Kazakhstan, the Nordic countries and US regional banks, and neutral in Poland, and for the US brokers and universal banks.

**Figure 14: Analyst views on outlook by country (y axis) and changes in outlook over the past three months (x axis)**



Source: UBS analysts. Notes: AE = Arab Emirates, AT = Austria, AU = Australia, BEN = Benelux, BR = Brazil, CH = Switzerland, CL = Chile, CN = China, CO = Colombia, CS = Czech Republic, DE = Germany, ES = Spain, FR = France, GB = United Kingdom, GR = Greece, GX = Georgia, HU = Hungary, ID = Indonesia, IE = Ireland, IL = Israel, IN = India, IT = Italy, JP = Japan, KR = Korea, KZ = Kazakhstan, MX = Mexico, MY = Malaysia, NOR = Nordic, PE = Peru, PH = Philippines (note there was no prior value for this region), PL = Poland, RU = Russia, SG = Singapore, TH = Thailand, TR = Turkey, TW = Taiwan, USREG = United States (regionals), USUNIVERSAL = United States (brokers and universal banks), and ZA = South Africa



# Macro views

## Bad debt concerns dominate, driven by EM banks

Overall, in this survey, bad debts are the dominant risk factor, being cited by 30% of respondents. In emerging markets, bad debts remain by far the most significant risk for banks, cited by 40% of respondents, although this risk has declined somewhat from the last survey (46% previously). EM countries where this was cited as the primary risk included the Arab Emirates, Brazil, China, Greece, India, Indonesia, Korea, Malaysia, Singapore and Thailand.

In developed markets, this risk factor is seen as low (ranking third), cited by 13% of respondents, and is now considered the primary risk factor only in Italy and Spain.

## Macroeconomic growth

Overall, in this survey, the macroeconomic growth outlook has become the second of the dominant risks that respondents see for their sector, having been cited by 25% of respondents in the survey. The UK Referendum vote has created growth uncertainties in the UK and Europe, and impacted asset yields and monetary policy expectations with rate cuts in the UK, hikes pushed out in the US and quantitative easing continuing in the Eurozone. This factor was cited by 25% of respondents overall, a decline compared with 33% in the previous survey, and remains an important risk factor in both developed and emerging markets.

In developed markets, the macroeconomic growth outlook is the joint primary risk factor, having been cited by 33% of respondents, versus 47% previously. It is considered the most important risk factor by our analysts in Germany, Switzerland, the UK, US (brokers and universal banks) and US (regionals).

For emerging markets, the macroeconomic growth outlook is the second most important concern, being cited by 20% of respondents (down from 25%), including those in Argentina, Colombia, Hungary, Peru and South Africa.

**Macro outlook remains one of the major risks that UBS analysts see for the banking sector**

## Regulatory and policy issues

There has been an aggregate decrease in the relative importance of regulatory and policy issues, which are cited by 18% of respondents (previously 10%). It now ranks fourth among the factors cited as being the primary risks to the sector.

In developed markets, this concern ranked as the joint primary risk along with the macroeconomic growth outlook, being cited by 33% of respondents (previously 20%). It was cited as the primary concern for Australia, Benelux, France, Israel and Japan.

In emerging markets, regulatory and policy issues are considered much less important, and were cited by only 8% of respondents: Czech Republic and Poland.

## Emerging market currency depreciation

Despite the continued market focus during the survey period on the Fed funds rate and the more dovish stance of the Fed, the importance of currency depreciation has remained almost unchanged as a risk factor in emerging markets. In our latest

survey, it was cited by 12% of respondents (in Georgia, Kazakhstan and Russia), having been cited by 13% of respondents in the previous survey.

## Inflation and interest rates

In both developed and emerging markets, this risk has declined in importance over time, albeit that it increased slightly in this survey. It is now ranks as the fourth most important risk, with 10% of respondents (previously 5%) citing this as the most important risk to their sector: Austria, Chile, Taiwan and Turkey.

## Political risk

As in our previous survey, political risk is cited by 5% of the survey respondents. In emerging markets, none of our respondents cited it as a risk. The countries where it is considered a risk are Ireland and Mexico.

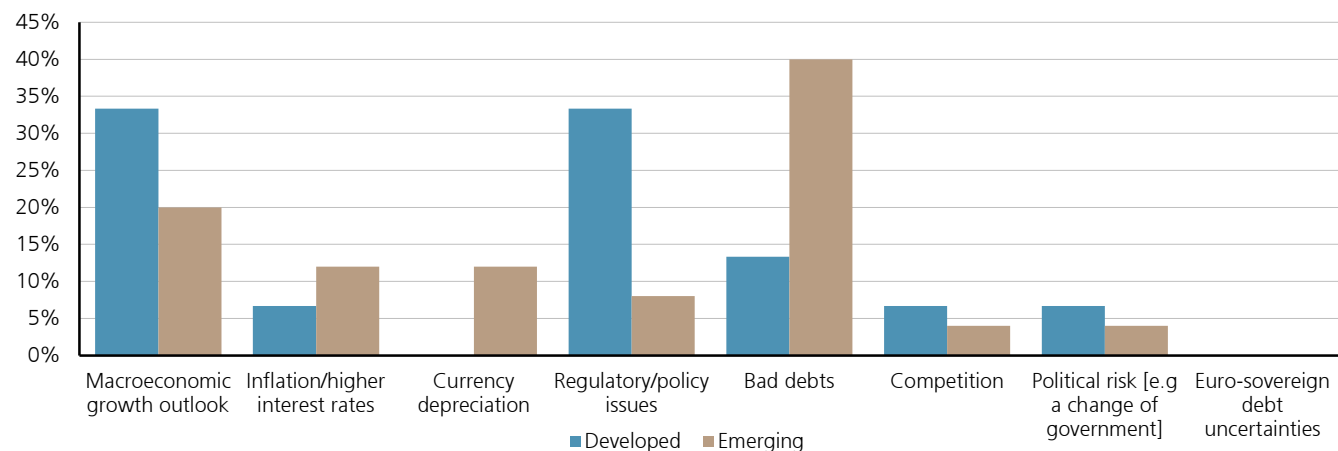
## Competition

In previous surveys, competition was not seen as a major risk factor, but it has now resurged as a factor, and is now cited as the major risk factor for Nordic and Philippines banks.

## Euro-area sovereign debt uncertainties

As in our previous survey, none of our respondents cited euro-area sovereign debt uncertainties as a risk factor.

**Figure 15: What is the main risk to your sector?**

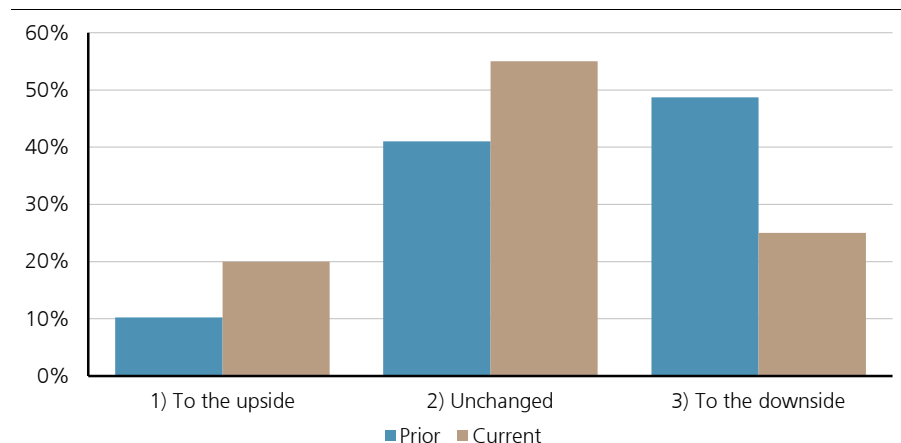


Source: UBS estimates

# Views on fundamentals

## Loan growth expectations

**Figure 16: What is the risk to your loan growth forecast (12-month outlook) – prior versus current?**



Source: UBS

The overall picture for loan growth has improved considerably compared with the previous survey, but remains skewed to the downside. In this survey, 20% of respondents (previously 10%) believe there is upside risk to loan growth forecasts, while 25% (a significant decline from the previous 49%) believe there is downside risk. The proportion of respondents believing that loan growth forecast risk is neutral has increased to 48% (previously 41%).

Looking in more detail, it is apparent in developed markets (DM) that there has been a sharp reduction in the proportion of respondents seeing downside risk to loan growth (20% compared with 73% previously), along with a considerable increase in the respondents seeing upside risk (to 13% from 0% previously), but the outlook remains skewed to the downside. Our DM respondents see downside risk to loan growth forecasts in Australia, Switzerland and US regionals, and see upside risk in Austria and Spain.

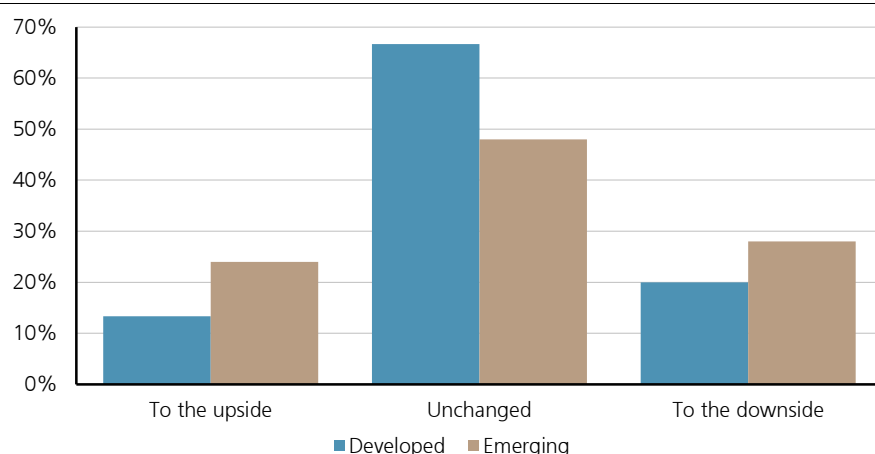
In emerging markets (EM), there has been a small improvement in the proportion of respondents seeing upside risk to loan growth (24% compared with 17% previously), while the percentage of respondents seeing downside risk has declined to 28% (versus 33% previously). Despite this improvement, as with the DM banks, the outlook remains skewed to the downside. Our EM respondents see upside risk to loan growth in Argentina, China, Colombia, Hungary, Peru and the Philippines, and downside risk in Georgia, Indonesia, Malaysia, Singapore, South Africa, Thailand and Turkey.

**Loan growth expectations have improved, but remain skewed to the downside**

**Sharp reduction in the downside risk to loan growth in developed markets**

**Downside risk to loan growth remains in emerging markets**

**Figure 17: What is the risk to your loan growth forecast (12-month outlook)?**



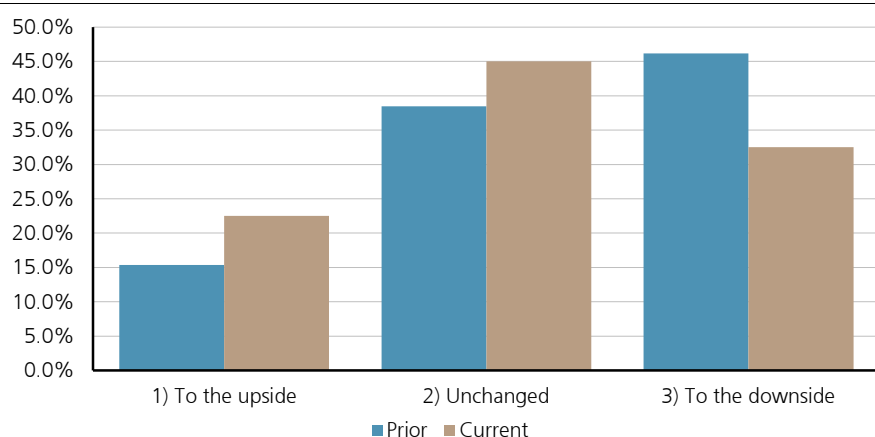
Source: UBS

## NIM outlook

The NIM outlook for the next 12 months remains skewed to the downside, but has improved since our previous survey. Some 23% of respondents in our latest survey see upside risk to NIMs, versus 33% seeing downside risk. This compares with a more negative outlook in the previous survey, when 15% of respondents saw upside potential and 46% of respondents saw downside risk. There has been an increase from 38% to 45% in the proportion of respondents who have a neutral/unchanged view of the outlook for NIMs, compared to the previous survey.

**Outlook for NIMs remains negative but is improving**

**Figure 18: What is the risk to your NIM forecast (12-month outlook)?**



Source: UBS

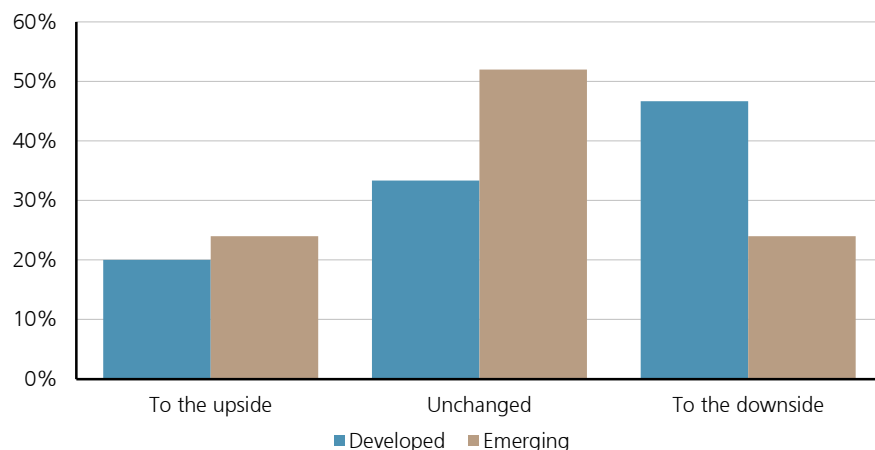
In the previous survey, the NIM outlook was very negative for both emerging and developed markets. The outlook is now less negative, but remains skewed to the downside.

**The outlook is less negative, but remains skewed to the downside – driven by DM expectations**

In emerging markets, the outlook is balanced: 24% of respondents see downside risk to NIMs (compared with 38% in the previous survey), while 24% see upside risk (versus 21% previously). EM respondents see downside risk in Argentina, Chile, the Czech Republic, India, Malaysia and Thailand, and see upside risk in China, Colombia, Kazakhstan, Mexico, the Philippines and Singapore.

For developed markets, the view has improved, but remains skewed to the downside, with 20% of respondents seeing upside risk to NIMs (7% previously) and a significant improvement of 47% of respondents (previously 60%) seeing downside risk to NIMs, while the proportion seeing unchanged risk to NIMs has remained unchanged at 33%. Our DM respondents see upside risk to NIMs in Israel, US brokers & universal banks and US regionals, and downside risk in Australia, Germany, Ireland, Italy, Japan, Spain and Switzerland.

**Figure 19: What is the risk to our NIM forecast (12-month outlook)?**



Source: UBS

## Policy rates

In light of market expectations of more policy interventions via quantitative easing, policy rate cuts, and/or delays to policy rate hikes, we are not surprised to see that policy rates are considered by far the most important factor likely to affect NIMs over the next 12 months. Indeed, 55% (previously 64%) of respondents in aggregate cite this as the most important factor likely to affect NIMs over the next 12 months.

In emerging markets, 56% of participants (from 58% previously) cited this as the primary factor; they comprised Argentina, Brazil, Chile, Colombia, the Czech Republic, Hungary, Indonesia, Kazakhstan, Korea, Mexico, Singapore, South Africa, Taiwan and Thailand.

In developed markets, a highly significant 53% of respondents cited policy rates as the primary factor likely to affect NIMs (above the 73% previously). Countries where this factor was cited include Benelux, Germany, Japan, Nordic, Switzerland, the UK, US brokers & universal banks, and US regionals.

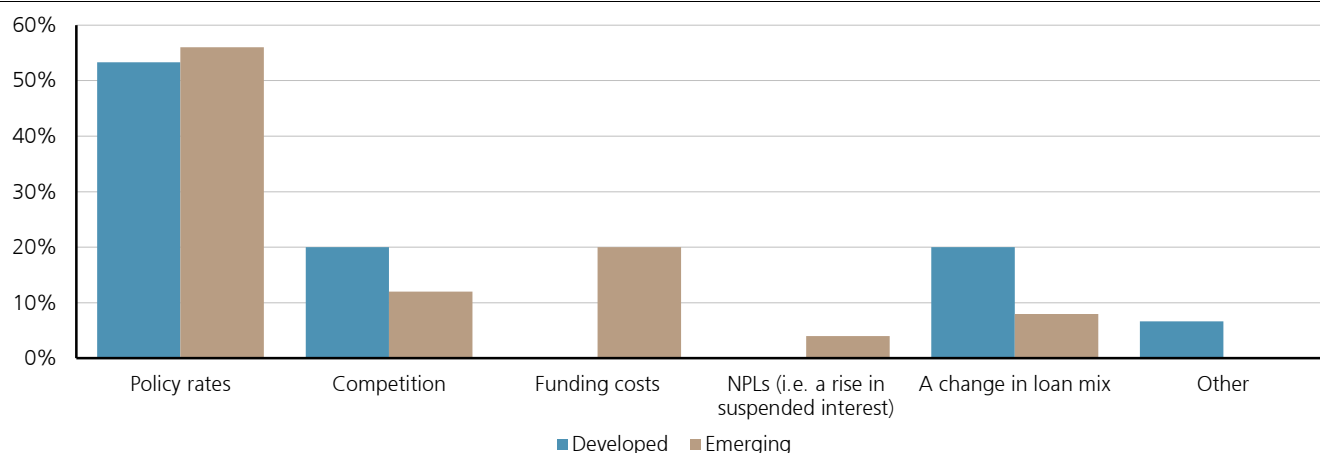
The second most important factor likely to affect NIMs for EM banks remains funding costs, cited by 20% (vs 33% previously) of EM respondents (in the UAE, Greece, Malaysia, Russia and Turkey). As in our previous survey, this factor was not cited by any DM respondent.

In DM, the joint second most important factor likely to affect margins was a change in loan mix, and was cited for Austria, Israel and Spain; in EM, this factor was cited for Peru and Poland.

**Policy rates remain by far the most important factor likely to affect NIMs over the next 12 months**

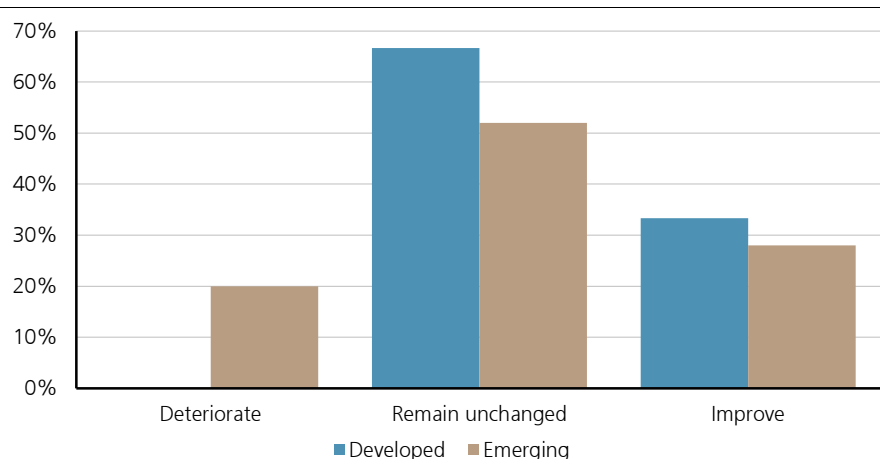
For DM banks, the other second-ranked factor driving NIMs was loan mix, which was cited for Australia, France and Italy. In EM, China, Georgia and the Philippines were cited.

**Figure 20: What is most likely to affect net interest margins over the next 12 months?**



Source: UBS

**Figure 21: Do you expect the funding outlook for your banks over the next 12 months to...**



Source: UBS

Compared with our last survey, the overall funding outlook has improved considerably, driven by an improved funding outlook in developed markets, partly offset by a decline in EM. The funding outlook is now skewed to the upside, with 30% of respondents expecting the funding outlook to improve relative to 23% previously, while 13% expect the funding outlook to deteriorate (unchanged).

In emerging markets, the outlook on funding has declined but remains skewed to the upside, with those expecting an improvement comprising Argentina, Greece, India, Indonesia, Kazakhstan, Peru and Russia (28% of respondents compared with 29% previously), but the number of respondents expecting a deterioration has expanded considerably. That said, survey respondents are expecting a deterioration only in the UAE, Korea, Malaysia, South Africa and Turkey (20% of respondents compared with 8% previously).

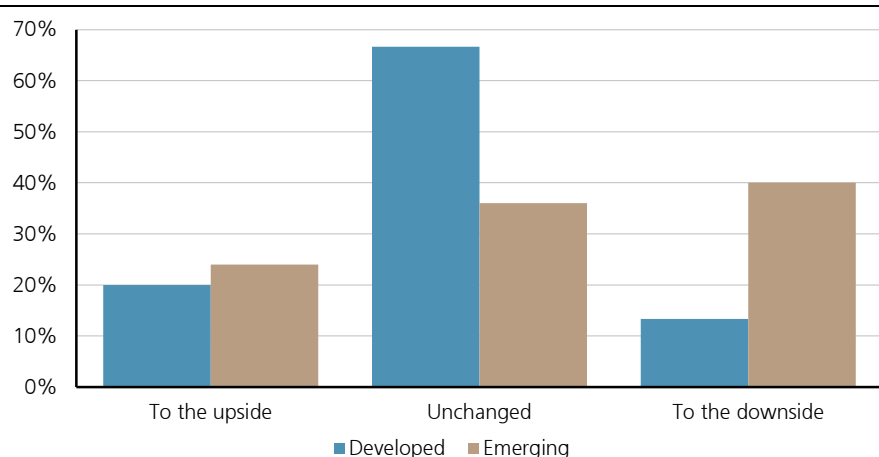
**The funding outlook is now more positive in developed markets than in emerging markets**

In developed markets, the funding outlook has improved and is now strongly skewed to the upside, with no respondents seeing a deterioration compared with 20% previously. Our respondents see an improvement in the funding outlook in Australia, Ireland, Italy, Spain and the UK (33% of the respondents compared with 13% previously).

**Improvement in the funding outlook for developed markets**

## Asset quality

**Figure 22: Is the risk to your NPL forecast over the next 12 months (downside / upside risk to current forecasts):**



Source: UBS

In our survey, expectations on the outlook for NPL levels have improved, and are now skewed positively, with 23% (compared with 38% in the previous quarter) seeing a risk to of NPLs being higher than currently forecast, versus 30% seeing downside risk (33% previously), while the proportion of respondents seeing unchanged NPL forecasts has increased significantly from 28% in the previous survey to 48%.

**The outlook for NPL levels has improved**

Emerging market respondents are now positive on their view of the outlook on NPL levels, with 40% of the respondents seeing downside risk to NPL forecast (42% previously) and only 24% (29% previously) seeing upside risk. Downside risk to NPLs was seen in Brazil, Chile, Colombia, Hungary, India, Kazakhstan, Mexico, Peru, Poland and Thailand, while upside risk was seen in the Arab Emirates, Korea, Malaysia, Singapore, South Africa and Turkey.

**The outlook for NPLs in EM is now balanced**

In developed markets, the aggregate picture has improved but remains negative, with 20% (vs 53% previously) of respondents seeing upside risk to NPL forecasts and 13% (previously 20%) seeing downside risk. In this survey, respondents see upside risk to NPL forecasts in Australia, Spain and US regionals, and downside risk in Austria and Ireland.

Since our last analyst survey, 2016E NPL/loan expectations have improved slightly compared with the previous period, with 19 countries showing an improvement in forecast NPL levels against 17 countries where analysts forecast a deterioration in NPLs/loans. The largest increases (i.e. deteriorations) in forecast NPL/loan expectations were in Argentina (+83bp to 3.15%), Kazakhstan (+50bp to 10.50%), Indonesia (+33bp to 2.33%), Taiwan (+10bp to 0.49%) and Peru (+10bp to 2.65%).

Conversely, the largest improvements in 2016 forecast asset quality were in Austria (-96bp to 6.66%), Brazil (-93bp to 4.20%), Greece (-60bp to 36.96%), Chile (-30bp to 2.30%) and the Czech Republic (-22bp to 4.01%).

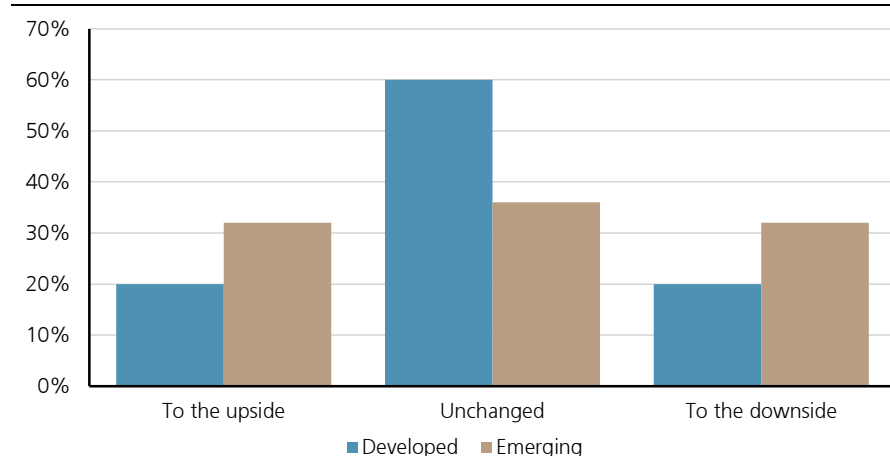
**Figure 23: Provisions/average loans**

	Provisions / average loans (bp)																			
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15E	16E	17E	18E	19E
Australia	31	41	31	28	24	20	18	24	61	72	40	29	33	25	17	17	23	25	26	27
Japan	59	110	45	120	162	47	23	34	120	65	31	14	15	-5	5	13	8	11	12	12
United States	23	46	290	211	159	130	92	154	315	399	259	121	80	40	38	49	59	68	72	76
Europe	51	80	79	85	61	51	55	58	110	166	105	97	97	87	74	61	56	52	49	47
United Kingdom	50	91	70	107	78	87	101	129	202	269	142	113	81	65	40	45	45	47	43	35
Developed	49	76	143	119	91	69	63	82	158	214	139	87	73	54	49	47	48	51	52	53
GEM	227	272	195	168	119	131	160	138	195	216	164	155	150	130	140	144	179	177	174	173
Global Banks	67	97	148	124	94	79	84	97	170	215	148	112	102	78	77	78	94	95	95	95

Source: UBS estimates

## Earnings outlook

**Figure 24: What is the risk to your earnings forecast (12-month outlook)?**



Source: UBS

Over the past year, reflecting the low growth outlook, 2016E earnings momentum for banks globally remains negative in terms of growth (EPS downgraded by 18.4%), and is significantly negative in terms of the number of downgrades.

Based on our global banks coverage, the net number of 2016E EPS upgrades versus downgrades over the past year is -123 globally; many of the net downgrades have come in Asia (43), with another 29 in Europe, 17 in the US, eight in LatAm and six in Australia. Overall, in GEM, we have 66 net downgrades (66% of our coverage), with the aggregate EPS downgrade being 16.1%.

In the US, we have downgraded our 2016E EPS expectations by 17.0% in the past 12 months and in Europe (ex-UK) by 30.3%.

From our survey, our analysts are now balanced on the risks to earnings forecasts in aggregate for the next 12 months, with 28% seeing upside risk to earnings forecasts and 28% seeing downside risk. Overall, this is a significant improvement compared with the previous survey, where 23% of respondents saw upside risk to earnings and 33% saw downside risk.

**2016E earnings momentum for banks globally has been negative in growth terms**



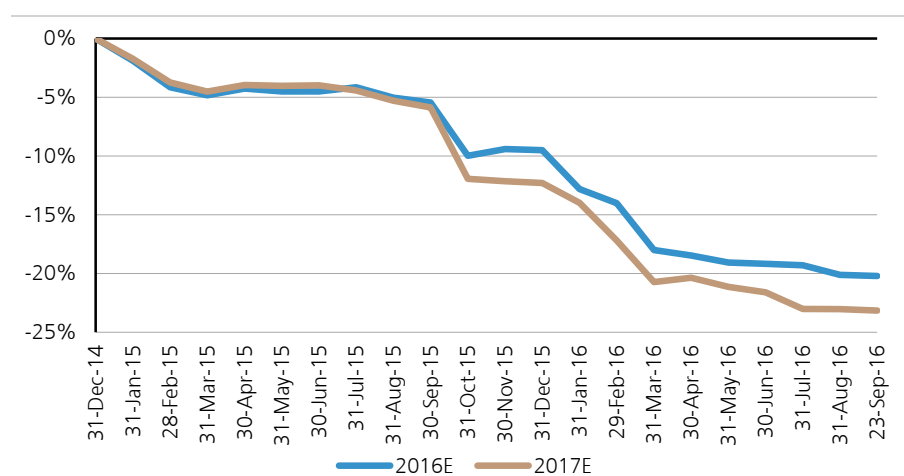
In developed markets, the earnings outlook has improved and is now balanced: although the majority (60%) of respondents see the outlook as unchanged, 20% see upside risk (previously none). The proportion of respondents seeing downside risk to earnings declined to 20% from 47% in the previous survey. The downside risk to earnings is seen in Australia, Germany and Japan, and upside risk is seen in Austria, Spain and US brokers & universal banks.

**Earnings outlook for developed markets banks is now balanced**

The outlook on earnings in emerging markets has declined and is now balanced: 32% of respondents see upside risk to earnings compared with 38% in the previous survey, while 32% of respondents see downside risk to earnings, which is worse than the 25% of respondents in the previous survey. The emerging markets seeing upside risk comprise China, Colombia, Georgia, Hungary, Kazakhstan, Mexico, Peru and Russia, while downside risk is seen in the UAE, Argentina, the Czech Republic, Malaysia, Singapore, South Africa, Taiwan and Thailand.

**Earnings outlook for EM has declined and is now balanced**

**Figure 25: Global banks – cumulative EPS changes since end-2014**

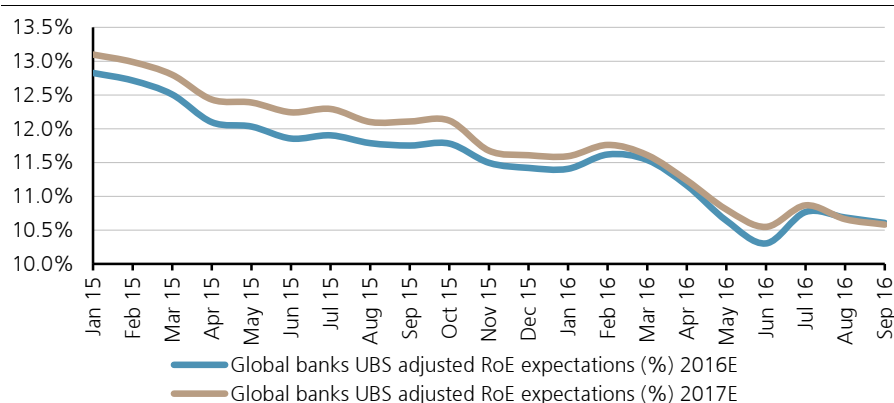


Source: UBS estimates

In our prior survey publications, we reported that RoE expectations had been showing a decline for some time. Since then, the decline in forecast RoEs has continued. The 2016E RoE trend appears to have peaked in early February at 11.8%, declining through the year to 10.3% in June. In July we had a temporary reprieve in that trend with a short-term bounce-back, but RoEs have since declined to 10.6%. The 2017E RoE trend seems to be fairly closely tracking the 2016 estimates, and the spread between the two appears to be closing, suggesting that 2017 is unlikely to be a better year than 2016 from the perspective of RoEs.

**Expectations for global banks' RoE remain on a downward trend**

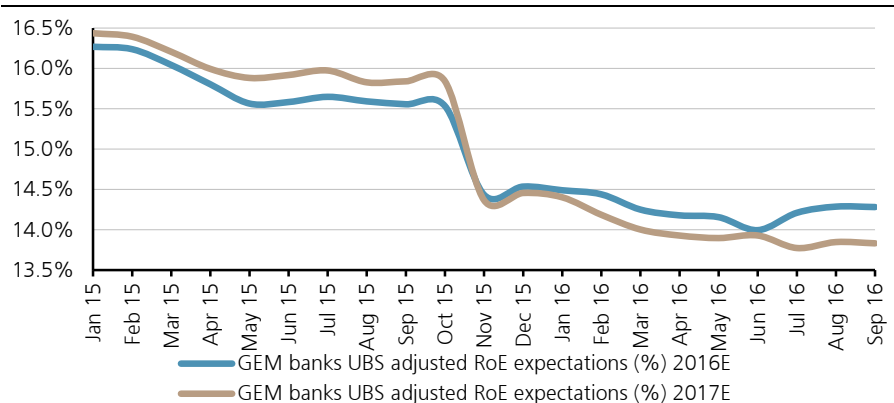
**Figure 26: Global banks – RoE expectations**



Source: UBS estimates

Based on our bottom-up estimates, we currently forecast 2016 sector RoE for global banks to be 10.9% – below the 2014 value of 11.3%, which was among the lowest figures since 2000, apart from 2008 (7.8%) and 2009 (10.0%). The outlook is for RoE to remain low at 10.8% in 2017E, only recovering to 11.1% in 2018E and 11.4% in 2019E.

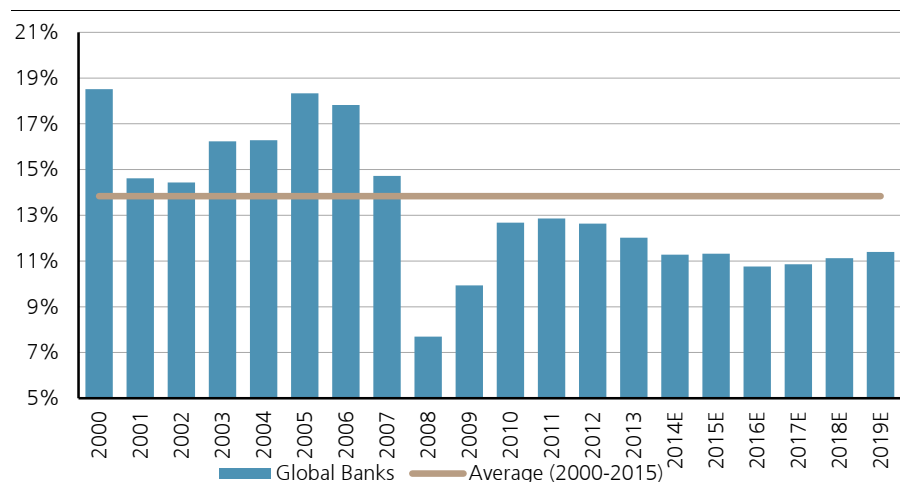
**Figure 27: GEM banks – RoE expectations**



Source: UBS estimates

In emerging markets, 2016 RoE expectations have fallen sharply since the plateau in third-quarter 2015 to a trough in June 2016, but have slightly rebounded since. For 2016, RoE estimates are now 14.3% – about 128bp lower than a year ago. Estimates for 2017 have followed a similar trajectory, although the gap between the two estimates has widened since June 2016: at 13.8%, our 2017 estimates are 45bp below our 2016 estimates.

**Figure 28: Global banks – RoE trends**



Source: UBS estimates

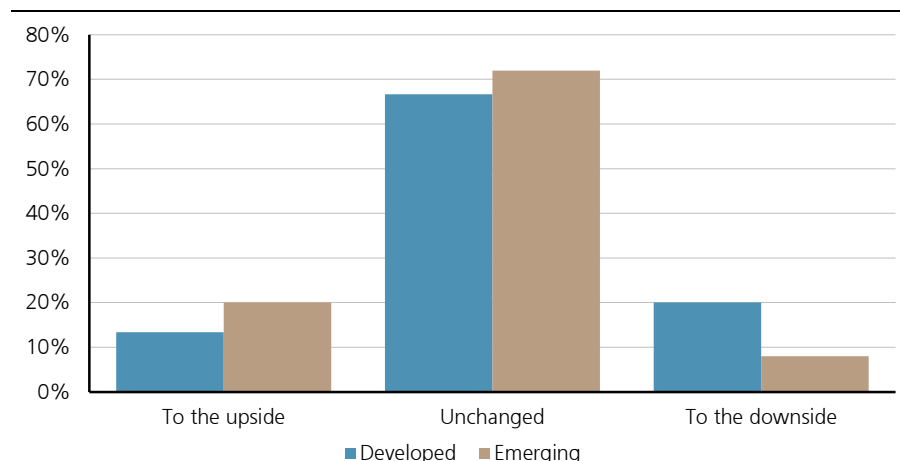
## Dividend outlook

UBS analysts overall have become more positive than in our previous survey, and now have an overall positive view regarding the risk to dividends, with only 13% seeing downside risk (from 36% in our previous survey). The proportion of respondents seeing upside risk has increased to 18% from 15% in the previous survey.

**UBS analysts now have a positive view of dividend risk**

In developed markets, there has been improvement in the outlook for dividends compared with the previous survey, although our survey respondents still have a negative view on the outlook for dividends: 20% of respondents (previously 47%) see downside risk and 13% see upside risk (previously 13%). Developed-markets analysts seeing upside risk to dividends include those covering Spain and US regionals, while those seeing downside risk cover Australia, Israel and Italy.

**Figure 29: What is the risk to your dividend estimates for your sector over the next 12 months?**



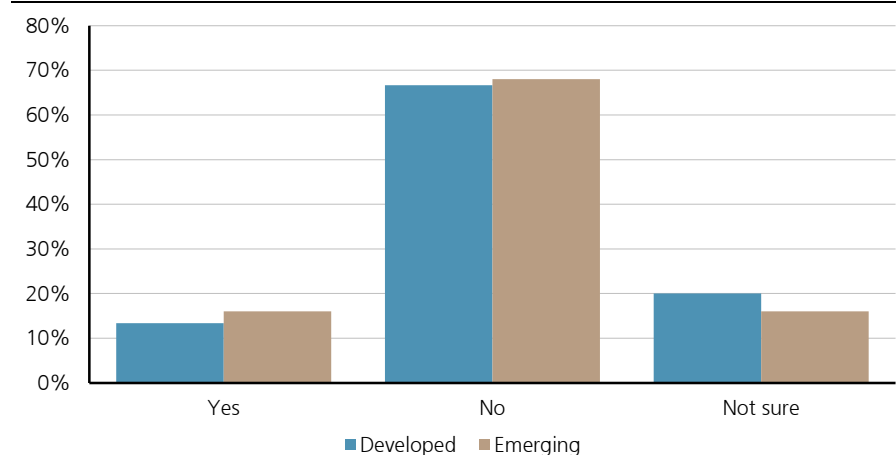
Source: UBS

In emerging markets, the dividend outlook has improved and is now skewed to the upside, with 20% of respondents (previously 17%) seeing upside risk and 8% (previously 29%) seeing downside risk. Upside risk to dividends is seen in

Argentina, Indonesia, Kazakhstan, Mexico and Peru, while downside risk is seen in the Czech Republic and Poland.

## Recap risks

**Figure 30: Will your bank have to raise capital over the next 12 months?**



Source: UBS

Since our last survey, the perceived capital position of the banks has remained almost unchanged, with the vast majority of respondents (68% vs 74% previously) believing that the banks they cover will not need to raise capital over the next 12 months. In the latest survey, 15% of respondents see capital raises over the next 12 months, versus 13% in the previous survey, while the proportion of "not sure" responses has risen to 18% compared with 13% previously.

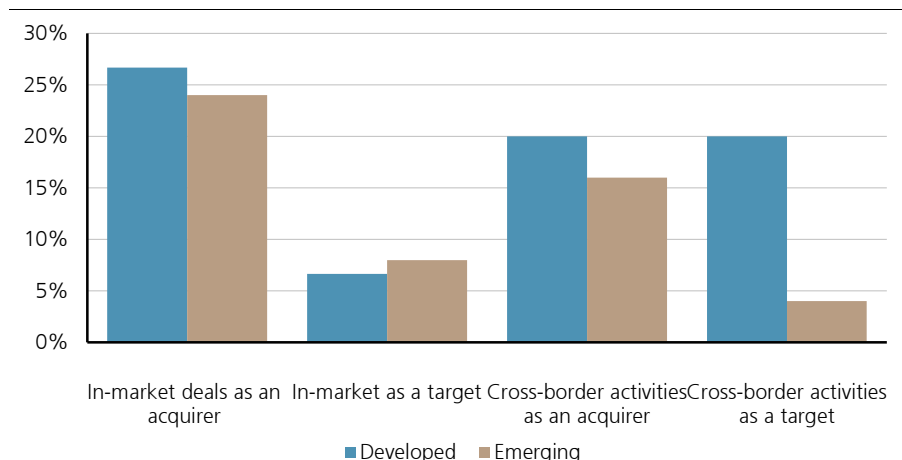
In emerging markets, 16% of respondents expect to see capital raises over the next 12 months, a little higher than in our previous survey, when 13% of respondents expected to see capital raises. EM countries where we expect capital raises include Argentina, China, Colombia and India.

The proportion of DM respondents expecting capital raises over the next 12 months remains unchanged at 13%. Even though there was a round of capital raises in Australia last year, Australia and Austria are the only DM countries where our respondents believe capital raises might happen in the next 12 months.

**Capital-raising fears persist in some regions**

## M&A

**Figure 31: Do you expect your banks to be involved in any M&A activity over the next 12 months?**



Source: UBS

Some 27% of developed-market respondents see the banks they cover being involved in in-market activity as an acquirer over the next 12 months, (previously 33%), and 20% undertaking cross-border M&A as an acquirer (previously 27%). In-market M&A acquisitions are expected in Italy, Spain, Switzerland and US regionals, while cross-border acquisitions are expected from banks based in Austria, Japan and Switzerland.

For M&A activity where the respondents see their banks as M&A targets, 20% see cross-border activity (Austria, Israel and US regionals), compared with 20% in the previous survey, while 7% (previously 27%) expect in-market activity (US regionals).

There is a significant expectation of M&A activity in emerging markets, both in-market and cross-border. The majority of this activity is expected to involve the researched banks acting as an acquirer: 24% in-market (25% previously) and 16% cross-border (13% previously). In-market M&A acquisitions are expected in Argentina, Brazil, Georgia, India, Korea and Poland, while cross-border acquisitions are expected from banks based in Brazil, Hungary, Singapore and South Africa.

There are lower expectations of M&A where our researched emerging-market banks are expected to be the target. For in-market M&A, this is expected for only 8% of markets (India and Poland), and for cross-border M&A, 4% of markets (Russia).

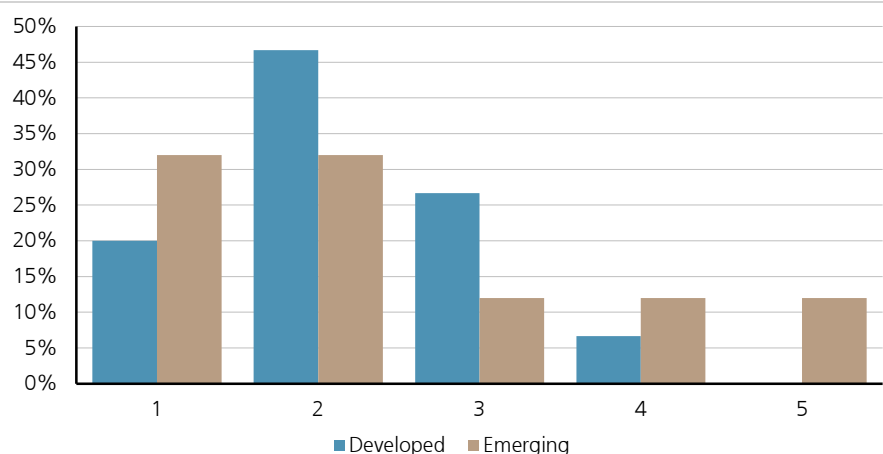
**In-market M&A acquisitions expected in Italy, Spain, Switzerland and US regionals**

## FX volatility

Given continued FX volatility, especially in emerging markets, our latest survey also included a question on the potential impact of currency movements on bank sector fundamentals. According to our survey findings, FX volatility was largely considered to have a low to medium impact on fundamentals (predominantly via translation effects), but also in terms of the impact on loan growth and potentially higher delinquencies via higher policy rates. In emerging markets, the banking sectors that were considered most vulnerable to FX volatility included Georgia, Indonesia and Kazakhstan, while in developed markets no countries were considered to fall into that category.

**FX volatility largely viewed as having a low to medium impact on fundamentals**

**Figure 32: On a scale of 1-5 (where 1 = minimal effect and 5 = severe effect), how does FX volatility affect sector fundamentals?**

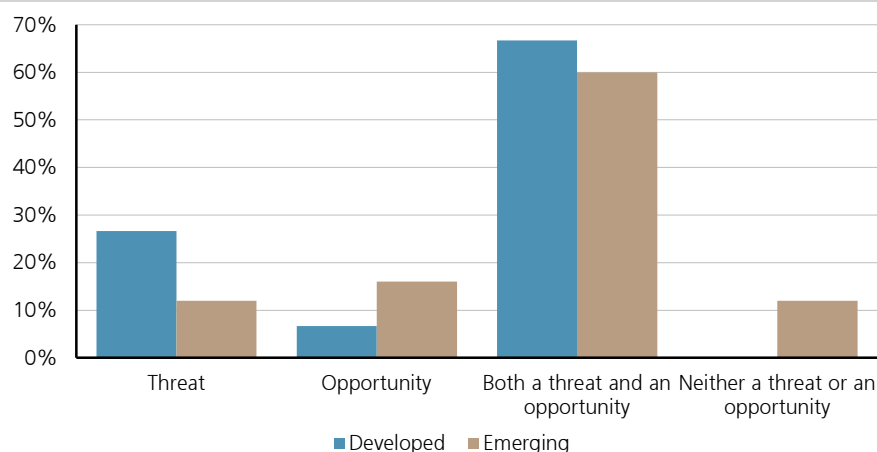


Source: UBS estimates

## FinTech

In our [Global banks outlook for 2016](#), we identified financial technology (FinTech) as a key theme for the year ahead. We followed up on this theme in our recent [Q-Series: Global Banks – Is Fintech A Threat or An Opportunity?](#) In this survey, we again asked our analysts how they viewed FinTech – as a threat and/or opportunity.

**Figure 33: How do you view FinTech?**



Source: UBS estimates

The survey shows that the majority of our analysts are still positive on the opportunities that FinTech may present: 75% of our respondents believe that FinTech presents an opportunity or presents both a threat and an opportunity, up from 62% in our previous survey. Our EM analysts are somewhat less positive than our DM analysts: 66% of EM respondents see opportunities from FinTech, versus 73% of DM respondents.

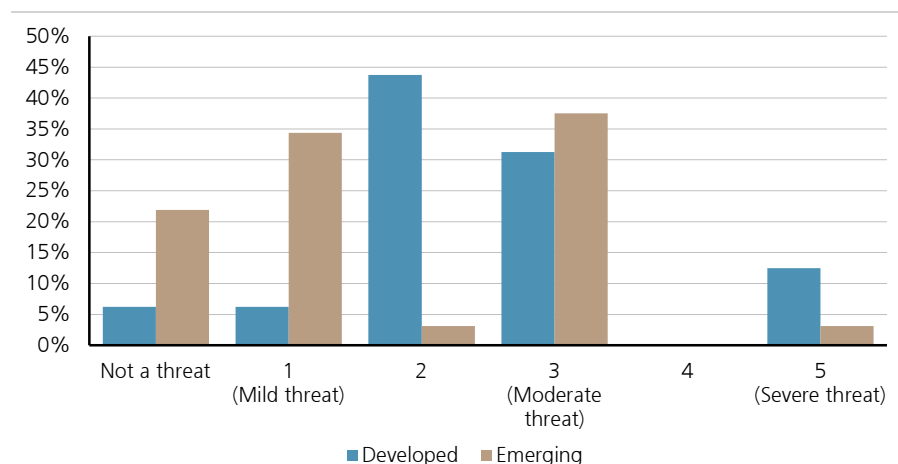
Looking at the other side of the coin, we found that 80% of respondents overall see FinTech as a threat or both a threat and an opportunity (previously 72%). Mirroring the EM/DM split on FinTech as an opportunity, our EM analysts were relatively more positive when viewing FinTech as a threat: 72% of EM analysts see

**The majority of our analysts are positive on the opportunities FinTech may present**

FinTech either as a threat or both a threat and an opportunity while 93% of DM analysts chose these two options.

When looking at the extent of the threat, it is apparent that DM respondents were much more concerned than EM respondents. When asked to rank the level of threat between one and five (with 5 being most severe), 13% of DM respondents considered the threat level to be between 4 and 5, while only 3% of EM respondents put the threat level in the same brackets.

**Figure 34: How do you rate the threat of FinTech to your banks?**



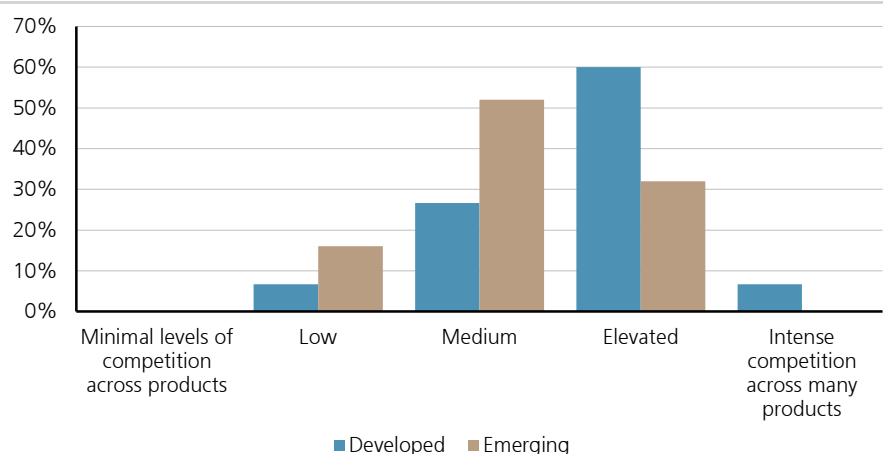
Source: UBS estimates

## Competition

In this survey, we also asked our analysts for their view on the competitive landscape for their banks over the next 12 months. Compared with our last survey, both DM and EM analysts are expecting more intense competition. It is also clear from the results that our DM analysts believe that competition is more intense in some markets than do their EM peers, with 67% (previously 73%) of DM respondents selecting the Elevated or Intense categories, and only 32% of EM respondents selecting the same categories (44% previously). However, the proportion of EM respondents believing their markets are likely to experience medium levels of competition is higher (52%) than the proportion of DM respondents (27%). In DM, countries where competition was considered most intense were Germany (Intense competition) and Australia, Austria, France, Israel, Italy, Japan, Spain, US brokers & universal banks, and US regionals (Elevated). In EM there were no countries in the Elevated bracket, but our respondents considered that the Czech Republic, Georgia, India, the Philippines, Poland, Russia, South Africa and Turkey had elevated levels of competition.

**Compared with our last survey, both DM and EM analysts are expecting more intense competition**

**Figure 35: Overall, what is the outlook for competition for your banks over the next 12 months?**



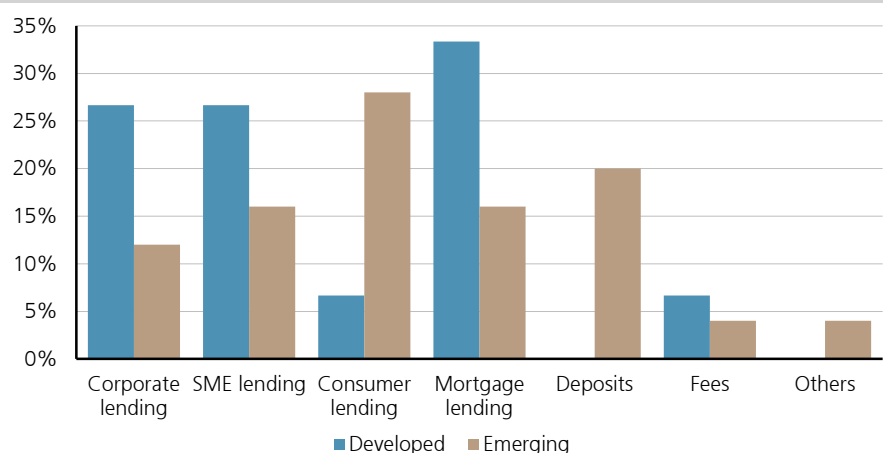
Source: UBS estimates

By product, competition was expected to be toughest in the mortgage lending segment (23% of respondents), followed by the consumer lending (20%) and SME lending (20%) segments.

A breakdown between banks in DM and EM showed that, in DM, competition was seen as likely to be toughest in the mortgage lending segment (33%), followed by the corporate lending and SME lending segments (both 27%), and lowest for deposits (0%). In contrast, in EM, competition was considered likely to be highest for consumer lending (28%) and then deposits (20%), and least intense in fees (4%).

**Competition likely to be highest in mortgage lending, followed by the consumer and SME lending segments**

**Figure 36: Overall, which product line do you think will see the most competition?**



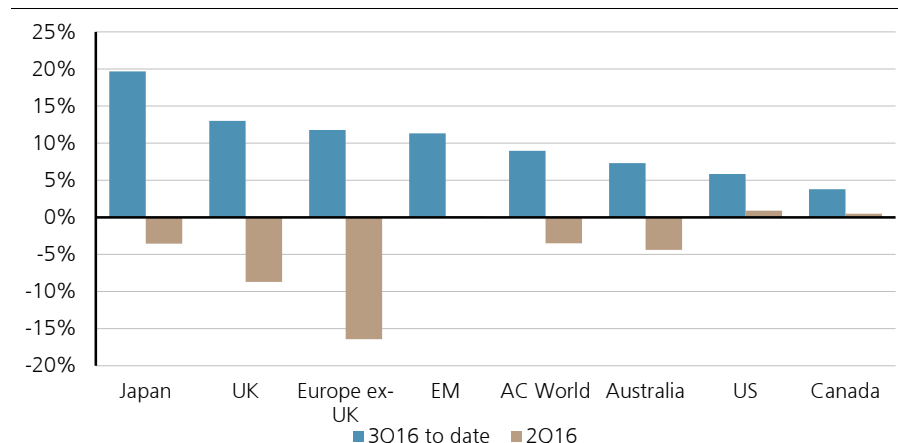
Source: UBS estimates



# Views on valuations

## Significant underperformance year to date

Figure 37: Global banks' US\$ performance, 3Q16 versus 2Q16



Source: MSCI indices, Thomson Reuters DataStream, UBS. Note: Based on closing prices as at 27 September 2016.

The global banks' sector performance has been highly volatile and has staged a significant rally in Q3. Since the start of 2016, the global banking index is down 4.2% (in US dollars) but the sector has out-performed global equities by 8.3%. In 2015, global banks were down 11.8%, underperforming global equities by 7.9%.

By region, DM banks have clearly underperformed their EM peers. Since the start of 2016, DM banks are down 8.4% versus EM banks up 17.0%. Among DM banks, Canadian banks have held up best, gaining 17.0% year to date. In contrast, the European ex-UK banks have been the most disappointing, falling 18.9% this year, closely followed by the UK banks (-18.4%). The US banks have also performed poorly, with sector year-to-date performance of -7.3%.

With limited spill-over risk from the UK EU referendum vote, more dovish Fed comments and a recovery in EM currencies, the sector performance of emerging market banks has been surprisingly resilient with share prices up 17.0% since the start of the year after a fall of 24.1% in 2015.

## Fair value or cheap?

Given the share price underperformance of global banks over the past year (negative earnings momentum and the threat of increased legislation), a large number of our respondents consider the banks they cover to be cheap/very cheap (35% of respondents, down from 59% previously, reflecting the rally in Q3). At the same time, 60% of the respondents consider the banks they cover to be fairly valued (up considerably from 33% previously). Only 6% of respondents believe the sector is expensive or very expensive, compared with 8% in the previous survey.

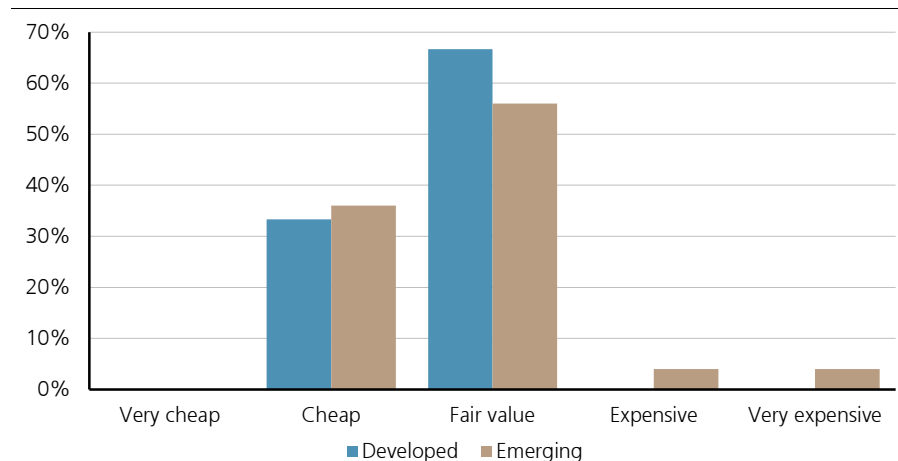
Our analysts' view on valuations in developed markets has become less emphatic: currently, 33% of respondents believe their sector is cheap (0% very cheap), while in the previous survey, 67% of analysts believed their sector was cheap and 0% very cheap. In the current survey, none of the DM respondents believed their sector was expensive (unchanged from the previous survey) while 67% of respondents believe their sector is at fair value.

**Global banks have outperformed equities by 8.3% since the start of 2016**

**The sector is largely considered by UBS analysts to be between fair value and cheap**

In emerging markets, the aggregate view remains skewed to the cheap side, though less emphatically so. In the current survey, 36% of respondents believe the sector is cheap or very cheap, compared with 54% in our previous survey. The proportion of respondents believing their sector is expensive or very expensive has declined to 8% (12% previously). The proportion of analysts believing their sector is at fair value has increased significantly to 56% from 33% previously.

**Figure 38: Sector valuations – do you consider your sector to be:**



Source: UBS

The "expensive" category comprises the Czech Republic (very expensive) and Argentina. The "cheap" category comprises Austria, Benelux, China, Greece, Hungary, Indonesia, Italy, Japan, Kazakhstan, Peru, Russia, Singapore, Turkey and US regionals).

### Valuation Method and Risk Statement

Sector forecasts and ratings are subject to developments in the wider economy and the macro environment. Stock prices could be negatively affected by rapid changes in interest rates or a slower-than-expected rebound in the economy, which, among other things, could result in higher loan losses and/or slower loan growth than is currently anticipated.

## Required Disclosures

This report has been prepared by UBS Limited, an affiliate of UBS AG. UBS AG, its subsidiaries, branches and affiliates are referred to herein as UBS.

For information on the ways in which UBS manages conflicts and maintains independence of its research product; historical performance information; and certain additional disclosures concerning UBS research recommendations, please visit [www.ubs.com/disclosures](http://www.ubs.com/disclosures). The figures contained in performance charts refer to the past; past performance is not a reliable indicator of future results. Additional information will be made available upon request. UBS Securities Co. Limited is licensed to conduct securities investment consultancy businesses by the China Securities Regulatory Commission. UBS acts or may act as principal in the debt securities (or in related derivatives) that may be the subject of this report. This recommendation was finalized on: 07 October 2016 08:56 PM GMT.

**Analyst Certification:** Each research analyst primarily responsible for the content of this research report, in whole or in part, certifies that with respect to each security or issuer that the analyst covered in this report: (1) all of the views expressed accurately reflect his or her personal views about those securities or issuers and were prepared in an independent manner, including with respect to UBS, and (2) no part of his or her compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by that research analyst in the research report.

### UBS Investment Research: Global Equity Rating Definitions

12-Month Rating	Definition	Coverage <sup>1</sup>	IB Services <sup>2</sup>
<b>Buy</b>	FSR is > 6% above the MRA.	47%	32%
<b>Neutral</b>	FSR is between -6% and 6% of the MRA.	38%	25%
<b>Sell</b>	FSR is > 6% below the MRA.	15%	21%
Short-Term Rating	Definition	Coverage <sup>3</sup>	IB Services <sup>4</sup>
<b>Buy</b>	Stock price expected to rise within three months from the time the rating was assigned because of a specific catalyst or event.	<1%	<1%
<b>Sell</b>	Stock price expected to fall within three months from the time the rating was assigned because of a specific catalyst or event.	<1%	<1%

Source: UBS. Rating allocations are as of 30 June 2016.

1:Percentage of companies under coverage globally within the 12-month rating category.

2:Percentage of companies within the 12-month rating category for which investment banking (IB) services were provided within the past 12 months.

3:Percentage of companies under coverage globally within the Short-Term rating category.

4:Percentage of companies within the Short-Term rating category for which investment banking (IB) services were provided within the past 12 months.

**KEY DEFINITIONS:** **Forecast Stock Return (FSR)** is defined as expected percentage price appreciation plus gross dividend yield over the next 12 months. **Market Return Assumption (MRA)** is defined as the one-year local market interest rate plus 5% (a proxy for, and not a forecast of, the equity risk premium). **Under Review (UR)** Stocks may be flagged as UR by the analyst, indicating that the stock's price target and/or rating are subject to possible change in the near term, usually in response to an event that may affect the investment case or valuation. **Short-Term Ratings** reflect the expected near-term (up to three months) performance of the stock and do not reflect any change in the fundamental view or investment case. **Equity Price Targets** have an investment horizon of 12 months.

**EXCEPTIONS AND SPECIAL CASES:** **UK and European Investment Fund ratings and definitions are:** **Buy:** Positive on factors such as structure, management, performance record, discount; **Neutral:** Neutral on factors such as structure, management, performance record, discount; **Sell:** Negative on factors such as structure, management, performance record, discount. **Core Banding Exceptions (CBE):** Exceptions to the standard +/-6% bands may be granted by the Investment Review Committee (IRC). Factors considered by the IRC include the stock's volatility and the credit spread of the respective company's debt. As a result, stocks deemed to be very high or low risk may be subject to higher or lower bands as they relate to the rating. When such exceptions apply, they will be identified in the Company Disclosures table in the relevant research piece.

Research analysts contributing to this report who are employed by any non-US affiliate of UBS Securities LLC are not registered/qualified as research analysts with FINRA. Such analysts may not be associated persons of UBS Securities LLC and therefore are not subject to the FINRA restrictions on communications with a subject company, public appearances, and trading securities held by a research analyst account. The name of each affiliate and analyst employed by that affiliate contributing to this report, if any, follows.

**UBS Limited:** Philip Finch; Peter Carter; Jason Napier, CFA. **UBS Securities LLC:** Brennan Hawken, CPA. **UBS Securities Japan Co., Ltd.:** Shinichi Ina. **UBS Securities Australia Ltd:** Jonathan Mott. **UBS Bank (OOO):** Mikhail Shlemov.

## Company Disclosures

Company Name	Reuters	12-month rating	Short-term rating	Price	Price date
<b>Banco Davivienda</b> <sup>6b, 6c, 7</sup>	DVI_p.CN	Buy	N/A	P28,980.00	06 Oct 2016
<b>Bancolombia</b> <sup>6b, 6c, 7, 16b</sup>	CIB.N	Sell	N/A	US\$38.05	06 Oct 2016
<b>Bank Rakyat Indonesia</b> <sup>7</sup>	BBRI.JK	Buy	N/A	Rp11,975	07 Oct 2016
<b>Banorte</b> <sup>2, 4, 5b, 7</sup>	GFNORTEO.MX	Buy	N/A	P106.35	06 Oct 2016
<b>BBVA Banco Frances SA</b> <sup>5b, 16b</sup>	BFR.N	Sell	N/A	US\$20.60	06 Oct 2016
<b>Citizens Financial Group</b> <sup>4, 6a, 6b, 7, 16b</sup>	CFG.N	Buy	N/A	US\$25.69	06 Oct 2016
<b>Commerzbank</b> <sup>2, 4, 5b, 7, 14</sup>	CBKG.DE	Neutral	N/A	€5.69	07 Oct 2016
<b>Credicorp</b> <sup>7, 16b</sup>	BAP.N	Buy	N/A	US\$146.30	06 Oct 2016
<b>Deutsche Bank</b> <sup>2, 4, 5b, 7, 16b</sup>	DBKGn.DE	Neutral	N/A	€12.09	07 Oct 2016
<b>Handelsbanken</b> <sup>4, 7</sup>	SHBa.ST	Sell	N/A	SKr119.40	07 Oct 2016
<b>HDFC Bank</b> <sup>6b, 6c, 7, 16b</sup>	HDBK.BO	Buy	N/A	Rs1,281.10	07 Oct 2016
<b>Industrial &amp; Commercial Bank of China</b> <sup>2, 4, 5b, 7, 16a</sup>	1398.HK	Buy	N/A	HK\$5.00	07 Oct 2016
<b>Industrial Bank of Korea</b> <sup>7</sup>	024110.KS	Neutral	N/A	Won11,750	07 Oct 2016
<b>ING</b> <sup>2, 4, 6a, 7, 16b</sup>	INGA.AS	Buy	N/A	€11.25	07 Oct 2016
<b>Itau Unibanco</b> <sup>7, 16b</sup>	ITUB4.SA	Buy	N/A	R\$37.70	06 Oct 2016
<b>KeyCorp</b> <sup>6b, 6c, 7, 16b</sup>	KEY.N	Buy	N/A	US\$12.73	06 Oct 2016
<b>Komercni Banka</b> <sup>7</sup>	BKOM.PR	Neutral	N/A	Kc870.90	07 Oct 2016
<b>Lloyds Banking Group</b> <sup>2, 4, 7, 14, 16b, 20</sup>	LLOY.L	Buy (CBE)	N/A	53p	07 Oct 2016
<b>Mitsubishi UFJ Financial Group</b> <sup>2, 4, 5b, 6a, 7, 16b, 18b</sup>	8306.T	Buy	N/A	¥526.6	07 Oct 2016
<b>National Australia Bank</b> <sup>2, 4, 7, 22</sup>	NAB.AX	Neutral	N/A	A\$28.17	07 Oct 2016
<b>OCBC</b> <sup>7</sup>	OCBC.SI	Buy	N/A	S\$8.68	07 Oct 2016
<b>OTP Bank Nyrt</b> <sup>7</sup>	OTPB.BU	Neutral	N/A	HUF7,435.00	07 Oct 2016
<b>Sberbank</b> <sup>4, 6b, 6c, 7, 18a</sup>	SBER.MM	Buy	N/A	RBL148.74	07 Oct 2016
<b>Standard Bank Group Ltd</b> <sup>4, 7</sup>	SBKJ.J	Sell	N/A	RCnt14,598	07 Oct 2016
<b>Standard Chartered</b> <sup>2, 4, 5b, 7, 16a</sup>	STAN.L	Sell	N/A	674p	07 Oct 2016

Company Name	Reuters	12-month rating	Short-term rating	Price	Price date
<b>United Overseas Bank</b> <sup>2, 4, 5b, 6b, 6c, 7</sup>	UOBH.SI	Neutral	N/A	S\$18.80	07 Oct 2016
<b>Vakifbank</b> <sup>5b, 6b, 6c, 7</sup>	VAKBN.IS	Sell	N/A	TRY4.57	07 Oct 2016
<b>VTB</b> <sup>6b, 6c, 7, 18a</sup>	VTBR.MM	Sell	N/A	RBL0.07	07 Oct 2016
<b>Wells Fargo &amp; Company</b> <sup>2, 4, 5b, 6a, 6b, 6c, 7, 16b</sup>	WFC.N	Sell	N/A	US\$45.18	06 Oct 2016
<b>Westpac Banking Corporation</b> <sup>2, 4, 5a, 7, 16b, 22</sup>	WBC.AX	Buy	N/A	A\$30.57	07 Oct 2016
<b>Woori Bank</b> <sup>6b, 6c, 7, 16b</sup>	000030.KS	Sell	N/A	Won11,350	07 Oct 2016
<b>YES Bank</b> <sup>7</sup>	YESB.BO	Sell	N/A	Rs1,275.10	07 Oct 2016
<b>Zions Bancorporation</b> <sup>4, 6b, 6c, 7, 16b</sup>	ZION.O	Sell	N/A	US\$31.68	06 Oct 2016

Source: UBS. All prices as of local market close.

Ratings in this table are the most current published ratings prior to this report. They may be more recent than the stock pricing date

2. UBS AG, its affiliates or subsidiaries has acted as manager/co-manager in the underwriting or placement of securities of this company/entity or one of its affiliates within the past 12 months.
4. Within the past 12 months, UBS AG, its affiliates or subsidiaries has received compensation for investment banking services from this company/entity or one of its affiliates.
- 5a. UBS AG, Australia Branch or an affiliate expect to receive or intend to seek compensation for investment banking services from this company/entity within the next three months.
- 5b. UBS AG, its affiliates or subsidiaries expect to receive or intend to seek compensation for investment banking services from this company/entity within the next three months.
- 6a. This company/entity is, or within the past 12 months has been, a client of UBS Securities LLC, and investment banking services are being, or have been, provided.
- 6b. This company/entity is, or within the past 12 months has been, a client of UBS Securities LLC, and non-investment banking securities-related services are being, or have been, provided.
- 6c. This company/entity is, or within the past 12 months has been, a client of UBS Securities LLC, and non-securities services are being, or have been, provided.
7. Within the past 12 months, UBS Securities LLC and/or its affiliates have received compensation for products and services other than investment banking services from this company/entity.
14. UBS Limited acts as broker to this company.
- 16a. UBS Securities (Hong Kong) Limited is a market maker in the HK-listed securities of this company.
- 16b. UBS Securities LLC makes a market in the securities and/or ADRs of this company.
- 18a. Please note that all transactions conducted by UBS are consistent with sanctions regulations imposed by the EU, UN, US and Switzerland, per UBS' global sanctions policy. UBS opinion as to future investment worthiness assumes no new sanctions are imposed.
- 18b. The U.S. equity strategist, a member of his team, or one of their household members has a long common stock position in Mitsubishi UFJ Financial Group Inc.
20. Because this security exhibits higher-than-average volatility, the FSR has been set at 15% above the MRA for a Buy rating, and at -15% below the MRA for a Sell rating (compared with 6/-6% under the normal rating system).
22. UBS AG, its affiliates or subsidiaries held other significant financial interests in this company/entity as of last month's end (or the prior month's end if this report is dated less than 10 working days after the most recent month's end).

Unless otherwise indicated, please refer to the Valuation and Risk sections within the body of this report. For a complete set of disclosure statements associated with the companies discussed in this report, including information on valuation and risk, please contact UBS Securities LLC, 1285 Avenue of Americas, New York, NY 10019, USA, Attention: Investment Research.

## Global Disclaimer

This document has been prepared by UBS Limited, an affiliate of UBS AG. UBS AG, its subsidiaries, branches and affiliates are referred to herein as UBS.

Global Research is provided to our clients through UBS Neo and, in certain instances, UBS.com (each a "System"). It may also be made available through third party vendors and distributed by UBS and/or third parties via e-mail or alternative electronic means. The level and types of services provided by Global Research to a client may vary depending upon various factors such as a client's individual preferences as to the frequency and manner of receiving communications, a client's risk profile and investment focus and perspective (e.g., market wide, sector specific, long-term, short-term, etc.), the size and scope of the overall client relationship with UBS and legal and regulatory constraints.

All Global Research is available on UBS Neo. Please contact your UBS sales representative if you wish to discuss your access to UBS Neo.

When you receive Global Research through a System, your access and/or use of such Global Research is subject to this Global Research Disclaimer and to the terms of use governing the applicable System.

When you receive Global Research via a third party vendor, e-mail or other electronic means, your use shall be subject to this Global Research Disclaimer and to UBS's Terms of Use/Disclaimer (<http://www.ubs.com/global/en/legalinfo2/disclaimer.html>). By accessing and/or using Global Research in this manner, you are indicating that you have read and agree to be bound by our Terms of Use/Disclaimer. In addition, you consent to UBS processing your personal data and using cookies in accordance with our Privacy Statement (<http://www.ubs.com/global/en/legalinfo2/privacy.html>) and cookie notice (<http://www.ubs.com/global/en/homepage/cookies/cookie-management.html>).

**If you receive Global Research, whether through a System or by any other means, you agree that you shall not copy, revise, amend, create a derivative work, transfer to any third party, or in any way commercially exploit any UBS research provided via Global Research or otherwise, and that you shall not extract data from any research or estimates provided to you via Global Research or otherwise, without the prior written consent of UBS.**

This document is for distribution only as may be permitted by law. It is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or would subject UBS to any registration or licensing requirement within such jurisdiction. It is published solely for information purposes; it is not an advertisement nor is it a solicitation or an offer to buy or sell any financial instruments or to participate in any particular trading strategy. No representation or warranty, either expressed or implied, is provided in relation to the accuracy, completeness or reliability of the information contained in this document ("the Information"), except with respect to Information concerning UBS. The Information is not intended to be a complete statement or summary of the securities, markets or developments referred to in the document. UBS does not undertake to update or keep current the Information. Any opinions expressed in this document may change without notice and may differ or be contrary to opinions expressed by other business areas or groups of UBS. Any statements contained in this report attributed to a third party represent UBS's interpretation of the data, information and/or opinions provided by that third party either publicly or through a subscription service, and such use and interpretation have not been reviewed by the third party.

Nothing in this document constitutes a representation that any investment strategy or recommendation is suitable or appropriate to an investor's individual circumstances or otherwise constitutes a personal recommendation. Investments involve risks, and investors should exercise prudence and their own judgement in making their investment decisions. The financial instruments described in the document may not be eligible for sale in all jurisdictions or to certain categories of investors. Options, derivative products and futures are not suitable for all investors, and trading in these instruments is considered risky. Mortgage and asset-backed securities may involve a high degree of risk and may be highly volatile in response to fluctuations in interest rates or other market conditions. Foreign currency rates of exchange may adversely affect the value, price or income of any security or related instrument referred to in the document. For investment advice, trade execution or other enquiries, clients should contact their local sales representative.

The value of any investment or income may go down as well as up, and investors may not get back the full (or any) amount invested. Past performance is not necessarily a guide to future performance. Neither UBS nor any of its directors, employees or agents accepts any liability for any loss (including investment loss) or damage arising out of the use of all or any of the Information.

Any prices stated in this document are for information purposes only and do not represent valuations for individual securities or other financial instruments. There is no representation that any transaction can or could have been effected at those prices, and any prices do not necessarily reflect UBS's internal books and records or theoretical model-based valuations and may be based on certain assumptions. Different assumptions by UBS or any other source may yield substantially different results.

This document and the Information are produced by UBS as part of its research function and are provided to you solely for general background information. UBS has no regard to the specific investment objectives, financial situation or particular needs of any specific recipient. In no circumstances may this document or any of the Information be used for any of the following purposes:

- (i) valuation or accounting purposes;
- (ii) to determine the amounts due or payable, the price or the value of any financial instrument or financial contract; or
- (iii) to measure the performance of any financial instrument.

By receiving this document and the Information you will be deemed to represent and warrant to UBS that you will not use this document or any of the Information for any of the above purposes or otherwise rely upon this document or any of the Information.

UBS has policies and procedures, which include, without limitation, independence policies and permanent information barriers, that are intended, and upon which UBS relies, to manage potential conflicts of interest and control the flow of information within divisions of UBS and among its subsidiaries, branches and affiliates. For further information on the ways in which UBS manages conflicts and maintains independence of its research products, historical performance information and certain additional disclosures concerning UBS research recommendations, please visit [www.ubs.com/disclosures](http://www.ubs.com/disclosures).

Research will initiate, update and cease coverage solely at the discretion of UBS Investment Bank Research Management, which will also have sole discretion on the timing and frequency of any published research product. The analysis contained in this document is based on numerous assumptions. All material information in relation to published research reports, such as valuation methodology, risk statements, underlying assumptions (including sensitivity analysis of those assumptions), ratings history etc. as required by the Market Abuse Regulation, can be found on NEO. Different assumptions could result in materially different results.

The analyst(s) responsible for the preparation of this document may interact with trading desk personnel, sales personnel and other parties for the purpose of gathering, applying and interpreting market information. UBS relies on information barriers to control the flow of information contained in one or more areas within UBS into other areas, units, groups or affiliates of UBS. The compensation of the analyst who prepared this document is determined exclusively by research management and senior management (not including investment banking). Analyst compensation is not based on investment banking revenues; however, compensation may relate to the revenues of UBS Investment Bank as a whole, of which investment banking, sales and trading are a part, and UBS's subsidiaries, branches and affiliates as a whole.

For financial instruments admitted to trading on an EU regulated market: UBS AG, its affiliates or subsidiaries (excluding UBS Securities LLC) acts as a market maker or liquidity provider (in accordance with the interpretation of these terms in the UK) in the financial instruments of the issuer save that where the activity of liquidity provider is carried out in accordance with the definition given to it by the laws and regulations of any other EU jurisdictions, such information is separately disclosed in this document. For financial instruments admitted to trading on a non-EU regulated market: UBS may act as a market maker save that where this activity is carried out in the US in accordance with the definition given to it by the relevant laws and regulations, such activity will be specifically disclosed in this document. UBS may have issued a warrant the value of which is based on one or more of the financial instruments referred to in the document. UBS and its affiliates and employees may have long or short positions, trade as principal and buy and sell in instruments or derivatives identified herein; such transactions or positions may be inconsistent with the opinions expressed in this document.

**United Kingdom and the rest of Europe:** Except as otherwise specified herein, this material is distributed by UBS Limited to persons who are eligible counterparties or professional clients. UBS Limited is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. **France:** Prepared by UBS Limited and distributed by UBS Limited and UBS Securities France S.A. UBS Securities France S.A. is regulated by the ACPR (Autorité de Contrôle Prudentiel et de Résolution) and the Autorité des Marchés Financiers (AMF). Where an analyst of UBS Securities France S.A. has contributed to this document, the document is also deemed to have been prepared by UBS Securities France S.A. **Germany:** Prepared by UBS Limited and distributed by UBS Limited and UBS Deutschland AG. UBS Deutschland AG is regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin). **Spain:** Prepared by UBS Limited and distributed by UBS Limited and UBS Securities España SV, SA. UBS Securities España SV, SA is regulated by the Comisión Nacional del Mercado de Valores (CNMV). **Turkey:**

Distributed by UBS Limited. No information in this document is provided for the purpose of offering, marketing and sale by any means of any capital market instruments and services in the Republic of Turkey. Therefore, this document may not be considered as an offer made or to be made to residents of the Republic of Turkey. UBS AG is not licensed by the Turkish Capital Market Board under the provisions of the Capital Market Law (Law No. 6362). Accordingly, neither this document nor any other offering material related to the instruments/services may be utilized in connection with providing any capital market services to persons within the Republic of Turkey without the prior approval of the Capital Market Board. However, according to article 15 (d) (ii) of the Decree No. 32, there is no restriction on the purchase or sale of the securities abroad by residents of the Republic of Turkey.

**Poland:** Distributed by UBS Limited (spółka z ograniczoną odpowiedzialnością) Oddział w Polsce regulated by the Polish Financial Supervision Authority. Where an analyst of UBS Limited (spółka z ograniczoną odpowiedzialnością) Oddział w Polsce has contributed to this document, the document is also deemed to have been prepared by UBS Limited (spółka z ograniczoną odpowiedzialnością) Oddział w Polsce.

**Russia:** Prepared and distributed by UBS Bank (OOO).

**Switzerland:** Distributed by UBS AG to persons who are institutional investors only. UBS AG is regulated by the Swiss Financial Market Supervisory Authority (FINMA).

**Italy:** Prepared by UBS Limited and distributed by UBS Limited and UBS Limited, Italy Branch. Where an analyst of UBS Limited, Italy Branch has contributed to this document, the document is also deemed to have been prepared by UBS Limited, Italy Branch.

**South Africa:** Distributed by UBS South Africa (Pty) Limited (Registration No. 1995/011140/07), an authorised user of the JSE and an authorised Financial Services Provider (FSP 7328).

**Israel:** This material is distributed by UBS Limited. UBS Limited is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. UBS Securities Israel Ltd is a licensed Investment Marketer that is supervised by the Israel Securities Authority (ISA). UBS Limited and its affiliates incorporated outside Israel are not licensed under the Israeli Advisory Law. UBS Limited is not covered by insurance as required from a licensee under the Israeli Advisory Law. UBS may engage among others in issuance of Financial Assets or in distribution of Financial Assets of other issuers for fees or other benefits. UBS Limited and its affiliates may prefer various Financial Assets to which they have or may have Affiliation (as such term is defined under the Israeli Advisory Law). Nothing in this Material should be considered as investment advice under the Israeli Advisory Law. This Material is being issued only to and/or is directed only at persons who are Eligible Clients within the meaning of the Israeli Advisory Law, and this material must not be relied on or acted upon by any other persons.

**Saudi Arabia:** This document has been issued by UBS AG (and/or any of its subsidiaries, branches or affiliates), a public company limited by shares, incorporated in Switzerland with its registered offices at Aeschenvorstadt 1, CH-4051 Basel and Bahnhofstrasse 45, CH-8001 Zurich. This publication has been approved by UBS Saudi Arabia (a subsidiary of UBS AG), a Saudi closed joint stock company incorporated in the Kingdom of Saudi Arabia under commercial register number 1010257812 having its registered office at Tatweer Towers, P.O. Box 75724, Riyadh 11588, Kingdom of Saudi Arabia. UBS Saudi Arabia is authorized and regulated by the Capital Market Authority to conduct securities business under license number 08113-37.

**Dubai:** The information distributed by UBS AG Dubai Branch is intended for Professional Clients only and is not for further distribution within the United Arab Emirates.

**United States:** Distributed to US persons by either UBS Securities LLC or by UBS Financial Services Inc., subsidiaries of UBS AG; or by a group, subsidiary or affiliate of UBS AG that is not registered as a US broker-dealer (a "non-US affiliate") to major US institutional investors only. UBS Securities LLC or UBS Financial Services Inc. accepts responsibility for the content of a document prepared by another non-US affiliate when distributed to US persons by UBS Securities LLC or UBS Financial Services Inc. All transactions by a US person in the securities mentioned in this document must be effected through UBS Securities LLC or UBS Financial Services Inc., and not through a non-US affiliate. UBS Securities LLC is not acting as a municipal advisor to any municipal entity or obligated person within the meaning of Section 15B of the Securities Exchange Act (the "Municipal Advisor Rule"), and the opinions or views contained herein are not intended to be, and do not constitute, advice within the meaning of the Municipal Advisor Rule.

**Canada:** Distributed by UBS Securities Canada Inc., a registered investment dealer in Canada and a Member-Canadian Investor Protection Fund, or by another affiliate of UBS AG that is registered to conduct business in Canada or is otherwise exempt from registration.

**Mexico:** This report has been distributed and prepared by UBS Casa de Bolsa, S.A. de C.V., UBS Grupo Financiero, an entity that is part of UBS Grupo Financiero, S.A. de C.V. and is an affiliate of UBS AG. This document is intended for distribution to institutional or sophisticated investors only. Research reports only reflect the views of the analysts responsible for the reports. Analysts do not receive any compensation from persons or entities different from UBS Casa de Bolsa, S.A. de C.V., UBS Grupo Financiero, or different from entities belonging to the same financial group or business group of such. For Spanish translations of applicable disclosures, please see [www.ubs.com/disclosures](http://www.ubs.com/disclosures).

**Brazil:** Except as otherwise specified herein, this material is prepared by UBS Brasil CCTVM S.A. to persons who are eligible investors residing in Brazil, which are considered to be: (i) financial institutions, (ii) insurance firms and investment capital companies, (iii) supplementary pension entities, (iv) entities that hold financial investments higher than R\$300,000.00 and that confirm the status of qualified investors in written, (v) investment funds, (vi) securities portfolio managers and securities consultants duly authorized by Comissão de Valores Mobiliários (CVM), regarding their own investments, and (vii) social security systems created by the Federal Government, States, and Municipalities.

**Hong Kong:** Distributed by UBS Securities Asia Limited and/or UBS AG, Hong Kong Branch.

**Singapore:** Distributed by UBS Securities Pte. Ltd. [MCI (P) 007/09/2016 and Co. Reg. No.: 198500648C] or UBS AG, Singapore Branch. Please contact UBS Securities Pte. Ltd., an exempt financial adviser under the Singapore Financial Advisers Act (Cap. 110); or UBS AG, Singapore Branch, an exempt financial adviser under the Singapore Financial Advisers Act (Cap. 110) and a wholesale bank licensed under the Singapore Banking Act (Cap. 19) regulated by the Monetary Authority of Singapore, in respect of any matters arising from, or in connection with, the analysis or document. The recipients of this document represent and warrant that they are accredited and institutional investors as defined in the Securities and Futures Act (Cap. 289).

**Japan:** Distributed by UBS Securities Japan Co., Ltd. to professional investors (except as otherwise permitted). Where this document has been prepared by UBS Securities Japan Co., Ltd., UBS Securities Japan Co., Ltd. is the author, publisher and distributor of the document. Distributed by UBS AG, Tokyo Branch to Professional Investors (except as otherwise permitted) in relation to foreign exchange and other banking businesses when relevant.

**Australia:** Clients of UBS AG: Distributed by UBS AG (Holder of Australian Financial Services License No. 231087). Clients of UBS Securities Australia Ltd: Distributed by UBS Securities Australia Ltd (Holder of Australian Financial Services License No. 231098). This Document contains general information and/or general advice only and does not constitute personal financial product advice. As such, the Information in this document has been prepared without taking into account any investor's objectives, financial situation or needs, and investors should, before acting on the Information, consider the appropriateness of the Information, having regard to their objectives, financial situation and needs. If the Information contained in this document relates to the acquisition, or potential acquisition of a particular financial product by a 'Retail' client as defined by section 761G of the Corporations Act 2001 where a Product Disclosure Statement would be required, the retail client should obtain and consider the Product Disclosure Statement relating to the product before making any decision about whether to acquire the product. The UBS Securities Australia Limited Financial Services Guide is available at: [www.ubs.com/ecs-research-fsg](http://www.ubs.com/ecs-research-fsg).

**New Zealand:** Distributed by UBS New Zealand Ltd. UBS New Zealand Ltd is not a registered bank in New Zealand. The information and recommendations in this publication are provided for general information purposes only. To the extent that any such information or recommendations constitute financial advice, they do not take into account any person's particular financial situation or goals. We recommend that recipients seek advice specific to their circumstances from their financial advisor.

**Korea:** Distributed in Korea by UBS Securities Pte. Ltd., Seoul Branch. This document may have been edited or contributed to from time to time by affiliates of UBS Securities Pte. Ltd., Seoul Branch.

**Malaysia:** This material is authorized to be distributed in Malaysia by UBS Securities Malaysia Sdn. Bhd (Capital Markets Services License No.: CMSL/A0063/2007). This material is intended for professional/institutional clients only and not for distribution to any retail clients.

**India:** Distributed by UBS Securities India Private Ltd. (Corporate Identity Number U67120MH1996PTC097299) 2/F, 2 North Avenue, Maker Maxity, Bandra Kurla Complex, Bandra (East), Mumbai (India) 400051. Phone: +912261556000. It provides brokerage services bearing SEBI Registration Numbers: NSE (Capital Market Segment): INB230951431, NSE (F&O Segment) INF230951431, NSE (Currency Derivatives Segment) INE230951431, BSE (Capital Market Segment) INB010951437; merchant banking services bearing SEBI Registration Number: INM000010809 and Research Analyst services bearing SEBI Registration Number: INH000001204. UBS AG, its affiliates or subsidiaries may have debt holdings or positions in the subject Indian company/companies. Within the past 12 months, UBS AG, its affiliates or subsidiaries may have received compensation for non-investment banking securities-related services and/or non-securities services from the subject Indian company/companies. The subject company/companies may have been a client/clients of UBS AG, its affiliates or subsidiaries during the 12 months preceding the date of distribution of the research report with respect to investment banking and/or non-investment banking securities-related services and/or non-securities services. With regard to information on associates, please refer to the Annual Report at: [http://www.ubs.com/global/en/about\\_ubs/investor\\_relations/annualreporting.html](http://www.ubs.com/global/en/about_ubs/investor_relations/annualreporting.html)

The disclosures contained in research documents produced by UBS Limited shall be governed by and construed in accordance with English law.

UBS specifically prohibits the redistribution of this document in whole or in part without the written permission of UBS and UBS accepts no liability whatsoever for the actions of third parties in this respect. Images may depict objects or elements that are protected by third party copyright, trademarks and other intellectual property rights. © UBS 2016. The key symbol and UBS are among the registered and unregistered trademarks of UBS. All rights reserved.

