



December 2016

Saudi Chartbook

Summary

Real Economy: October data showed a mixed picture in economic activity. We expect activity to strengthen in the last two months of 2016 as a result of the government resuming payments to contractors.

Government Finance: A record SR136 billion monthly fall was recorded in government accounts with SAMA during October, reflecting the resumption of government payments to contractors and other service providers.

SAMA Foreign Reserve Assets: SAMA foreign reserve assets fell by \$11 billion in October, the third largest decline in 2016.

Bank Lending: Long-term credit maturities continued to contribute only marginally towards overall growth in private sector credit. Looking ahead, we expect sentiment to play a larger role in determining the growth in private sector credit.

Bank Deposits and Liquidity: Total bank deposits increased by SR27.1 billion in October, rising by its fastest pace in thirteen months, boosted mainly by a net addition to private sector deposits.

Inflation: Saudi CPI slowed for the seventh consecutive month.

Non-oil Trade: September data showed non-oil exports and imports falling to six and five year-lows respectively. We see falling imports as a reflection of a stronger Riyal (due to a strengthening US Dollar) rather than weaker demand.

Overall Trade: Year-to-September data on the monthly value of oil exports showed the Kingdom earning \$96 billion in oil export revenue, compared with \$128 billion during the same period in 2015.

Oil - Global: OPEC agreed to cut production by 1.2 mbpd (to 32.5 mbpd) which led to Brent oil prices rising by 9 percent immediately after. Whether prices remain elevated will depend on OPEC implementing its agreement with discipline from January onwards.

Oil - Regional: Saudi crude oil production was 10.6 mbpd in October.

Exchange Rates: Latest survey data shows a very high probability of US interest rates rising by 25 basis points in December.

Stock Market: Positive sentiment from October's international bond sale and a recommencement of payments to contractors by government, pushed the TASI up by 16 percent month-on-month in November. This was the largest monthly rise since April 2009.

Volumes: Turnover in the TASI edged up in November.

Valuations: TASI price-to-earnings (PE) rose in November.

Sectoral Performance: All 15 sectors were up in November.

Third quarter 2016 results: Net-income of listed companies totaled SR28.3 billion in Q3 2016, which was flat year-on-year.

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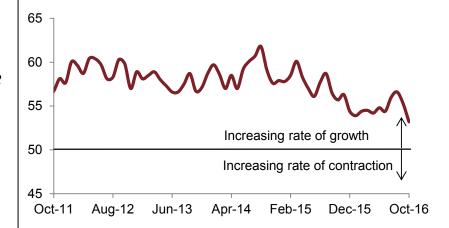
Real Economy

October data showed a mixed picture in economic activity. Data on consumer spending and cement sales and production pointed to a rise in activity. Meanwhile, the non-oil PMI fell to a new record low. We expect economic activity to strengthen in the last two months of 2016 as a result of the government resuming its payments, however, downside risks stem from lower growth in bank credit.

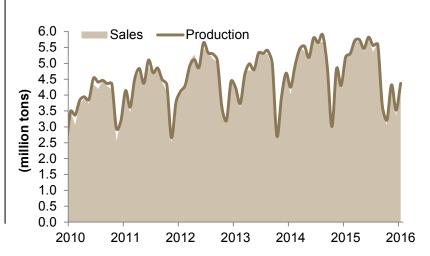
Indicators of Consumer Spending



Purchasing Managers' Index



Cement Sales and Production



Year-on-year growth in consumer spending reached 0.9 percent in October following a decline of -4.3 percent in the previous month.

The non-oil PMI fell to 53.2 in October, a new record low, but still points to an expansion in activity.

Month-on-month cement sales and production rose by 1 million tons, and 0.8 million tons, respectively.

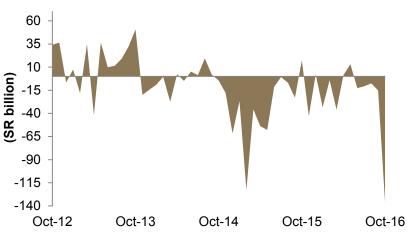


Government Finance

The monthly change to government accounts with SAMA posted a record fall in October, reflecting the resumption of government payments to contractors and other service providers. The majority of this decline came form the government reserve account. Monthly debt statistics showed that the Kingdom's outstanding debt rose from SR273.8 billion in August to SR342.4 billion in November.

Net Change to Government Accounts with SAMA

(month-on-month change)



Breakdown of Government Accounts with SAMA



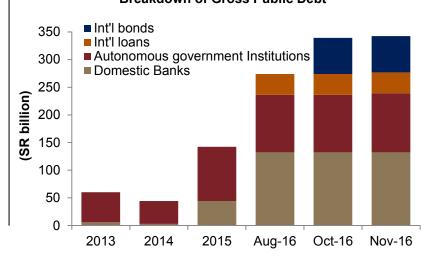
Breakdown of Gross Public Debt

Oct-14

Oct-15

Oct-16

Oct-13



Government accounts with SAMA fell by SR136 billion in October, its largest net decline on record.

This decline was mainly due to a net withdrawal from government reserve (-SR100 billion), and government current deposits (-SR36.7 billion).

> -150 -200

> > Oct-12

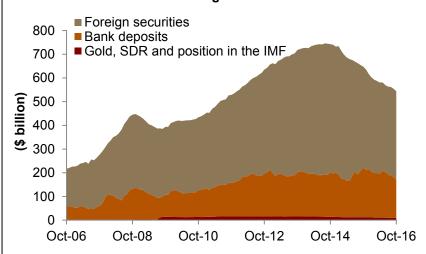
Meanwhile, monthly debt statistics showed that the Kingdom's total debt stood at SR342.4 billion (14.5 percent of projected GDP) in November.



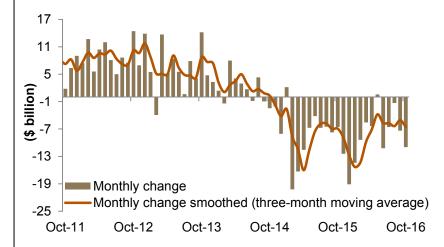
SAMA Foreign Reserve Assets

SAMA foreign reserve assets fell by \$11 billion in October, the third largest decline in 2016. This likely reflects the significant withdrawal from government accounts (see government finance) to resume fiscal spending on the economy before the end of 2016. That said, foreign reserve coverage remains at comfortable levels to finance imports.

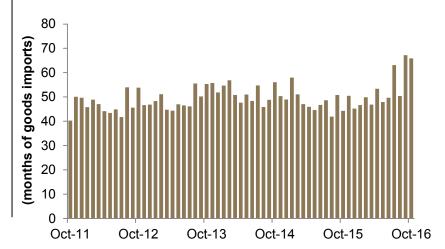
SAMA Total Foreign Reserve Assets



Net Monthly Change to SAMA Foreign Reserve Assets



Foreign Reserve Coverage of Goods Imports



SAMA foreign reserves fell by \$11 billion, month-onmonth to reach \$544 billion in October...

...representing the third largest monthly decline in 2016...

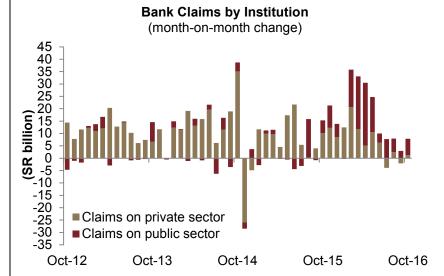
...however, due to the falling value of imported goods (see non-oil trade page), reserve coverage remains at very comfortable levels, around 66 months in October.



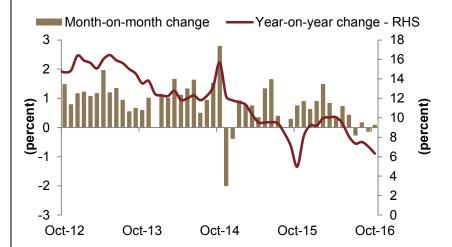
Bank Lending

Bank claims on both the public and private sectors showed slight monthly increases in October. Long-term credit maturities continued to contribute only marginally towards overall growth in private sector credit, partly reflecting heightened caution by banks. Looking ahead, we expect sentiment to play a greater role in determining the growth in private sector credit.

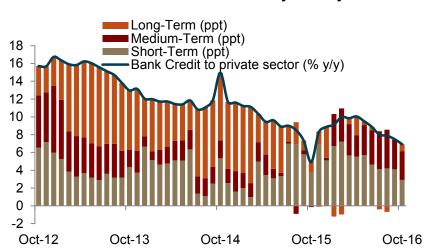
October Bank claims on both the public and private sectors rose by SR6.6 billion and SR1.3 billion respectively.



Bank Credit to Private Sector



Contribution to Credit Growth by Maturity



Year-on-year growth in private sector credit slowed to 6.3 percent, down from 7.0 percent in September.

Average contribution from long-term credit maturities towards overall private sector credit fell from 40 percent in 2015 to only 1.2 percent year-to-October 2016.

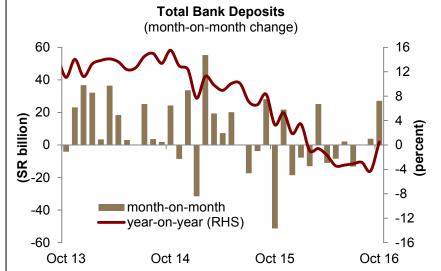


Bank Deposits and Liquidity

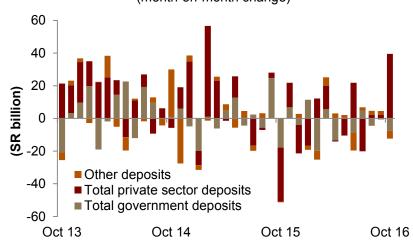
Total bank deposits increased by SR27.1 billion in October, rising by the fastest pace in thirteen months. Deposits were boosted mainly by a net addition to private sector deposits as the government resumed payments to contractors (see government finance). We expect a continuation of this growth over the next two months as well. Meanwhile, domestic liquidity conditions have started to ease.

Total bank deposits rose by SR27.1 billion, month-on-month, with annual growth returning to the positive territory (0.5 percent) for the

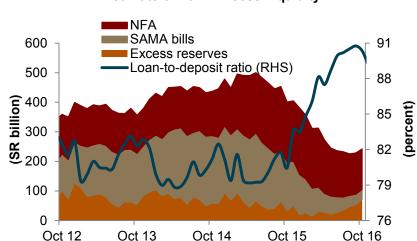
first time in nine months...



Breakdown of Deposits by Institution (month-on-month change)



Estimate of Bank Excess Liquidity



...mainly owing to a large increase in private sector deposits (SR39.5 billion), which have apparently benefited from the resumption in government payments.

Our estimate of bank excess liquidity showed a monthly rise of SR13.7 billion, the largest since December 2014.



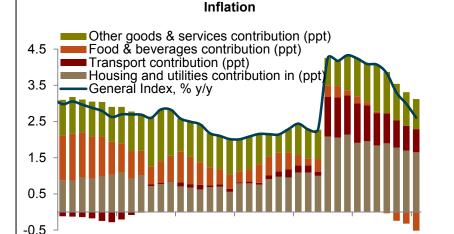
Inflation

Oct-13

Apr-14

Saudi CPI slowed for the seventh consecutive month, reaching 2.6 percent, year-on-year in October, its lowest since the start of the year. This slowdown is largely due to a negative contribution from foodstuffs. Meanwhile, housing and the core index continued to trend downwards, partly impacted by the negative growth in money supply. That said, we expect the recent rebound in money supply growth to stabilize the slowing trend in prices.

Inflation continued to slow, reaching 2.6 percent in October, its lowest in 2016.



Headline, Housing, Food, and Core Inflation

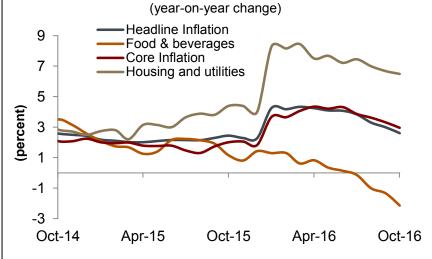
Apr-15

Oct-15

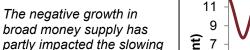
Apr-16

Oct-16

Oct-14



Prices of foodstuffs fell by -2.1 percent, year-on-year, the largest decline since January 2001, while housing and the core index continued to post gradual slowdowns.



trend in inflation, but we expect this slowdown to reverse as money supply growth turns positive.

15 M3 (% y/y) 3.5 Inflation excluding rents, RHS 13 11 3.0 (percent) 7 2.5 5 2.0 **e** 3 1 1.5 -1 -3 -5 1.0 Nov-14 May-15 Nov-15 Nov-16 May-16

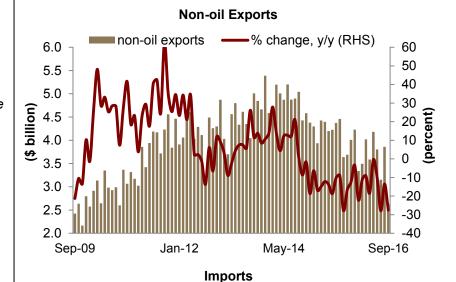
Broad Money Supply (M3) and Inflation



Non-oil Trade

September data showed non-oil exports and imports falling to six and five-year-lows, respectively. Non-oil exports fell as a result of persistently subdued global demand in 2016. Meanwhile, subdued imports are a reflection of a stronger Riyal vis-à-vis the US Dollar (see exchange rates section), since volumes imported from Jeddah Islamic Port, the Kingdom's largest, have been rising modestly.

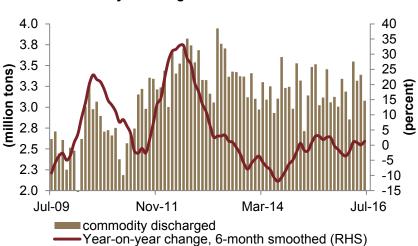
September exports fell by \$2.6 billion, the lowest since September 2010...



16 50 40 15 30 14 20 13 billion) 12 11 <u>•</u> 10 -20 9 8 -30 -40 7 Sep-09 Jan-12 Sep-16 Imports % change, y/y (RHS)

...while imports fell to \$8.3 billion, the lowest since February 2011...

Commodity Discharged From Jeddah Islamic Port



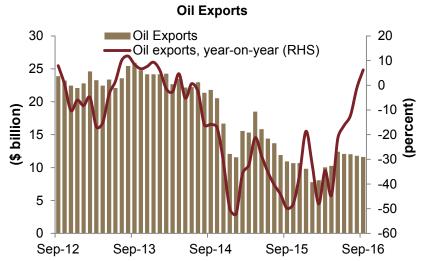
...however, import volumes did not fall as much. This suggests a price effect is taking place as a result of a stronger Riyal, rather than weaker domestic demand.



Overall Trade

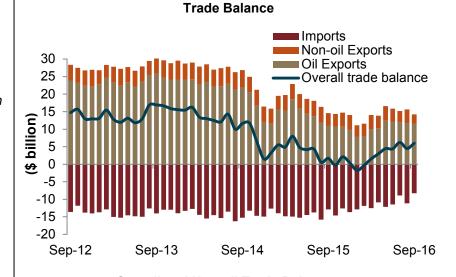
New data on the monthly value of oil exports showed the Kingdom earning \$96 billion year-to-September in oil export revenue, compared with \$128 billion during the same period in 2015. However, a rising trend in oil exports during Q3, coupled with a falling value of imports (see previous page) has led to an improvement in the Kingdom's trade surplus in recent months.

Oil exports have recently shown an improving trend.

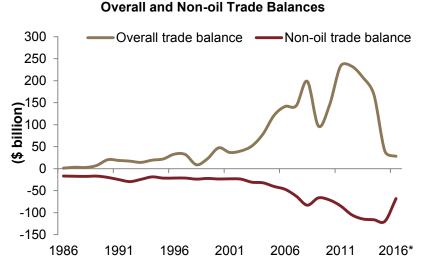


Note: Jadwa Investment estimates for period prior to September 2014.

The Kingdom's trade surplus rose from \$4.5 billion in August to \$6 billion in September.



The decline in the value of imports, coupled with generally lower oil exports, has led to a narrowing gap between total and non-oil trade balances during 2016.



Note: *2016 trade balances are year-to-September.



Oil - Global

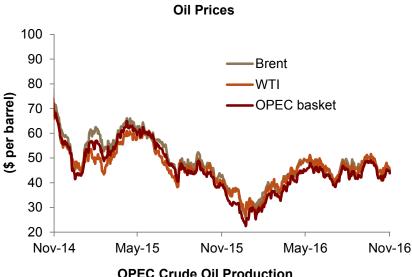
Brent oil prices dropped by a sizable 10 percent and WTI 9 percent month-on-month in November as doubts built up during the month as to whether OPEC would agree to cut production. Despite this, OPEC did end up agreeing to cut production by 1.2 mbpd (to 32.5 mbpd) after meeting on 30th of November.

Brent prices were down 10 percent month-on-month in November...

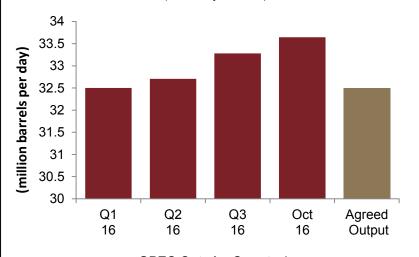
...although they rebounded by 8 percent immediately

after OPEC agreed to cut

November.



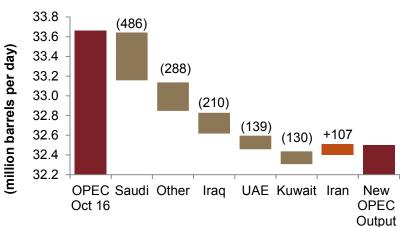
OPEC Crude Oil Production (Secondary Sources)



production by 1.2 mbpd (to 32.5 mbpd) on 30th of

OPEC Cuts by Country*

(Other includes: Angola, Ecuador, Gabon, Qatar, Venezuela)



Oil prices could rise even further in the short term, but whether they remain elevated will depend on OPEC implementing its agreement with discipline from January 2017.

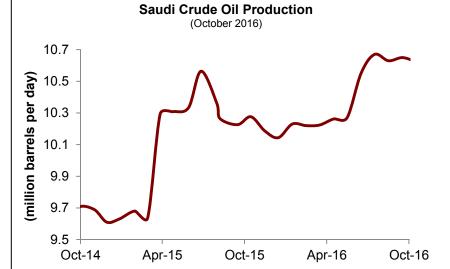
^{*}OPEC exempted Nigeria and Libya from cuts



Oil - Regional

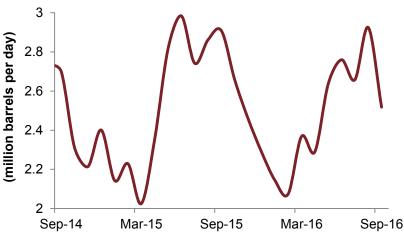
Saudi crude oil production was unchanged at 10.6 million barrels per day (mbpd) in October, month-on-month, and we expect similar levels in output in November and December. OPEC agreed to cut production in its current meeting, with Saudi production expected to fall to 10 mbpd, commencing January 2017.

Saudi crude oil production is currently at 10.6 mbpd and we expect November data to show no change.



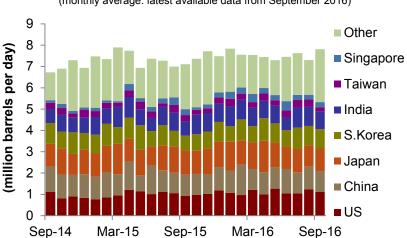
Saudi Crude and Refined Product Demand

(monthly average: latest available data from September 2016)



Saudi Crude Oil Exports by Destination

(monthly average: latest available data from September 2016)



Latest available data shows that Saudi demand for crude and refined products fell by 400 tbpd in September...

...whilst Saudi exports rose by 500 tbpd over the same period, to 7.8 mbpd. In light of this, we expect to see Saudi exports rising even higher in October as domestic consumption continues to decline monthon-month.

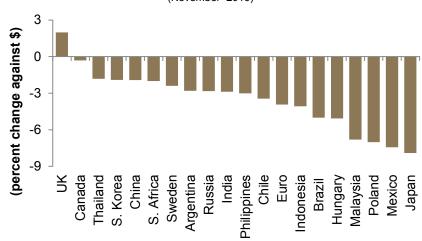


Exchange Rates

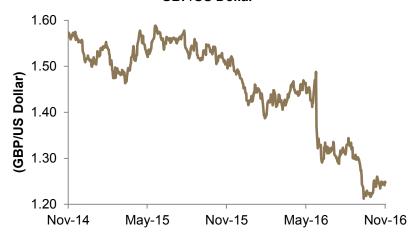
An upward revision in the US Q3 2016 GDP figure combined with a victory for the Republican party at US Presidential elections saw the US Dollar rise in November. The President-elect's policies related to infrastructure investment are seen as inflationary, which have raised expectations of a US interest rate hike in December.

Monthly Gain/Loss Against US Dollar

(November 2016)

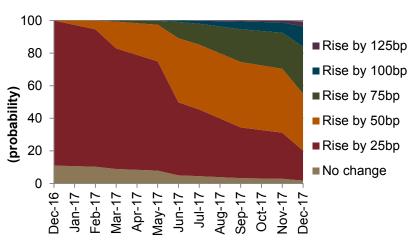


GBP/US Dollar



Probability of US Interest Rate Rises

(survey of expected rise in Federal Fund rate in basis points (bp) by date)



The US Dollar was up against all but one major currency, the UK Pound, in November...

...although the pound had dropped steeply prior to November, due to uncertainty linked to 'Brexit'.

Latest survey data shows a very high probability of a US interest rate rise, by 25 basis points (bp), in December, with further hikes expected throughout 2017. This would imply continued dollar strength in the months ahead.



Stock Market

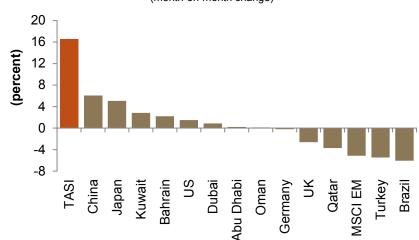
Positive sentiment from October's international bond sale and a recommencement of payments to contractors by government, pushed the TASI up by 16 percent month-on-month in November. This was the largest monthly rise since April 2009. Going forward, TASI's performance is likely to be influenced by expectations around the Saudi budget, which is usually released at the end of December.

TASI up by 16 percent month-on-month in November...



20 15 10 (percent) 5 0 -5 -10 -15 -20 Nov-06 Nov-10 Nov-08 Nov-12 Nov-16 Nov-14

Comparative Stock Market Performance (month-on-month change)



...its largest monthly rise in 7 years...

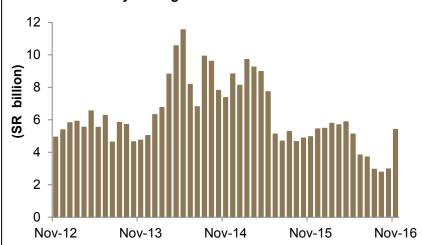
...which saw it outperform major global and regional equity markets.



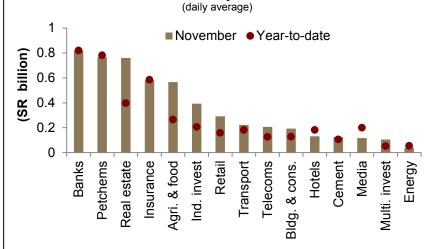
Volumes

Turnover in the TASI reflected increased investor activity by edging up in November, which led to market turnover recovering close to year-to-date average in most sectors. This comes in response to the Kingdom's sovereign bond success last month. We expect volumes to continue their upward movement in December.

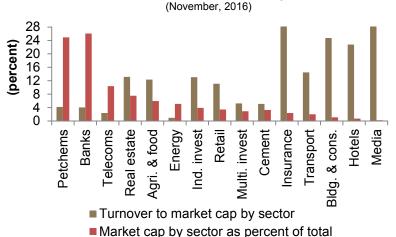
Daily Average Stock Market Turnover



Turnover by Sector



Turnover as Percent of Market Capitalization



November's rise in TASI's monthly performance was accompanied by an improvement in traded volumes...

...as average daily turnover reached a four-month high for most sectors.

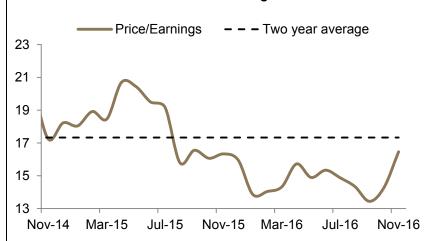
We expect volumes to continue picking up in the month ahead.



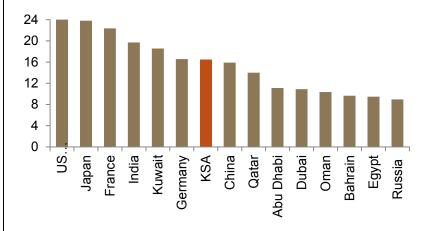
Valuations

TASI's strengthening monthly performance was mirrored in the benchmark's marginal price-to-earnings (PE) increase. This marks a 2016 high, and the closest PE has trended to the two-year average since September 2015. TASI's PE remains competitive against emerging markets and in-line with regional counterparts.

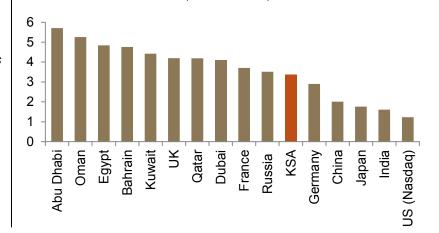
TASI Price-to-Earnings Ratio



Comparative Price-to-Earnings Ratios (end of month)



TASI Dividend Yield Ratios (end of month)



PE continued to edge upwards in November to 16.47, but still trends below the two-year average of 17.33...

...making it more in-line with emerging markets...

...although the benchmark's dividend yield is slightly lagging behind regional averages.

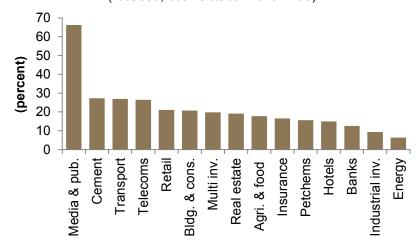


Sectoral Performance

All fifteen sectors were up in November in line with the TASI. Sector performance could become more differentiated in the month ahead as the Saudi budget is released with allocations for certain segments having a knock-on effect on each sector.

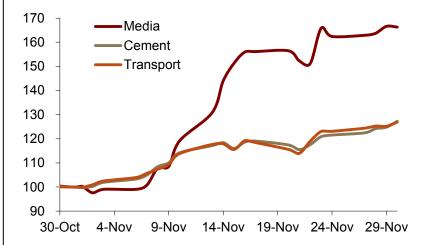
Performance by Sector

(rebased; 30th October 2016= 100)



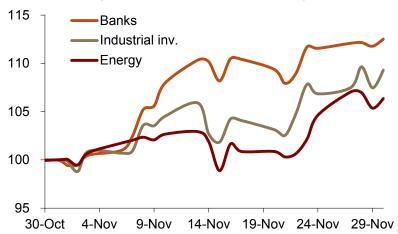
Best Performing Sectors

(rebased; 30th October 2016= 100)



Worst Performing Sectors

(rebased; 30th October 2016= 100)



All sectors were up in November.

Sector performance could become more differentiated in the month ahead...

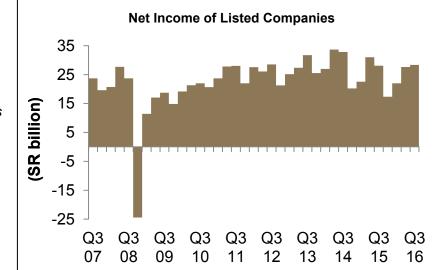
...as the Saudi budget is released with allocated budgets likely to affect the outlook of each sector.



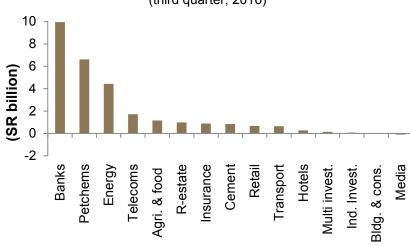
Third quarter 2016 results

Net-income of listed companies totaled SR28.3 billion in Q3 2016. Year-on-year growth was virtually flat, rising by 1 percent, whilst quarter-on-quarter net-income rose by 3 percent. The banking sector remains the largest contributor to net-income of listed companies.

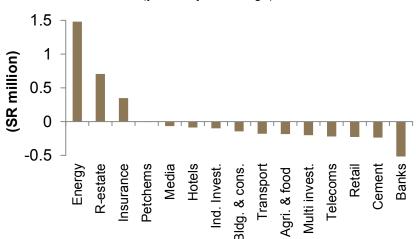
Net-income of listed companies in Q3 2016 was virtually flat, rising by 1 percent year-on-year....



Net Income by Sector (third quarter, 2016)



Net Income by Sector (year-on-year change)



...with the banking sector being the most profitable....

...whilst energy sector saw the largest year-on-year rise in net income, perhaps due to higher electricity tariffs which took effect from the beginning of 2016.



Key Data

	2009	2010	2011	2012	2013	2014	2015	2016F	2017F
Nominal GDP									
(SR billion)	1,609	1,976	2,511	2,752	2,791	2,827	2,423	2,360	2,591
(\$ billion)	429.1	527	670	734	744	754	646	629	691
(% change)	-17.4	22.8	27.1	9.6	1.4	1.3	-14.3	-2.6	9.8
Real GDP (% change)									
Oil	-8.0	-0.1	12.2	5.1	-1.6	2.1	3.97	2.1	0.6
Non-oil private sector	4.9	9.7	8.0	5.5	7.0	5.4	3.38	0.7	1.0
Government	6.3	7.4	8.4	5.3	5.1	3.7	2.49	-0.6	-0.7
Total	1.8	4.8	10.0	5.4	2.7	3.6	3.49	1.1	0.6
Oil indicators (average)									
Brent (\$/b)	61.7	79.8	112.2	112.4	109.6	99.4	52.1	43.8	54.5
Saudi (\$/b)	60.4	77.5	103.9	106.1	104.2	95.7	49.4	40.8	51.5
Production (million b/d)	8.2	8.2	9.3	9.8	9.6	9.7	10.2	10.3	10.4
Troduction (million b/d)	0.2	0.2	0.0	0.0	0.0	0.7	10.2	10.0	10.4
Budgetary indicators (SR billion)									
Government revenue	510	742	1,118	1,247	1,156	1,044	616	585	664
Government expenditure	596	654	827	873	976	1,110	978	850	815
Budget balance	-87	88	291	374	180	-66	-362	-265	-151
(% GDP)	-5.4	4.4	11.6	13.6	6.5	-2.3	-15.0	-11.2	-5.8
Gross public debt	225	167	135	99	60	44	142	338	474
(% GDP)	14.0	8.5	5.4	3.6	2.2	1.6	5.9	14.3	18.3
Monetary indicators (average)									
Inflation (% change)	4.1	3.8	3.7	2.9	3.5	2.7	2.2	3.7	2.0
SAMA base lending rate (%, year end)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0
External trade indicators (\$ billion)									
Oil export revenues	167	215	318	337	322	285	155	132	160
Total export revenues	192	251	365	388	376	342	202	181	213
Imports	87	97	120	142	153	158	155	146	145
Trade balance	105	154	245	247	223	184	47	35	68
Current account balance	21	67	159	165	135	74	-53	-52	-21
(% GDP)	4.9	12.7	23.7	22.4	18.2	9.8	-8.3	-8.3	-3.1
Official reserve assets	410	445	544	657	726	732	616	523	460
Social and demographic indicators									
Population (million)	26.7	27.4	28.2	28.9	29.6	30.3	31.0	31.7	32.4
Saudi unemployment (15+, %)	10.5	10.5	12.4	12.1	11.7	11.7	11.5	12.0	11.6
GDP per capita (\$)	16,095	19,211	23,766	25,401	25,146	24,878	20,828	19,823	21,322

Sources: Jadwa Investment forecasts for 2016, and 2017. Saudi Arabian Monetary Agency for GDP, monetary and external trade indicators. Ministry of Finance for budgetary indicators. General Authority for Statistics and Jadwa estimates for oil, social and demographic indicators.



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