# State of the Economy

## **Office of the Chief Economic Adviser**



State of the Economy

Office of the Chief Economic Adviser

June 2018

## State of the Economy

Dr Gary Gillespie

Chief Economist

29 June 2018

### State of the Economy

This report outlines recent developments in the global, UK and Scottish economies. Updates are provided on a periodic basis and the data in this edition are correct up to and including 27 June 2018.

To view the report online please visit: <u>https://beta.gov.scot/economy/</u>



Information published by the Office of the Chief Economic Adviser can be followed on Twitter: @ScotGovOCEA.

Feedback and comments on this report are welcome and can be provided using the email address below:

OCEABusiness@gov.scot

## **Overview**

The latest economic data show that the Scottish economy strengthened in 2017 and growth continued into the first quarter of 2018. The outlook for the economy remains positive but there remains a number of Brexit related risks which are impacting on business confidence and investment.

At a time when global growth is forecast at close to 4 per cent in 2018 and 2019, with Sterling continuing to trade below levels in recent years, growth in the UK and Scotland remain muted in comparison.

For Scotland, the rebound in North Sea output, profitability and confidence, following a difficult three year period should support stronger growth in that sector and Scotland this year and beyond. The recent GDP data indicates strengthening in production (and manufacturing) related activities in Scotland, which is positive. Similarly, growth in services remains close to trend, reflecting the strong labour market in Scotland, which has seen unemployment remain close to record lows at just over 4 per cent and employment growth and inactivity both continuing to strengthen.

However, construction activity has continued to contract in the first quarter of 2018, which is the latest in a series of quarterly declines. The adverse weather is likely to have had a temporary impact on output from the sector in Scotland and across the UK as a whole at the start of the year. However, the longer term adjustment back to more normal levels of output following exceptionally fast growth in 2015, alongside recent construction firm closures, suggests this remains a difficult period for this sector. The most recent business survey evidence does however suggest positive activity in the sector alongside a pick-up in business confidence.

In the previous State of Economy, I highlighted the potential impact of weaker investment on output growth throughout 2018 and 2019 related to Brexit and the consequences of lower migration on a tightening labour market for recruitment. On Brexit, as uncertainty remains in relation to post exit transition plans, we may see increased volatility in economic data as firms bring forward activity, such as stock purchases, to hedge against disruptions in supply lines or invest to consolidate their supplies. Similarly, on recruitment we are seeing evidence of upward pressure on wages which will help household incomes.

Finally, the independent growth forecasts for Scotland remain muted at between 0.7 and 1.3 per cent in 2018 with slighter stronger growth forecast in 2019. The current range reflects the uncertainty at this time, while the longer term challenges, which are affecting many advanced economies, of weak productivity growth and slow population growth remain important for Scotland.

However, recent trends in exports and inward investment to Scotland, coupled with strong labour market performance continue to demonstrate the underlying resilience of Scotland's economy.

## **Global Summary**

#### Stronger global growth forecast amidst trade tensions.

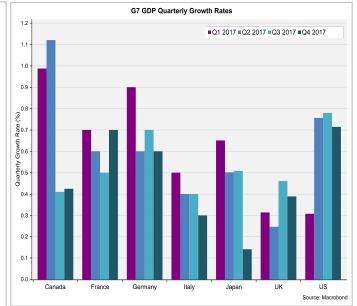
- The global economy grew 3.8% in 2017 its fastest pace since 2011.
- Stronger growth in Advanced Economies has been driven by higher investment and accommodative monetary conditions.
- In Emerging Market and Developing Economies, stronger growth has been driven by faster consumption growth and a pick-up in commodity prices for exporting countries.
- Global activity indicators softened in Q1 2018 alongside an increase in global trade tensions.
- Underlying momentum is expected to persist with the IMF forecasting growth to accelerate to 3.9% in 2018 and 2019.

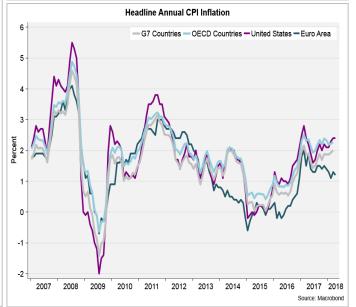
#### Stronger US GDP growth forecast for 2018.

- US GDP growth accelerated to 2.3% in 2017 (1.5% in 2016), with a pick-up in non-residential fixed investment and exports. Quarterly growth eased slightly in Q1 2018 to 0.5%.
- The US labour market has remained tight at the start of 2018 with unemployment falling to 3.8% in May while earnings growth has remained broadly stable.
- US CPI inflation continued its upward trend in May to 2.8% with further upward pressure expected from robust domestic activity (supported by tax cuts) and rising energy prices.
- US GDP growth is forecast to accelerate to 2.9% in 2018 before easing slightly to 2.7% in 2019.

#### Stronger Euro Area growth forecast for 2018.

- Euro Area growth accelerated in 2017 to 2.5% (1.7% in 2016), however, quarterly growth softened in Q1 2018 to 0.4%.
- The Euro Area unemployment rate fell slightly in April to 8.5%; the lowest rate since December 2008.
- Euro Area CPI inflation rose to 1.9% in May (1.3% in April) with Services and Energy driving the increase.
- Euro Area GDP growth is forecast to accelerate to 2.4% in 2018 supported by stronger underlying economic sentiment.







GDP Growth (%)	Outturn	Projections		Revisions from January 2018		
IMF WEO (Apr 2018)	2017	2018	2019	2018	2019	
World Output	3.8	3.9	3.9	0.0	0.0	
Advanced Economies	2.3	2.5	2.2	0.2	0.0	
United States	2.3	2.9	2.7	0.2	0.2	
Euro Area	2.3	2.4	2.0	0.2	0.0	
United Kingdom	1.8	1.6	1.5	0.1	0.0	
Japan	1.7	1.2	0.9	0.0	0.0	
Emerging Markets and Developing Economies	4.8	4.9	5.1	0.0	0.1	
China	6.9	6.6	6.4	0.0	0.0	
India	6.7	7.4	7.8	0.0	0.0	
Brazil	1.0	2.3	2.5	0.4	0.4	
Russia	1.5	1.7	1.5	0.0	0.0	
South Africa	1.3	1.5	1.7	0.6	0.8	



## **United Kingdom Summary**

#### GDP growth slowed in Q1 2018.

- UK GDP (second estimate) grew 0.1% in the first quarter of 2018, down from 0.4% growth in Q4 2017.
- The Service sector grew 0.3% in Q1, with Business Services and Finance driving growth while output from Retail and Distribution, Hotels and Catering fell slightly.
- The Production sector grew 0.6% in Q1 supported by 2.2% growth in Mining and Quarrying while Manufacturing growth slowed to 0.2%.
- Construction sector output contracted 2.7% in Q1, the weakest quarterly construction growth since 2012

#### Labour market performing strongly at start of 2018.

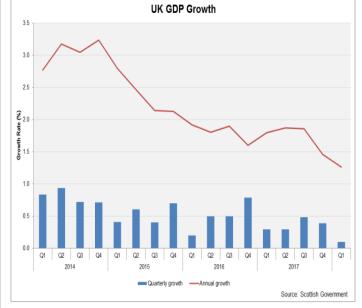
- Latest data for Feb-Apr 2018 show that the employment rate has risen to 75.6%.
- The unemployment rate has fallen over the recent quarter and year to 4.2%.
- The inactivity rate has fallen over the recent quarter and year to 21.0%.
- Nominal earnings growth (regular pay) eased to 2.8% while real wages grew 0.4% over the year to Feb-Apr 2018.
- Labour productivity growth rebounded in the second half of 2017, growing 0.7% in Q4 and 0.6% over the year.

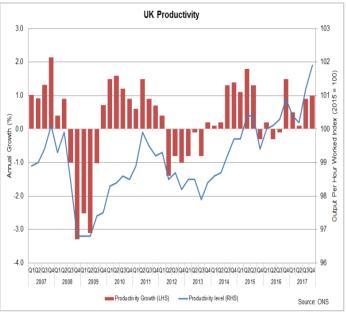
#### Inflation on a downward trend in 2018.

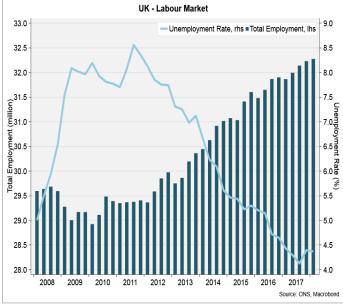
- CPI inflation in May was unchanged from April's rate of 2.4%. The rate of inflation has slowed from 3.0% in January, as the effects of Sterling's past depreciation fade.
- The recent fall in inflation and softer output performance have led the MPC to keep the Bank Rate unchanged at 0.5% since November 2017.

#### UK growth forecasts soften for 2018.

- Growth is forecast to slow in 2018 with the Bank of England forecasting growth of 1.4%, accelerating to 1.7% in 2019.
- The slower growth outlook reflects temporary weather related headwinds at the start of 2018 alongside underlying heightened uncertainty and weak productivity growth.









## **Scotland Summary**

#### GDP growth picked-up in 2017 and continued into 2018.

- Following a pick-up in growth in 2017, GDP grew 0.2% over the quarter in Q1 2018 and 0.8% over the year.
- Both the Service sector and the Production sector supported growth in Q1 2018, growing 0.4% and 0.9% respectively.
- Construction sector output contracted for the ninth consecutive quarter in Q1 2018, contracting 3.5% over the quarter.
- Scotland attracted 116 FDI projects in 2017, rising 7% compared to 2016.

#### Labour market continues to perform strongly in 2018.

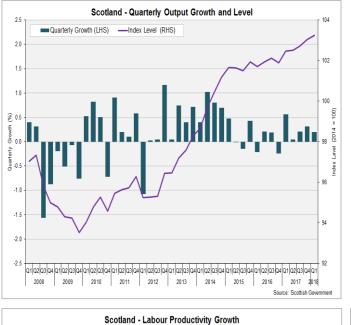
- Over the quarter to Feb-Apr 2018, the unemployment rate remained unchanged (4.3%), having risen slightly in the second half of 2017 from its record low of 3.8%.
- The employment rate rose over the same period to 75.2%, with 2.64 million in employment, 18,000 higher than a year previously.
- The inactivity rate fell over the quarter and the year to 21.4%, slightly above the UK rate of 21.0%.

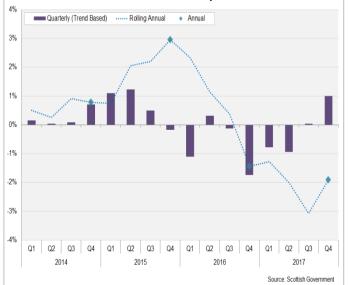
#### Productivity growth remains weak in Q4 2017.

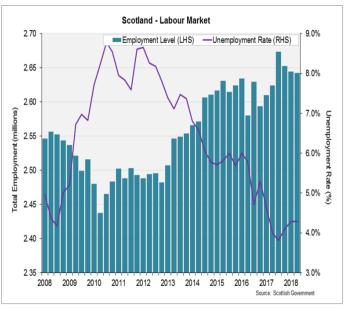
- Trend growth in productivity (output per hour worked) increased by 1% in Q4 2017, however fell by 1.9% on a rolling annual basis.
- The fall in productivity over the year reflects that growth in hours worked (2.7%) outpaced GVA growth (0.8%).

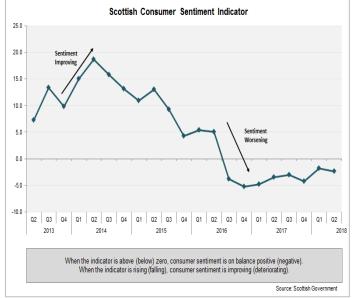
#### GDP growth outlook remains subdued for 2018 and 2019.

- Business surveys signal that business optimism has held up into the start of 2018, with firms' outlook for output and activity remaining broadly optimistic.
- Scottish consumer sentiment remained in negative territory in Q2 2018 (-2.4) having weakened over the quarter.
- Independent GDP growth forecasts for 2018 range between 0.7% and 1.3%, strengthening slightly to between 0.8% and 1.6% for 2019.









## Scottish Economy Update

## **Gross Domestic Product**

Scotland's economic performance strengthened in 2017 compared to 2016, however growth remains below the long run trend rate.

Latest data show that this trend continued into Q1 2018 with Scottish GDP growing 0.2% compared to the previous quarter, and up 0.8% over the year.

and up 0.8% over the year. Growth at the start of 2018 was supported by the continuation of moderate growth in the Services sector. In the first quarter of the year, services expanded 0.4% supported by a pick-up in growth in Transport Information & Communication (1.6%) and Professional, Scientific, Administrative & Support Services (1.3%).

The Production sector continued its positive contribution to growth into 2018, with quarterly growth of 0.9% in Q1 2018, unchanged from Q4 2017. Accelerated growth in the manufacturing sub-sector (1.8%) continues to be supported by an improved export environment (stronger international growth and the relatively weak value of Sterling),

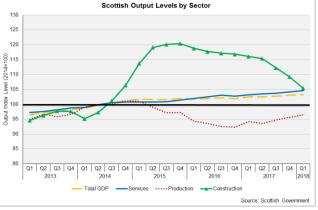
alongside the gradual strengthening of economic sentiment and activity in the oil and gas sector.

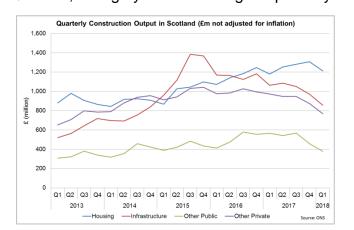
Output growth in the Manufacturing sector was partially offset by contractions in Electricity & Gas Supply and Water Supply & Waste Management – falling by 1.4% and 1.0% respectively – the former having grown 2.4% in 2017, driven in part by record levels of wind-powered electricity generation.

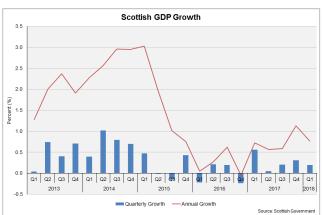
generation. The Construction sector contracted again in Q1 2018, falling by 3.5% - its largest quarterly

contraction in the current cycle. The box below explores possible reasons behind the fall in output during the latest quarter.

Looking at longer term trends in the construction sector, the chart on the right disaggregates construction output into its four separate components – housing, infrastructure, other public (i.e. public sector buildings) and other private (e.g. industrial and commercial buildings). The







series are in nominal terms, not adjusted for inflation, but provide an indication of the underlying drivers of the recent performance in the sector.

Over the longer term, public sector infrastructure projects have played a key role in boosting construction output, and recently a number of completions on major public sector infrastructure projects - including the Forth Replacement Crossing and M8 'missing link - have led to output falling back. While there is less data on private sector infrastructure projects, examples of major projects over the last few years include the Shetland Gas Plant and Beauly to Denny power line. There has also been sustained growth in wind energy capacity installed in Scotland which has resulted in significant construction activity in Scotland.

House building also remains a strong segment of the industry, in terms of total cash value, with output on an upward trend over a number of years.

### **Exploring the Recent Contraction in Construction Output**

The first quarter of 2018 witnessed a further decline in construction output in Scotland. A similar decline was observed in the UK as a whole. There are several possible explanations for this.

The slowdown in activity at the start of the year was also reflected in other indicators of construction activity in Scotland. For example, building materials data published by the Department for Business, Energy and Industrial Strategy show a drop off in sales of sand and gravel in Scotland in Q1 2018<sup>1</sup>.

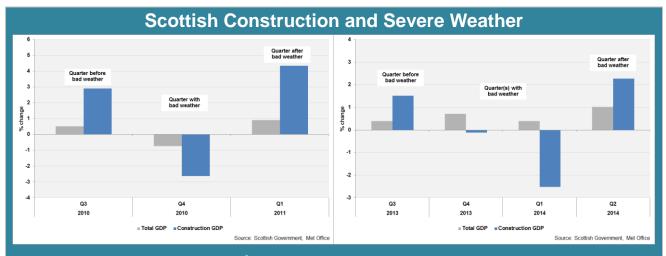
Firstly, construction output exhibits business cycles with relatively higher amplitudes and shorter frequencies than other parts of the economy. Construction has undergone a series of much shorter business cycles which are not so synchronised with the wider economy. As discussed in the last edition of State of the Economy, the sector is currently adjusting back to more normal levels of output following rapid growth in previous years.

A further feature of the industry since the start of the year has been an increase in the number of construction firms going into administration. The collapse of Carillion may have had a limited impact, although the views from Bank of England Agents<sup>2</sup> was that a lot of their work was being picked up by other firms. However, a number of other construction businesses in Scotland have gone into administration over recent months (such as Crummock and Lambert Contracts). Collectively these changes are likely to have reduced activity in the sector.

The severe weather in February and March also caused transport disruption and delays to building projects and will have reduced output. However, any impact from severe weather is likely to be only temporary. The charts show that previous instances of bad weather caused a short sharp fall in construction output which was followed by a rebound in subsequent quarters, essentially deferring output to the next quarter.

<sup>&</sup>lt;sup>1</sup> https://www.gov.uk/government/collections/building-materials-and-components-monthly-statistics-2012#2018-monthly-bulletins

<sup>&</sup>lt;sup>2</sup> Bank of England Agents' Summary, 2018 Q1, https://www.bankofengland.co.uk/agents-summary/2018/2018-q1

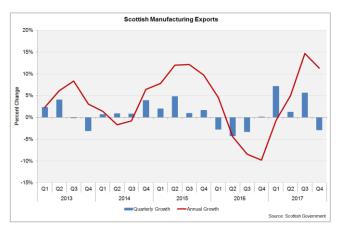


Latest business survey evidence<sup>3</sup> on the construction sector reported a fall in sales revenue at the start of 2018, reflecting the contraction in construction in the official statistics. Alongside this there was a decline in public sector new orders, however this was offset by increases in private commercial orders and domestic house building orders. Looking ahead, latest business surveys suggest that business optimism in the construction sector has increased, signalling that businesses expect conditions for the sector to improve over the course of the year.

### **Exports**

The strengthening of the global economy in 2017 and the relatively weak value of Sterling have created a more supportive external export environment.

In Q4 2017, the volume of Scottish manufactured exports<sup>4</sup> (excluding offshore oil and gas) increased by 11.3% compared to a year earlier, despite falling by 2.9% over the quarter. Growth over the past year was driven by the Metals & Metal Products, Refined Petroleum, Engineering & Allied Industries and Textiles & Clothing sub-sectors.



More recent data from HMRC<sup>5</sup>, a separate export survey, show that Scotland's goods exports (including oil and gas) increased in cash terms by £3.1 billion (12%) to £28.8 billion over the year to March 2018, compared to the previous year. This increase was driven by a rise in oil and gas exports to the EU, which increased by £1.7 billion (35%) to £6.7 billion, reflecting in part the rise in energy prices over the past twelve months.

<sup>&</sup>lt;sup>3</sup> Scottish Chambers of Commerce, Quarterly Economic Indicator: Q1 2018.

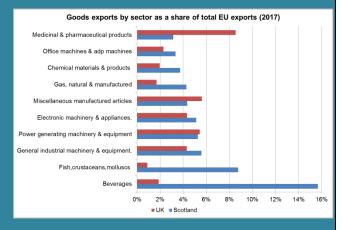
<sup>&</sup>lt;sup>4</sup> Index of Manufactured Exports, Quarterly National Accounts Scotland (QNAS), Q4 2017

<sup>&</sup>lt;sup>5</sup> HMRC Regional Trade Statistics, Q1 2018

#### Differences between Scottish and UK International Exports to the EU.

While there are similarities in the composition of exports from Scotland and the UK to the EU, there are also significant differences. Understanding and reflecting these and other differences between UK and Scotland trade are important considerations when assessing the impact of future trade relationships as the UK leaves the EU.

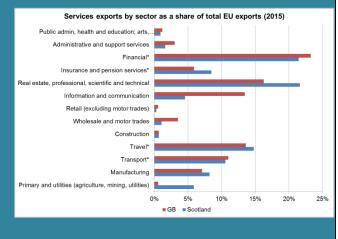
Considering the value of trade with the EU , the adjacent chart<sup>6</sup> shows the ten sectors that account for the greatest share of Scotland's goods exports to the EU. Alongside this are the equivalent share of exports to the EU from the UK as a whole. While there are similarities, exports to the EU from sectors such as beverages (spirits), and fish, crustaceans, molluscs (seafood) are significantly more important to the Scottish economy than they are to the UK as a whole.



As a more detailed illustrative example of the difference between Scotland and UK trade in the seafood industry, the EU is a key market for Scottish seafood products, accounting for 77% of Scottish seafood exports in 2017. Scotland is a net exporter of fish to the EU and the rest of the world, while the UK as a

whole is a net importer.

There are also differences in the export of Services. The adjacent chart<sup>7</sup> shows that for Scotland, professional, scientific & technical and real estate services account for a much larger share of service sector exports to the EU than for Great Britain as a whole. Exports of utility-related services are also more important to Scotland, while information and communication exports are relatively more important to GB as a whole.



<sup>&</sup>lt;sup>6</sup> Based on HMRC Regional Trade Statistics (Q1 2018). Petroleum and related materials have not been included in this chart.

<sup>&</sup>lt;sup>7</sup> Based on ONS Regional Services Export Statistics. Comparisons can only be made with GB, rather than UK. Latest data available is 2015. Some sectors, including large export sectors such as financial services are excluded from the EU/Non-EU split provided by ONS.

### Labour Market

Scotland's labour market tightened in 2017 with the unemployment rate reaching a record low of 3.8% and the employment rate rising to a record high of 75.8% during the year. While easing back slightly from these peaks, the labour market continued to perform strongly at the start of 2018.

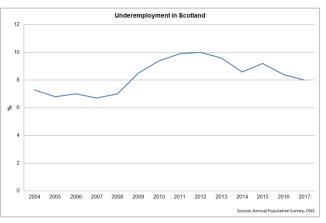
Latest data for February to April 2018 shows that the unemployment rate is 4.3%, the economic inactivity rate is 21.4% and the employment rate is 75.2%, all of which are close to record levels.

The composition of employment in Scotland has also changed. Since 2016 full-time employment has risen by 56,000 whilst part time employment has fallen by 3,000 as labour market conditions tighten.

Furthermore, latest underemployment data for Scotland shows that the proportion of people in employment looking for additional hours or an additional job has continued its

SCOTLAND LABOUR MARKET STATISTICS (Feb-Apr 2018) Quarterly Annual Latest RATES Change (% Change (% (%) p.t.) p.t.) 75.2 1.1 0.4 Employment\* ILO Unemployment\*\* 4.3 0.0 0.3 Economic Inactivity\* 21.4 -0.5 -1.3 Quarterly Annual LEVELS ('000) Latest Change Change Employment (16+) 2,642 -2 18 118 ILO Unemployment (16-64) 0 9 -47 Economic Inactivity (16-64) 729 -16 \*Denominator = Working age population (16-64)

\*\*Denominator = Total economically active



downward trend over the past year decreasing to 8% - its lowest rate since 2008.

### Labour Productivity

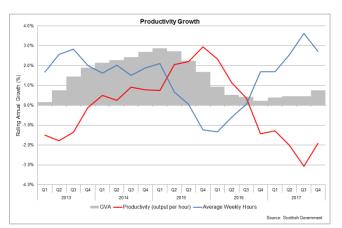
Labour productivity (output per hour worked) brings together economic output and labour input and is an important indicator of economic performance.

With output growth below trend in 2017 and the labour market continuing to perform strongly, productivity growth weakened in 2017.

Latest data for Q4 2017 show that on a

rolling annual basis, comparing the most recent four quarters to the previous four quarters, labour productivity decreased by 1.9% in real terms.

Despite the contraction in 2017, labour productivity growth continues to be stronger over the longer term, growing 5.4% in Scotland since 2007 compared to UK average growth of 1.7% over the same period.



### **Business Sentiment**

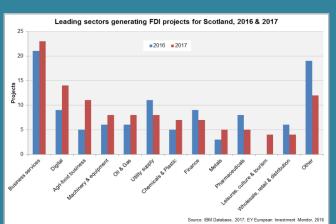
EY's latest Attractiveness Survey (June 2018), which provides an assessment of global Foreign Direct investment (FDI) trends showed that in 2017, the Scottish economy had a strong year for attracting FDI projects. It reported that Scotland attracted 116 FDI projects in 2017, in turn securing over 6,300 jobs – the highest in a decade. Over the longer term, the results showed that Scotland has secured more FDI projects than any other region of the UK outside London for five of the past six years.

The report also signalled a shift in the scale of projects coming into Scotland. In 2017, 10 Scottish FDI projects created 200 jobs or more, compared to only 6 projects in 2016 that created 100 jobs or more. The increasing scale of investments into Scotland signal a positive sentiment among foreign investors and the international attractiveness of Scotland's economy.

### Scotland's FDI Composition: Sectors and Activities<sup>8</sup>

The latest EY Attractiveness Survey (June 2018) results demonstrate that Scotland's FDI performance remains robust both in terms of attracting investment projects and maintaining its position as the second most attractive location in the UK.

In terms of sectors, in 2017, Scotland's Business Services sector secured the most FDI projects in Scotland (23 projects), accounting for one fifth of all



Scottish projects during the year. The Digital sector accounted for the second most projects (14 projects) while the Agri-food sector secured 11 projects, making it the fastest growing sector for projects over the year (up 120%).

In terms of FDI activities, Sales and Marketing activities made up the highest proportion of FDI projects in Scotland in 2017 accounting for 30% of all Scottish projects. Manufacturing projects' increased by 25% compared to 2016 and with 30 projects, was the second most popular FDI activity in 2017.

2017 also saw 22 Research and Development activity investment projects attracted to Scotland, making it the third biggest activity. This was a 70% increase on 2016 and accounted for nearly a quarter of all UK R&D projects in 2017.

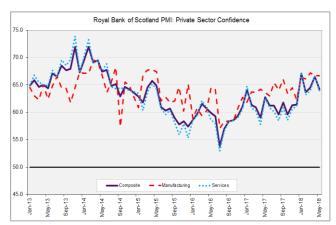
Scottish business surveys<sup>9</sup> have signalled that domestic private sector activity has remained broadly stable into the start of 2018 with the Scotland PMI suggesting that strengthening activity in the Services sector has been supporting more moderate growth in the manufacturing sector.

<sup>&</sup>lt;sup>8</sup> Source: EY Attractiveness Survey; June 2018.

<sup>&</sup>lt;sup>9</sup> Based on Royal Bank of Scotland Scotlish Business Monitor; Scotlish Engineering Quarterly Review; Royal Bank of Scotland Purchasing Managers Index, Scotlish Chambers of Commerce Quarterly Economic Indicator and CBI Industrial Trends Survey.

Looking to the current quarter (Q2 2018), early indications from the RBS Purchasing Managers' Index signal expansion in Scotland's private sector, led by Service providers, with latest results (May 2018) showing growth in employment, new business and business confidence across the sectors.

Across the surveys, the manufacturing and construction sectors have had a softer start



to the new year, with firms citing that the bad weather in the first quarter did impact activity. Both sectors reported weaker growth in new orders/contracts over the quarter with the manufacturing sector experiencing a slowing in export order growth, reflecting that the weaker Sterling impacts may have largely passed through, alongside the current uncertainty of overseas demand.

Service sector activity has generally picked up at the start of the year, with the Financial and Business Services sector remaining buoyant, however there are signals that conditions remain challenging for household facing sectors such as retail.

Across all sectors, new order demands are robust enough that job creation and staffing demand continues to be strong to cover both new-orders and back-logs of work. With some sectors reporting recruitment difficulties, this is placing upward pressure on wage settlements. Alongside rising commodity prices, raw material prices and the on-going impacts of weaker Sterling on import prices, continue to be a notable issue for input prices for firms which they continue to pass on, in part, to customers.

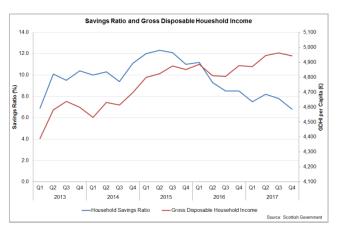
Looking ahead, firms expectations of future growth remain positive and business optimism has remained buoyant at the start of the year, with positive expectations for output and employment growth. Despite this, business investment intentions remain weak and fragile, with firms citing uncertainty about future demand and concerns about the potential for returns on investment as key limiting factors.

This is consistent with latest data for Scotland which shows that business investment

continued to contract in the final quarter of 2017 which has the potential to weigh on expansionary activity in both the short and longer term.

### Consumer Sentiment<sup>10</sup>

Latest data to Q4 2017 shows that while Gross Disposable Household Income has grown by 1.3% in nominal terms over the past year, the savings ratio - an estimate of how much disposable income is put



<sup>&</sup>lt;sup>10</sup> http://www.gov.scot/Topics/Statistics/Browse/Economy/SCSI

towards savings (or borrowing) - has fallen by 1.7 percentage points.

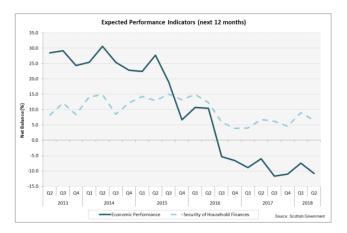
The latest results for Scotland are a continuation of recent trends and in line with the UK as a whole. They indicate that consumer spending is supported, at least in part, by reduced saving and/or new borrowing by households.

The squeeze on household finances is reflected in the Scottish Consumer Sentiment Indicator which remained negative in Q2 2018 and weakened over the quarter from -1.8 to -2.4 (i.e. more respondents continued to report a decline in sentiment than an increase).

Scottish Consumer Sentiment	Latest Score (Q2 2018)	Previous Score (Q1 2018)	Change compared to the previous quarter
Overall Indicator Score	-2.4	-1.8	-0.5
Economy performance - last 12 months	-4.0	-6.4	+2.4
Economy performance - next 12 months	-10.8	-7.5	-3.4
Household financial position - last 12 months	-1.3	-1.0	-0.2
Household financial position - next 12 months	6.5	9.0	-2.5
Attitude to household spending - current	-2.4	-3.3	+1.0

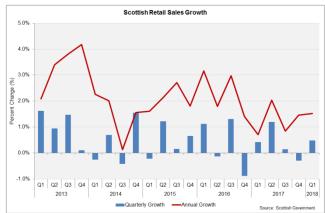
The latest results show that on balance, more respondents reported that economic performance, household financial position and attitude to spending were weaker than 12-months ago.

Looking ahead to the next 12-months, the indictors for expected economic performance and expected household financial position decreased over the quarter signalling a weakening in sentiment. However, on



balance, more respondents continue to expect their household financial position to improve, despite more respondents expecting overall economic performance to weaken.

The mixed picture in economic sentiment is reflected in the Scottish Retail Sales Index for Q1 2018. Growth in the volume of retail sales in Scotland picked-up in the first quarter of the year to 0.5%, following a slight contraction at the end of 2017, with growth holding steady at 1.5% compared to Q1 2017. However, the pace of retail sales growth remains subdued relative to 2016 in Scotland and GB as a whole.



### Scottish Economic Outlook

The outlook for the Scottish economy remains similar to the picture at the start of 2018 with independent forecasters suggesting growth will quicken over the forecast horizon but will remain below Scotland's long run trend growth rate of just below 2%.

However, there is variation among independent forecasts for Scotland. For example, in 2018 the forecast for growth varies between 0.7% and 1.3% and in 2019, it varies between 0.8% and 1.6%.

Independent Scottish GDP Growth Forecasts (%)									
	2017 (outturn)	2018	2019	2020	2021	2022	2023		
Scottish Fiscal Commission	0.8	0.7	0.8	0.9	0.9	0.9	0.9		
Fraser of Allander Institute		1.2	1.3	1.3	-	-	-		
EY ITEM Club		1.3	1.6	1.5	1.7	-	-		
PWC		1.0	1.2	-	-	-	-		

Independent forecasters point to a number of drivers for this subdued level of growth over the forecast horizon. A key factor influencing the medium-term outlook continues to be the expectation of weak productivity growth, and its downward pressure on wage growth.

Wage growth forecasts remain relatively weak for Scotland, despite high employment and low unemployment by historical standards. With inflation forecast to fall over the course of this year and next, there is the potential for the squeeze on real wage growth and household finances to ease.

The strengthening in global economic activity alongside the relatively low value of Sterling should continue to provide a stronger backdrop for export and investment activity, while the strengthening of sentiment and activity in the oil and gas sector should also be more supporting of growth.

However, independent forecasts continue to expect the uncertainty from Brexit to weigh on business investment decisions and consequently on economic growth.



© Crown copyright 2018

## OGL

This publication is licensed under the terms of the Open Government Licence v3.0 except where otherwise stated. To view this licence, visit **nationalarchives.gov.uk/doc/open-government-licence/version/3** or write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or email: **psi@nationalarchives.gsi.gov.uk**.

Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

This publication is available at www.gov.scot

Any enquiries regarding this publication should be sent to us at The Scottish Government St Andrew's House Edinburgh EH1 3DG

ISBN: 978-1-78781-078-5 (web only)

Published by The Scottish Government, June 2018

Produced for The Scottish Government by APS Group Scotland, 21 Tennant Street, Edinburgh EH6 5NA PPDAS437966 (06/18)

www.gov.scot