FORECASTS

Year-on-year (%) change, unless otherwise specified

International economy

| | 2015 | 2016 | 2017 | 2018 | Q1 2017 | Q2 2017 | Q3 2017 | Q4 2017 | Q1 2018 | Q2 2018 |
|---------------------|------|------|------|------|---------|---------|---------|---------|---------|---------|
| GDP GROWTH | | | | | | | | | | |
| Global | 3.4 | 3.2 | 3.5 | 3.7 | 3.5 | 3.6 | 3.6 | 3.6 | 3.7 | 3.7 |
| Developed countries | 2.1 | 1.7 | 2.1 | 2.1 | 2.0 | 2.2 | 2.1 | 2.1 | 2.2 | 2.1 |
| United States | 2.9 | 1.5 | 2.1 | 2.2 | 2.0 | 2.2 | 2.0 | 2.3 | 2.5 | 2.3 |
| Euro area | 1.9 | 1.8 | 2.2 | 2.0 | 2.0 | 2.3 | 2.4 | 2.2 | 2.2 | 2.0 |
| Germany | 1.5 | 1.9 | 2.2 | 1.9 | 1.9 | 2.1 | 2.3 | 2.4 | 2.1 | 1.9 |
| France | 1.0 | 1.1 | 1.7 | 1.7 | 1.1 | 1.8 | 2.1 | 2.0 | 1.8 | 1.7 |
| Italy | 0.7 | 1.0 | 1.4 | 1.1 | 1.2 | 1.5 | 1.5 | 1.3 | 1.2 | 1.1 |
| Portugal | 1.8 | 1.5 | 2.7 | 2.2 | 2.8 | 3.0 | 2.7 | 2.4 | 2.2 | 2.2 |
| Spain | 3.4 | 3.3 | 3.1 | 2.7 | 3.0 | 3.1 | 3.2 | 3.2 | 3.0 | 2.8 |
| Japan | 1.1 | 1.0 | 1.4 | 1.0 | 1.4 | 1.6 | 1.4 | 1.1 | 1.1 | 0.7 |
| United Kingdom | 2.3 | 1.8 | 1.6 | 1.4 | 1.8 | 1.5 | 1.6 | 1.4 | 1.4 | 1.5 |
| Emerging countries | 4.3 | 4.3 | 4.6 | 4.8 | 4.6 | 4.6 | 4.6 | 4.7 | 4.8 | 4.8 |
| China | 6.9 | 6.7 | 6.8 | 6.3 | 6.9 | 6.9 | 6.7 | 6.6 | 6.6 | 6.4 |
| India | 7.5 | 7.9 | 6.3 | 7.3 | 6.1 | 5.7 | 6.5 | 7.0 | 7.0 | 7.2 |
| Indonesia | 4.9 | 5.0 | 5.1 | 5.5 | 5.0 | 5.0 | 5.2 | 5.3 | 5.5 | 5.5 |
| Brazil | -3.8 | -3.6 | 0.7 | 2.1 | -0.4 | 0.3 | 1.0 | 2.0 | 2.2 | 2.0 |
| Mexico | 2.7 | 2.3 | 1.9 | 2.1 | 2.8 | 1.8 | 2.0 | 1.2 | 1.5 | 2.0 |
| Chile | 2.3 | 1.6 | 1.3 | 2.6 | 0.1 | 0.9 | 2.1 | 2.2 | 2.5 | 2.6 |
| Russia | -2.8 | -0.2 | 1.6 | 1.7 | 0.5 | 2.5 | 1.6 | 1.9 | 1.6 | 1.7 |
| Turkey | 6.0 | 2.9 | 4.4 | 3.4 | 5.2 | 5.1 | 4.5 | 3.0 | 3.2 | 3.3 |
| Poland | 3.9 | 2.7 | 4.2 | 3.2 | 4.2 | 4.4 | 4.7 | 3.6 | 3.3 | 3.0 |
| South Africa | 1.3 | 0.4 | 0.8 | 1.6 | 0.7 | 0.4 | 0.7 | 1.2 | 1.7 | 1.6 |
| INFLATION | | | | | | | | | | |
| Global | 2.8 | 2.8 | 3.2 | 3.3 | 3.2 | 3.0 | 3.1 | 3.4 | 3.2 | 3.4 |
| Developed countries | 0.3 | 0.8 | 1.6 | 1.8 | 1.8 | 1.5 | 1.5 | 1.4 | 1.5 | 1.8 |
| United States | 0.1 | 1.3 | 2.0 | 2.2 | 2.5 | 1.9 | 1.8 | 1.7 | 1.6 | 2.3 |
| Euro area | 0.0 | 0.2 | 1.6 | 1.6 | 1.8 | 1.5 | 1.4 | 1.5 | 1.4 | 1.7 |
| Germany | 0.1 | 0.4 | 1.7 | 1.7 | 1.9 | 1.6 | 1.7 | 1.7 | 1.5 | 1.8 |
| France | 0.1 | 0.3 | 1.2 | 1.5 | 1.5 | 1.0 | 1.0 | 1.4 | 1.3 | 1.5 |
| Italy | 0.1 | 0.0 | 1.4 | 1.4 | 1.4 | 1.6 | 1.2 | 1.5 | 1.3 | 1.4 |
| Portugal | 0.5 | 0.6 | 1.5 | 1.6 | 1.4 | 1.7 | 1.3 | 1.7 | 1.6 | 1.7 |
| Spain | -0.5 | -0.2 | 1.8 | 1.5 | 2.7 | 2.0 | 1.5 | 1.0 | 0.6 | 1.3 |
| Japan | 0.8 | -0.1 | 0.4 | 0.8 | 0.3 | 0.4 | 0.6 | 0.3 | 0.9 | 0.7 |
| United Kingdom | 0.0 | 0.7 | 2.6 | 2.5 | 2.1 | 2.7 | 2.7 | 2.8 | 2.5 | 2.5 |
| Emerging countries | 4.7 | 4.3 | 4.1 | 4.5 | 4.0 | 3.9 | 4.0 | 4.6 | 4.5 | 4.6 |
| China | 1.4 | 2.0 | 1.9 | 2.2 | 1.4 | 1.4 | 1.7 | 2.9 | 2.2 | 2.6 |
| India | 4.9 | 4.9 | 3.5 | 4.5 | 3.6 | 2.2 | 3.4 | 4.7 | 4.8 | 4.6 |
| Indonesia | 6.4 | 3.5 | 3.9 | 4.3 | 3.6 | 4.3 | 3.9 | 3.9 | 3.8 | 4.3 |
| Brazil | 9.0 | 8.8 | 3.7 | 4.3 | 4.9 | 3.6 | 3.1 | 3.2 | 4.3 | 4.2 |
| Mexico | 2.7 | 2.8 | 5.8 | 3.9 | 5.0 | 6.1 | 6.2 | 6.0 | 4.5 | 3.8 |
| Chile | 4.3 | 3.8 | 2.6 | 2.9 | 2.8 | 2.3 | 2.6 | 2.6 | 2.6 | 3.0 |
| Russia | 15.5 | 7.1 | 4.2 | 4.1 | 4.6 | 4.2 | 3.9 | 4.1 | 4.1 | 4.1 |
| Turkey | 7.7 | 7.8 | 10.4 | 7.9 | 10.2 | 11.5 | 10.4 | 9.5 | 8.4 | 8.2 |
| Poland | -0.7 | -0.2 | 1.6 | 2.2 | 1.7 | 1.5 | 1.4 | 1.7 | 2.0 | 2.3 |
| South Africa | 4.6 | 6.3 | 5.5 | 5.3 | 6.3 | 5.3 | 5.0 | 5.3 | 4.7 | 5.1 |

Forecasts

Spanish economy

| | 2015 | 2016 | 2017 | 2018 | Q1 2017 | Q2 2017 | Q3 2017 | Q4 2017 | Q1 2018 | Q2 2018 |
|---|------|------|------|------|---------|---------|---------|---------|---------|---------|
| Macroeconomic aggregates | | | | | | | | | | |
| Household consumption | 3.0 | 2.9 | 2.6 | 2.4 | 2.3 | 2.6 | 2.6 | 2.8 | 2.8 | 2.5 |
| General government consumption | 2.1 | 0.8 | 1.0 | 1.0 | 0.6 | 1.1 | 0.8 | 1.6 | 1.1 | 0.9 |
| Gross fixed capital formation | 6.5 | 3.3 | 4.5 | 3.4 | 4.7 | 3.5 | 4.9 | 5.1 | 3.4 | 3.8 |
| Capital goods | 11.6 | 4.9 | 5.2 | 3.3 | 6.2 | 3.7 | 4.9 | 6.1 | 3.0 | 4.0 |
| Construction | 3.8 | 2.4 | 4.3 | 3.5 | 3.9 | 3.6 | 5.2 | 4.7 | 3.6 | 3.6 |
| Domestic demand (contr. Δ GDP) | 3.9 | 2.5 | 2.5 | 2.3 | 2.4 | 2.3 | 2.6 | 2.9 | 2.5 | 2.4 |
| Exports of goods and services | 4.2 | 4.8 | 5.8 | 4.2 | 6.7 | 4.4 | 6.2 | 5.8 | 3.4 | 4.6 |
| Imports of goods and services | 5.9 | 2.7 | 4.5 | 3.2 | 5.1 | 2.3 | 5.1 | 5.4 | 2.0 | 3.8 |
| Gross domestic product | 3.4 | 3.3 | 3.1 | 2.7 | 3.0 | 3.1 | 3.2 | 3.2 | 3.0 | 2.8 |
| Other variables | | | | | | | | | | |
| Employment | 3.0 | 2.9 | 2.7 | 2.3 | 2.5 | 2.8 | 2.5 | 3.1 | 2.7 | 2.5 |
| Unemployment rate (% labour force) | 22.1 | 19.6 | 17.2 | 15.5 | 18.8 | 17.2 | 16.3 | 16.3 | 16.7 | 15.5 |
| Consumer price index | -0.5 | -0.2 | 1.8 | 1.5 | 2.7 | 2.0 | 1.5 | 1.0 | 0.6 | 1.3 |
| Unit labour costs | 0.2 | -0.4 | -0.1 | 1.0 | 0.0 | -0.4 | -0.2 | 0.3 | 0.3 | 1.2 |
| Current account balance (cum., % GDP) ¹ | 1.4 | 1.9 | 1.8 | 1.7 | 1.9 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 |
| Net lending or borrowing rest of the world (cum., % GDP) ¹ | 2.0 | 2.1 | 2.0 | 1.9 | 2.1 | 1.9 | 2.0 | 2.0 | 2.0 | 2.0 |
| Fiscal balance (cum., % GDP) ² | -5.1 | -4.3 | -3.1 | -2.4 | | | | | | |

Financial markets

| i ilialiciai ilialikets | | | | | | | | | | |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| INTEREST RATES | | | | | | | | | | |
| Dollar | | | | | | | | | | |
| Fed Funds | 0.26 | 0.51 | 1.11 | 1.75 | 0.79 | 1.05 | 1.25 | 1.33 | 1.50 | 1.58 |
| 3-month Libor | 0.32 | 0.74 | 1.27 | 1.95 | 1.07 | 1.20 | 1.32 | 1.51 | 1.72 | 1.20 |
| 12-month Libor | 0.79 | 1.37 | 1.81 | 2.40 | 1.75 | 1.75 | 1.73 | 1.99 | 2.21 | 1.75 |
| 2-year government bonds | 0.67 | 0.84 | 1.37 | 2.35 | 1.23 | 1.28 | 1.36 | 1.59 | 1.90 | 1.28 |
| 10-year government bonds | 2.13 | 1.84 | 2.34 | 3.06 | 2.44 | 2.26 | 2.24 | 2.43 | 2.71 | 2.26 |
| Euro | | | | | | | | | | |
| ECB Refi | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3-month Euribor | -0.02 | -0.26 | -0.33 | -0.26 | -0.33 | -0.33 | -0.33 | -0.32 | -0.30 | -0.30 |
| 12-month Euribor | 0.17 | -0.03 | -0.13 | 0.00 | -0.10 | -0.13 | -0.16 | -0.14 | -0.08 | -0.04 |
| 2-year government bonds (Germany) | -0.24 | -0.58 | -0.71 | -0.29 | -0.78 | -0.74 | -0.72 | -0.60 | -0.50 | -0.40 |
| 10-year government bonds (Germany) | 0.53 | 0.10 | 0.41 | 0.85 | 0.34 | 0.31 | 0.42 | 0.57 | 0.66 | 0.71 |
| EXCHANGE RATES | | | | | | | | | | |
| \$/€ | 1.11 | 1.11 | 1.13 | 1.18 | 1.07 | 1.10 | 1.17 | 1.20 | 1.20 | 1.19 |
| ¥/€ | 134.33 | 120.30 | 127.05 | 133.13 | 121.05 | 122.21 | 130.38 | 134.56 | 134.84 | 133.69 |
| £/€ | 0.73 | 0.82 | 0.88 | 0.88 | 0.86 | 0.86 | 0.90 | 0.89 | 0.89 | 0.88 |
| OIL | | | | | | | | | | |
| Brent (\$/barrel) | 53.64 | 45.04 | 53.10 | 59.21 | 54.68 | 50.92 | 52.12 | 54.67 | 56.83 | 58.50 |
| Brent (€/barrel) | 48.33 | 40.73 | 47.06 | 49.93 | 51.35 | 46.34 | 44.84 | 45.71 | 47.46 | 49.16 |
| | | | | | | | | | | |

 $\textbf{\textit{Note:}} \ \textit{1. Four quarter cumulative.} \ \textit{2. Cumulative over four quarters.} \ \textit{Does not include aid to financial institutions.}$

Forecasts

Interest rates (%)

| | 29-Sep | 31-Aug | Monthly change (bp) | Year-to-date (bp) | Year-on-year change (bp) |
|------------------------------------|--------|--------|------------------------|----------------------|-----------------------------|
| Euro area | | | | | |
| ECB Refi | 0.00 | 0.00 | 0 | 0.0 | 0.0 |
| 3-month Euribor | -0.33 | -0.33 | 0 | -1.0 | -2.8 |
| 1-year Euribor | -0.17 | -0.16 | -1 | -8.8 | -10.6 |
| 1-year government bonds (Germany) | -0.72 | -0.73 | 1 | 8.1 | -7.1 |
| 2-year government bonds (Germany) | -0.69 | -0.73 | 4 | 7.6 | -0.7 |
| 10-year government bonds (Germany) | 0.46 | 0.36 | 10 | 25.2 | 57.9 |
| 10-year government bonds (Spain) | 1.60 | 1.56 | 4 | 21.6 | 72.0 |
| 10-year spread (bps) ¹ | 114 | 120 | -6 | -3.7 | 14.0 |
| US | | | | | |
| Fed funds | 1.25 | 1.25 | 0 | 50.0 | 75.0 |
| 3-month Libor | 1.33 | 1.32 | 1 | 33.2 | 47.6 |
| 12-month Libor | 1.78 | 1.71 | 7 | 9.4 | 22.8 |
| 1-year government bonds | 1.29 | 1.22 | 7 | 47.9 | 70.5 |
| 2-year government bonds | 1.48 | 1.33 | 15 | 29.2 | 71.8 |
| 10-year government bonds | 2.33 | 2.12 | 21 | -11.4 | 73.6 |
| | | | | | |

Spreads corporate bonds (bps)

| | 29-Sep | 31-Aug | Monthly change (bp) | Year-to-date (bp) | Year-on-year change (bp) |
|--------------------------------|--------|--------|------------------------|----------------------|-----------------------------|
| Itraxx Corporate | 57 | 55 | 2 | -15.4 | -15.7 |
| Itraxx Financials Senior | 59 | 53 | 6 | -33.9 | -41.7 |
| Itraxx Subordinated Financials | 137 | 124 | 13 | -84.5 | -104.5 |

Exchange rates

| | 29-Sep | 31-Aug | Monthly change (%) | Year-to-date (%) | Year-on-year change (%) |
|------|---------|---------|-----------------------|---------------------|----------------------------|
| \$/€ | 1.181 | 1.191 | -0.8 | 12.3 | 5.2 |
| ¥/€ | 132.920 | 130.980 | 1.5 | 8.1 | 16.7 |
| £/€ | 0.882 | 0.921 | -4.2 | 3.3 | 1.8 |
| ¥/\$ | 112.510 | 109.980 | 2.3 | -3.8 | 11.0 |

Commodities

| | 29-Sep | 31-Aug | Monthly change (%) | Year-to-date (%) | Year-on-year change (%) |
|---------------------|---------|---------|--------------------|---------------------|----------------------------|
| CRB Commodity Index | 427.3 | 435.6 | -1.9 | 1.0 | 6.2 |
| Brent (\$/barrel) | 57.5 | 52.4 | 9.9 | 1.3 | 17.3 |
| Gold (\$/ounce) | 1,280.2 | 1,321.4 | -3.1 | 11.1 | -2.7 |

Equity

| | 29-Sep | 31-Aug | Monthly change (%) | Year-to-date (%) | Year-on-year change (%) |
|--------------------------|----------|----------|-----------------------|---------------------|----------------------------|
| S&P 500 (USA) | 2,519.4 | 2,471.7 | 1.9 | 12.5 | 16.2 |
| Eurostoxx 50 (euro area) | 3,594.9 | 3,421.5 | 5.1 | 9.2 | 19.7 |
| Ibex 35 (Spain) | 10,381.5 | 10,299.5 | 0.8 | 11.0 | 18.2 |
| Nikkei 225 (Japan) | 20,356.3 | 19,646.2 | 3.6 | 6.9 | 23.7 |
| MSCI Emerging | 1,081.7 | 1,087.7 | -0.5 | 25.5 | 19.7 |
| Nasdaq (USA) | 6,496.0 | 6,428.7 | 1.0 | 20.7 | 22.3 |

Note: 1. Spread between the yields on Spanish and German 10-year bonds.

Year-on-year change (%), unless otherwise specified

UNITED STATES

| | 2015 | 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | 08/17 | 09/17 |
|---|-------|-------|---------|---------|---------|---------|-------|-------|
| Activity | | | | | | | | |
| Real GDP | 2.9 | 1.5 | 1.5 | 1.8 | 2.0 | 2.2 | | _ |
| Retail sales (excluding cars and petrol) | 4.3 | 3.8 | 3.4 | 3.4 | 4.0 | 2.9 | 3.3 | |
| Consumer confidence (value) | 98.0 | 99.8 | 100.7 | 107.8 | 117.5 | 118.1 | 120.4 | 119.8 |
| Industrial production | -0.7 | -1.2 | -1.2 | -0.1 | 0.6 | 2.1 | 1.5 | |
| Manufacturing activity index (ISM) (value) | 51.4 | 51.5 | 51.1 | 53.3 | 57.0 | 55.8 | 58.8 | |
| Housing starts (thousands) | 1,107 | 1,177 | 1,150 | 1,248 | 1,238 | 1,165 | 1,180 | |
| Case-Shiller home price index (value) | 179 | 189 | 189 | 192 | 197 | 198 | | |
| Unemployment rate (% lab. force) | 5.3 | 4.9 | 4.9 | 4.7 | 4.7 | 4.4 | 4.4 | |
| Employment-population ratio (% pop. > 16 years) | 59.4 | 59.7 | 59.8 | 59.7 | 60.0 | 60.1 | 60.1 | |
| Trade balance 1 (% GDP) | -2.8 | -2.7 | -2.7 | -2.7 | -2.8 | -2.8 | | |
| Prices | | | | | | | | |
| Consumer prices | 0.1 | 1.3 | 1.1 | 1.8 | 2.5 | 1.9 | 1.9 | |
| Core consumer prices | 1.8 | 2.2 | 2.2 | 2.2 | 2.2 | 1.8 | 1.7 | |

Source: CaixaBank Research, based on data from the Department of Economic Analysis, Department of Labor, Federal Reserve, Standard & Poor's, ISM and Thomson Reuters Datastream.

JAPAN

| | 2015 | 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | 08/17 |
|--|------|------|---------|---------|---------|---------|-------|
| Activity | | | | | | | |
| Real GDP | 1.1 | 1.0 | 1.0 | 1.7 | 1.4 | 2.1 | - |
| Consumer confidence (value) | 41.3 | 41.7 | 42.1 | 42.2 | 43.4 | 43.4 | 43.3 |
| Industrial production | -1.2 | -0.2 | 1.0 | 2.8 | 4.9 | 5.8 | 5.4 |
| Business activity index (Tankan) (value) | 12.8 | 7.0 | 6.0 | 10.0 | 12.0 | 17.0 | |
| Unemployment rate (% lab. force) | 3.4 | 3.1 | 3.0 | 3.1 | 2.9 | 2.9 | 2.8 |
| Trade balance ¹ (% GDP) | -0.5 | 0.7 | 0.5 | 0.7 | 0.7 | 0.6 | 0.8 |
| Prices | | | | | | | |
| Consumer prices | 0.8 | -0.1 | -0.5 | 0.3 | 0.3 | 0.4 | 0.6 |
| Core consumer prices | 1.4 | 0.6 | 0.4 | 0.2 | 0.1 | 0.0 | 0.2 |

Note: 1. Cumulative figure over last 12 months.

Source: CaixaBank Research, based on data from the Communications Department, Bank of Japan and Thomson Reuters Datastream.

CHINA

| 2015 6.9 | 2016 | Q3 2016 | Q4 2016 | Q1 2017 | 07/17 | 08/17 |
|-----------------|---|--|---|---|---|---|
| 6.9 | | | | | | |
| 6.9 | | | | | | |
| | 6.7 | 6.7 | 6.8 | 6.9 | - | |
| 10.7 | 10.4 | 10.5 | 10.6 | 10.0 | 10.4 | 10.1 |
| 6.1 | 6.0 | 6.1 | 6.1 | 6.8 | 6.4 | 6.0 |
| 49.9 | 50.3 | 50.2 | 51.4 | 51.6 | 51.4 | 51.7 |
| | | | | | | |
| 608 | 512 | 554 | 512 | 466 | 456 | 447 |
| -2.3 | -8.4 | -7.0 | -5.3 | 7.8 | 7.2 | 5.5 |
| -14.2 | -5.7 | -4.7 | 2.1 | 23.9 | 11.3 | 13.4 |
| | | | | | | |
| 1.4 | 2.0 | 1.7 | 2.2 | 1.4 | 1.4 | 1.8 |
| 4.35 | 4.35 | 4.35 | 4.35 | 4.35 | 4.35 | 4.35 |
| 6.3 | 6.6 | 6.7 | 6.8 | 6.9 | 6.8 | 6.7 |
| | 10.7 6.1 49.9 608 -2.3 -14.2 | 10.7 10.4 6.1 6.0 49.9 50.3 608 512 -2.3 -8.4 -14.2 -5.7 1.4 2.0 4.35 4.35 | 10.7 10.4 10.5 6.1 6.0 6.1 49.9 50.3 50.2 608 512 554 -2.3 -8.4 -7.0 -14.2 -5.7 -4.7 1.4 2.0 1.7 4.35 4.35 4.35 | 10.7 10.4 10.5 10.6 6.1 6.0 6.1 6.1 49.9 50.3 50.2 51.4 608 512 554 512 -2.3 -8.4 -7.0 -5.3 -14.2 -5.7 -4.7 2.1 1.4 2.0 1.7 2.2 4.35 4.35 4.35 4.35 | 10.7 10.4 10.5 10.6 10.0 6.1 6.0 6.1 6.1 6.8 49.9 50.3 50.2 51.4 51.6 608 512 554 512 466 -2.3 -8.4 -7.0 -5.3 7.8 -14.2 -5.7 -4.7 2.1 23.9 1.4 2.0 1.7 2.2 1.4 4.35 4.35 4.35 4.35 4.35 | 10.7 10.4 10.5 10.6 10.0 10.4 6.1 6.0 6.1 6.1 6.8 6.4 49.9 50.3 50.2 51.4 51.6 51.4 608 512 554 512 466 456 -2.3 -8.4 -7.0 -5.3 7.8 7.2 -14.2 -5.7 -4.7 2.1 23.9 11.3 1.4 2.0 1.7 2.2 1.4 1.4 4.35 4.35 4.35 4.35 4.35 4.35 |

Notes: 1. Cumulative figure over last 12 months. Billion dollars. 2. End of period.

Source: CaixaBank Research, based on data from the National Bureau of Statistics of China and Thomson Reuters Datastream.

Activity and employment indicators

Values, unless otherwise specified

| | 2015 | 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | 07/17 | 08/17 | 09/17 |
|---|-------|-------|---------|---------|---------|---------|-------|-------|-------|
| Retail sales (year-on-year change) | 2.6 | 1.4 | 0.9 | 2.4 | 2.1 | 2.8 | 2.6 | | |
| Industrial production (year-on-year change) | 2.1 | 1.5 | 1.0 | 2.3 | 1.3 | 2.7 | 3.2 | | |
| Consumer confidence | -6.1 | -7.7 | -8.3 | -6.5 | -5.5 | -2.7 | -1.7 | -1.5 | -1.2 |
| Economic sentiment | 104.2 | 104.8 | 104.2 | 106.9 | 108.0 | 110.0 | 111.3 | 111.9 | 113.0 |
| Manufacturing PMI | 52.2 | 52.5 | 52.1 | 54.0 | 55.6 | 57.0 | 56.6 | 57.4 | 58.2 |
| Services PMI | 54.0 | 53.1 | 52.6 | 53.4 | 55.1 | 56.0 | 55.4 | 54.7 | 55.6 |
| Labour market | | | | | | | | | |
| Employment (people) (year-on-year change) | 1.0 | 1.4 | 1.4 | 1.4 | 1.6 | 1.6 | - | | - |
| Unemployment rate: euro area (% labour force) | 10.9 | 10.0 | 9.9 | 9.7 | 9.5 | 9.2 | 9.1 | | |
| Germany (% labour force) | 4.6 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.7 | | |
| France (% labour force) | 10.4 | 10.0 | 9.9 | 10.0 | 9.6 | 9.6 | 9.8 | | |
| Italy (% labour force) | 11.9 | 11.7 | 11.6 | 11.8 | 11.6 | 11.3 | 11.3 | | |
| Spain (% labour force) | 22.1 | 19.6 | 19.3 | 18.7 | 18.2 | 17.3 | 17.1 | | |
| | | | | | | | | | |

Source: CaixaBank Research, based on data from the Eurostat, European Central Bank, European Commission and Markit.

Foreign sector

Cumulative balance over the last 12 months as % of GDP of the last 4 quarters, unless otherwise specified

| | 2015 | 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | 07/17 | 08/17 |
|--|------|------|---------|---------|---------|---------|-------|-------|
| Current balance: euro area | 3.4 | 3.7 | 3.8 | 3.7 | 3.7 | 3.4 | 3.3 | |
| Germany | 8.5 | 8.4 | 8.6 | 8.4 | 8.3 | 7.8 | 7.9 | |
| France | -0.4 | -0.9 | -1.1 | -0.9 | -1.0 | -1.0 | -1.1 | |
| Italy | 1.4 | 2.6 | 2.5 | 2.6 | 2.7 | 2.7 | 2.7 | |
| Spain | 1.1 | 1.9 | 1.7 | 1.9 | 1.9 | 1.8 | 1.8 | |
| Nominal effective exchange rate ¹ (value) | 91.7 | 94.3 | 94.8 | 94.5 | 93.7 | 95.2 | 97.6 | 99.0 |

Note: 1. Weighted by flow of foreign trade. Higher figures indicate the currency has appreciated.

Source: CaixaBank Research, based on data from the Eurostat, European Commission and national statistics institutes.

Financing and deposits of non-financial sectors

Year-on-year change (%), unless otherwise specified

| | 2015 | 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | 07/17 | 08/17 |
|--|------|------|---------|---------|---------|---------|-------|-------|
| Private sector financing | | | | | | | | |
| Credit to non-financial firms 1 | -0.3 | 1.8 | 2.0 | 2.2 | 2.2 | 2.3 | 2.4 | 2.5 |
| Credit to households 1,2 | 0.7 | 1.7 | 1.8 | 1.9 | 2.3 | 2.6 | 2.7 | 2.7 |
| Interest rate on loans to non-financial firms 3 (%) | 1.6 | 1.4 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | |
| Interest rate on loans to households for house purchases 4 (%) | 2.1 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.8 | |
| Deposits | | | | | | | | |
| On demand deposits | 11.1 | 10.0 | 9.5 | 9.3 | 9.5 | 10.3 | 10.1 | 10.6 |
| Other short-term deposits | -3.8 | -1.9 | -1.2 | -2.0 | -2.3 | -2.9 | -3.2 | -2.7 |
| Marketable instruments | 2.6 | 2.7 | 5.4 | 4.2 | 5.7 | 0.7 | -2.4 | -1.4 |
| Interest rate on deposits up to 1 year from households (%) | 0.8 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | |
| | | | | | | | | |

Notes: 1. Data adjusted for sales and securitization. 2. Including NPISH. 3. Loans of more than one million euros with a floating rate and an initial rate fixation period of up to one year. 4. Loans with a floating rate and an initial rate fixation period of up to one year.

Source: CaixaBank Research, based on data from the European Central Bank.

Year-on-year (%) change, unless otherwise specified

Activity indicators

| | 2015 | 2016 | 4Q 2016 | 1Q 2017 | 2Q 2017 | 07/17 | 08/17 | 09/17 |
|--|------|------|---------|---------|---------|-------|-------|-------|
| Industry | | | | | | | | |
| Electricity consumption | 1.7 | 0.1 | -0.1 | 1.6 | 1.2 | 0.8 | 1.6 | -1.5 |
| Industrial production index | 3.3 | 1.9 | 1.9 | 1.9 | 2.1 | 1.7 | | |
| Indicator of confidence in industry (value) | -0.3 | -2.3 | -0.6 | 0.3 | -0.5 | -1.8 | -0.6 | 2.1 |
| Manufacturing PMI (value) | 53.6 | 53.2 | 54.4 | 54.8 | 54.9 | 54.0 | 52.4 | 54.3 |
| Construction | | | | | | | | |
| Building permits (cumulative over 12 months) | 20.0 | 43.7 | 36.9 | 24.5 | 18.4 | 22.0 | | |
| House sales (cumulative over 12 months) | 10.9 | 13.0 | 13.7 | 14.9 | 12.0 | 13.5 | | |
| House prices | 1.1 | 1.9 | 1.5 | 2.2 | 1.6 | - | | - |
| Services | | | | | | | | |
| Foreign tourists (cumulative over 12 months) | 5.6 | 8.2 | 10.1 | 10.0 | 10.2 | 10.4 | 10.1 | |
| Services PMI (value) | 57.3 | 55.0 | 54.9 | 56.4 | 57.8 | 57.6 | 56.0 | |
| Consumption | | | | | | | | |
| Retail sales | 3.0 | 3.6 | 3.0 | 0.5 | 2.5 | 0.7 | 1.7 | |
| Car registrations | 21.3 | 11.4 | 8.9 | 7.8 | 6.3 | 2.5 | 13.0 | |
| Consumer confidence index (value) | 0.3 | -3.8 | -3.2 | -2.8 | 1.5 | 2.0 | -0.2 | -1.1 |

Source: CaixaBank Research, based on data from the Ministry of Finance, Ministry of Public Works, INE, Markit and European Commission.

Employment indicators

| | 2015 | 2016 | 4Q 2016 | 1Q 2017 | 2Q 2017 | 07/17 | 08/17 |
|--|-----------------|-------|---------|---------|---------|-------|-------|
| Registered as employed with Social Securit | ty ¹ | | | | | | |
| Employment by industry sector | | | | | | | |
| Manufacturing | 2.2 | 2.8 | 2.8 | 3.0 | 3.1 | 3.1 | 3.1 |
| Construction | 4.7 | 2.6 | 3.3 | 5.3 | 6.1 | 6.3 | 5.8 |
| Services | 3.5 | 3.2 | 3.5 | 3.4 | 3.8 | 3.7 | 3.5 |
| Employment by professional status | | 3.5 | | | | | |
| Employees | 3.5 | 3.5 | 3.8 | 4.0 | 4.4 | 4.2 | 4.1 |
| Self-employed and others | 1.9 | 1.0 | 0.9 | 0.9 | 0.9 | 0.8 | 0.7 |
| TOTAL | 3.2 | 3.0 | 3.3 | 3.4 | 3.8 | 3.6 | 3.4 |
| Employment ² | 3.0 | 2.7 | 2.3 | 2.3 | 2.8 | - | |
| Hiring contracts registered ³ | | | | | | | |
| Permanent | 12.3 | 14.2 | 13.3 | 15.4 | 10.2 | 10.6 | 9.8 |
| Temporary | 11.2 | 7.2 | 6.6 | 12.1 | 9.6 | 5.8 | 5.5 |
| TOTAL | 11.3 | 7.8 | 7.1 | 12.4 | 9.6 | 6.2 | 5.8 |
| Unemployment claimant count ³ | | | | | | | |
| Under 25 | -11.0 | -12.6 | -13.2 | -13.3 | -17.3 | -11.9 | -9.5 |
| All aged 25 and over | -7.2 | -8.2 | -9.0 | -9.2 | -10.3 | -9.2 | -8.4 |
| TOTAL | -7.5 | -8.6 | -9.4 | -9.6 | -10.9 | -9.4 | -8.5 |

Notes: 1. Mean monthly figures. 2. LFS estimate. 3. Public Employment Offices. **Source:** CaixaBank Research, based on data from the Ministry of Employment and Social Security, INE and Public Employment Offices.

Prices

| | 2015 | 2016 | 4Q 2016 | 1Q 2017 | 2Q 2017 | 07/17 | 08/17 | 09/17 |
|-------------------|------|------|---------|---------|---------|-------|-------|-------|
| General | -0.5 | -0.2 | 1.0 | 2.7 | 2.0 | 1.5 | 1.6 | 1.8 |
| Core | 0.6 | 0.8 | 0.9 | 1.0 | 1.1 | 1.4 | 1.2 | |
| Unprocessed foods | 1.8 | 2.3 | 1.0 | 4.1 | 2.5 | -1.0 | -1.6 | |
| Energy products | -9.0 | -8.4 | 1.6 | 15.3 | 8.0 | 4.1 | 6.3 | |

Source: CaixaBank Research, based on data from the INE.

SPANISH ECONOMY NR 1

Foreign sector

Cumulative balance over the last 12 months in billions of euros, unless otherwise specified

| | 2015 | 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | 06/17 | 07/17 |
|--|-------|-------|---------|---------|---------|---------|-------|-------|
| Trade of goods | | | | | | | | |
| Exports (year-on-year change) | 4.3 | 1.7 | -1.1 | 3.2 | 14.1 | 6.3 | 5.7 | 3.9 |
| Imports (year-on-year change) | 3.7 | -0.4 | -3.7 | 3.0 | 16.5 | 7.4 | 5.0 | 10.8 |
| Current balance | 12.2 | 21.5 | 19.3 | 21.5 | 21.6 | 21.0 | 21.0 | 20.9 |
| Goods and services | 25.3 | 33.7 | 31.9 | 33.7 | 32.0 | 32.3 | 32.3 | 31.7 |
| Primary and secondary income | -13.1 | -12.2 | -12.6 | -12.2 | -10.4 | -11.3 | -11.3 | -10.8 |
| Net lending (+) / borrowing (–) capacity | 19.2 | 24.2 | 24.4 | 24.2 | 24.1 | 23.1 | 23.1 | 23.0 |

Source: CaixaBank Research, based on data from the Department of Customs and Special Taxes and Bank of Spain.

Public sector

Percentage GDP, cumulative in the year, unless otherwise specified

| | 2015 | 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | 07/17 |
|---|------|------|---------|---------|---------|---------|-------|
| Net lending (+) / borrowing (–) capacity ¹ | -5.3 | -4.5 | -2.9 | -4.5 | -0.4 | -2.2 | _ |
| Central government | -2.6 | -2.7 | -2.6 | -2.7 | -0.5 | -1.1 | |
| Autonomous regions | -1.7 | -0.8 | -0.1 | -0.8 | -0.2 | -0.7 | |
| Local government | 0.4 | 0.6 | 0.5 | 0.6 | 0.1 | 0.2 | _ |
| Social Security | -1.2 | -1.6 | -0.6 | -1.6 | 0.1 | -0.5 | |
| Public debt (% GDP) | 99.4 | 99.0 | 100.0 | 99.0 | 100.1 | 100.0 | _ |

Note: 1. Includes aid to financial institutions.

Source: CaixaBank Research, based on data from the IGAE, Ministry of Taxation and Bank of Spain.

Credit and deposits in non-financial sectors 1

Year-on-year change (%), unless otherwise specified

| | 2015 | 2016 | 3T 2016 | 4T 2016 | 1T 2017 | 2T 2017 | 07/17 | 08/17 |
|--|-------|-------|---------|---------|---------|---------|-------|-------|
| Deposits ² | | | | | | | | |
| Household and company deposits | -0.6 | 2.5 | 3.2 | 3.0 | 3.2 | 2.5 | 1.3 | 2.1 |
| Sight and savings | 14.7 | 16.0 | 15.7 | 16.2 | 18.6 | 18.8 | 16.3 | 17.2 |
| Term and notice | -16.3 | -16.0 | -15.1 | -17.7 | -22.0 | -24.9 | -25.1 | -25.1 |
| General government deposits | 6.7 | -14.2 | -9.4 | -29.1 | -28.0 | -26.7 | 1.8 | 8.9 |
| TOTAL | -0.2 | 1.2 | 2.4 | 0.4 | 1.0 | 0.5 | 1.4 | 2.5 |
| Outstanding balance of credit ² | | | | | | | | |
| Private sector | -5.5 | -3.6 | -3.3 | -3.2 | -2.7 | -2.2 | -2.5 | -2.4 |
| Non-financial firms | -7.3 | -5.3 | -5.2 | -5.2 | -4.3 | -3.1 | -4.0 | -4.0 |
| Households - housing | -4.6 | -3.7 | -3.3 | -3.1 | -3.0 | -2.8 | -2.8 | -2.7 |
| Households - other purposes | -2.6 | 2.0 | 3.1 | 2.9 | 3.6 | 2.8 | 2.8 | 3.2 |
| General government | 0.2 | -2.9 | -2.2 | -2.7 | -3.2 | -12.6 | -11.6 | -10.8 |
| TOTAL | -5.2 | -3.6 | -3.2 | -3.2 | -2.7 | -2.9 | -3.2 | -3.0 |
| NPL ratio (%) ³ | 10.1 | 9.1 | 9.2 | 9.1 | 8.8 | 8.4 | 8.5 | ••• |

Notes: 1. Aggregate data from Spain's banks. 2. Residents in Spain. 3. Data up to end of period.

Source: CaixaBank Research, based on data from the Bank of Spain.