

# FORECASTS

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

### International economy

|                     | 2015 | 2016 | 2017 | 2018 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | Q3 2017 | Q4 201 |
|---------------------|------|------|------|------|---------|---------|---------|---------|---------|--------|
| GDP GROWTH          |      |      |      |      |         |         |         |         |         |        |
| Global              | 3.2  | 3.1  | 3.4  | 3.6  | 3.1     | 3.2     | 3.4     | 3.4     | 3.4     | 3.5    |
| Developed countries | 2.1  | 1.6  | 2.0  | 2.0  | 1.7     | 1.8     | 2.0     | 2.0     | 1.9     | 1.9    |
| United States       | 2.6  | 1.6  | 2.3  | 2.4  | 1.7     | 2.0     | 2.3     | 2.5     | 2.2     | 2.3    |
| Euro area           | 1.9  | 1.7  | 1.7  | 1.7  | 1.8     | 1.7     | 1.6     | 1.7     | 1.7     | 1.7    |
| Germany             | 1.5  | 1.8  | 1.6  | 1.6  | 1.7     | 1.8     | 1.5     | 1.5     | 1.8     | 1.7    |
| France              | 1.2  | 1.1  | 1.3  | 1.4  | 1.0     | 1.2     | 0.9     | 1.4     | 1.5     | 1.4    |
| Italy               | 0.7  | 1.0  | 0.8  | 0.8  | 1.0     | 1.0     | 0.8     | 0.9     | 0.7     | 0.7    |
| Portugal            | 1.6  | 1.4  | 1.5  | 1.4  | 1.7     | 2.0     | 1.9     | 1.9     | 1.2     | 0.8    |
| Spain               | 3.2  | 3.2  | 2.8  | 2.4  | 3.2     | 3.0     | 2.9     | 2.8     | 2.7     | 2.7    |
| Japan               | 1.2  | 1.0  | 1.1  | 0.8  | 1.1     | 1.6     | 1.4     | 1.2     | 1.1     | 0.9    |
| United Kingdom      | 2.2  | 1.8  | 1.6  | 1.4  | 2.0     | 1.9     | 2.1     | 1.7     | 1.4     | 1.0    |
| Emerging countries  | 4.1  | 4.2  | 4.5  | 4.8  | 4.1     | 4.2     | 4.4     | 4.5     | 4.5     | 4.6    |
| China               | 6.9  | 6.7  | 6.4  | 5.9  | 6.7     | 6.8     | 6.6     | 6.5     | 6.3     | 6.2    |
| India               | 7.5  | 7.5  | 7.3  | 7.7  | 7.4     | 7.0     | 7.1     | 7.1     | 7.4     | 7.7    |
| Indonesia           | 4.9  | 5.0  | 5.1  | 5.6  | 5.0     | 4.9     | 5.0     | 5.0     | 5.2     | 5.2    |
| Brazil              | -3.8 | -3.6 | 0.7  | 2.1  | -2.9    | -2.5    | -1.0    | 0.3     | 1.5     | 2.1    |
| Mexico              | 2.6  | 2.3  | 1.6  | 2.1  | 2.1     | 2.4     | 1.9     | 1.8     | 1.3     | 1.2    |
| Chile               | 2.3  | 1.6  | 1.9  | 2.6  | 1.8     | 0.5     | 1.5     | 1.9     | 2.1     | 2.2    |
| Russia              | -3.7 | -0.6 | 1.3  | 1.6  | -0.4    | -0.4    | 1.0     | 1.3     | 1.4     | 1.5    |
| Turkey              | 6.0  | 2.9  | 2.7  | 3.0  | -1.3    | 3.5     | 2.5     | 2.7     | 2.8     | 2.9    |
| Poland              | 3.9  | 2.9  | 3.3  | 3.1  | 2.3     | 3.1     | 3.4     | 3.4     | 3.4     | 3.1    |
| South Africa        | 1.3  | 0.4  | 1.1  | 1.6  | 0.7     | 0.5     | 1.2     | 0.7     | 1.0     | 1.4    |
| INFLATION           |      |      |      |      |         |         |         |         |         |        |
| Global              | 2.8  | 2.8  | 3.4  | 3.3  | 2.7     | 2.9     | 3.3     | 3.4     | 3.4     | 3.6    |
| Developed countries | 0.3  | 0.7  | 2.0  | 1.9  | 0.6     | 1.1     | 2.0     | 2.0     | 2.1     | 2.0    |
| United States       | 0.1  | 1.3  | 2.6  | 2.4  | 1.1     | 1.8     | 2.7     | 2.5     | 2.7     | 2.5    |
| Euro area           | 0.0  | 0.2  | 1.8  | 1.6  | 0.3     | 0.7     | 1.9     | 1.8     | 1.9     | 1.7    |
| Germany             | 0.1  | 0.4  | 2.0  | 1.7  | 0.4     | 1.0     | 2.1     | 2.1     | 2.1     | 1.8    |
| France              | 0.1  | 0.3  | 1.7  | 1.6  | 0.4     | 0.7     | 1.5     | 1.7     | 1.9     | 1.7    |
| Italy               | 0.1  | 0.0  | 1.4  | 1.4  | -0.1    | 0.2     | 1.4     | 1.5     | 1.5     | 1.3    |
| Portugal            | 0.5  | 0.6  | 1.5  | 1.5  | 0.7     | 0.8     | 1.4     | 1.5     | 1.6     | 1.5    |
| Spain               | -0.5 | -0.2 | 2.2  | 1.5  | -0.2    | 1.0     | 2.8     | 2.3     | 2.3     | 1.7    |
| Japan               | 0.8  | -0.1 | 0.6  | 0.9  | -0.5    | 0.3     | 0.5     | 0.5     | 1.0     | 0.6    |
| United Kingdom      | 0.0  | 0.7  | 2.6  | 2.5  | 0.7     | 1.2     | 2.0     | 2.5     | 2.9     | 2.8    |
| Emerging countries  | 4.7  | 4.4  | 4.5  | 4.4  | 4.3     | 4.1     | 4.3     | 4.5     | 4.4     | 4.9    |
| China               | 1.4  | 2.0  | 2.2  | 2.3  | 1.7     | 2.2     | 1.9     | 2.3     | 1.9     | 2.5    |
| India               | 4.9  | 4.9  | 4.9  | 5.2  | 5.2     | 3.7     | 3.8     | 4.0     | 4.7     | 7.3    |
| Indonesia           | 6.4  | 3.5  | 4.1  | 4.6  | 3.0     | 3.3     | 4.0     | 4.9     | 3.9     | 3.8    |
| Brazil              | 9.0  | 8.8  | 5.3  | 4.6  | 8.7     | 7.1     | 5.5     | 5.4     | 5.3     | 5.0    |
| Mexico              | 2.7  | 2.8  | 5.0  | 3.5  | 2.8     | 3.2     | 4.8     | 4.9     | 5.0     | 5.1    |
| Chile               | 4.3  | 4.0  | 3.2  | 3.3  | 3.8     | 3.3     | 3.0     | 3.1     | 3.2     | 3.3    |
| Russia              | 15.5 | 7.1  | 5.0  | 4.9  | 6.8     | 5.7     | 5.1     | 5.0     | 5.0     | 5.0    |
| Turkey              | 7.7  | 7.8  | 7.9  | 6.8  | 8.0     | 7.6     | 8.2     | 8.3     | 7.6     | 7.3    |
| Poland              | -0.9 | -0.7 | 1.4  | 2.0  | -0.8    | 0.2     | 0.7     | 1.5     | 1.5     | 1.8    |
| South Africa        | 4.6  | 6.3  | 5.6  | 5.6  | 6.0     | 6.6     | 5.9     | 5.3     | 5.4     | 5.9    |

Forecasts

#### Spanish economy

|   | 2015  | 2016  | 2017  | 2018  | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | Q3 2017 | Q4 201 |
|---|-------|-------|-------|-------|---------|---------|---------|---------|---------|--------|
| Macroeconomic aggregates  |       |       |       |       |         |         |         |         |         |        |
| Household consumption   | 2.8   | 3.2   | 2.7   | 2.0   | 3.0     | 3.0     | 2.8     | 2.7     | 2.7     | 2.5    |
| General government consumption  | 2.0   | 0.8   | 0.8   | 0.8   | 0.8     | 0.0     | 0.2     | 1.0     | 0.7     | 1.1    |
| Gross fixed capital formation   | 6.0   | 3.1   | 3.3   | 3.5   | 2.6     | 2.2     | 2.9     | 2.5     | 3.6     | 4.0    |
| Capital goods   | 8.9   | 5.1   | 3.1   | 3.3   | 4.3     | 2.7     | 3.0     | 2.1     | 3.1     | 4.2    |
| Construction  | 4.9   | 1.9   | 3.3   | 3.5   | 1.6     | 1.9     | 2.8     | 2.8     | 3.7     | 4.0    |
| Domestic demand (contr. $\Delta$ GDP)                                 | 3.3   | 2.8   | 2.4   | 2.0   | 2.5     | 2.2     | 2.3     | 2.4     | 2.5     | 2.4    |
| Exports of goods and services   | 4.9   | 4.4   | 4.5   | 4.5   | 2.9     | 4.4     | 5.3     | 2.9     | 5.3     | 4.4    |
| Imports of goods and services   | 5.6   | 3.3   | 3.6   | 3.6   | 1.0     | 2.3     | 3.6     | 1.9     | 5.0     | 4.1    |
| Gross domestic product  | 3.2   | 3.2   | 2.8   | 2.4   | 3.2     | 3.0     | 2.9     | 2.8     | 2.7     | 2.7    |
| Other variables   |       |       |       |       |         |         |         |         |         |        |
| Employment  | 3.0   | 2.9   | 2.2   | 2.1   | 2.9     | 2.7     | 2.2     | 2.2     | 2.0     | 2.4    |
| Unemployment rate (% labour force)                                    | 22.1  | 19.6  | 17.7  | 16.3  | 18.9    | 18.6    | 18.7    | 17.9    | 17.0    | 17.0   |
| Consumer price index  | -0.5  | -0.2  | 2.2   | 1.5   | -0.2    | 1.0     | 2.8     | 2.3     | 2.3     | 1.7    |
| Unit labour costs   | 0.2   | -0.3  | 0.5   | 1.2   | -0.3    | -0.1    | -0.1    | 0.4     | 0.8     | 1.0    |
| Current account balance (cum., % GDP) <sup>1</sup>                    | 1.4   | 2.0   | 1.8   | 1.6   | 1.9     | 2.0     | 2.0     | 1.9     | 1.8     | 1.8    |
| Net lending or borrowing rest of the world (cum., % GDP) <sup>1</sup> | 2.0   | 2.4   | 2.4   | 2.2   | 2.4     | 2.4     | 2.6     | 2.5     | 2.4     | 2.4    |
| Fiscal balance (cum., % GDP) <sup>2</sup>                             | -5.0  | -4.3  | -3.4  | -2.4  |         |         |         |         |         |        |
| ïnancial markets  |       |       |       |       |         |         |         |         |         |        |
| INTEREST RATES  |       |       |       |       |         |         |         |         |         |        |
| Dollar  | 0.26  | 0.51  | 1.02  | 1.04  | 0.50    | 0.55    | 0.75    | 0.02    | 1.00    | 1 2 2  |
| Fed Funds   | 0.26  | 0.51  | 1.02  | 1.94  | 0.50    | 0.55    | 0.75    | 0.92    | 1.08    | 1.33   |
| 3-month Libor   | 0.32  | 0.74  | 1.39  | 2.20  | 0.79    | 0.92    | 1.09    | 1.29    | 1.49    | 1.69   |
| 12-month Libor  | 0.79  | 1.37  | 2.00  | 2.63  | 1.46    | 1.62    | 1.76    | 1.92    | 2.08    | 2.24   |
| 2-year government bonds   | 0.67  | 0.84  | 1.68  | 2.74  | 0.72    | 1.00    | 1.29    | 1.55    | 1.81    | 2.08   |
| 10-year government bonds  | 2.13  | 1.84  | 2.76  | 3.49  | 1.56    | 2.13    | 2.49    | 2.67    | 2.85    | 3.04   |
| 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 | -0.32 | -0.21 | -0.30   | -0.31   | -0.33   | -0.33   | -0.31   | -0.30  |
| 12-month Euribor  | 0.17  | -0.03 | -0.08 | 0.05  | -0.05   | -0.07   | -0.10   | -0.09   | -0.07   | -0.06  |
| 2-year government bonds (Germany)                                     | -0.24 | -0.58 | -0.70 | -0.29 | -0.64   | -0.71   | -0.78   | -0.78   | -0.66   | -0.58  |
|   |       |       |       |       |         |         |         |         |         |        |

| 10-year government bonds (Germany) | 0.53   | 0.10   | 0.48   | 0.85   | -0.12  | 0.11   | 0.34   | 0.44   | 0.53   | 0.62   |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                    |        |        |        |        |        |        |        |        |        |        |
| EXCHANGE RATES                     |        |        |        |        |        |        |        |        |        |        |
| \$/€                               | 1.11   | 1.11   | 1.03   | 1.04   | 1.12   | 1.08   | 1.05   | 1.03   | 1.02   | 1.02   |
| ¥/€                                | 134.33 | 120.30 | 118.25 | 120.47 | 114.26 | 117.96 | 121.07 | 117.01 | 116.96 | 117.98 |
| £/€                                | 0.73   | 0.82   | 0.89   | 0.88   | 0.85   | 0.87   | 0.86   | 0.89   | 0.90   | 0.90   |
| OIL                                |        |        |        |        |        |        |        |        |        |        |
| Brent (\$/barrel)                  | 53.61  | 45.63  | 56.10  | 61.71  | 47.49  | 51.96  | 55.20  | 54.83  | 56.50  | 58.00  |
| Brent (€/barrel)                   | 48.30  | 41.28  | 54.29  | 59.13  | 42.55  | 48.25  | 51.79  | 53.11  | 55.39  | 56.86  |

Note: 1. Four quarter cumulative. 2. Cumulative over four quarters. Does not include aid to financial institutions.

Forecasts

#### Interest rates (%)

|                                    | 31-Mar | 28-Feb | Monthly<br>change (bp) | Year-to-date<br>(bp) | Year-on-year change<br>(bp) |
|------------------------------------|--------|--------|------------------------|----------------------|-----------------------------|
| Euro area                          |        |        |                        |                      |                             |
| ECB Refi                           | 0.00   | 0.00   | 0                      | 0.0                  | 0.0                         |
| 3-month Euribor                    | -0.33  | -0.33  | 0                      | -1.0                 | -8.7                        |
| 1-year Euribor                     | -0.11  | -0.11  | 0                      | -2.8                 | -10.4                       |
| 1-year government bonds (Germany)  | -0.72  | -0.88  | 16                     | 8.1                  | -24.9                       |
| 2-year government bonds (Germany)  | -0.74  | -0.90  | 16                     | 2.6                  | -24.1                       |
| 10-year government bonds (Germany) | 0.33   | 0.21   | 12                     | 12.2                 | 19.3                        |
| 10-year government bonds (Spain)   | 1.67   | 1.66   | 1                      | 28.6                 | 22.9                        |
| 10-year spread (bps) <sup>1</sup>  | 134    | 145    | -11                    | 16.3                 | 3.6                         |
| US                                 |        |        |                        |                      |                             |
| Fed funds                          | 1.00   | 0.75   | 25                     | 25.0                 | 50.0                        |
| 3-month Libor                      | 1.15   | 1.06   | 9                      | 15.2                 | 51.9                        |
| 12-month Libor                     | 1.80   | 1.76   | 4                      | 11.4                 | 56.1                        |
| 1-year government bonds            | 1.02   | 0.82   | 20                     | 20.9                 | 44.0                        |
| 2-year government bonds            | 1.25   | 1.26   | -1                     | 6.2                  | 46.6                        |
| 10-year government bonds           | 2.39   | 2.39   | 0                      | -5.4                 | 58.7                        |

### Spreads corporate bonds (bps)

|                                | 31-Mar | 28-Feb | Monthly<br>change (bp) | Year-to-date<br>(bp) | Year-on-year change<br>(bp) |
|--------------------------------|--------|--------|------------------------|----------------------|-----------------------------|
| Itraxx Corporate               | 74     | 73     | 1                      | 1.7                  | -2.0                        |
| Itraxx Financials Senior       | 89     | 92     | -3                     | -4.7                 | -6.2                        |
| Itraxx Subordinated Financials | 193    | 211    | -19                    | -28.7                | -17.1                       |

#### Exchange rates

|      | 31-Mar  | 28-Feb  | Monthly<br>change (%) | Year-to-date<br>(%) | Year-on-year change<br>(%) |
|------|---------|---------|-----------------------|---------------------|----------------------------|
| \$/€ | 1.065   | 1.058   | 0.7                   | 1.3                 | -5.7                       |
| ¥/€  | 118.670 | 119.270 | -0.5                  | -3.5                | -6.7                       |
| £/€  | 0.849   | 0.854   | -0.7                  | -0.6                | 8.1                        |
| ¥/\$ | 111.390 | 112.770 | -1.2                  | -4.8                | -1.2                       |

#### Commodities

|                     | 31-Mar  | 28-Feb  | Monthly<br>change (%) | Year-to-date<br>(%) | Year-on-year change<br>(%) |
|---------------------|---------|---------|-----------------------|---------------------|----------------------------|
| CRB Commodity Index | 431.0   | 432.6   | -0.4                  | 1.9                 | 7.2                        |
| Brent (\$/barrel)   | 52.8    | 55.6    | -5.0                  | -7.0                | 35.0                       |
| Gold (\$/ounce)     | 1,249.4 | 1,248.3 | 0.1                   | 8.4                 | 0.6                        |

### Equity

|                          | 31-Mar   | 28-Feb   | Monthly<br>change (%) | Year-to-date<br>(%) | Year-on-year change<br>(%) |
|--------------------------|----------|----------|-----------------------|---------------------|----------------------------|
| S&P 500 (USA)            | 2,362.7  | 2,363.6  | 0.0                   | 5.5                 | 15.0                       |
| Eurostoxx 50 (euro area) | 3,500.9  | 3,319.6  | 5.5                   | 6.4                 | 16.5                       |
| lbex 35 (Spain)          | 10,462.9 | 9,555.5  | 9.5                   | 11.9                | 18.8                       |
| Nikkei 225 (Japan)       | 18,909.3 | 19,119.0 | -1.1                  | -0.7                | 10.6                       |
| MSCI Emerging            | 958.4    | 936.4    | 2.3                   | 11.1                | 17.6                       |
| Nasdaq (USA)             | 5,911.7  | 5,825.4  | 1.5                   | 9.8                 | 22.0                       |

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

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

#### **UNITED STATES**

|   | 2014  | 2015  | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | 02/17 | 03/17 |
|---|-------|-------|---------|---------|---------|---------|-------|-------|-------|
| Activity  |       |       |         |         |         |         |       |       |       |
| Real GDP  | 2.4   | 2.6   | 1.6     | 1.3     | 1.7     | 2.0     | _     |       | _     |
| Retail sales (excluding cars and petrol)        | 4.5   | 4.3   | 3.9     | 4.4     | 3.6     | 3.8     | 5.0   | 4.4   |       |
| Consumer confidence (value)                     | 86.9  | 98.0  | 96.0    | 94.8    | 100.7   | 107.8   | 111.6 | 116.1 | 125.6 |
| Industrial production                           | 2.9   | 0.3   | -1.6    | -1.1    | -1.0    | -0.1    | 0.2   | 0.3   |       |
| Manufacturing activity index (ISM) (value)      | 55.6  | 51.4  | 50.0    | 51.5    | 51.1    | 53.3    | 56.0  | 57.7  |       |
| Housing starts (thousands)                      | 1,001 | 1,108 | 1,151   | 1,159   | 1,145   | 1,248   | 1,251 | 1,288 |       |
| Case-Shiller home price index (value)           | 171   | 179   | 186     | 188     | 188     | 192     | 195   |       |       |
| Unemployment rate (% lab. force)                | 6.2   | 5.3   | 4.9     | 4.9     | 4.9     | 4.7     | 4.8   | 4.7   |       |
| Employment-population ratio (% pop. > 16 years) | 59.0  | 59.4  | 59.8    | 59.7    | 59.8    | 59.7    | 59.9  | 60.0  |       |
| Trade balance <sup>1</sup> (% GDP)              | -2.8  | -2.8  | -2.8    | -2.7    | -2.7    | -2.7    | -2.7  |       |       |
| Prices  |       |       |         |         |         |         |       |       |       |
| Consumer prices                                 | 1.6   | 0.1   | 1.1     | 1.0     | 1.1     | 1.8     | 2.5   | 2.7   |       |
| Core consumer prices                            | 1.7   | 1.8   | 2.2     | 2.2     | 2.2     | 2.2     | 2.3   | 2.2   |       |

Note: 1. Cumulative figure over last 12 months.

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**

|  | 2014 | 2015 | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | 02/17 |
|--|------|------|---------|---------|---------|---------|-------|-------|
| Activity                                 |      |      |         |         |         |         |       |       |
| Real GDP                                 | 0.2  | 1.2  | 0.4     | 0.9     | 1.1     | 1.6     | _     |       |
| Consumer confidence (value)              | 39.3 | 41.3 | 41.4    | 41.2    | 42.1    | 42.1    | 43.2  | 43.1  |
| Industrial production                    | 2.1  | -1.2 | -3.2    | -1.7    | 0.5     | 2.6     | 1.9   |       |
| Business activity index (Tankan) (value) | 13.5 | 12.8 | 6.0     | 6.0     | 6.0     | 10.0    | -     |       |
| Unemployment rate (% lab. force)         | 3.6  | 3.4  | 3.2     | 3.2     | 3.0     | 3.1     | 3.0   |       |
| Trade balance <sup>1</sup> (% GDP)       | -2.5 | -0.5 | -0.2    | 0.1     | 0.5     | 0.7     | 0.9   | 1.0   |
| Prices                                   |      |      |         |         |         |         |       |       |
| Consumer prices                          | 2.8  | 0.8  | 0.0     | -0.3    | -0.5    | 0.3     | 0.5   | 0.2   |
| Core consumer prices                     | 1.8  | 1.0  | 0.6     | 0.6     | 0.2     | 0.1     | 0.1   | -0.1  |
|  |      |      |         |         |         |         |       |       |

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**

|   | 2014 | 2015  | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | 02/17 |
|---|------|-------|---------|---------|---------|---------|-------|-------|
| Activity                                    |      |       |         |         |         |         |       |       |
| Real GDP                                    | 7.3  | 6.9   | 6.7     | 6.7     | 6.7     | 6.8     | -     |       |
| Retail sales                                | 12.0 | 10.7  | 10.3    | 10.2    | 10.5    | 10.6    | 9.5   | 9.5   |
| Industrial production                       | 8.3  | 6.1   | 5.9     | 6.1     | 6.1     | 6.1     | 6.3   | 6.3   |
| PMI manufacturing (value)                   | 50.7 | 49.9  | 49.5    | 50.1    | 50.2    | 51.4    | 51.3  | 51.6  |
| Foreign sector                              |      |       |         |         |         |         |       |       |
| Trade balance <sup>1</sup> (value)          | 383  | 608   | 588     | 576     | 554     | 513     | 508   | 470   |
| Exports                                     | 6.0  | -2.3  | -14.3   | -7.5    | -7.0    | -5.2    | 8.0   | -1.5  |
| Imports                                     | 0.4  | -14.2 | -14.1   | -7.1    | -4.7    | 2.1     | 16.7  | 38.0  |
| Prices                                      |      |       |         |         |         |         |       |       |
| Consumer prices                             | 2.0  | 1.4   | 2.1     | 2.1     | 1.7     | 2.2     | 2.5   | 0.8   |
| Official interest rate <sup>2</sup> (value) | 5.60 | 4.35  | 4.35    | 4.35    | 4.35    | 4.35    | 4.35  | 4.35  |
| Renminbi per dollar ( <i>value</i> )        | 6.2  | 6.3   | 6.5     | 6.5     | 6.7     | 6.8     | 6.9   | 6.9   |

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  | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | 02/17 | 03/17 |
|--|-------|-------|---------|---------|---------|---------|-------|-------|-------|
| Retail sales (year-on-year change)               | 2.7   | 1.9   | 2.2     | 1.8     | 1.4     | 2.3     | 1.2   |       |       |
| Industrial production (year-on-year change)      | 2.1   | 1.4   | 1.4     | 1.0     | 1.1     | 2.3     | 0.6   |       |       |
| Consumer confidence                              | -6.2  | -7.7  | -8.3    | -7.8    | -8.2    | -6.4    | -4.8  | -6.2  | -5.0  |
| Economic sentiment                               | 104.2 | 104.8 | 103.9   | 104.2   | 104.2   | 106.9   | 107.9 | 108.0 | 107.9 |
| Manufacturing PMI                                | 52.2  | 52.5  | 51.7    | 52.0    | 52.1    | 54.0    | 55.2  | 55.4  | 56.2  |
| Services PMI                                     | 54.0  | 53.1  | 53.3    | 53.1    | 52.6    | 53.4    | 53.7  | 55.6  | 56.5  |
| Labour market                                    |       |       |         |         |         |         |       |       |       |
| Employment (people) (year-on-year change)        | 1.0   | 1.3   | 1.4     | 1.4     | 1.2     | 1.2     | _     |       | _     |
| Unemployment rate: euro area<br>(% labour force) | 10.9  | 10.0  | 10.3    | 10.1    | 9.9     | 9.7     | 9.6   |       |       |
| Germany (% labour force)                         | 4.6   | 4.2   | 4.3     | 4.2     | 4.1     | 3.9     | 3.8   |       |       |
| France (% labour force)                          | 10.4  | 10.0  | 10.2    | 9.9     | 10.1    | 10.0    | 10.0  |       |       |
| Italy (% labour force)                           | 11.9  | 11.7  | 11.6    | 11.6    | 11.6    | 11.8    | 11.9  |       |       |
| Spain (% labour force)                           | 22.1  | 19.6  | 20.5    | 20.1    | 19.3    | 18.7    | 18.2  |       |       |

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                      | 01 2016   | 02 2016  | 02 2016   | 04 2016  | 01/17   | 02/17   |
|------|---------------------------|---|--|---|--|---|---|
| 2015 | 2016                      | QT 2016   | Q2 2016  | Q3 2016   | Q4 2016  | 01/17   | 02/17   |
| 3.2  | 3.6                       | 3.2   | 3.5  | 3.4   | 3.6  | 3.5   |   |
| 8.6  | 8.4                       | 8.7   | 8.9  | 8.6   | 8.4  | 8.3   |   |
| -0.2 | -1.1                      | -0.8  | -0.8   | -1.1  | -1.1   | -1.4  |   |
| 1.6  | 2.8                       | 1.9   | 2.3  | 2.6   | 2.8  | 2.7   |   |
| 1.4  | 2.0                       | 1.4   | 1.7  | 1.8   | 2.0  | 2.0   |   |
| 92.3 | 94.7                      | 94.1  | 94.8   | 95.1  | 94.8   | 94.3  | 93.8  |
|      | 8.6<br>-0.2<br>1.6<br>1.4 | 3.2   3.6     8.6   8.4     -0.2   -1.1     1.6   2.8     1.4   2.0 | 3.2   3.6   3.2     8.6   8.4   8.7     -0.2   -1.1   -0.8     1.6   2.8   1.9     1.4   2.0   1.4 | 3.2   3.6   3.2   3.5     8.6   8.4   8.7   8.9     -0.2   -1.1   -0.8   -0.8     1.6   2.8   1.9   2.3     1.4   2.0   1.4   1.7 | 3.2   3.6   3.2   3.5   3.4     8.6   8.4   8.7   8.9   8.6     -0.2   -1.1   -0.8   -0.8   -1.1     1.6   2.8   1.9   2.3   2.6     1.4   2.0   1.4   1.7   1.8 | 3.2   3.6   3.2   3.5   3.4   3.6     8.6   8.4   8.7   8.9   8.6   8.4     -0.2   -1.1   -0.8   -0.8   -1.1   -1.1     1.6   2.8   1.9   2.3   2.6   2.8     1.4   2.0   1.4   1.7   1.8   2.0 | 3.2   3.6   3.2   3.5   3.4   3.6   3.5     8.6   8.4   8.7   8.9   8.6   8.4   8.3     -0.2   -1.1   -0.8   -0.1   -1.1   -1.4     1.6   2.8   1.9   2.3   2.6   2.8   2.7     1.4   2.0   1.4   1.7   1.8   2.0   2.0 |

*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 | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | 02/17 |
|--|------|------|---------|---------|---------|---------|-------|-------|
| Private sector financing                                       |      |      |         |         |         |         |       |       |
| Credit to non-financial firms <sup>1</sup>                     | -0.4 | 1.8  | 1.2     | 1.7     | 2.1     | 2.2     | 2.3   | 2.0   |
| Credit to households <sup>1,2</sup>                            | 0.7  | 1.7  | 1.5     | 1.7     | 1.8     | 1.9     | 2.2   | 2.3   |
| Interest rate on loans to non-financial firms <sup>3</sup> (%) | 1.6  | 1.4  | 1.4     | 1.4     | 1.3     | 1.3     | 1.3   | 1.2   |
| Interest rate on loans to households for house purchases 4 (%) | 2.1  | 1.9  | 2.0     | 1.8     | 1.8     | 1.8     | 1.8   | 1.8   |
| Deposits   |      |      |         |         |         |         |       |       |
| On demand deposits   | 11.1 | 10.0 | 11.2    | 10.1    | 9.5     | 9.3     | 9.3   | 9.2   |
| Other short-term deposits                                      | -3.8 | -1.9 | -2.4    | -1.8    | -1.2    | -2.0    | -2.2  | -2.1  |
| Marketable instruments   | 2.6  | 2.9  | -1.0    | 2.3     | 5.7     | 4.7     | 7.3   | 3.5   |
| Interest rate on deposits up to 1 year from households (%)     | 0.8  | 0.5  | 0.6     | 0.6     | 0.5     | 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 | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | 02/17 | 03/17 |
|--|------|------|---------|---------|---------|---------|-------|-------|-------|
| Industry                                     |      |      |         |         |         |         |       |       |       |
| Electricity consumption                      | 1.7  | 0.1  | -0.8    | 0.8     | 0.3     | -0.1    | 5.0   | 1.2   |       |
| Industrial production index                  | 3.3  | 1.9  | 2.6     | 1.4     | 1.9     | 1.8     | 2.5   |       |       |
| Indicator of confidence in industry (value)  | -0.3 | -2.3 | -1.9    | -2.8    | -3.8    | -0.6    | 0.1   | 1.7   | -0.9  |
| Manufacturing PMI (value)                    | 53.6 | 53.2 | 54.3    | 52.5    | 51.4    | 54.4    | 55.6  | 54.8  |       |
| Construction                                 |      |      |         |         |         |         |       |       |       |
| Building permits (cumulative over 12 months) | 20.0 | 43.7 | 45.2    | 48.1    | 44.8    | 36.9    | 27.5  |       |       |
| House sales (cumulative over 12 months)      | 10.9 | 12.9 | 10.7    | 14.1    | 13.3    | 13.6    | 15.5  |       |       |
| House prices                                 | 1.1  | 1.9  | 2.4     | 2.0     | 1.6     | 1.5     | -     |       | _     |
| Services                                     |      |      |         |         |         |         |       |       |       |
| Foreign tourists (cumulative over 12 months) | 5.6  | 8.2  | 5.9     | 7.5     | 9.3     | 10.1    | 10.3  | 10.2  |       |
| Services PMI (value)                         | 57.3 | 55.0 | 54.7    | 55.5    | 54.9    | 54.9    | 54.2  | 57.7  |       |
| Consumption                                  |      |      |         |         |         |         |       |       |       |
| Retail sales                                 | 3.0  | 3.6  | 3.8     | 3.8     | 3.8     | 3.0     | -1.1  | 0.4   |       |
| Car registrations                            | 21.3 | 11.4 | 8.0     | 17.8    | 11.0    | 8.9     | 10.6  | 0.1   |       |
| Consumer confidence index (value)            | 0.3  | -3.8 | -2.5    | -3.2    | -6.1    | -3.2    | -2.5  | -3.8  | -2.2  |

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

#### **Employment indicators**

|  | 2015  | 2016  | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | 02/17 |
|--|-------|-------|---------|---------|---------|---------|-------|-------|
| Registered as employed with Social Security <sup>1</sup> |       |       |         |         |         |         |       |       |
| Employment by industry sector                            |       |       |         |         |         |         |       |       |
| Manufacturing  | 2.2   | 2.8   | 2.8     | 2.7     | 2.7     | 2.8     | 3.0   | 2.9   |
| Construction   | 4.7   | 2.6   | 2.6     | 2.1     | 2.7     | 3.3     | 4.7   | 5.0   |
| Services   | 3.5   | 3.2   | 3.1     | 3.0     | 3.3     | 3.5     | 3.4   | 3.4   |
| Employment by professional status                        |       | 3.5   |         |         |         |         |       |       |
| Employees  | 3.5   | 3.5   | 3.4     | 3.1     | 3.5     | 3.8     | 3.9   | 3.9   |
| Self-employed and others                                 | 1.9   | 1.0   | 1.2     | 1.0     | 0.9     | 0.9     | 0.9   | 0.9   |
| TOTAL  | 3.2   | 3.0   | 3.0     | 2.7     | 3.0     | 3.3     | 3.3   | 3.4   |
| Employment <sup>2</sup>                                  | 3.0   | 2.7   | 3.3     | 2.4     | 2.7     | 2.3     | -     |       |
| Hiring contracts registered <sup>3</sup>                 |       |       |         |         |         |         |       |       |
| Permanent  | 12.3  | 14.2  | 8.3     | 17.4    | 17.9    | 13.3    | 19.5  | 8.4   |
| Temporary  | 11.2  | 7.2   | 6.2     | 9.1     | 7.1     | 6.6     | 16.7  | 5.1   |
| TOTAL  | 11.3  | 7.8   | 6.4     | 9.8     | 7.9     | 7.1     | 16.9  | 5.4   |
| Unemployment claimant count <sup>3</sup>                 |       |       |         |         |         |         |       |       |
| Under 25   | -11.0 | -12.6 | -10.9   | -12.0   | -14.4   | -13.2   | -12.3 | -14.0 |
| All aged 25 and over                                     | -7.2  | -8.2  | -7.8    | -7.5    | -8.6    | -9.0    | -9.2  | -9.3  |
| TOTAL  | -7.5  | -8.6  | -8.1    | -7.9    | -9.1    | -9.4    | -9.4  | -9.7  |

**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 | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | 02/17 | 03/17 |
|-------------------|------|------|---------|---------|---------|---------|-------|-------|-------|
| General           | -0.5 | -0.2 | -0.7    | -0.9    | -0.2    | 1.0     | 3.0   | 3.0   | 2.3   |
| Core              | 0.6  | 0.8  | 1.0     | 0.7     | 0.8     | 0.9     | 1.1   | 1.0   |       |
| Unprocessed foods | 1.8  | 2.3  | 2.1     | 2.7     | 3.5     | 1.0     | 2.7   | 5.4   |       |
| Energy products   | -9.0 | -8.4 | -13.1   | -13.6   | -8.6    | 1.6     | 17.5  | 16.8  |       |

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

#### Foreign sector

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

| 2015  | 2016                                       | Q1 2016  | Q2 2016   | Q3 2016  | Q4 2016  | 01/17  |
|-------|--|--|---|--|--|--|
|       |  |  |   |  |  |  |
| 4.3   | 1.7  | 0.2  | 4.3   | -1.1   | 3.2  | 17.4   |
| 3.7   | -0.4                                       | -0.7   | -0.3  | -3.7   | 3.0  | 19.0   |
| 14.7  | 21.8                                       | 15.4   | 18.9  | 20.7   | 21.8   | 22.6   |
| 26.2  | 32.9                                       | 26.1   | 29.3  | 31.2   | 32.9   | 32.8   |
| -11.5 | -11.1                                      | -10.6  | -10.3   | -10.6  | -11.1  | -10.2  |
| 21.7  | 23.6                                       | 22.2   | 25.4  | 26.2   | 23.6   | 25.1   |
|       | 4.3<br>3.7<br><b>14.7</b><br>26.2<br>-11.5 | 4.3 1.7   3.7 -0.4   14.7 21.8   26.2 32.9   -11.5 -11.1 | 4.3 1.7 0.2   3.7 -0.4 -0.7   14.7 21.8 15.4   26.2 32.9 26.1   -11.5 -11.1 -10.6 | 4.3 1.7 0.2 4.3   3.7 -0.4 -0.7 -0.3   14.7 21.8 15.4 18.9   26.2 32.9 26.1 29.3   -11.5 -11.1 -10.6 -10.3 | 4.3 1.7 0.2 4.3 -1.1   3.7 -0.4 -0.7 -0.3 -3.7   14.7 21.8 15.4 18.9 20.7   26.2 32.9 26.1 29.3 31.2   -11.5 -11.1 -10.6 -10.3 -10.6 | 4.3 1.7 0.2 4.3 -1.1 3.2   3.7 -0.4 -0.7 -0.3 -3.7 3.0   14.7 21.8 15.4 18.9 20.7 21.8   26.2 32.9 26.1 29.3 31.2 32.9   -11.5 -11.1 -10.6 -10.3 -10.6 -11.1 |

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 | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 |
|---|------|------|---------|---------|---------|---------|-------|
| Net lending (+) / borrowing (–) capacity <sup>1</sup> | -5.1 | -4.5 | -0.7    | -3.0    | -2.8    | -4.5    | _     |
| Central government                                    | -2.6 | -2.7 | -0.8    | -1.9    | -2.6    | -2.7    | -0.5  |
| Autonomous regions                                    | -1.7 | -0.8 | -0.1    | -0.6    | -0.1    | -0.8    | -0.1  |
| Local government                                      | 0.5  | 0.6  | 0.1     | 0.1     | 0.5     | 0.6     | _     |
| Social Security                                       | -1.2 | -1.6 | 0.2     | -0.6    | -0.6    | -1.6    | 0.1   |
| Public debt (% GDP)                                   | 99.8 | 99.4 | 101.1   | 101.0   | 100.3   | 99.4    | _     |

**Note:** 1. Includes aid to financial institutions.

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

#### Financing and deposits of non-financial sectors

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

|  | 2015              | 2016  | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | 01/17 | Balance<br>01/171 |
|--|-------------------|-------|---------|---------|---------|---------|-------|-------------------|
| Financing of non-financial sectors <sup>2</sup>  |                   |       |         |         |         |         |       |                   |
| Private sector                                   | -3.9              | -2.6  | -3.2    | -2.9    | -2.1    | -2.1    | -1.7  | 1,634.9           |
| Non-financial firms                              | -4.0              | -2.8  | -3.4    | -3.2    | -2.2    | -2.2    | -1.7  | 914.2             |
| Households <sup>3</sup>                          | -3.6              | -2.3  | -3.0    | -2.5    | -2.0    | -1.9    | -1.7  | 720.7             |
| General government <sup>4</sup>                  | 4.0               | 3.9   | 3.5     | 4.2     | 4.6     | 3.1     | 3.9   | 1,098.6           |
| TOTAL  | -1.0              | -0.1  | -0.6    | -0.2    | 0.5     | -0.1    | 0.5   | 2,733.5           |
| Liabilities of financial institutions due to fir | ms and households | 5     |         |         |         |         |       |                   |
| Total deposits                                   | -1.0              | -0.3  | -0.4    | -0.3    | -0.3    | -0.1    | -1.0  | 1,152.3           |
| On demand deposits                               | 18.5              | 16.6  | 16.2    | 16.0    | 16.4    | 17.8    | 17.3  | 444.6             |
| Savings deposits                                 | 12.9              | 12.4  | 13.4    | 12.1    | 11.5    | 12.5    | 13.9  | 279.6             |
| Term deposits                                    | -15.3             | -17.2 | -15.4   | -16.4   | -17.4   | -19.7   | -23.0 | 406.8             |
| Deposits in foreign currency                     | 5.6               | -1.1  | -4.0    | 1.6     | -1.9    | 0.1     | -1.5  | 21.3              |
| Rest of liabilities <sup>5</sup>                 | -13.0             | -15.7 | -16.7   | -16.3   | -11.3   | -18.6   | -18.9 | 84.0              |
| TOTAL  | -2.2              | -1.6  | -1.9    | -1.7    | -1.2    | -1.6    | -2.4  | 1,236.3           |
| NPL ratio (%) <sup>6</sup>                       | 10.1              | 9.1   | 10.0    | 9.4     | 9.2     | 9.1     | 9.2   | _                 |
| Coverage ratio (%) <sup>6</sup>                  | 58.9              | 58.9  | 59.0    | 58.7    | 59.3    | 58.9    | 58.9  | _                 |

**Notes:** 1. Billion euros. 2. Resident in Spain. 3. Including NPISH. 4. Total liabilities (consolidated). Liabilities between different levels of government are deduced. 5. Aggregate balance according to supervision statements. Includes asset transfers, securitized financial liabilities, repos and subordinated deposits. 6. Data end of period.

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