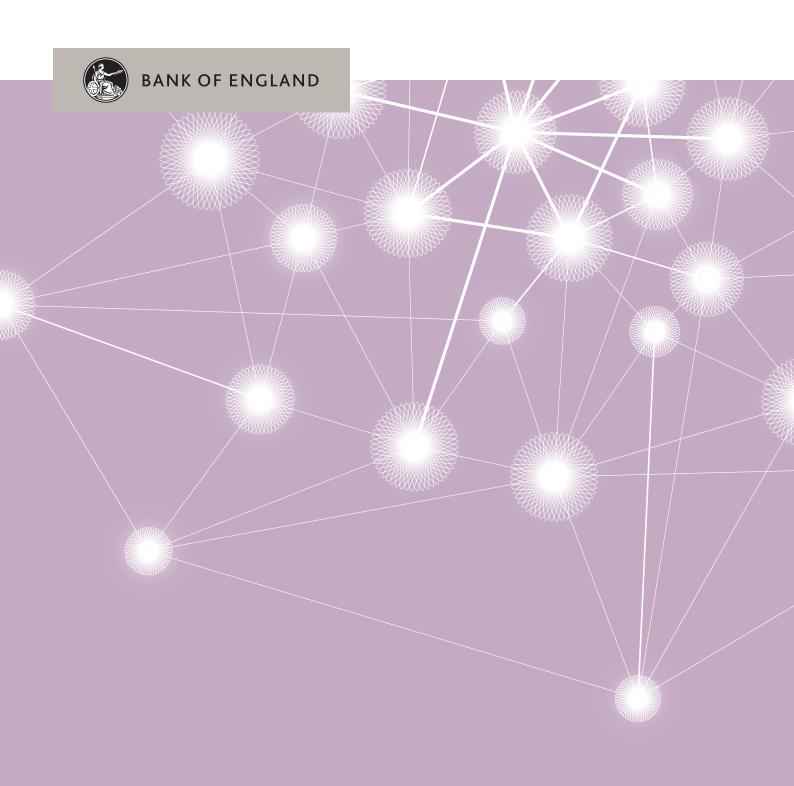
# Systemic Risk Survey

Survey results | 2018 H2





## Systemic Risk Survey

### Survey results | 2018 H2

#### The Systemic Risk Survey

- The Systemic Risk Survey is conducted by the Bank of England on a biannual basis, to quantify and track market participants' views of risks to, and their confidence in, the stability of the UK financial system.
- This report presents the results of the 2018 H2 survey, which was conducted between 17 September and 11 October.

### Probability of a high-impact event and confidence in the UK financial system

- The perceived probability of a high-impact event in the UK financial system over the short term has increased considerably. The percentage of respondents judging the probability of such an event to be high or very high increased from 24% to 67% since the 2018 H1 survey. Respondents' perceived probability of such an event over the medium term was broadly unchanged.
- Confidence in the stability of the UK financial system over the next three years has fallen slightly. Respondents were less likely to judge themselves as being completely confident or very confident (24%, -5 percentage points since the 2018 H1 survey), and more likely to judge themselves fairly confident (70%, +4 percentage points).

#### Sources of risk to the UK financial system

- UK political risk was the risk to the UK financial system most cited by respondents (mentioned by 97% of respondents, +6 percentage points since 2018 H1). Around 80% of responses that cited UK political risk explicitly referred to the implications of Brexit. UK political risk also remains, by a considerable margin, the most frequently cited number one source of risk (mentioned by 74% of respondents).
- Cyber attack (66%, +4 percentage points) and geopolitical risk (62%, unchanged) were the second and third most cited risks respectively. The proportion of respondents that cited cyber attack increased for the fourth consecutive survey to a new high.
- A slightly larger proportion of respondents cited either the risk of a UK economic downturn (30%, +4 percentage points) or the risk of a global/overseas economic downturn (30%, +5 percentage points) than in the previous survey.
- There was a decrease in the proportion of respondents that cited the risks surrounding monetary or fiscal policy (20%, -12 percentage points).

### Most challenging risks to manage as a firm

- UK political risk was cited as the most challenging risk to manage for the sixth consecutive survey. The proportion of respondents that cited this risk increased significantly (80%, +28 percentage points), and is now at its highest level since the survey began in 2008.
- The proportion of respondents that cited cyber attack increased for the second consecutive survey (55%, +4 percentage points) and it remained the second most cited risk in this category.
- There was a notable increase in the proportion of respondents (16%, +9 percentage points) that cited the risk of a global/overseas economic downturn among the most challenging risks to manage.

The Systemic Risk Survey is a biannual survey that asks market participants about perceived risks to, and their confidence in, the stability of the UK financial system. The survey is generally completed by executives responsible for firms' risk management or treasury functions. This report presents the results of the 2018 H2 survey, which was conducted by the Bank of England in the period between 17 September and 11 October 2018. The results presented are based on responses to the survey and do not necessarily reflect the Bank of England's views on risks to the UK financial system. Eighty nine market participants responded, representing a 90% response rate of those surveyed. Participants include UK banks and

building societies, large foreign banks, asset managers, hedge funds, insurers, pension funds, large non-financial companies and central counterparties. Summary statistics are calculated by giving equal weight to each survey response.

This report is available on the Bank's website at www.bankofengland.co.uk/systemic-risk-survey/2018/2018-h2. Additional background information on the survey is available in the 2009 Q3 *Quarterly Bulletin* article 'Bank of England Systemic Risk Survey'.

## Systemic Risk Survey

### Introduction

The Bank of England's financial stability objective is to protect and enhance the stability of the financial system of the United Kingdom. The *Systemic Risk Survey* contributes to this objective by quantifying and tracking, on a biannual basis, market participants' views of risks to, and their confidence in, the stability of the UK financial system.<sup>(1)</sup>

The survey is typically completed by executives responsible for risk management and treasury functions at institutions including: UK banks and building societies; large foreign banks; asset managers; hedge funds; insurers; pension funds; large non-financial companies; and central counterparties. Eighty nine participants took part in the 2018 H2 survey between 17 September and 11 October, representing a 90% response rate among those surveyed.

### Probability of a high-impact event

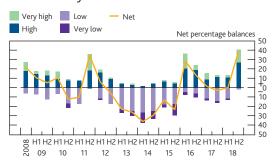
Respondents were asked for their view on the probability of a high-impact event in the UK financial system in the short and medium term.<sup>(2)</sup>

In the 2018 H2 survey, the perceived probability of a high-impact event in the UK financial system over the short term increased considerably. The percentage of respondents judging the probability to be high or very high increased from 24% to 67% since the 2018 H1 survey. And the percentage of respondents judging the probability to be low or very low has fallen (25% to 3%). The top panel of **Chart 1** depicts these responses and weights the probabilities into one measure.

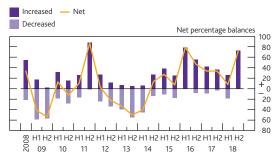
In contrast, the perception of such an event materialising in the medium term was broadly unchanged (the top panel of Chart 2). A slightly higher percentage of respondents judged the probability to be high or very high (60%, +2 percentage points since the 2018 H1 survey). But there was also a small increase in those judging the probability to be low or very low (9%, +3 percentage points). The top panel of Chart 2 depicts these responses and weights the probabilities into one measure.

Respondents were also asked how they perceived the risk of a high-impact event materialising had changed over the past six months. A large net balance of respondents (73%) thought the probability of a high-impact event in the short term had increased. And no respondent reported that they thought the probability of such an event materialising in the short term

### Chart 1 Probability of a high-impact event in the UK financial system over the short term<sup>(a)(b)</sup>



How respondents think this probability has changed over the past six months<sup>(a)</sup>(b)



Sources: Bank of England Systemic Risk Surveys and Bank calculations.

- (a) Respondents were asked the probability of a high-impact event in the UK financial system in the short term. And also how they thought this probability had changed over the past six months. From the 2009 H2 survey onwards, short term was defined as 0–12 months.
- (b) The net percentage balance in the upper chart is calculated by weighting responses as follows: very high (1), high (0.5), medium (0), low (-0.5) and very low (-1). The net percentage balance in the lower chart is calculated as the percentage of respondents that perceived an increase, less the percentage that perceived a decrease. Bars show the contribution of each component to the net percentage balance.

had fallen (bottom panel of **Chart 1**). A smaller, but still significant, net balance of respondents reported the probability of such an event occurring in the medium term had increased (38%), as shown in the bottom panel of **Chart 2**.

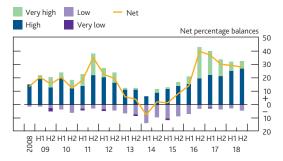
### Confidence in the UK financial system

Compared to the 2018 H1 survey, respondents were slightly less confident in the stability of the UK financial system over the next three years. Respondents were less likely to judge themselves as being completely confident or very confident (24%, -5 percentage points), and more likely to judge themselves fairly confident (70%, +4 percentage points), as

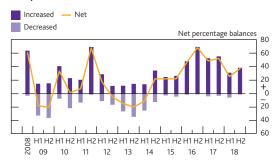
- (1) The Systemic Risk Survey has been undertaken biannually since 2009, following a pilot survey conducted in July 2008. It was published for the first time in November 2011. The survey results complement other sources of information used by the Bank to identify system-wide risks.
- (2) Since the 2009 H2 survey, short and medium term have been specifically identified as 0–12 months and 1–3 years respectively. These terms were not explicitly defined in earlier surveys.

can be seen in **Table A1**. **Chart 3** depicts these responses and weights the responses into one measure.

### Chart 2 Probability of a high-impact event in the UK financial system over the medium term<sup>(a)(b)</sup>

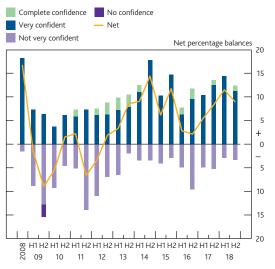


How respondents think this probability has changed over the past six months(a)(b)



Sources: Bank of England Systemic Risk Surveys and Bank calculations.

- (a) Respondents were asked the probability of a high-impact event in the UK financial system in the medium term. And also how they thought this probability had changed over the past six months. From the 2009 H2 survey onwards, medium term was defined as 1–3 years.
  (b) See footnote (b) of Chart 1.
- Chart 3 Confidence in the stability of the UK financial system as a whole over the next three years<sup>(a)</sup>



Sources: Bank of England Systemic Risk Surveys and Bank calculations.

(a) Respondents were asked how much confidence they had in the stability of the UK financial system as a whole over the next three years. The net percentage balance is calculated by weighting responses as follows: complete confidence (1), very confident (0.5), fairly confident (0), not very confident (-0.5) and no confidence (-1). Bars show the contribution of each component to the net percentage balance.

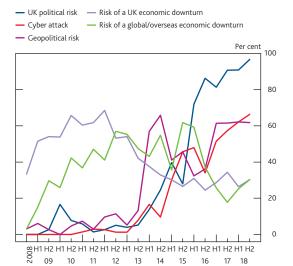
### Sources of risk to the UK financial system

Respondents were asked to list the five risks they thought would have the greatest impact on the UK financial system if they were to materialise. Answers were provided in free-text format, but have been grouped into the 22 categories shown in **Table A2** in the data appendix to give an overview of the results.(3)

The risks most frequently cited in the 2018 H2 survey were (Chart 4):

- UK political risk (cited by 97% of respondents).
- · Cyber attack (66%).
- · Geopolitical risk (62%).
- Risk of a UK economic downturn (30%).
- Risk of a global/overseas economic downturn (30%).
- Risks surrounding monetary or fiscal policy (20%).
- Risk of property price falls (19%).

#### Chart 4 Sources of risk to the UK financial system(a)(b)



Sources: Bank of England Systemic Risk Surveys and Bank calculations.

- (a) Respondents were asked to list the five risks they thought would have the greatest impact on the UK financial system if they were to materialise. Answers were in a free-text format and were grouped into categories after the questionnaires had been submitted; only one category was selected for each answer. Chart figures are the percentages of respondents citing a given risk at least once, among respondents citing at least one key risk. The chart shows the top five categories; see the data appendix for additional categories.
- (b) Risks cited in previous surveys have been regrouped into the categories used to describe the latest data.

Six of the top seven risks in the 2018 H2 survey also featured in the top seven risks in the 2018 H1 survey. The only change was that the risk of property price falls entered the top seven in 2018 H2, displacing the risks around regulation or taxation.

The risk to the UK financial system most cited by respondents was UK political risk (mentioned by 97% of respondents, +6 percentage points), a record high proportion for this risk.

<sup>(3)</sup> These summary categories are adjusted over time in order to better capture current risks cited; risks cited in previous surveys have been regrouped into the new categories to ensure comparability across survey rounds.

Around 80% of responses that cited UK political risk referred to the implications of Brexit.

The proportion of respondents citing cyber attack increased (66%, +4 percentage points) for the fourth consecutive survey, and has now overtaken geopolitical risk as the second most cited risk.

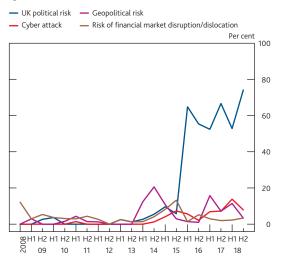
Perceptions of geopolitical risk were unchanged but remained elevated (62%). Within this, the proportion of responses that cited the risk of more protectionist economic policies and trade tensions increased (from 29% of responses in 2018 H1 to 42% of responses in 2018 H2). Ten per cent of responses highlighted the weaker performance of emerging markets.

There were increases in the proportion of respondents that cited either the risk of a UK economic downturn (30%, +4 percentage points) or the risk of a global/overseas economic downturn (30%, +5 percentage points). A smaller proportion of respondents cited the risks surrounding monetary or fiscal policy (20%, -12 percentage points).

The risks most frequently cited as respondents' number one risk (Chart 5) were:

- UK political risk (74% of respondents viewed it as their number one risk).
- · Cyber attack (8%).
- Geopolitical risk (3%).
- Risk of financial market disruption/dislocation (3%).

### Chart 5 'Number one' sources of risk to the UK financial system<sup>(a)(b)</sup>



Sources: Bank of England Systemic Risk Surveys and Bank calculations.

- (a) Respondents were asked to list the five risks they thought would have the greatest impact on the UK financial system if they were to materialise, in order of potential impact (ie greatest impact first). Answers were in a free-text format and were grouped into categories after the questionnaires had been submitted; only one category was selected for each answer. Chart figures are the percentages of respondents citing a given risk as their number one key risk, among respondents citing at least one key risk. The chart shows the top four categories; see the data appendix for additional categories.
- (b) Risks cited in previous surveys have been regrouped into the categories used to describe the latest data

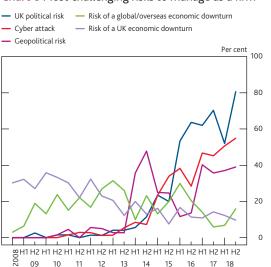
### Most challenging risks to manage as a firm

Respondents were asked to indicate which three of the five risks they identified would be the most challenging to manage if they were to materialise.

UK political risk, cyber attack, and geopolitical risk were the most cited responses (Chart 6):

- UK political risk (80% of respondents).
- Cyber attack (55%).
- Geopolitical risk (39%).
- Risk of a global/overseas economic downturn (16%).
- Risk of a UK economic downturn (10%).
- Risk of financial market disruption/dislocation (9%).
- Risks around regulation or taxation (7%).

#### Chart 6 Most challenging risks to manage as a firm(a)(b)



 ${\tt Sources: Bank\ of\ England\ } \textit{Systemic\ Risk\ Surveys\ and\ Bank\ calculations}.$ 

- (a) After respondents had listed the five risks they believed would have the greatest impact on the UK financial system if they were to materialise, they were asked which three of these risks they would find most challenging to manage as a firm. Answers were in a free-text format and were grouped into categories after the questionnaires had been submitted; only one category was selected for each answer. Chart figures are the percentages of respondents citing a legiven risk at least once, among respondents citing at least one key risk. The chart shows the top five categories only; see the data appendix for additional categories.
- (b) Risks cited in previous surveys have been regrouped into the categories used to describe the

UK political risk was cited as the most challenging risk to manage for the sixth consecutive survey. The proportion of respondents that cited this risk increased significantly (80%, +28 percentage points), and is now at its highest level since the survey began. The proportion of respondents that cited cyber attack among the most challenging risks to manage increased for the second consecutive survey (55%, +4 percentage points). There was also a notable increase in the proportion of respondents that cited the risk of a global/overseas economic downturn among the most challenging risks to manage (16%, +9 percentage points).

### Data appendix

The tables in this appendix, in Excel format, and the survey questionnaire are available on the Bank's website at www.bankofengland.co.uk/systemic-risk-survey/2018/2018-h2.

Table A1: Aggregate risks to the UK financial system(a)(b)(c)

|   | 2012 | 2013 |    | 2014 |    | 2015 |    | 2016 |    | 2017 |    | 2018 |    |
|---|------|------|----|------|----|------|----|------|----|------|----|------|----|
|   | H2   | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 |
| Probability of a high-impact event in the UK financial system in the short term <sup>(d)</sup>  |      |      |    |      |    |      |    |      |    |      |    |      |    |
| Very high   | 1    | 0    | 1  | 0    | 0  | 1    | 1  | 15   | 5  | 7    | 2  | 2    | 13 |
| High  | 19   | 8    | 5  | 3    | 8  | 14   | 9  | 41   | 37 | 17   | 23 | 22   | 54 |
| Medium  | 46   | 42   | 38 | 33   | 33 | 45   | 43 | 31   | 40 | 50   | 44 | 51   | 29 |
| Low   | 34   | 46   | 50 | 53   | 51 | 37   | 35 | 10   | 13 | 24   | 29 | 24   | 3  |
| Very low  | 0    | 4    | 5  | 11   | 8  | 3    | 12 | 3    | 4  | 2    | 2  | 1    | 0  |
| Probability of a high-impact event in the UK financial system in the medium term $^{(\mbox{\scriptsize d})}$                          |      |      |    |      |    |      |    |      |    |      |    |      |    |
| Very high   | 8    | 1    | 1  | 0    | 3  | 1    | 3  | 6    | 23 | 18   | 13 | 7    | 6  |
| High  | 33   | 22   | 22 | 13   | 18 | 23   | 28 | 31   | 39 | 45   | 43 | 51   | 54 |
| Medium  | 51   | 63   | 61 | 60   | 60 | 53   | 51 | 49   | 31 | 33   | 38 | 37   | 31 |
| Low   | 9    | 13   | 14 | 28   | 19 | 21   | 18 | 14   | 6  | 4    | 7  | 6    | 9  |
| Very low  | 0    | 0    | 1  | 0    | 0  | 1    | 0  | 0    | 0  | 1    | 0  | 0    | 0  |
| Change in the probability over the past six months of a high-impact event in the UK financial system in the short term <sup>(e)</sup> |      |      |    |      |    |      |    |      |    |      |    |      |    |
| Increased   | 11   | 7    | 5  | 6    | 27 | 38   | 25 | 79   | 55 | 43   | 36 | 26   | 73 |
| Unchanged   | 54   | 54   | 39 | 49   | 59 | 51   | 57 | 21   | 36 | 49   | 60 | 55   | 27 |
| Decreased   | 34   | 39   | 55 | 46   | 14 | 11   | 18 | 0    | 9  | 9    | 3  | 18   | 0  |
| Change in the probability over the past six months of a high-impact event in the UK financial system in the medium $term^{(e)}$       |      |      |    |      |    |      |    |      |    |      |    |      |    |
| Increased   | 11   | 12   | 14 | 14   | 34 | 25   | 26 | 48   | 69 | 52   | 55 | 31   | 38 |
| Unchanged   | 72   | 62   | 51 | 61   | 53 | 73   | 69 | 51   | 30 | 44   | 42 | 63   | 61 |
| Decreased   | 16   | 26   | 34 | 25   | 12 | 3    | 4  | 1    | 1  | 4    | 3  | 6    | 1  |
| Confidence in the stability of the UK financial system as a whole over the next three years $^{(\!f\!)}$                              |      |      |    |      |    |      |    |      |    |      |    |      |    |
| Complete confidence   | 3    | 3    | 3  | 1    | 0  | 0    | 0  | 1    | 2  | 0    | 1  | 0    | 1  |
| Very confident  | 13   | 14   | 16 | 22   | 36 | 21   | 29 | 13   | 19 | 21   | 25 | 29   | 22 |
| Fairly confident  | 71   | 70   | 78 | 69   | 58 | 71   | 65 | 76   | 60 | 69   | 64 | 66   | 70 |
| Not very confident  | 14   | 13   | 4  | 7    | 7  | 8    | 6  | 10   | 19 | 10   | 10 | 6    | 7  |
| No confidence   | 0    | 0    | 0  | 0    | 0  | 0    | 0  | 0    | 0  | 0    | 0  | 0    | 0  |
| Change in confidence over the past six months $\ensuremath{^{(g)}}$   |      |      |    |      |    |      |    |      |    |      |    |      |    |
| Increased   | 11   | 22   | 33 | 25   | 15 | 5    | 9  | 1    | 5  | 11   | 3  | 7    | 1  |
| Unchanged   | 81   | 67   | 62 | 68   | 75 | 77   | 79 | 51   | 46 | 61   | 69 | 78   | 58 |
| Decreased   | 8    | 11   | 5  | 7    | 10 | 18   | 12 | 48   | 49 | 28   | 28 | 15   | 40 |

Sources: Bank of England Systemic Risk Surveys and Bank calculations.

<sup>(</sup>a) Entries are percentages of respondents and may not sum to 100% due to rounding.
(b) The survey has been undertaken biannually since 2009, following a pilot survey conducted in July 2008. Due to insufficient space in this table, results prior to 2012 H2 have not been included.
(c) Figures are expressed as nearest whole integer, so may appear inconsistent with figures shown in the text of the survey.
(d) Respondents were asked what the probability of a high-impact event in the UK financial system was in their view, for both the short and medium term. Since the 2009 H2 survey, short and medium term have been specifically identified as 0–12 months and 1–3 years respectively. These terms were not explicitly defined in earlier surveys.
(e) Respondents were asked how the probability had changed over the past six months for the short and medium term. Since the 2009 H2 survey, short and medium term have been specifically identified as 0–12 months and 1–3 years respectively. These terms were not explicitly defined in earlier surveys.
(f) Respondents were asked how much confidence they had in the stability of the UK financial system as a whole over the next three years.
(g) Respondents were asked how their confidence had changed over the past six months. The question was asked from 2010 H1 onwards.

Table A2: Sources of risk to the UK financial system(a)(b)(c)

| Sources of risk to the UK financial systemic   |   | 2012 | 2013 |    | 20 | 14 | 20 | )15 | 20 | )16 | 20  | )17 | 20 | 018 |
|--|---|------|------|----|----|----|----|-----|----|-----|-----|-----|----|-----|
| UK political risk  |   | H2   | H1   | H2 | H1 | H2 | H1 | H2  | H1 | H2  | H1  | H2  | H1 | H2  |
| UK political risk  | Sources of risk to the UK financial system(d)                       |      |      |    |    |    |    |     |    |     |     |     |    |     |
| Cyber attack Cyber attack Cyber attack Cyber attack Cyber attack Cacopolitical risk Cacop |   | 5    | 4    | 5  | 14 | 25 | 40 | 28  | 72 | 86  | 81  | 91  | 91 | 97  |
| Misk of all Ke conomic downturn  | •   |      |      |    |    |    |    |     |    |     |     |     |    | 66  |
| Risk of a UK economic downturm  S3   | -   | 11   |      |    |    |    |    |     |    |     |     |     |    | 62  |
| Risk of a global/overseae economic downtum  77   | ·   |      |      |    |    |    |    |     |    |     |     |     |    | 30  |
| Risks surrounding monetary or fiscal policy  Risk or poperty price falls  14   |   |      |      |    |    |    |    |     |    |     |     |     |    | 30  |
| Risk of property price falls  14   25   36   40   36   23   26   25   29   22   23   20   18   18   18   24   24   37   30   16   18   16   18   18   18   25   27   19   28   28   29   29   29   29   29   2   |   |      |      |    |    |    |    |     |    |     |     |     |    | 20  |
| Risks of financial market disruption/dislocation   |   |      |      |    |    |    |    |     |    |     |     |     |    | 19  |
| Risks around regulation or taxation  |   |      |      |    |    |    |    |     |    |     |     |     |    | 18  |
| Sovereign risk   94  |   |      |      |    |    |    |    |     |    |     |     |     |    | 16  |
| Household/corporate credit risk Household/corporate credit risk Risk of infancial institution failure/distress 25 26 30 22 16 14 12 7 8 12 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |   |      |      |    |    |    |    |     |    |     |     |     |    | 15  |
| Risk of financial institution failure/distress   |   |      |      |    |    |    |    |     |    |     |     |     |    | 10  |
| Other  | ·   |      |      |    |    |    |    |     |    |     |     |     |    | 10  |
| Risk of infrastructure disruption  9 11 11 13 15 15 16 10 10 2 2 5 5 5 Inflation risk  Operational risk  Risk of loss of confidence in the authorities  11 11 19 4 23 21 24 18 16 12 10 8 Risk of loss of confidence in the authorities  11 11 19 4 3 3 0 0 0 0 1 1 0 0 3 Risk of loss of confidence in the authorities  11 11 19 4 8 8 4 8 4 6 6 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2  | Other   |      |      | 13 |    |    |    |     |    |     |     |     |    | 9   |
| Inflation risk Operational risk Operatio |   |      |      |    |    |    |    |     |    |     |     |     |    | 7   |
| Operational risk  Operational  | ·   |      |      |    |    |    |    |     |    |     |     |     |    | 6   |
| Risk of loss of confidence in the authorities  |   |      |      |    |    |    |    |     |    |     |     |     |    | 3   |
| Risk of tightening in credit conditions  | ·   |      |      |    |    |    |    |     |    |     |     |     |    | 3   |
| Funding risk  Fu |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Risk surrounding the low interest rate environment(e)  9   |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Risk of lack of confidence in ratings, valuations and disclosure  1 0 0 0 0 1 1 1 3 4 0 0 1 1 1 1 Risks around public anger against, or distrust of, financial institutions  10 1 1 1 4 3 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Number one source of risk to the UK financial system(f)   Support of the UK financial system(f)  |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Number one source of risk to the UK financial system <sup>(f)</sup> UK political risk  0 3 1 3 5 10 6 65 55 52 67 53 7  Cyber attack  0 0 0 0 1 1 4 7 6 2 7 7 14  Geopolitical risk  10 0 0 0 1 3 21 11 3 1 1 16 7 11  Risk of financial market disruption/dislocation  3 3 8 7 4 4 8 13 1 5 3 2 2  Risks around regulation or taxation  5 14 14 14 5 10 4 3 1 1 1 2 5  Risk of a UK economic downturn  5 14 14 14 5 10 4 3 4 2 3 2  Risk of financial institution failure/distress  3 4 3 1 3 5 3 0 7 1 0 1  Operational risk  10 0 1 0 0 5 4 3 3 2 3 0 1  Risks of financial market disruption/organic downturn  9 17 11 8 16 12 38 8 7 2 1 5  Risk of financial institution failure/distress  3 4 3 1 3 5 3 0 7 1 0 1  Operational risk  10 0 1 0 0 5 4 3 3 2 2 3 0 1  Risks surrounding monetary or fiscal policy  11 1 0 7 0 0 3 3 0 3 1 2 0  Risks of property price falls  11 3 7 8 3 4 0 1 1 2 2 6 1 0  Risk of tightening in credit conditions  10 0 0 0 1 1 0 0 1 1 0 0 0 1 2 0  Risk surrounding the low interest rate environment(e)  11 9 9 11 8 4 4 6 5 0 0 1 1 1  Funding risk  10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |   | 10   |      | 1  |    | 3  | 0  |     | 0  | 1   |     | 0   | 0  | 0   |
| UK political risk  0 3 1 3 5 10 6 65 55 52 67 53 7  Cyber attack  0 0 0 0 0 1 4 7 6 2 7 7 14  Geopolitical risk  0 0 0 0 13 21 11 3 1 1 16 7 11  Risk of financial market disruption/dislocation  1 3 1 1 4 8 13 1 5 3 2 2  Risks around regulation or taxation  3 3 8 7 4 4 3 1 1 1 2 5  Risk of a global/overseas economic downturn  5 14 14 14 15 10 4 3 4 2 3 2  Risk of a global/overseas economic downturn  9 17 11 8 16 12 38 8 7 2 1 1 5  Risk of financial institution failure/distress  3 4 3 1 3 5 0 0 7 1 0 0 1  Risk of financial market disruption or taxation  9 17 11 1 8 16 12 38 8 7 2 1 1 5  Risk of global/overseas economic downturn  9 17 11 8 16 12 38 8 7 2 1 1 5  Risk of machina institution failure/distress  3 4 3 1 3 5 0 0 7 1 1 0 1  Operational risk  0 1 0 0 5 4 3 3 2 2 3 0 1  Risks surrounding monetary or fiscal policy  1 1 0 0 7 0 0 3 0 3 1 2 0  Household/corporate credit risk  0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0  | Number one source of risk to the UK financial system <sup>(f)</sup> |      |      |    |    |    |    |     |    |     |     |     |    |     |
| Cyber attack  O O O O O O O O O O O O O O O O O O O  |   | 0    | 3    | 1  | 3  | 5  | 10 | 6   | 65 | 55  | 52  | 67  | 53 | 74  |
| Geopolitical risk         0         0         0         13         21         11         3         1         1         16         7         11           Risk of financial market disruption/dislocation         0         3         1         1         4         8         13         1         5         3         2         2           Risk of a UK economic downturn         5         14         14         14         5         10         4         3         4         2         3         2           Risk of a global/overseas economic downturn         9         17         11         8         16         12         38         8         7         2         1         5           Risk of a global/overseas economic downturn         9         17         11         8         16         12         38         8         7         2         1         5           Risk of financial institution failure/distress         3         4         3         1         3         5         3         0         7         1         0         1           Operational risk         0         0         1         0         0         5         4         3         3   | ·   |      |      | 0  |    |    |    |     |    |     |     |     |    | 8   |
| Risk of financial market disruption/dislocation  0 3 1 1 4 8 13 1 5 3 2 2  Risks around regulation or taxation  3 3 8 7 4 4 4 3 1 1 1 2 5  Risk of a UK economic downturn  5 14 14 14 5 10 4 3 4 2 3 2  Risk of a global/overseas economic downturn  9 17 11 8 16 12 38 8 7 2 1 5  Risk of financial institution failure/distress  3 4 3 1 3 5 3 0 7 1 0 1  Operational risk  0 1 0 0 5 4 3 3 2 3 0 1  Risks surrounding monetary or fiscal policy  1 1 0 0 7 0 0 3 0 3 1 2 0  Household/corporate credit risk  0 0 0 0 1 0 0 1 0 0 0 1 0 0 0 2 2  Sovereign risk  68 38 39 19 11 16 3 1 2 6 1 0  Risk of rightening in credit conditions  1 3 7 8 3 4 4 6 5 0 1 1 1  Funding risk  1 9 9 11 8 4 4 6 5 0 1 1 1  Funding risk  0 0 0 0 1 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | -   | 0    | 0    | 0  | 13 | 21 | 11 | 3   | 1  |     | 16  | 7   | 11 | 3   |
| Risks around regulation or taxation  3 3 8 7 4 4 3 1 1 1 2 5  Risk of a UK economic downturn  5 14 14 14 15 10 4 3 4 2 3 2  Risk of a global/overseas economic downturn  9 17 11 8 16 12 38 8 7 2 1 5  Risk of financial institution failure/distress  3 4 3 1 3 5 3 0 7 1 0 1  Operational risk  0 1 0 0 5 4 3 3 2 3 0 1  Risks surrounding monetary or fiscal policy  1 1 1 0 7 0 0 3 0 3 1 2 0  Household/corporate credit risk  0 0 0 0 1 0 0 1 0 0 1 0 0 0 2 2  Sovereign risk  68 38 39 19 11 16 3 1 2 6 1 0  Risk of tightening in credit conditions  Risk of tightening in credit conditions  1 3 7 8 3 4 4 6 5 0 1 1  Risk surrounding the low interest rate environment(e)  1 9 9 9 11 8 4 4 6 5 0 1 1  Funding risk  0 0 0 0 1 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | ·   | 0    | 3    | 1  | 1  | 4  | 8  | 13  | 1  | 5   | 3   | 2   | 2  | 3   |
| Risk of a UK economic downturn    5  |   | 3    | 3    | 8  | 7  | 4  |    | 3   | 1  | 1   | 1   | 2   |    | 3   |
| Risk of a global/overseas economic downturn  9 17 11 8 16 12 38 8 7 2 1 5  Risk of financial institution failure/distress  3 4 3 1 3 5 3 0 7 1 0 1  Operational risk  0 1 0 0 5 4 3 3 2 3 0 1  Risks surrounding monetary or fiscal policy  1 1 0 0 7 0 0 3 0 3 1 2 0  Household/corporate credit risk  0 0 0 0 1 0 0 1 0 0 0 0 0 2 2  Sovereign risk  68 38 39 19 11 16 3 1 2 6 1 0  Risk of property price falls  Risk of tightening in credit conditions  0 0 0 0 0 1 0 1 0 0 1 0 0 1 2 0  Risk surrounding the low interest rate environment(e)  1 9 9 11 8 4 4 6 5 0 1 1  Funding risk  1 1 3 1 1 0 1 1 0 0 0 0 0 0 0  Risk of infrastructure disruption  1 3 1 1 0 1 0 1 1 0 0 0 0  Risks of infrastructure disruption  Risk of confidence in ratings, valuations and disclosure  0 0 0 1 1 4 4 4 4 0 1 0 1 0 0 0  Other   |   | 5    | 14   | 14 | 14 | 5  | 10 | 4   | 3  | 4   | 2   | 3   |    | 2   |
| Risk of financial institution failure/distress 3 4 3 1 3 5 3 0 7 1 0 1 Operational risk 0 1 0 0 5 4 3 3 2 3 0 1 Risks surrounding monetary or fiscal policy 1 1 0 0 7 0 0 3 0 3 1 2 0 Household/corporate credit risk 0 0 0 1 0 0 1 0 0 1 0 0 0 2 2 Sovereign risk 68 38 39 19 11 16 3 1 2 6 1 0 Risk of property price falls 1 3 7 8 3 4 0 1 1 2 1 1 Risk of tightening in credit conditions 0 0 0 0 0 1 0 1 0 0 1 2 0 Risk surrounding the low interest rate environment(e) 1 9 9 11 8 4 4 6 5 0 1 1 Funding risk 4 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |   | 9    | 17   | 11 | 8  | 16 | 12 | 38  | 8  | 7   |     | 1   | 5  | 2   |
| Operational risk  0 1 0 0 5 4 3 3 2 3 0 1  Risks surrounding monetary or fiscal policy  1 1 0 7 0 0 3 0 3 1 2 0  Household/corporate credit risk  0 0 0 1 0 0 1 0 0 1 0 0 0 2 2  Sovereign risk  68 38 39 19 11 16 3 1 2 6 1 0  Risk of property price falls  1 3 7 8 3 4 0 1 1 2 1 1  Risk of tightening in credit conditions  0 0 0 0 1 0 1 0 1 0 0 1 2 0  Risk surrounding the low interest rate environment(e)  1 9 9 11 8 4 4 6 5 0 1 1  Funding risk  4 0 1 1 0 0 1 1 0 0 0 0 0  Inflation risk  0 0 0 0 1 7 0 0 0 0 0 0 0  Risk of infrastructure disruption  1 3 1 1 0 1 0 1 1 0 0 0 0  Risks around public anger against, or distrust of, financial institutions  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  Risk of lack of confidence in ratings, valuations and disclosure  0 0 0 1 1 4 4 4 4 0 1 0 1 1  Other   | -   | 3    | 4    | 3  | 1  | 3  | 5  | 3   | 0  | 7   | 1   | 0   | 1  | 1   |
| Risks surrounding monetary or fiscal policy  1 1 0 7 0 0 3 0 3 1 2 0  Household/corporate credit risk  0 0 0 1 0 0 1 0 0 0 2 2  Sovereign risk  68 38 39 19 11 16 3 1 2 6 1 0  Risk of property price falls  1 3 7 8 3 4 0 1 1 2 1 1  Risk of tightening in credit conditions  0 0 0 0 1 0 1 0 0 1 1 2 0  Risk surrounding the low interest rate environment(e)  1 9 9 11 8 4 4 6 5 0 1 1  Funding risk  4 0 1 1 0 0 1 1 0 0 0 0 0  Inflation risk  0 0 0 0 1 7 0 0 0 0 0 0 0  Risk of infrastructure disruption  1 3 1 1 0 1 0 1 1 0 0 0 0  Risks around public anger against, or distrust of, financial institutions  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  Risk of lock of confidence in ratings, valuations and disclosure  0 0 0 1 1 4 4 4 4 0 1 0 1 1  Other  |   | 0    | 1    | 0  | 0  | 5  | 4  | 3   | 3  | 2   | 3   | 0   | 1  | 1   |
| Household/corporate credit risk 0 0 0 0 1 0 0 1 0 0 0 2 2 Sovereign risk 68 38 39 19 11 16 3 1 2 6 1 0 Risk of property price falls 1 3 7 8 3 4 0 1 1 2 1 1 Risk of tightening in credit conditions 0 0 0 0 1 0 1 0 1 0 0 1 2 0 Risk surrounding the low interest rate environment(e) 1 9 9 11 8 4 4 6 5 0 1 1 Funding risk 4 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0  | ·   | 1    | 1    | 0  | 7  | 0  | 0  | 3   | 0  | 3   |     | 2   | 0  | 1   |
| Sovereign risk  68 38 39 19 11 16 3 1 2 6 1 0  Risk of property price falls  1 3 7 8 3 4 0 1 1 2 1 1  Risk of tightening in credit conditions  0 0 0 0 0 1 0 1 0 1 0 0 1 2 0  Risk surrounding the low interest rate environment(e)  1 9 9 11 8 4 4 6 5 0 1 1  Funding risk  4 0 1 1 0 0 1 1 0 0 0 0 0  Inflation risk  0 0 0 0 1 7 0 0 0 0 0 0 0  Risk of infrastructure disruption  1 3 1 1 0 1 0 1 1 0 0 0  Risk of onfidence in ratings, valuations and disclosure  0 0 0 0 1 1 4 4 4 0 0 1 0 0  Risk of loss of confidence in the authorities  0 0 0 1 1 1 4 4 4 0 1 0 1 1  1 1 1 1 1 1 1 1 1 1 1 1 1 1   |   | 0    | 0    | 0  | 1  | 0  | 0  | 1   | 0  | 0   | 0   | 2   | 2  | 0   |
| Risk of property price falls  1 3 7 8 3 4 0 1 1 2 1 1  Risk of tightening in credit conditions  0 0 0 0 1 0 1 0 1 0 0 1 2 0  Risk surrounding the low interest rate environment(e)  1 9 9 11 8 4 4 6 5 0 1 1  Funding risk  4 0 1 1 0 0 1 1 0 0 0 0 0  Inflation risk  0 0 0 0 1 7 0 0 0 0 0 3 0 0  Risk of infrastructure disruption  1 3 1 1 0 1 0 1 1 0 0 0 0  Risks around public anger against, or distrust of, financial institutions  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  Risk of lack of confidence in ratings, valuations and disclosure  0 0 0 1 1 4 4 4 4 0 1 0 1 1  Other   |   | 68   | 38   | 39 | 19 | 11 |    | 3   | 1  | 2   |     | 1   | 0  | 0   |
| Risk of tightening in credit conditions  0 0 0 0 1 0 1 0 1 0 0 1 2 0  Risk surrounding the low interest rate environment(e)  1 9 9 11 8 4 4 6 5 0 1 1  Funding risk  4 0 1 1 0 0 1 1 0 0 0 0 0  Inflation risk  0 0 0 0 1 7 0 0 0 0 3 0 0  Risk of infrastructure disruption  1 3 1 1 0 1 0 1 1 0 0 0 0  Risks around public anger against, or distrust of, financial institutions  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  Risk of lack of confidence in ratings, valuations and disclosure  0 0 0 1 1 4 4 4 0 1 0 1 0 1  Other  |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Risk surrounding the low interest rate environment <sup>(e)</sup> 1 9 9 11 8 4 4 6 5 0 1 1  Funding risk  4 0 1 1 0 1 1 0 0 0 0 0  Inflation risk  0 0 0 1 7 0 0 0 0 3 0 0  Risk of infrastructure disruption  1 3 1 1 0 1 0 1 1 0 0 0 0  Risks around public anger against, or distrust of, financial institutions  0 0 0 0 0 0 0 0 0 0 0 0 0 0  Risk of lack of confidence in ratings, valuations and disclosure  0 0 0 0 0 0 0 0 0 0 0 0 0 0  Other  0 0 1 1 4 4 4 4 0 1 0 1 1  |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Funding risk   |   | 1    | 9    | 9  |    | 8  |    | 4   | 6  | 5   | 0   | 1   | 1  | 0   |
| Inflation risk       0       0       0       1       7       0       0       0       3       0       0         Risk of infrastructure disruption       1       3       1       1       0       1       0       1       1       0   |   | 4    | 0    | 1  |    | 0  | 1  | 1   | 0  | 0   | 0   | 0   | 0  | 0   |
| Risk of infrastructure disruption       1       3       1       1       0       1       0       1       1       0  |   | 0    | 0    | 0  | 1  | 7  | 0  | 0   | 0  | 0   | 3   | 0   | 0  | 0   |
| Risks around public anger against, or distrust of, financial institutions       0 <td></td> <td>0</td>   |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Risk of lack of confidence in ratings, valuations and disclosure       0       <   | ·   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Risk of loss of confidence in the authorities 4 1 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Other 0 0 1 1 4 4 4 0 1 0 1 1  |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
| Number of respondents citing at least one source of risk 79 76 76 72 73 73 68 71 94 101 96 87 8  |   |      |      |    |    |    |    |     |    |     |     |     |    | 0   |
|  | Number of respondents citing at least one source of risk            | 79   | 76   | 76 | 72 | 73 | 73 | 68  | 71 | 94  | 101 | 96  | 87 | 89  |

Sources: Bank of England  $\it Systemic Risk Surveys and Bank calculations.$ 

<sup>(</sup>a) Respondents were asked which five risks they believed would have the greatest impact on the UK financial system if they were to materialise, in order of potential impact (ie greatest impact first). Answers were provided in a free-text format and were subsequently grouped into the above categories; only one category was selected for each answer. Risks cited in previous surveys have been regrouped into the categories used to describe the latest data.
(b) The survey has been undertaken biannually since 2009, following a pilot survey conducted in July 2008. Due to insufficient space in this table, results prior to 2012 H2 have not been included.
(c) Figures are expressed as nearest whole integer, so may appear inconsistent with figures shown in the text of the survey.
(d) Percentages of respondents citing each risk at least once in their top five, among those citing at least one risk.
(e) The definition of this risk includes risks associated with a snapback in low rates to more normal levels, as well as risks directly associated with low rates.
(f) Percentages of respondents citing each risk as their number one risk (ie the risk with the greatest potential impact), among those citing at least one source of risk.

Table A3: Most challenging risks to manage as a firm(a)(b)(c)

|   | 2012 | 2013 |    | 2014 |    | 2015 |    | 2016 |    | 2017 |    | 2018 |    |
|---|------|------|----|------|----|------|----|------|----|------|----|------|----|
|   | H2   | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 |
| UK political risk   | 1    | 4    | 4  | 6    | 12 | 24   | 20 | 53   | 64 | 62   | 70 | 52   | 80 |
| Cyber attack  | 1    | 1    | 5  | 9    | 7  | 24   | 34 | 38   | 28 | 47   | 45 | 51   | 55 |
| Geopolitical risk   | 5    | 3    | 3  | 36   | 48 | 25   | 25 | 12   | 14 | 40   | 36 | 37   | 39 |
| Risk of a global/overseas economic downturn                                     | 27   | 32   | 26 | 10   | 23 | 13   | 20 | 30   | 20 | 14   | 6  | 7    | 16 |
| Risk of a UK economic downturn  | 23   | 21   | 12 | 20   | 13 | 16   | 8  | 17   | 11 | 11   | 14 | 12   | 10 |
| Risk of financial market disruption/dislocation                                 | 15   | 15   | 14 | 14   | 13 | 29   | 34 | 28   | 18 | 8    | 10 | 12   | 9  |
| Risks around regulation or taxation   | 24   | 34   | 29 | 26   | 26 | 24   | 12 | 23   | 20 | 15   | 15 | 15   | 7  |
| Risk of property price falls  | 3    | 10   | 14 | 11   | 7  | 6    | 12 | 7    | 7  | 4    | 12 | 5    | 7  |
| Risks surrounding monetary or fiscal policy                                     | 4    | 3    | 5  | 9    | 6  | 7    | 8  | 7    | 9  | 7    | 11 | 15   | 6  |
| Sovereign risk  | 78   | 63   | 56 | 33   | 26 | 32   | 18 | 13   | 5  | 11   | 5  | 3    | 5  |
| Risk of infrastructure disruption   | 6    | 8    | 10 | 10   | 12 | 9    | 12 | 8    | 2  | 0    | 4  | 4    | 5  |
| Risk of financial institution failure/distress                                  | 17   | 14   | 14 | 13   | 9  | 7    | 6  | 0    | 19 | 4    | 7  | 4    | 4  |
| Household/corporate credit risk   | 6    | 8    | 3  | 7    | 6  | 6    | 6  | 2    | 0  | 1    | 2  | 5    | 4  |
| Other   | 1    | 3    | 5  | 7    | 12 | 7    | 11 | 0    | 2  | 4    | 5  | 3    | 4  |
| Risk of tightening in credit conditions   | 1    | 5    | 4  | 1    | 1  | 0    | 5  | 0    | 0  | 1    | 0  | 1    | 2  |
| Operational risk  | 6    | 12   | 11 | 10   | 13 | 12   | 12 | 13   | 8  | 10   | 4  | 8    | 1  |
| Inflation risk  | 3    | 5    | 1  | 3    | 7  | 4    | 0  | 0    | 5  | 3    | 0  | 5    | 1  |
| Funding risk  | 18   | 7    | 7  | 11   | 3  | 6    | 5  | 2    | 1  | 1    | 0  | 0    | 0  |
| Risk surrounding the low interest rate environment(d)                           | 6    | 21   | 23 | 23   | 17 | 16   | 9  | 15   | 22 | 4    | 2  | 0    | 0  |
| Risks around public anger against, or distrust of, financial institutions       | 3    | 0    | 1  | 0    | 0  | 0    | 0  | 0    | 0  | 0    | 0  | 0    | 0  |
| Risk of lack of confidence in ratings, valuations and disclosure                | 0    | 0    | 0  | 0    | 1  | 0    | 0  | 3    | 0  | 1    | 1  | 1    | 0  |
| Risk of loss of confidence in the authorities                                   | 8    | 4    | 7  | 4    | 1  | 0    | 0  | 0    | 1  | 1    | 0  | 0    | 0  |
| Cited at least one key risk, but did not cite any risk as challenging to manage | 1    | 4    | 4  | 3    | 5  | 7    | 4  | 15   | 6  | 9    | 13 | 16   | 8  |
| Number of respondents citing at least one source of risk                        | 79   | 76   | 76 | 72   | 73 | 73   | 68 | 71   | 94 | 101  | 96 | 87   | 89 |

Sources: Bank of England Systemic Risk Surveys and Bank calculations.

<sup>(</sup>a) After respondents had listed the five risks they believed would have the greatest impact on the UK financial system if they were to materialise, they were asked which three of these risks they would find most challenging to manage as a firm. Answers were provided in a free-text format and were subsequently grouped into the above categories; only one category was selected for each answer. Risks cited in previous surveys have been regrouped into the categories used to describe the latest data. Table entries are the percentages of respondents citing each risk at least once in this second question, among those citing at least one source of risk.
(b) The survey has been undertaken biannually since 2009, following a pilot survey conducted in July 2008. Due to insufficient space in this table, results prior to 2012 H2 have not been included.
(c) Figures are expressed as nearest whole integer, so may appear inconsistent with figures shown in the text of the survey.
(d) The definition of this risk includes risks associated with a snapback in low rates to more normal levels, as well as risks directly associated with low rates.