

Report

# EXPECTATIONS SURVEY FOR NORGES BANK Q1 2022

The survey questions economists, social partners, business leaders  
and households



17 February 2022



## Preface

On commission by Norges Bank, Ipsos carries out quarterly surveys in Norway of expectations for inflation, wage growth, the krone exchange rate and interest rates among economists in the financial industry and academia, the social partners, business leaders and households. Norges Bank orients monetary policy towards keeping inflation low and stable. Inflation expectations can influence actual inflation. A survey conducted at regular intervals can provide greater insight into these questions.

The survey questions four target groups. Online surveys are used for economists in the financial industry and academia, as well as for representatives of main employer and employee organisations and business leaders. Telephone interviews are used for a random selection of individuals in Norwegian households.

The expectations survey is conducted every quarter and was conducted for the first time in February 2002. Ipsos has conducted the survey from Q3 2020. The report is written by Britt Kristine Ludvigsen, Eirik Øye and Sara Gåsbakk. The survey was previously carried out by Epinion, Opinion and TNS Gallup.

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# Summary

## Brief, overall summary

### Short-term price inflation

The economists expect goods and services inflation 12 months ahead to be 3.2 per cent, up 0.3 percentage points from the previous quarter. The social partners expect goods and services inflation to be 3.5 per cent 12 months ahead, up 0.4 percentage points from the previous quarter. Business leaders expect goods and services inflation to be 4.7 per cent 12 months ahead, up 0.8 percentage points from the previous quarter. Households expect goods and services inflation to be 3.2 per cent 12 months ahead, up 0.2 percentage points compared to the previous quarter.

### Expected annual wage growth

The economists expect annual wage growth of 3.9 per cent in 2022, up 0.7 percentage points from the previous quarter. Expected annual wage growth among the social partners is 4.0 per cent, up 0.9 percentage points from the previous quarter. Business leaders expect annual wage growth in their own company of 3.9 per cent this year, up 0.6 percentage points from the previous quarter. Households expect annual wage and pension income growth of 2.5 per cent the next 12 months, up 0.2 percentage points from the previous quarter.

### Expected profitability

30.7 per cent of business leaders expect profitability of their own company to improve over the next 12 months, down 6.7 percentage points from the previous quarter. 39.5 per cent of business leaders expect profitability to remain unchanged over the next 12 months, up 2.4 percentage points from the previous quarter. 26.3 per cent expect profitability to weaken, up 4.5 percentage points from the previous quarter.

## Brief summary of individual results for economists

### Inflation

Economists expect goods and services inflation to be 3.2 per cent in 12 months, up 0.3 percentage points from the previous quarter. Expected annual inflation in 2 years is 2.7 per cent, up 0.2 percentage points from the previous quarter. Economists' expectation of annual inflation 5 years ahead is 2.3 per cent, up 0.1 percentage point from the previous quarter.

### Expected annual wage growth

Economists expect annual wage growth to be 3.9 per cent in 2022, up 0.7 percentage points from the previous quarter. Annual wage growth is expected to be 3.4 per cent for next year, the same percentage as the previous quarter. The economists expect annual wage growth in 5 years to be 3.0 per cent, the same percentage as the previous quarter.

### The krone exchange rate

31.1 per cent of the economists expect the effective krone exchange rate (measured by the trade-weighted krone exchange rate) to be stronger in 12 months, down 2.2 percentage points from the previous quarter. 46.7 per cent expect the effective krone exchange rate to be unchanged in 12 months, up 4.5 percentage points from the previous quarter. 20.0 per cent of the economists expect the effective krone exchange rate to be weaker in 12 months, down 2.2 percentage points from the previous quarter. Average expected appreciation of the krone exchange rate in 12 months is 1.7 per cent, up 1.3 percentage points from the previous quarter.

## **Brief summary of individual results for social partners**

### Inflation

The social partners expect goods and services inflation to be 3.5 per cent in 12 months, up 0.4 percentage points from the previous quarter. Employer organisations expect inflation in 12 months to be 3.3 per cent, up 0.3 percentage points from the previous quarter. Employee organisations expect inflation to be 3.6 per cent in 12 months, up 0.5 percentage points from the previous quarter.

Expected annual inflation in 2 years among the social partners is 3.1 per cent, up 0.4 percentage points from the previous quarter. Employer organisations expect annual inflation to be 3.1 per cent in 2 years, up 0.3 percentage points from the previous quarter. Employee organisations expect annual inflation in 2 years to be 3.2 per cent, up 0.4 percentage points from the previous quarter.

The social partners expect annual inflation of 2.8 per cent in 5 years, up 0.3 percentage points from the previous quarter. Employer organisations expect annual inflation to be 2.8 per cent in 5 years, up 0.3 percentage points. Employee organisations expect annual inflation in 5 years to be 2.9 per cent, up 0.3 percentage points from the previous quarter.

### Expected annual wage growth

The social partners expect annual wage growth for 2022 to be 4.0 per cent, up 0.9 percentage points from the previous quarter. Employer organisations expect annual wage growth to be 3.9 per cent for 2022, up 0.9 percentage points from the previous quarter, while employee organisations expect annual wage growth of 4.2 per cent, up 1.0 percentage point from the previous quarter.

The social partners expect annual wage growth of 3.5 per cent next year, up 0.1 percentage point from the previous quarter. Employer organisations expect annual wage growth of 3.4 per cent next year, up 0.1 percentage point from the previous quarter. Employee organisations expect annual wage growth of 3.6 per cent next year, up 0.1 percentage point from the previous quarter.

The social partners expect annual wage growth of 3.3 per cent in 5 years, the same percentage as the previous quarter. Employer organisations expect annual wage growth of 3.2 per cent in 5 years, down 0.2 percentage points from the previous quarter. The employee organisations expect annual wage growth of 3.6 per cent in 5 years, up 0.4 percentage points from the previous quarter.

## **Brief summary of individual results for business leaders**

### Inflation

Business leaders estimate the goods and services inflation has been 4.7 per cent over the last 12 months, up 0.8 percentage points from the previous quarter. Business leaders expect goods and services inflation to be 4.7 per cent in 12 months, up 0.8 percentage points from the previous quarter. Expected annual inflation in 2 years is 4.5 per cent, up 0.3 percentage points from the previous quarter.

### Purchase and selling prices

47.3 per cent of business leaders expect the company's purchase prices to increase more over the next 12 months compared to the previous 12 months, up 2.9 percentage points from the previous quarter. 35.5 per cent expect purchase prices in 12 months to increase about the same, down 4.0 percentage points from the previous quarter. The share of business leaders that expect the purchase prices to increase less in the next 12 months is 16.0 per cent, up 1.3 percentage points from the previous quarter.

34.3 per cent of business leaders expect the company's selling prices to increase more in the next 12 months compared to the previous 12 months, up 4.3 percentage points from the previous quarter. 43.8 per cent expect the company's selling prices to increase about the same over the next 12 months as the previous 12 months, down 6.1 percentage points. 19.4 per cent of business leaders expect the company's selling prices to increase less the next 12 months, up 3.1 percentage points from the previous quarter.

#### Expected annual wage growth

Business leaders expect annual wage growth of 3.9 per cent in their own company this year, up 0.6 percentage points from the previous quarter. Their expectation of their company's annual wage growth next year is 3.7 per cent, up 0.4 percentage points from the previous quarter.

#### Expected profitability

34.8 per cent of business leaders report that profitability in their own company has improved during the past 12 months, down 4.7 percentage points compared to the previous quarter. 26.6 per cent report that profitability in their own company has remained unchanged the past 12 months, down 4.5 percentage points from the previous quarter. 35.2 per cent of business leaders report that profitability has weakened during the past 12 months, up 9.1 percentage points from the previous quarter.

30.7 per cent of business leaders expect improved profitability of their own company in the next 12 months, down 6.7 percentage points from the previous quarter. 39.5 per cent expect profitability to remain unchanged in the next 12 months, up 2.4 percentage points from the previous quarter, and 26.3 per cent of business leaders expect profitability to weaken, up 4.5 percentage points from the previous quarter.

#### Employment

36.2 per cent of business leaders report that their company has more employees compared to 12 months ago, down 2.3 percentage points from the previous quarter. 39.6 per cent have the same number of employees today as 12 months ago, down 5.1 percentage points from the previous quarter. 23.2 per cent have fewer employees compared to 12 months ago, up 7.2 percentage points from the previous quarter.

37.9 per cent of business leaders expect to have more employees in 12 months than they do today, down 2.3 percentage points from the previous quarter. 43.7 per cent expect to have the same number of employees as today, down 3.6 percentage points. 17.2 per cent of business leaders expect to have fewer employees in 12 months, up 6.0 percentage points from the previous quarter.

#### Costs

82.4 per cent of business leaders report that they experience, or have recently experienced, a sharper increase in cost growth than usual. The factor that has contributed most to the unexpected rise in costs is input goods, followed by energy.

24.7 per cent of business leaders intend to increase prices by 2.1–3 per cent in the next 6 months, and 26.0 per cent of business leaders intend to increase prices by 3.1–5 per cent in the next 6 months. 34.7 per cent of business leaders would normally have increased the prices by 2.1–3 per cent under normal circumstances the next 6 months, and 27.9 per cent would normally have increased the prices by 1–2 per cent under normal circumstances.

## Brief summary of individual results for households

### Inflation

88.1 per cent of the households believe prices for goods and services to be higher now than 12 months ago, up 3.5 percentage points from the previous quarter. 7.4 per cent perceive prices as approximately unchanged, down 1.5 percentage points from the previous quarter. 1.3 per cent believe prices of goods and services to be lower now than 12 months ago, down 0.8 percentage points from the previous quarter. On average, the households' perceived change in prices is 4.4 per cent, up 0.8 percentage points from the previous quarter.

81.5 per cent of households expect prices for goods and services to be higher in the next 12 months, up 0.9 percentage points from the previous quarter. 14.1 per cent expect prices to remain unchanged over the next 12 months, same percentage as the previous quarter. 2.1 per cent of households expect prices for goods and services in 12 months to be lower than at present, down 0.7 percentage points from the previous quarter. Of households that expect prices to rise, 33.8 per cent believe the prices will increase faster than they do today, down 11.8 percentage points from the previous quarter. 51.9 per cent believe the prices will rise at the same pace as currently, up 10.5 percentage points from the previous quarter. 10.8 per cent expect the prices to rise slower than today, up 2.3 percentage points from the previous quarter.

Households believe prices will rise by 3.2 per cent over the next 12 months, up 0.2 percentage points from the previous quarter. Over the next 2–3 years, households expect annual inflation to be 4.0 per cent, up 0.1 percentage point from the previous quarter.

### Expected growth in annual wages and pension income

The households surveyed estimate a growth in wages and pension income of 2.2 per cent the past 12 months, up 0.3 percentage points from the previous quarter. Expected change in wages and pension income the next 12 months is 2.5 per cent, up 0.2 percentage points from the previous quarter.

### Interest rate developments

77.7 per cent of households expect the level of deposit and lending rates to rise over the next 12 months, up 0.7 percentage points from the previous quarter. 16.5 per cent expect the level of deposit and lending rates to remain unchanged, down 1.0 percentage point from the previous quarter. 1.9 per cent of households expect the level of deposit and lending rates to fall over the next 12 months, up 0.6 percentage points from the previous quarter.

## The survey

On commission by Norges Bank, Ipsos carries out quarterly surveys in Norway of expectations for inflation, wage growth, the krone exchange rate and interest rates among economists in the financial industry and academia, the social partners, business leaders and households. Norges Bank orients monetary policy towards keeping inflation low and stable. Inflation expectations can influence actual inflation. A survey conducted at regular intervals can provide greater insight into these questions. This report and the main results of the expectations survey are published in full on the webpages of Ipsos (<https://www.ipsos.com/nb-no>). The survey of business leaders was broadened in 2009 to include enterprises with 20 or more employees (compared with 50 or more earlier). In addition, appx. 500 business leaders are now interviewed compared with appx. 300 earlier.

The survey for Q1 2022 was conducted in the period 19 January – 8 February 2022.



## Questionnaire

### To economists and social partners:

- What do you think the general rise in prices for goods and services will be in 12 months, as measured by the 12-month change in the consumer price index (CPI)?
- What do you think the general rise in prices for goods and services will be in two years, as measured by the 12-month change in the consumer price index (CPI)?
- What do you think the general rise in prices for goods and services will be in five years, as measured by the 12-month change in the consumer price index (CPI)?
- What do you think average wage growth will be this year?
- What do you think average wage growth will be next year?
- What do you think average wage growth will be in five years?
- Do you think that in 12 months the krone exchange rate, as measured by the trade-weighted exchange rate index, will appreciate, remain unchanged or depreciate?
- By how much do you think it will appreciate/depreciate?

### To business leaders:

- What do you think the general rise in prices for goods and services has been the last 12 months, as measured by the 12-month change in the consumer price index (CPI)?
- What do you think the general rise in prices for goods and services will be in 12 months, as measured by the 12-month change in the consumer price index (CPI)?
- What do you think the general rise in prices for goods and services will be in two years, as measured by the 12-month change in the consumer price index (CPI)?
- Do you expect that over the next 12 months your business's purchase prices will increase more than, increase at approximately the same pace as or increase less than in the past 12-month period?
- Do you expect that over the next 12 months your business's selling prices will increase more than, increase at approximately the same pace as or increase less than in the past 12-month period?
- What do you think the average annual wage growth in your business will be this year?
- What do you think the average annual wage growth in your business will be next year?
- Over the past 12 months, has the profitability of your business, as measured by the operating margin (EBITDA), improved, remained unchanged or weakened?
- Do you think that over the next 12 months, the profitability of your business, as measured by the operating margin (EBITDA), will improve, remain unchanged or weaken?
- Compared with 12 months earlier, does your business currently have more employees, the same number of employees or fewer employees?
- Do you think that in 12 months, your business will have more employees than currently, the same number of employees or fewer employees?
- Are you experiencing (or have you recently experienced) a sharper increase in costs than usual, for instance due to increased prices of input goods?
- How much do you intend to increase prices over the next 6 months period?
- How much would you have increased prices under normal circumstances in the next 6 months period?
- What are the contributors to the unexpected rise in costs?

### To households:

- Compared with 12 months ago, do you think that prices for goods and services, as measured by the consumer price index (CPI), are now higher, approximately unchanged or lower?
- About how much higher/lower, measured in per cent?

- Do you think that over the next 12 months, prices for goods and services, as measured by the consumer price index (CPI), will be higher, unchanged or lower than they are currently?
- Will prices rise faster, at the same pace as currently, or more slowly?
- About how much higher/lower, measured in per cent?
- How much do you think prices for goods and services, as measured by the consumer price index (CPI), will rise annually in two to three years, in per cent?
- Ranked from 1 to 3, where 1 is highest, which three prices did you place the most emphasis on in the answers you just gave about expectations for price changes in the future?
- Compared with 12 months ago, by how much do you think your wages or pension has changed in per cent?
- By approximately how much do you think your wages or pension will change in per cent over the next 12 months?
- Do you think that over the next 12 months, the level of deposit and lending rates will rise, remain unchanged or fall?

## Tables and graphs

### Economists

1. Expected inflation in 12 months
2. Expected inflation in 2 years
3. Expected inflation in 5 years
4. Expected annual wage growth for current year
5. Expected annual wage growth next year
6. Expected annual wage growth in 5 years
7. Expected growth in the krone exchange rate in 12 months
8. Average expected change in the trade-weighted exchange rate index in 12 months

### Social partners

9. Expected inflation in 12 months
10. Expected inflation in 2 years
11. Expected inflation in 5 years
12. Expected annual wage growth for current year
13. Expected annual wage growth next year
14. Expected annual wage growth in 5 years

### Business leaders

15. Perception of general inflation over the last 12 months
16. Expected general inflation in 12 months
17. Expected general inflation in 2 years
18. Expected increase in purchase prices for own business the next 12 months
19. Expected increase in selling prices for own business next 12 months
20. Expected annual wage growth in own business this year
21. Expected annual wage growth in own business next year
22. Profitability in own business last 12 months
23. Profitability in own business next 12 months
24. Number of employees today compared to 12 months ago
25. Number of employees in 12 months
36. Experience of unexpected rise in costs
37. Intended rise in prices in the next 6 months period
38. Rise in prices under normal circumstances
39. Ranking of contributors to unexpected rise in costs

### Households

26. Perception of price change last 12 months
27. Perception of price change last 12 months in per cent
28. Expected price change next 12 months
29. Expected price change next 12 months in per cent
30. Expected rate of increase next 12 months
31. Expected rate of increase next 12 months – Detailed
32. Expected inflation in 2-3 years
33. Wage and pension development last 12 months
34. Expected annual wage growth over the next 12 months in per cent
35. Expected exchange rate next 12 months

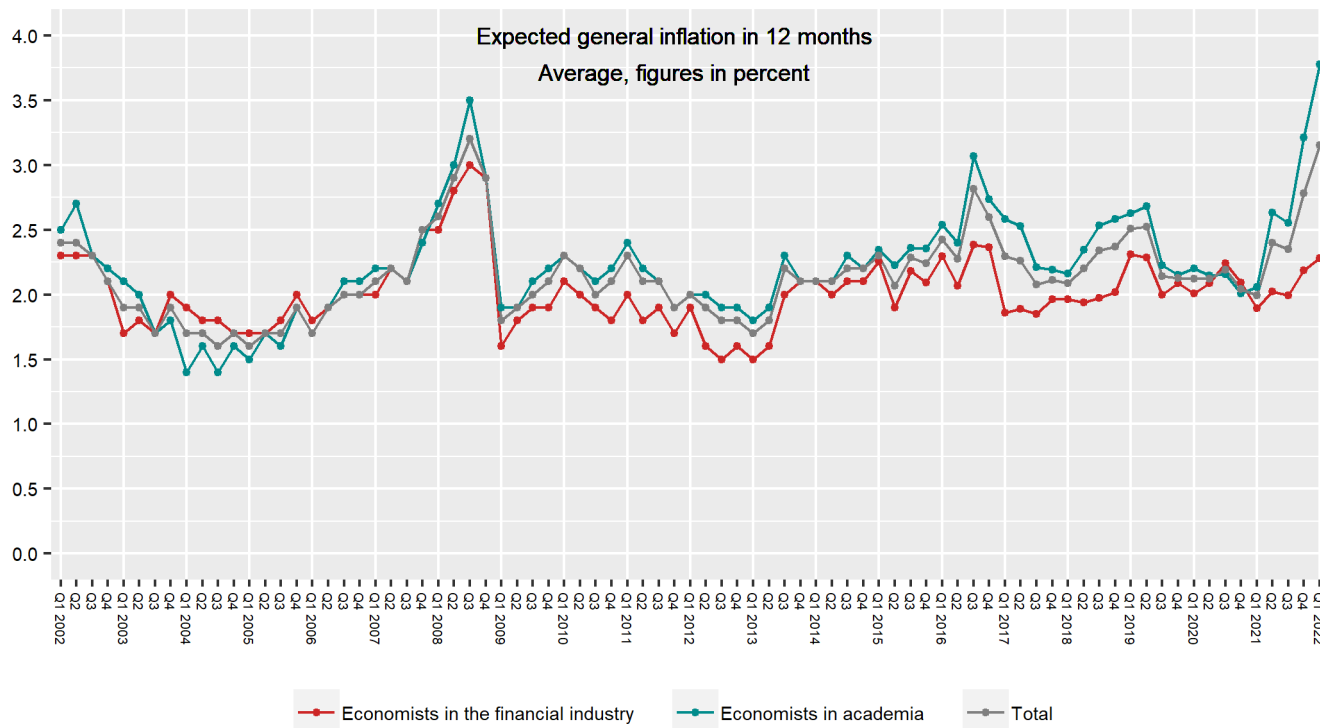
# RESULTS

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## ECONOMISTS

## Question 1: **ECONOMISTS**

What do you think the general rise in prices for goods and services will be in 12 months, as measured by the 12-month change in the consumer price index (CPI)?



		4. Q. 2021	1. Q. 2022	CHANGE
Economists in the financial industry	Average	2,2	2,3	+0,1
	Median	2,0	2,2	
	Lowest value	1,0	1,0	
	Highest value	4,0	4,0	
	Sample	19	18*	
Economists in academia	Average	3,2	3,8	+0,6
	Median	3,0	4,0	
	Lowest value	1,7	1,0	
	Highest value	6,0	6,0	
	Sample	26	25**	
Economists in total	Average	2,8	3,2	+0,3
	Median	2,9	3,0	
	Lowest value	1,0	1,0	
	Highest value	6,0	6,0	
	Sample	45	43***	

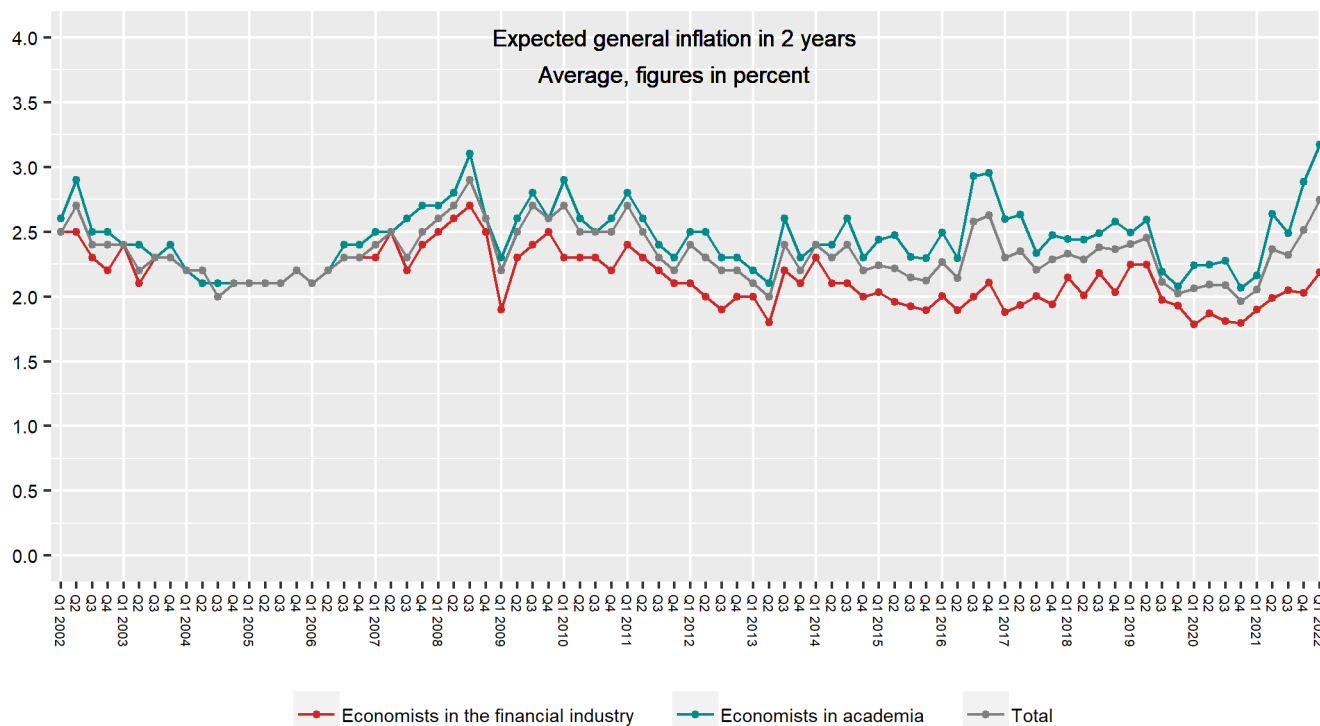
\*n=19. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

\*\*n=26. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

\*\*\*n=45. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

## Question 2: ECONOMISTS

What do you think the general rise in prices for goods and services will be in 2 years, as measured by the 12-month change in the consumer price index (CPI)?



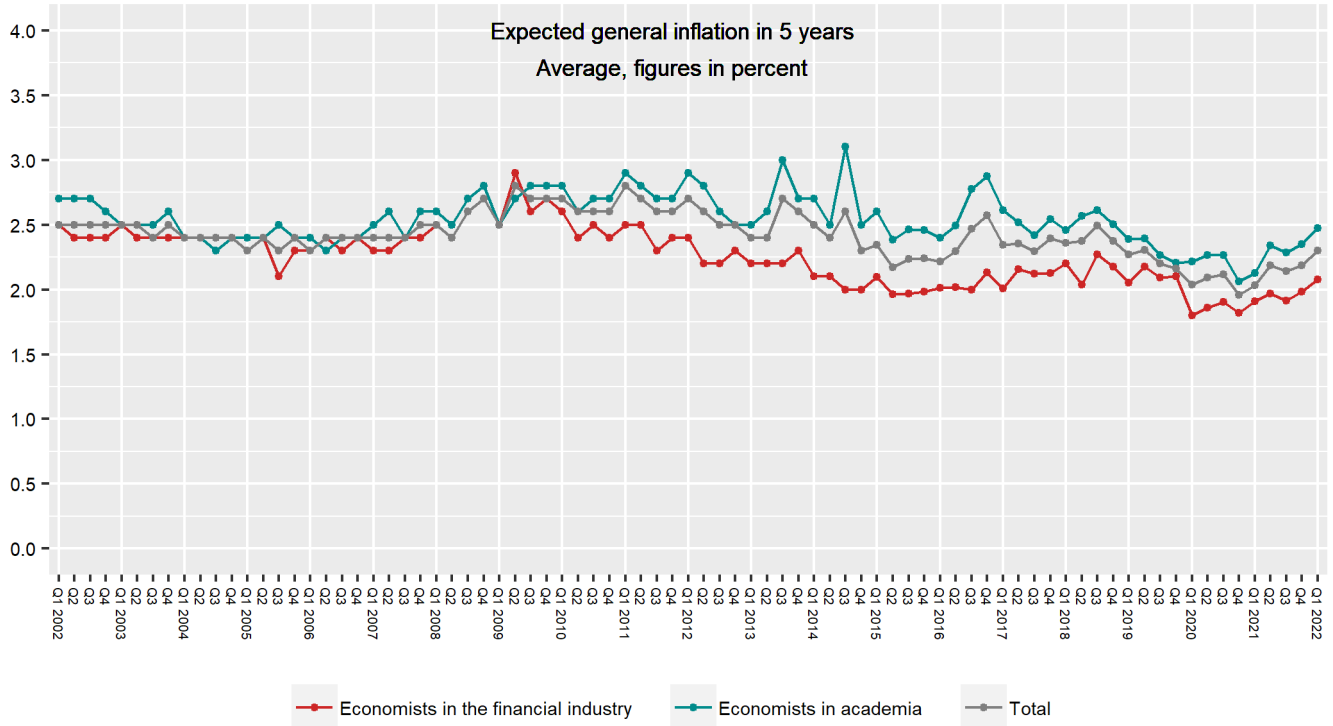
		4. Q. 2021	1. Q. 2022	CHANGE
Economists in the financial industry	Average	2,0	2,2	+0,2
	Median	2,0	2,0	
	Lowest value	0,0	1,0	
	Highest value	3,5	3,0	
	Sample	19	19	
Economists in academia	Average	2,9	3,2	+0,3
	Median	3,0	3,0	
	Lowest value	1,5	1,8	
	Highest value	4,2	6,0	
	Sample	25	25*	
Economists in total	Average	2,5	2,7	+0,2
	Median	2,3	2,6	
	Lowest value	0,0	1,0	
	Highest value	4,2	6,0	
	Sample	44	44**	

\*n=26. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

\*\*n=45. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

### Question 3: **ECONOMISTS**

What do you think the general rise in prices for goods and services will be in 5 years, as measured by the 12-month change in the consumer price index (CPI)?



		4. Q. 2021	1. Q. 2022	CHANGE
Economists in the financial industry	Average	2,0	2,1	+0,1
	Median	2,0	2,0	
	Lowest value	1,0	1,0	
	Highest value	2,5	3,0	
	Sample	19	19	
Economists in academia	Average	2,4	2,5	+0,1
	Median	2,2	2,3	
	Lowest value	2,0	2,0	
	Highest value	3,0	4,0	
	Sample	23	24*	
Economists in total	Average	2,2	2,3	+0,1
	Median	2,0	2,0	
	Lowest value	1,0	1,0	
	Highest value	3,0	4,0	
	Sample	42	43**	

\*n=26. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

\*\*n=45. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

## Question 4: ECONOMISTS

What do you think average wage growth will be this year?



		4. Q. 2021	1. Q. 2022	CHANGE
Economists in the financial industry	Average	3,2	3,8	+0,6
	Median	3,1	3,9	
	Lowest value	2,5	3,2	
	Highest value	4,5	4,9	
	Sample	19	19	
Economists in academia	Average	3,2	4,0	+0,8
	Median	3,0	4,0	
	Lowest value	1,9	2,5	
	Highest value	4,2	6,0	
	Sample	26	25*	
Economists in total	Average	3,2	3,9	+0,7
	Median	3,1	4,0	
	Lowest value	1,9	2,5	
	Highest value	4,5	6,0	
	Sample	45	44**	

\*n=26. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

\*\*n=45. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.



## Question 5: ECONOMISTS

What do you think average wage growth will be next year?



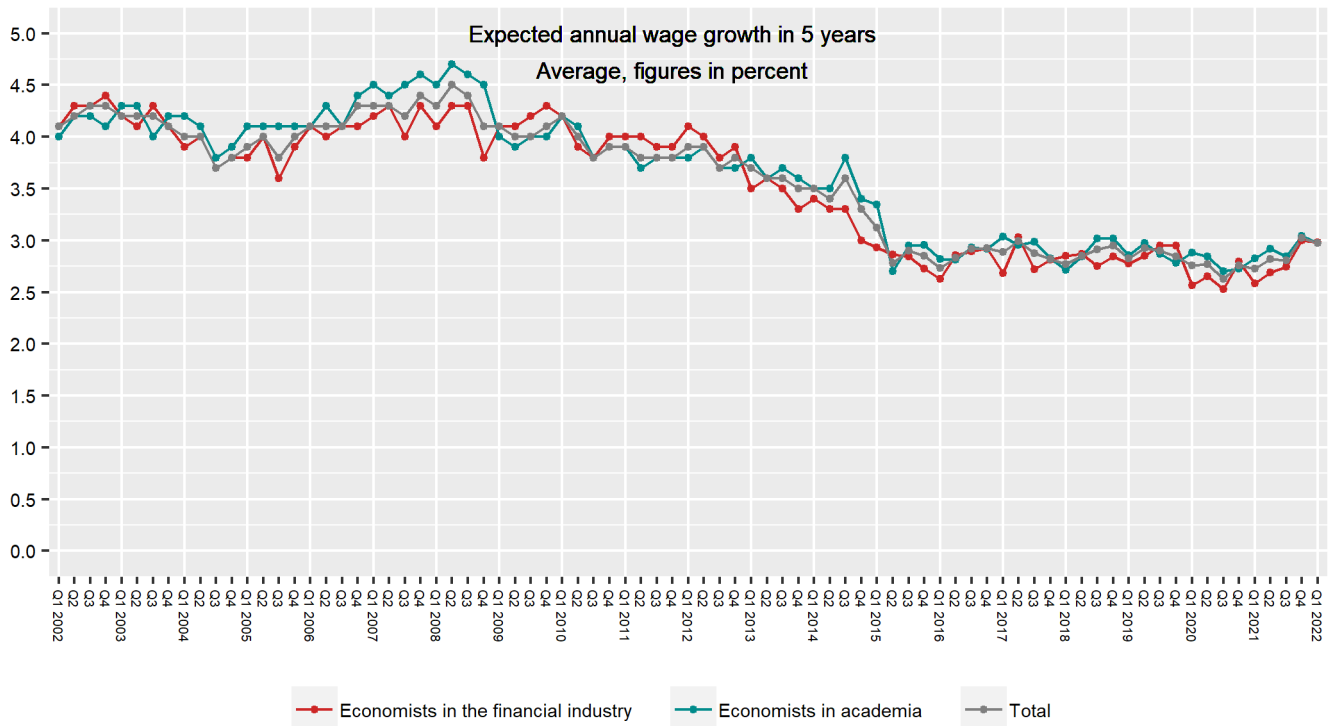
		4. Q. 2021	1. Q. 2022	CHANGE
Economists in the financial industry	Average	3,4	3,3	-0,1
	Median	3,3	3,5	
	Lowest value	2,0	2,0	
	Highest value	5,0	4,2	
	Sample	19	19	
Economists in academia	Average	3,4	3,5	+0,1
	Median	3,3	3,5	
	Lowest value	2,0	2,5	
	Highest value	5,8	6,0	
	Sample	25	25*	
Economists in total	Average	3,4	3,4	0,0
	Median	3,3	3,5	
	Lowest value	2,0	2,0	
	Highest value	5,8	6,0	
	Sample	44	44**	

\*n=26. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

\*\*n=45. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

## Question 6: ECONOMISTS

What do you think average wage growth will be in five years?



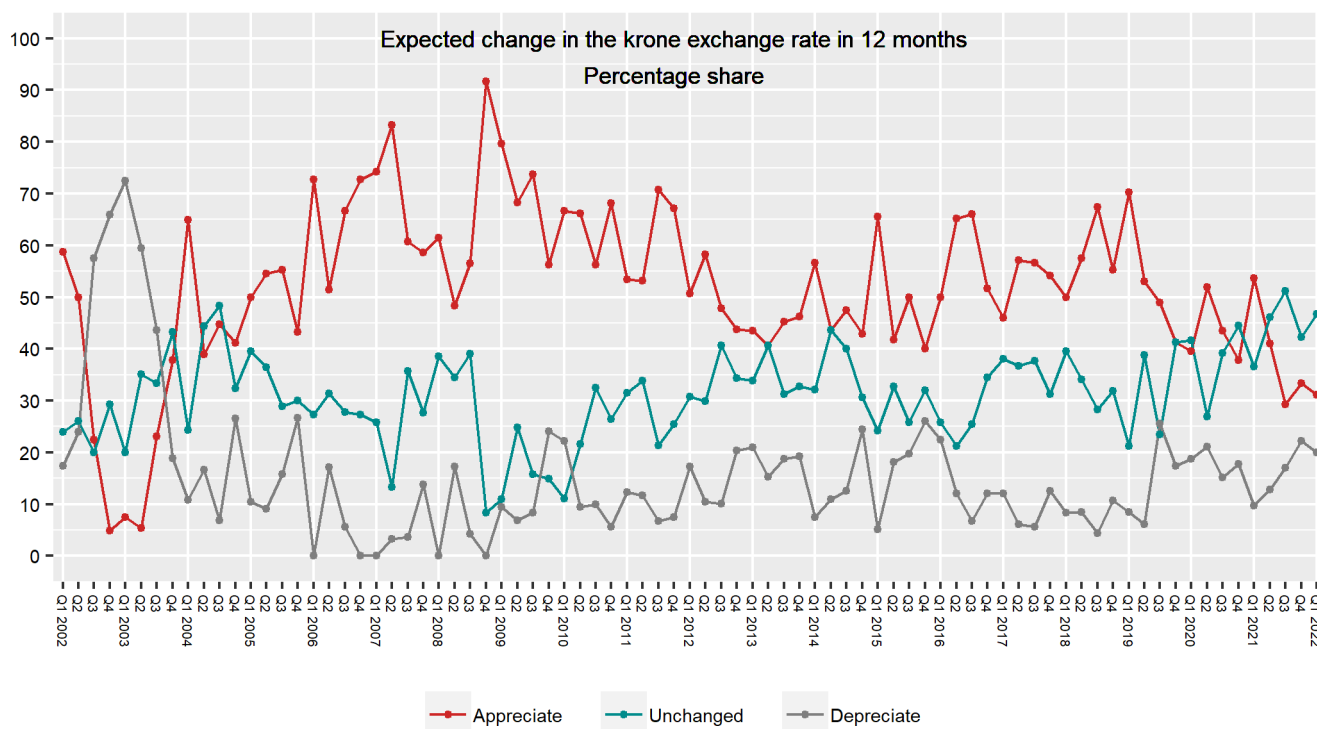
		4. Q. 2021	1. Q. 2022	CHANGE
Economists in the financial industry	Average	3,0	3,0	0,0
	Median	3,0	3,0	
	Lowest value	2,0	2,0	
	Highest value	4,0	4,0	
	Sample	19	19	
Economists in academia	Average	3,0	3,0	0,0
	Median	3,0	3,0	
	Lowest value	1,0	1,0	
	Highest value	4,0	4,0	
	Sample	23	24*	
Economists in total	Average	3,0	3,0	0,0
	Median	3,0	3,0	
	Lowest value	1,0	1,0	
	Highest value	4,0	4,0	
	Sample	42	43**	

\*n=26. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

\*\*n=45. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

## Question 7: ECONOMISTS

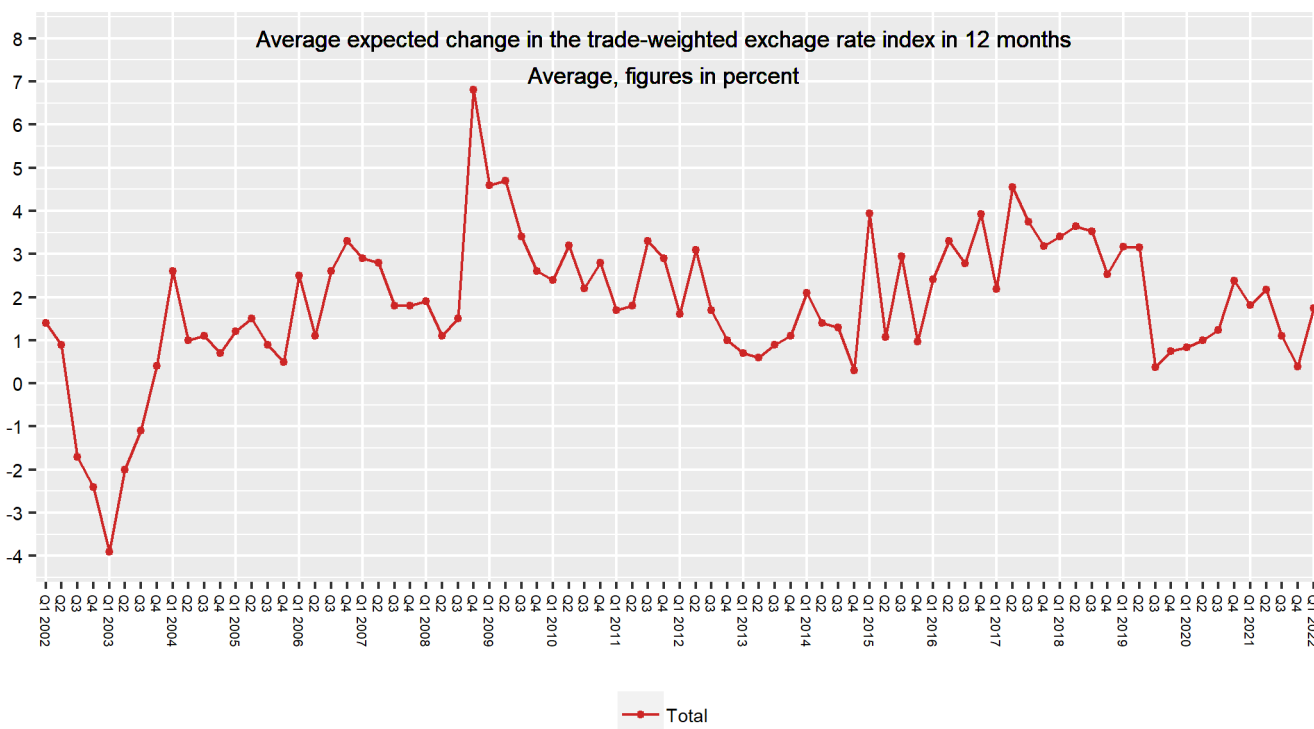
Do you think that in 12 months the krone exchange rate, as measured by the trade-weighted exchange rate index, will appreciate, remain unchanged or depreciate?



		4. Q. 2021	1. Q. 2022	CHANGE
Economists in the financial industry	Appreciate	36,8	42,1	+5,3
	Unchanged	31,6	36,8	+5,2
	Depreciate	31,6	21,1	-10,5
	Sample	19	19	
Economists in academia	Appreciate	30,8	23,1	-7,7
	Unchanged	50,0	53,8	+3,8
	Depreciate	15,4	19,2	+3,8
	Sample	26	26	
Economists in total	Appreciate	33,3	31,1	-2,2
	Unchanged	42,2	46,7	+4,5
	Depreciate	22,2	20,0	-2,2
	Sample	45	45	

## Question 8: **ECONOMISTS**

By how much do you think it will appreciate/depreciate? (If answered appreciate/depreciate on question 7)



		4. Q. 2021	1. Q. 2022	CHANGE
Economists in the financial industry	Average	1,2	2,3	+1,1
	Median	2,0	3,0	
	Lowest value	-5,0	-5,0	
	Highest value	7,0	8,0	
	Sample	11	10*	
Economists in academia	Average	-0,8	1,0	+1,8
	Median	-1,5	2,4	
	Lowest value	-5,0	-5,0	
	Highest value	5,0	5,0	
	Sample	8	8**	
Economists in total	Average	0,4	1,7	+1,3
	Median	1,0	3,0	
	Lowest value	-5,0	-5,0	
	Highest value	7,0	8,0	
	Sample	19	18***	

\*n=19. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=8, extreme values n=1.

\*\*n=26. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=18, extreme values n=0.

\*\*\*n=45. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=26, extreme values n=1.

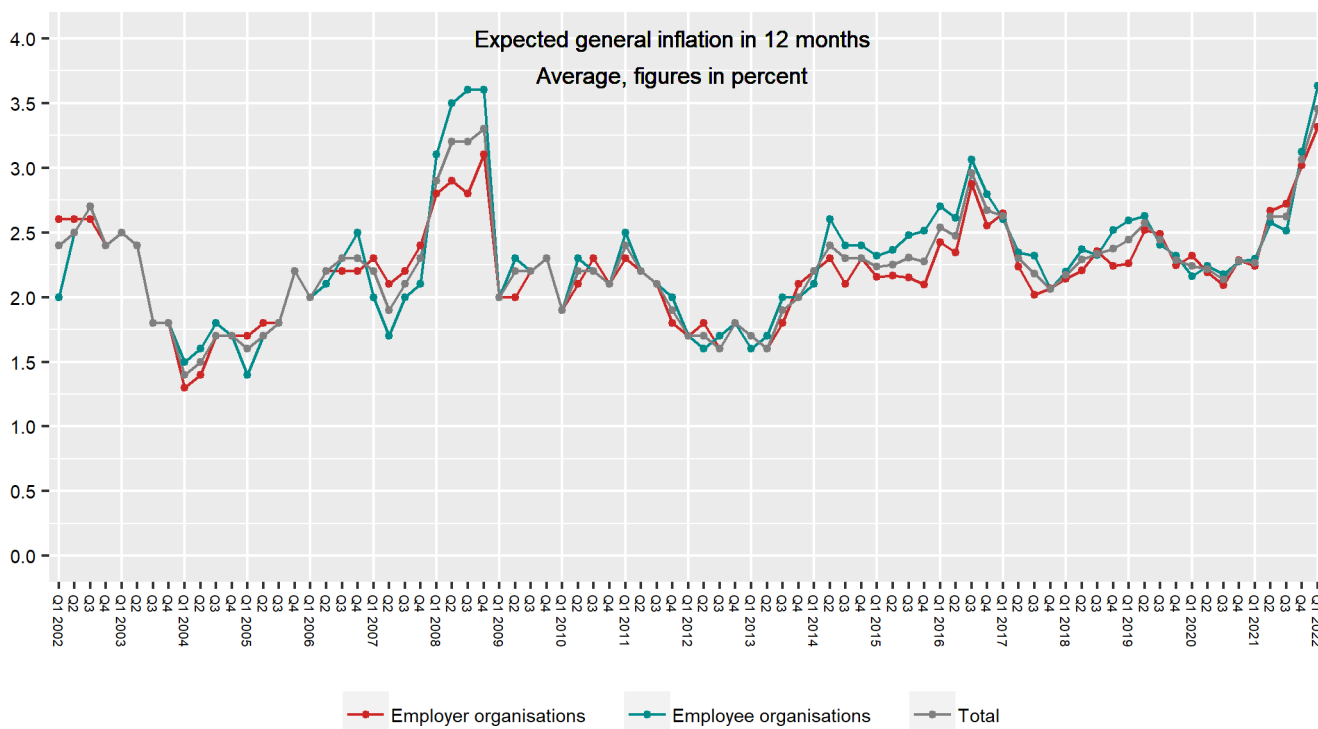
# RESULTS

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## SOCIAL PARTNERS

## Question 9: SOCIAL PARTNERS

What do you think the general rise in prices for goods and services will be in 12 months, as measured by the 12-month change in the consumer price index (CPI)?



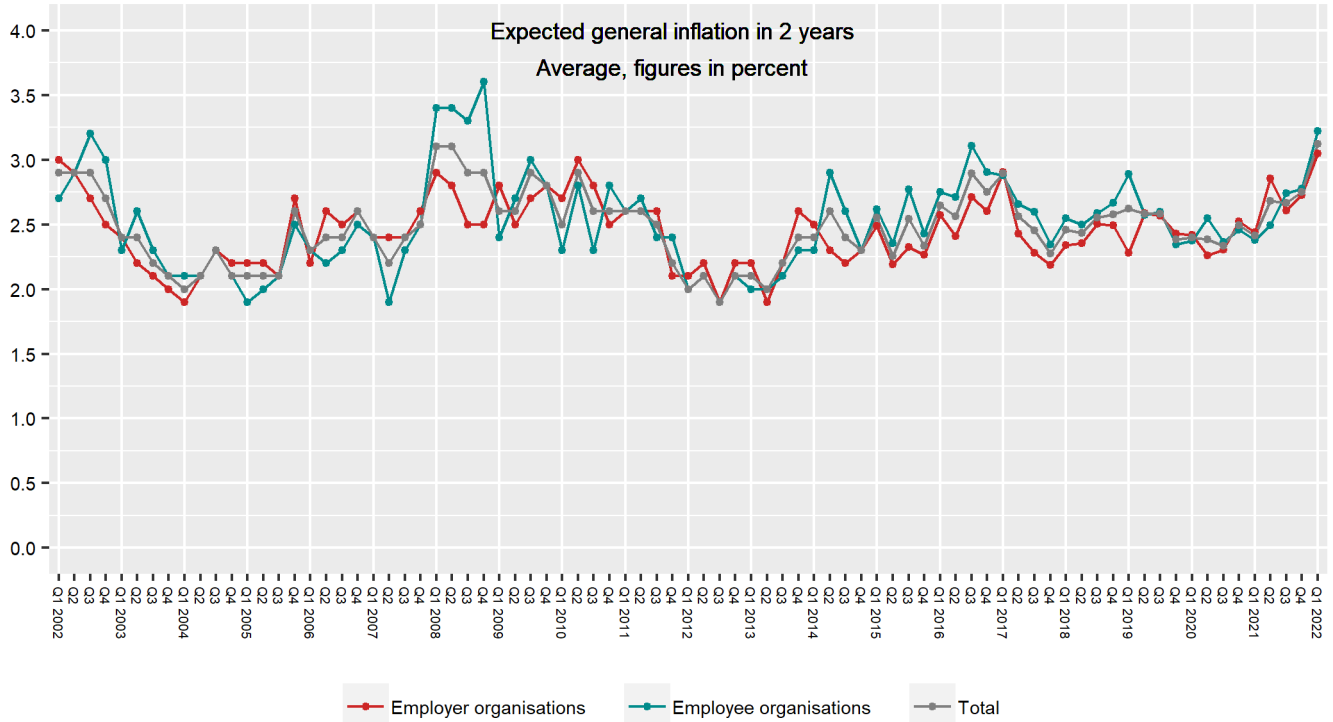
		4. Q. 2021	1. Q. 2022	CHANGE
Employer organisations	Average	3,0	3,3	+0,3
	Median	2,8	3,0	
	Lowest value	1,0	2,0	
	Highest value	8,0	5,0	
	Sample	17	19*	
Employee organisations	Average	3,1	3,6	+0,5
	Median	3,0	3,5	
	Lowest value	1,5	2,0	
	Highest value	6,0	6,0	
	Sample	15	15	
Social partners in total	Average	3,1	3,5	+0,4
	Median	2,8	3,5	
	Lowest value	1,0	2,0	
	Highest value	8,0	6,0	
	Sample	32	34**	

\*n=20. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

\*\*n=35. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

## Question 10: SOCIAL PARTNERS

What do you think the general rise in prices for goods and services will be in two years, as measured by the 12-month change in the consumer price index (CPI)?



		4. Q. 2021	1. Q. 2022	CHANGE
Employer organisations	Average	2,7	3,1	+0,3
	Median	2,8	2,9	
	Lowest value	1,7	2,0	
	Highest value	4,5	5,0	
	Sample	18	18*	
Employee organisations	Average	2,8	3,2	+0,4
	Median	3,0	3,0	
	Lowest value	1,5	1,5	
	Highest value	5,0	5,0	
	Sample	15	13**	
Social partners in total	Average	2,7	3,1	+0,4
	Median	3,0	3,0	
	Lowest value	1,5	1,5	
	Highest value	5,0	5,0	
	Sample	33	31***	

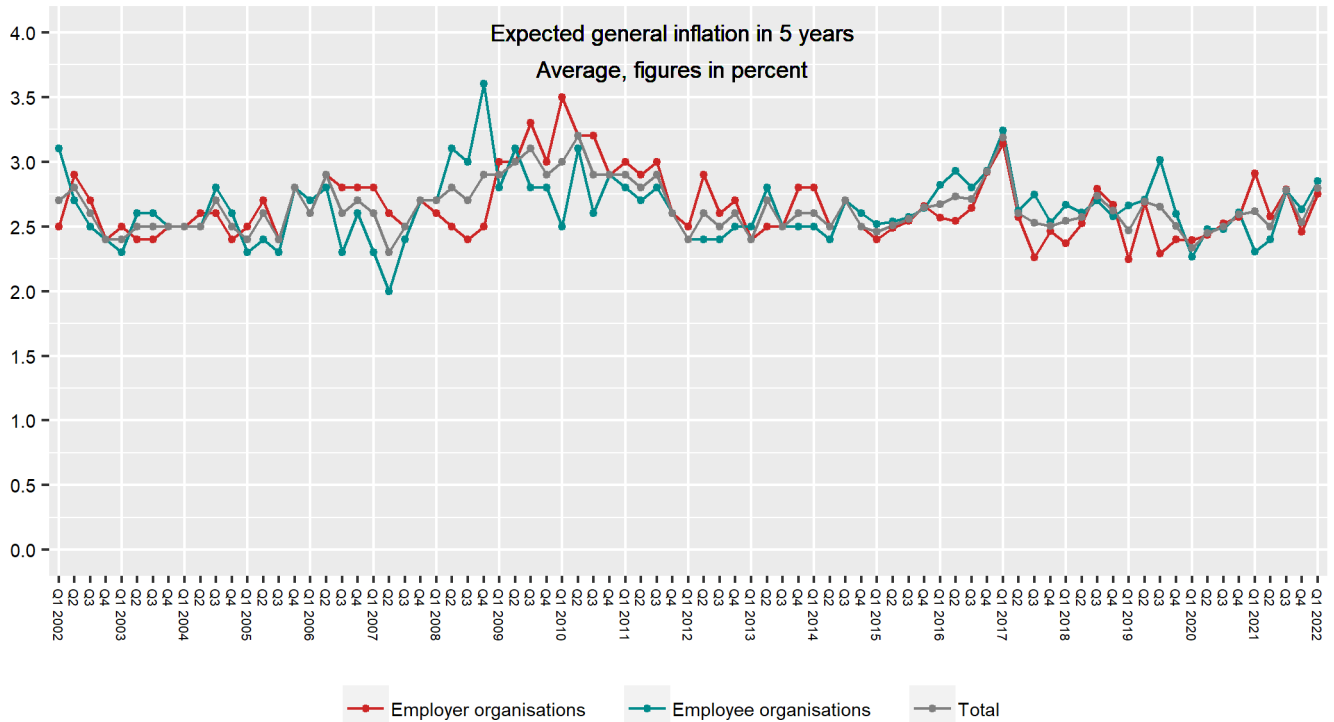
\*n=20. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

\*\*n=15. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

\*\*\*n=35. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=4, extreme values n=0.

## Question 11: SOCIAL PARTNERS

What do you think the general rise in prices for goods and services will be in five years, as measured by the 12-month change in the consumer price index (CPI)?



		4. Q. 2021	1. Q. 2022	CHANGE
Employer organisations	Average	2,5	2,8	+0,3
	Median	2,2	2,8	
	Lowest value	1,5	2,0	
	Highest value	4,0	5,3	
	Sample	16	16*	
Employee organisations	Average	2,6	2,9	+0,3
	Median	2,5	2,8	
	Lowest value	2,0	2,0	
	Highest value	4,0	4,0	
	Sample	13	12**	
Social partners in total	Average	2,5	2,8	+0,3
	Median	2,5	2,8	
	Lowest value	1,5	2,0	
	Highest value	4,0	5,3	
	Sample	29	28***	

\*n=20. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=4, extreme values n=0.

\*\*n=15. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=3, extreme values n=0.

\*\*\*n=35. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=7, extreme values n=0.



## Question 12: SOCIAL PARTNERS

What do you think average wage growth will be this year?



		4. Q. 2021	1. Q. 2022	CHANGE
Employer organisations	Average	3,0	3,9	+0,9
	Median	3,0	3,5	
	Lowest value	2,0	3,2	
	Highest value	4,5	7,0	
	Sample	19	19*	
Employee organisations	Average	3,2	4,2	+1,0
	Median	3,1	4,0	
	Lowest value	2,8	2,1	
	Highest value	4,0	5,3	
	Sample	14	15	
Social partners in total	Average	3,1	4,0	+0,9
	Median	3,0	4,0	
	Lowest value	2,0	2,1	
	Highest value	4,5	7,0	
	Sample	33	34**	

\*n=20. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

\*\*n=35. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

## Question 13: SOCIAL PARTNERS

What do you think average wage growth will be next year?



		4. Q. 2021	1. Q. 2022	CHANGE
Employer organisations	Average	3,3	3,4	+0,1
	Median	3,1	3,4	
	Lowest value	2,5	2,7	
	Highest value	4,5	4,0	
	Sample	18	19*	
Employee organisations	Average	3,5	3,6	+0,1
	Median	3,3	3,8	
	Lowest value	3,0	2,1	
	Highest value	5,0	5,0	
	Sample	15	13**	
Social partners in total	Average	3,4	3,5	+0,1
	Median	3,2	3,5	
	Lowest value	2,5	2,1	
	Highest value	5,0	5,0	
	Sample	33	32***	

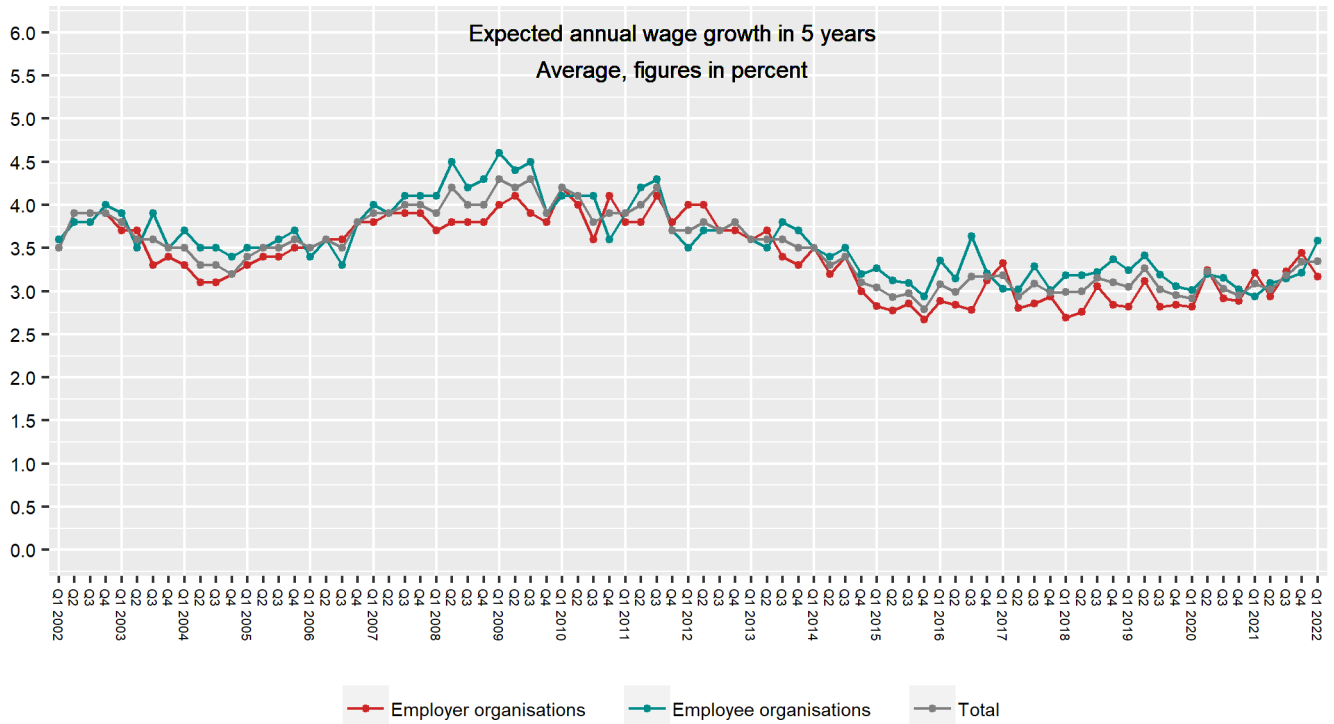
\*n=20. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=1, extreme values n=0.

\*\*n=15. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

\*\*\*n=35. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=3, extreme values n=0.

## Question 14: SOCIAL PARTNERS

What do you think average wage growth will be in five years?



		4. Q. 2021	1. Q. 2022	CHANGE
Employer organisations	Average	3,4	3,2	-0,2
	Median	3,5	3,0	
	Lowest value	2,0	2,0	
	Highest value	6,0	6,0	
	Sample	15	17*	
Employee organisations	Average	3,2	3,6	+0,4
	Median	3,0	3,3	
	Lowest value	2,2	2,3	
	Highest value	4,0	7,0	
	Sample	13	13**	
Social partners in total	Average	3,3	3,3	0,0
	Median	3,3	3,0	
	Lowest value	2,0	2,0	
	Highest value	6,0	7,0	
	Sample	28	30***	

\*n=20. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=3, extreme values n=0.

\*\*n=15. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=2, extreme values n=0.

\*\*\*n=35. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=5, extreme values n=0.

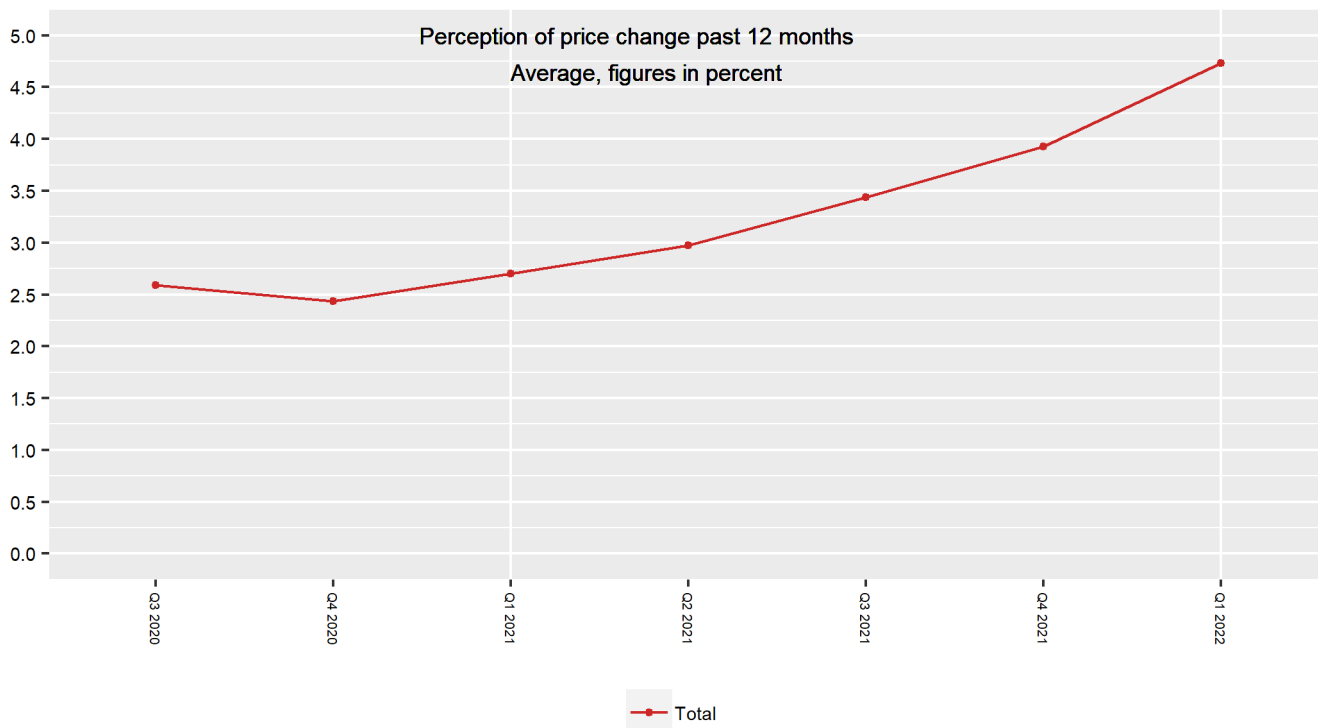
# RESULTS

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## **BUSINESS LEADERS**

## Question 15: BUSINESS LEADERS

What do you think the general rise in prices for goods and services has been the last 12 months, as measured by the 12-month change in the consumer price index (CPI)?  
 (The question was introduced Q3 2020 – see technical comment)<sup>2</sup>



		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Average	4,0	4,8	+0,8
	Weighted median	4,0	5,0	
	Unweighted median	4,0	5,0	
	Lowest value	0,0	0,0	
	Highest value	11,0	11,0	
	Sample	195	228*	
Businesses with more than 50 employees	Average	3,8	4,7	+0,9
	Weighted median	3,1	4,5	
	Unweighted median	3,2	4,5	
	Lowest value	0,0	0,0	
	Highest value	11,0	11,0	
	Sample	192	218**	
Business leaders in total	Average	3,9	4,7	+0,8
	Weighted median	3,5	4,8	
	Unweighted median	3,5	4,5	
	Lowest value	0,0	0,0	
	Highest value	11,0	11,0	
	Sample	386	445***	

\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=45, extreme values n=1.

\*\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=53, extreme values n=3.

\*\*\*n=548. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=99, extreme values n=4.

## Question 16: BUSINESS LEADERS

What do you think the general rise in prices for goods and services will be in 12 months, as measured by the 12-month change in the consumer price index (CPI)?



		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Average	4,0	4,8	+0,8
	Weighted median	4,0	5,0	
	Unweighted median	4,0	5,0	
	Lowest value	0,0	0,5	
	Highest value	10,0	11,0	
	Sample	196	234*	
Businesses with more than 50 employees	Average	3,8	4,7	+0,9
	Weighted median	3,5	4,0	
	Unweighted median	3,5	4,0	
	Lowest value	-4,0	0,8	
	Highest value	10,0	11,0	
	Sample	193	226**	
Business leaders in total	Average	3,9	4,7	+0,8
	Weighted median	3,7	4,5	
	Unweighted median	3,7	4,0	
	Lowest value	-4,0	0,5	
	Highest value	10,0	11,0	
	Sample	390	460***	

\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=38, extreme values n=3.

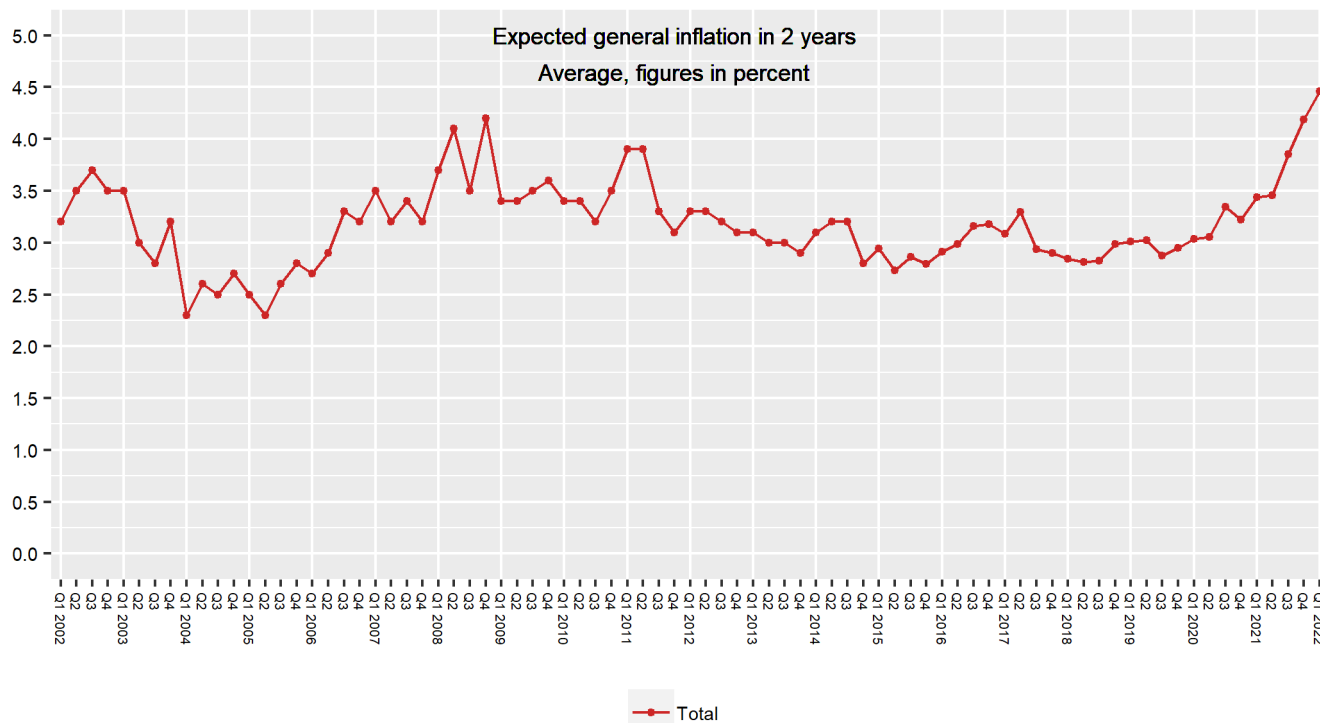
\*\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=47, extreme values n=1.

\*\*\*n=548. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=85, extreme values n=4.

## Question 17: BUSINESS LEADERS

What do you think the general rise in prices for goods and services will be in two years, as measured by the 12-month change in the consumer price index (CPI)?

(The question was marginally changed from Q1 2015 – see technical comment)<sup>3</sup>



		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Average	4,5	4,6	+0,1
	Weighted median	4,0	4,0	
	Unweighted median	4,0	4,0	
	Lowest value	0,0	0,5	
	Highest value	10,0	11,0	
	Sample	196	211*	
Businesses with more than 50 employees	Average	3,8	4,3	+0,5
	Weighted median	3,2	4,0	
	Unweighted median	3,2	4,0	
	Lowest value	0,0	1,0	
	Highest value	10,0	11,0	
	Sample	187	214**	
Business leaders in total	Average	4,2	4,5	+0,3
	Weighted median	4,0	4,0	
	Unweighted median	3,6	4,0	
	Lowest value	0,0	0,5	
	Highest value	10,0	11,0	
	Sample	383	425***	

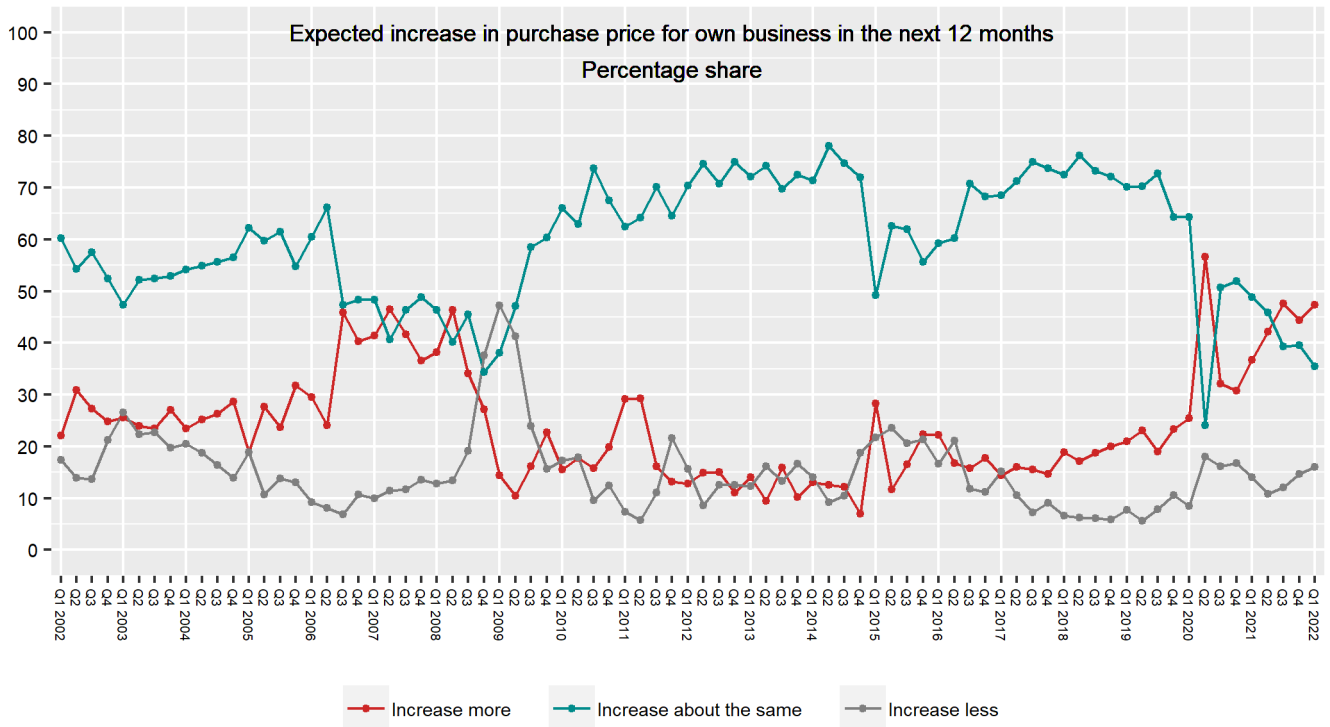
\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=62, extreme values n=1.

\*\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=59, extreme values n=1.

\*\*\*n=548. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=120, extreme values n=3.

### Question 18: BUSINESS LEADERS

Do you expect that over the next 12 months your business's purchase prices will increase more than, increase at approximately the same pace as or increase less than in the past 12-month period?

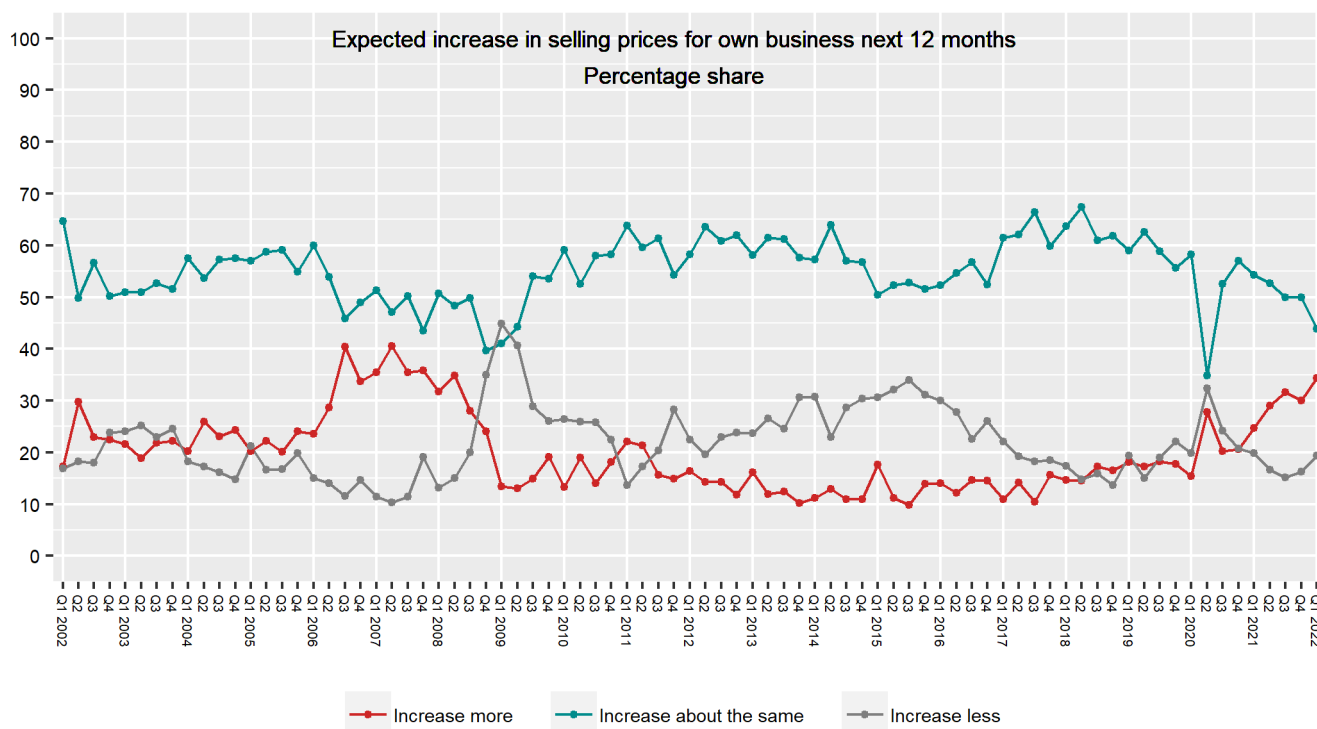


		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Increase more	40,0	43,5	+3,5
	Increase about the same	43,1	37,0	-6,1
	Increase less	15,9	18,4	+2,5
	Sample	254	274	
Businesses with more than 50 employees	Increase more	48,8	51,1	+2,3
	Increase about the same	35,9	34,0	-1,9
	Increase less	13,5	13,5	0,0
	Sample	253	274	
Business leaders in total	Increase more	44,4	47,3	+2,9
	Increase about the same	39,5	35,5	-4,0
	Increase less	14,7	16,0	+1,3
	Sample	507	548	



## Question 19: BUSINESS LEADERS

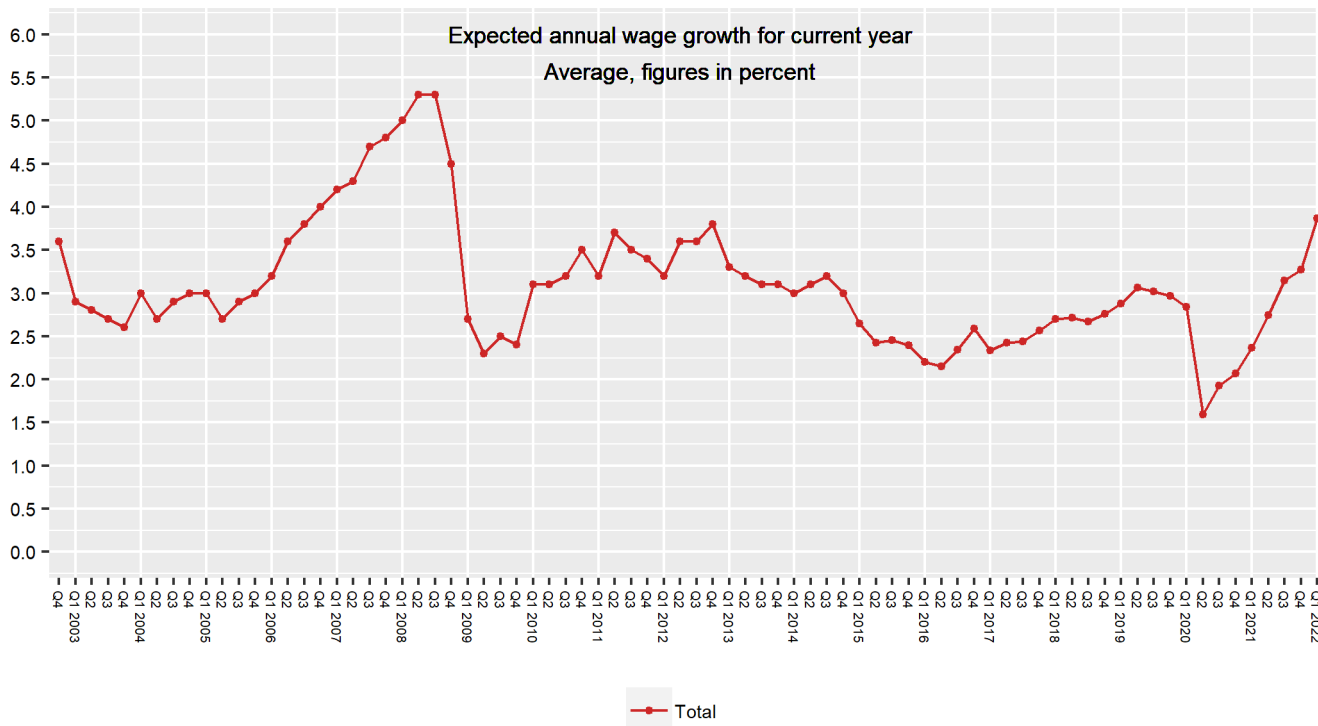
Do you expect that over the next 12 months your business's selling prices will increase more than, increase at approximately the same pace as or increase less than in the past 12-month period?



		4. Q. 2021	1. Q. 2022	CHANGE
<b>Businesses with fewer than 50 employees</b>	Increase more	25,6	33,4	+7,8
	Increase about the same	55,1	44,6	-10,5
	Increase less	16,3	19,6	+3,3
	Sample	254	274	
<b>Businesses with more than 50 employees</b>	Increase more	34,5	35,2	+0,7
	Increase about the same	44,7	43,1	-1,6
	Increase less	16,3	19,2	+2,9
	Sample	253	274	
<b>Business leaders in total</b>	Increase more	30,0	34,3	+4,3
	Increase about the same	49,9	43,8	-6,1
	Increase less	16,3	19,4	+3,1
	Sample	507	548	

## Question 20: BUSINESS LEADERS

What do you think the average annual wage growth will be this year?



		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Average	3,3	4,1	+0,8
	Weighted median	3,0	4,0	
	Unweighted median	3,0	4,0	
	Lowest value	0,0	0,0	
	Highest value	11,0	11,0	
	Sample	230	245*	
Businesses with more than 50 employees	Average	3,4	3,6	+0,3
	Weighted median	3,0	3,7	
	Unweighted median	3,0	3,7	
	Lowest value	0,0	0,0	
	Highest value	10,0	10,0	
	Sample	205	232**	
Business leaders in total	Average	3,3	3,9	+0,6
	Weighted median	3,0	4,0	
	Unweighted median	3,0	4,0	
	Lowest value	0,0	0,0	
	Highest value	11,0	11,0	
	Sample	434	477***	

\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=28, extreme values n=1.

\*\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=42, extreme values n=0.

\*\*\*n=548. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=70, extreme values n=1.

## Question 21: BUSINESS LEADERS

What do you think the average annual wage growth will be next year?



		4. Q. 2021	1. Q. 2022	CHANGE
<b>Businesses with fewer than 50 employees</b>	Average	3,2	3,9	+0,7
	Weighted median	3,0	3,5	
	Unweighted median	3,0	3,5	
	Lowest value	0,0	0,0	
	Highest value	10,0	11,0	
	Sample	224	247*	
<b>Businesses with more than 50 employees</b>	Average	3,3	3,5	+0,2
	Weighted median	3,0	3,2	
	Unweighted median	3,0	3,2	
	Lowest value	0,0	0,0	
	Highest value	11,0	10,0	
	Sample	204	234**	
<b>Business leaders in total</b>	Average	3,3	3,7	+0,4
	Weighted median	3,0	3,5	
	Unweighted median	3,0	3,5	
	Lowest value	0,0	0,0	
	Highest value	11,0	11,0	
	Sample	427	481***	

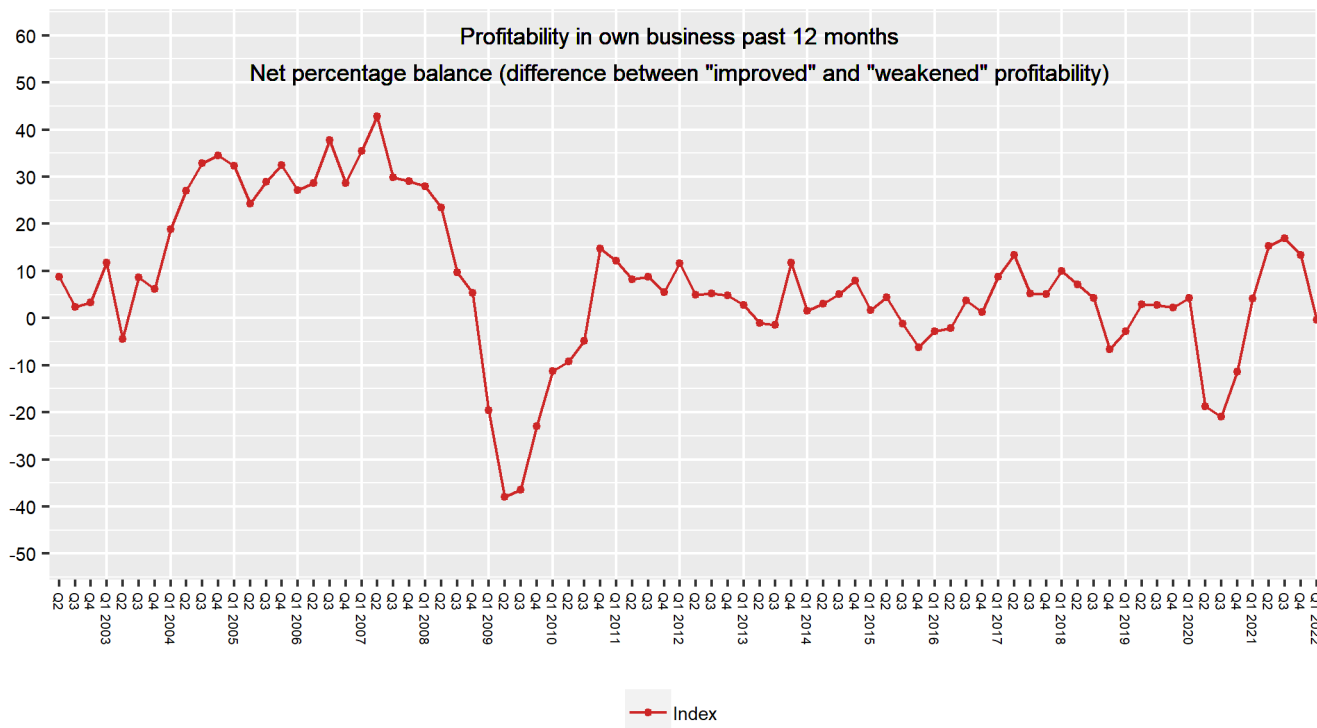
\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=26, extreme values n=1.

\*\*n=274. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=40, extreme values n=0.

\*\*\*n=548. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=66, extreme values n=1.

## Question 22: BUSINESS LEADERS

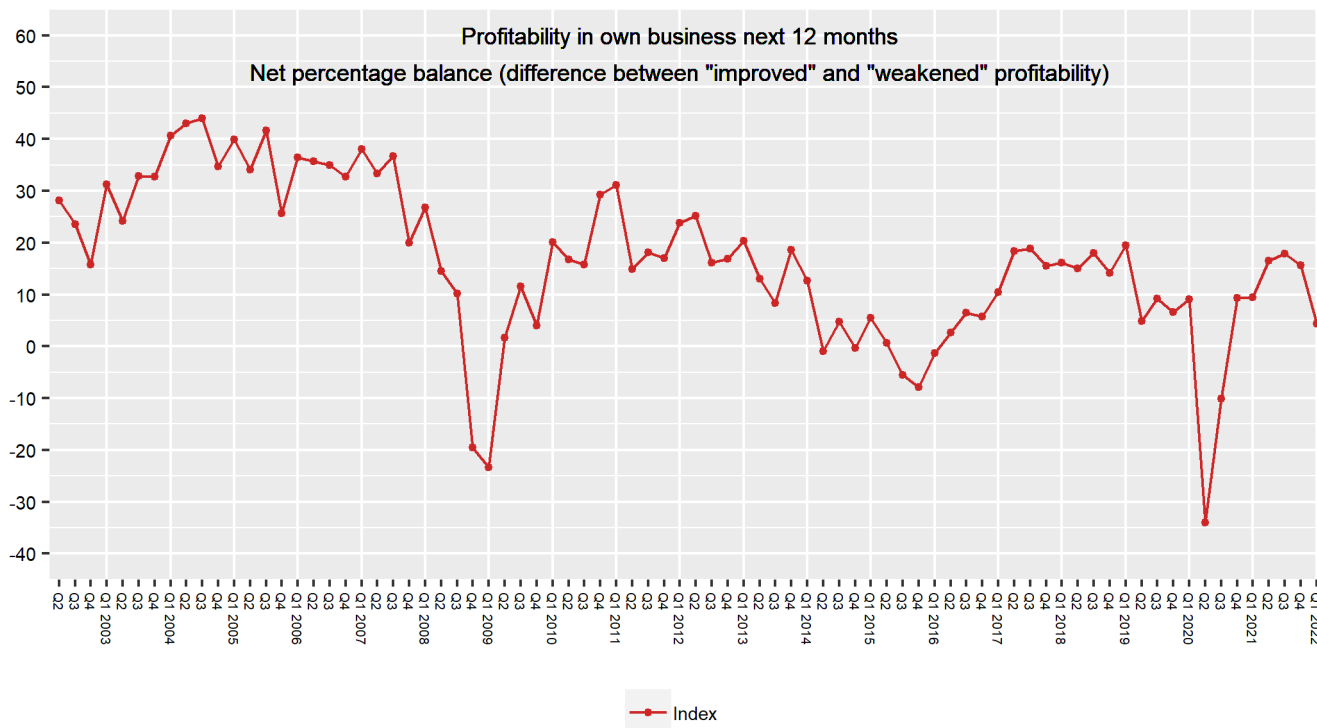
Over the past 12 months, has the profitability of your business, as measured by the operating margin (EBITDA), improved, remained unchanged or weakened?  
 (The question was marginally changed from Q1 2015 – see technical comment)<sup>4</sup>



		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Improved profitability	37,0	30,0	-7,0
	Unchanged profitability	33,0	27,6	-5,4
	Weakened profitability	27,9	40,4	+12,5
	Net percentage balance (profitability index)	9,1	-10,4	-19,5
	Sample	254	274	
Businesses with more than 50 employees	Improved profitability	42,0	39,6	-2,4
	Unchanged profitability	29,1	25,5	-3,6
	Weakened profitability	24,3	30,0	+5,7
	Net percentage balance (profitability index)	17,7	9,6	-8,1
	Sample	253	274	
Business leaders in total	Improved profitability	39,5	34,8	-4,7
	Unchanged profitability	31,1	26,6	-4,5
	Weakened profitability	26,1	35,2	+9,1
	Net percentage balance (profitability index)	13,4	-0,4	-13,8
	Sample	507	548	

### Question 23: BUSINESS LEADERS

Do you think that over the next 12 months, the profitability of your business, as measured by the operating margin (EBITDA), will improve, remain unchanged or weaken?  
 (The question was marginally changed from Q1 2015 – see technical comment)<sup>5</sup>

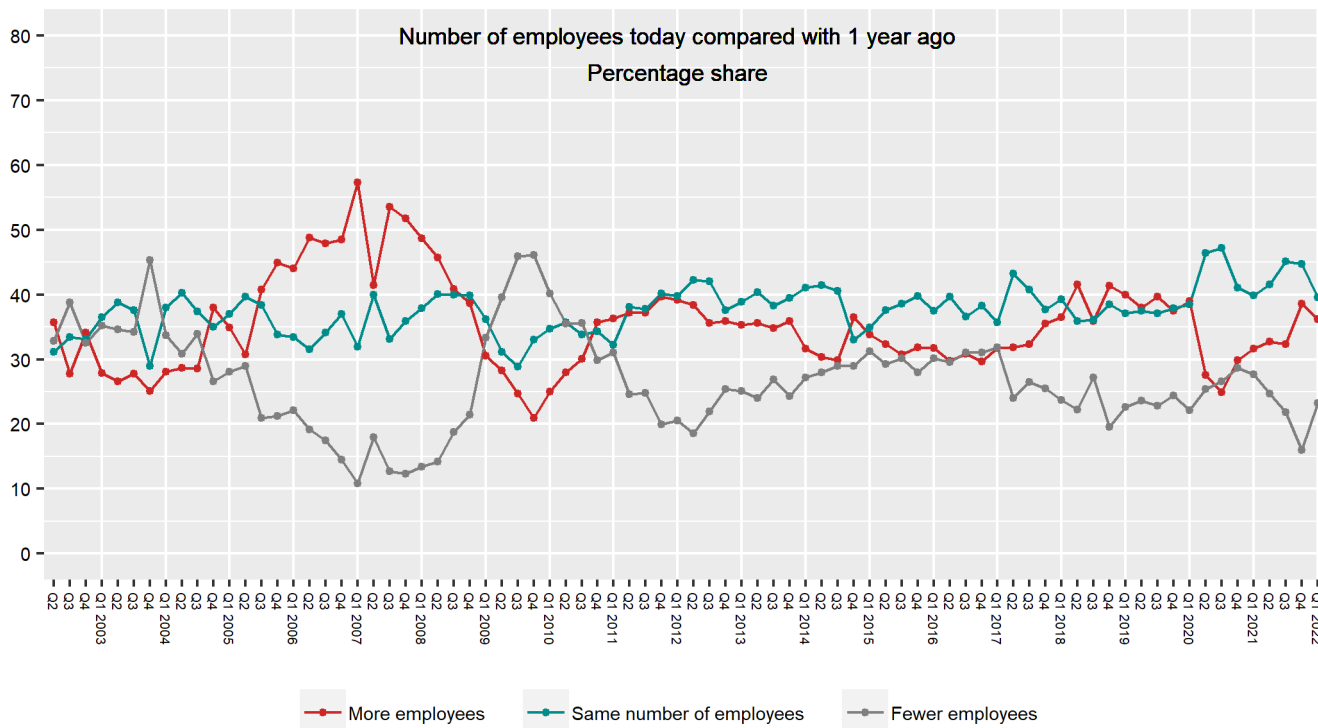


		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Improved profitability	36,9	28,8	-8,1
	Unchanged profitability	37,3	40,2	+2,9
	Weakened profitability	23,2	28,6	+5,4
	Net percentage balance (profitability index)	13,7	0,2	-13,5
	Sample	254	274	
Businesses with more than 50 employees	Improved profitability	37,9	32,6	-5,3
	Unchanged profitability	37,0	38,8	+1,8
	Weakened profitability	20,5	24,0	+3,5
	Net percentage balance (profitability index)	17,4	8,6	-8,8
	Sample	253	274	
Business leaders in total	Improved profitability	37,4	30,7	-6,7
	Unchanged profitability	37,1	39,5	+2,4
	Weakened profitability	21,8	26,3	+4,5
	Net percentage balance (profitability index)	15,6	4,4	-11,2
	Sample	507	548	

## Question 24: BUSINESS LEADERS

Compared with 12 months earlier, does your business currently have more employees, the same number of employees or fewer employees?

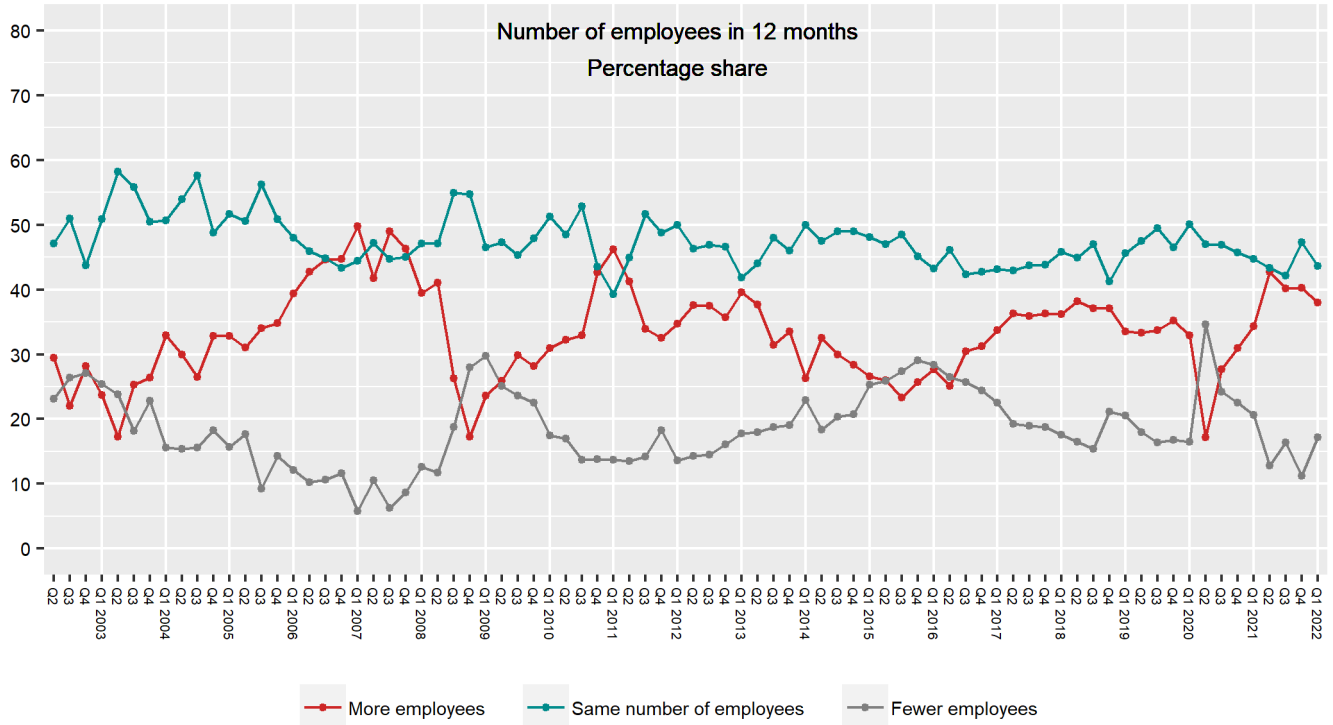
(The question was marginally changed from Q1 2015 – see technical comment)<sup>6</sup>



		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	More employees	39,2	35,1	-4,1
	Same number of employees	48,0	43,6	-4,4
	Fewer employees	12,8	20,0	+7,2
	Net (More employees – Fewer employees)	26,4	15,1	-11,3
	Sample	254	274	
Businesses with more than 50 employees	More employees	37,9	37,4	-0,5
	Same number of employees	41,4	35,5	-5,9
	Fewer employees	19,1	26,5	+7,4
	Net (More employees – Fewer employees)	18,8	10,9	-7,9
	Sample	253	274	
Business leaders in total	More employees	38,5	36,2	-2,3
	Same number of employees	44,7	39,6	-5,1
	Fewer employees	16,0	23,2	+7,2
	Net (More employees – Fewer employees)	22,5	13,0	-9,5
	Sample	507	548	

## Question 25: BUSINESS LEADERS

Do you think that in 12 months, your business will have more employees than currently, the same number of employees or fewer employees?

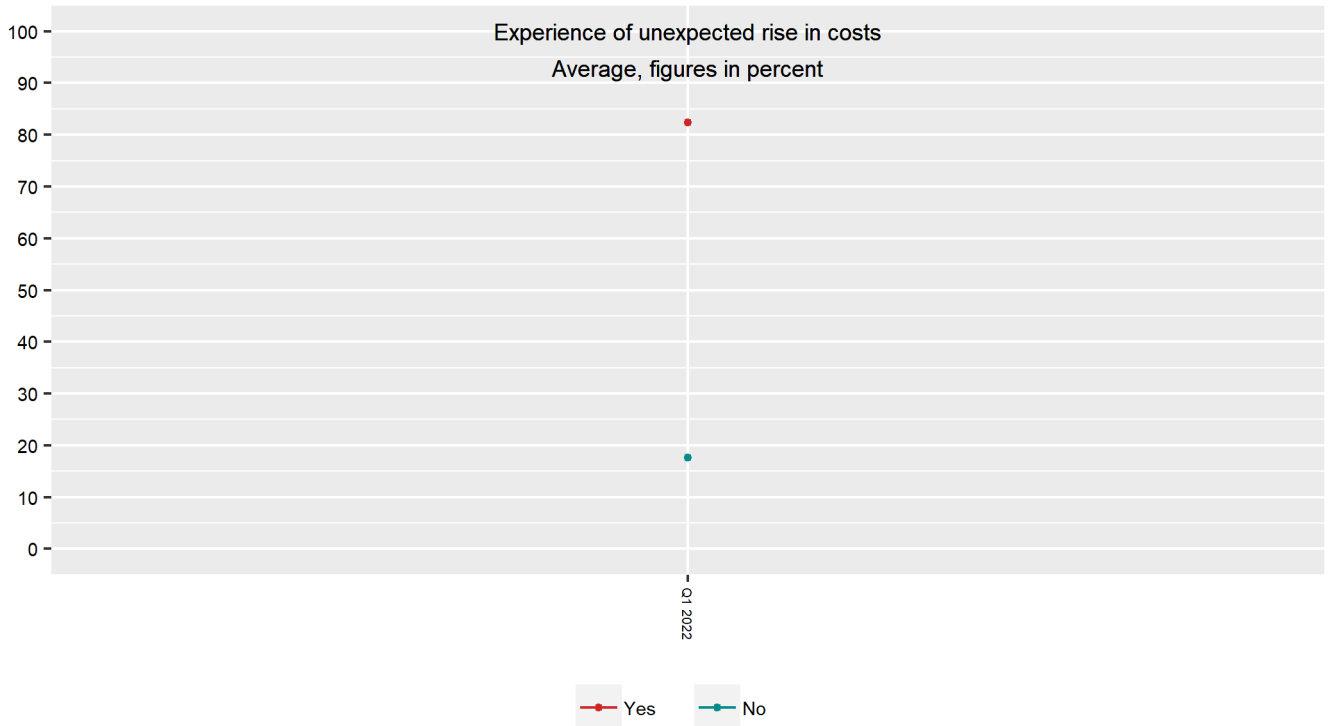


		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	More employees	40,6	36,9	-3,7
	Same number of employees	50,1	45,0	-5,1
	Fewer employees	9,3	16,7	+7,4
	Net (More employees – Fewer employees)	31,3	20,2	-11,1
	Sample	254	274	
Businesses with more than 50 employees	More employees	39,9	39,0	-0,9
	Same number of employees	44,4	42,3	-2,1
	Fewer employees	13,1	17,6	+4,5
	Net (More employees – Fewer employees)	26,8	21,4	-5,4
	Sample	253	274	
Business leaders in total	More employees	40,2	37,9	-2,3
	Same number of employees	47,3	43,7	-3,6
	Fewer employees	11,2	17,2	+6,0
	Net (More employees – Fewer employees)	29,0	20,7	-8,3
	Sample	507	548	

### Question 36: BUSINESS LEADERS

Are you experiencing (or have you recently experienced) a sharper increase in costs than usual, for instance due to increased prices of input goods?

*(The question is new in Q1 2022)*

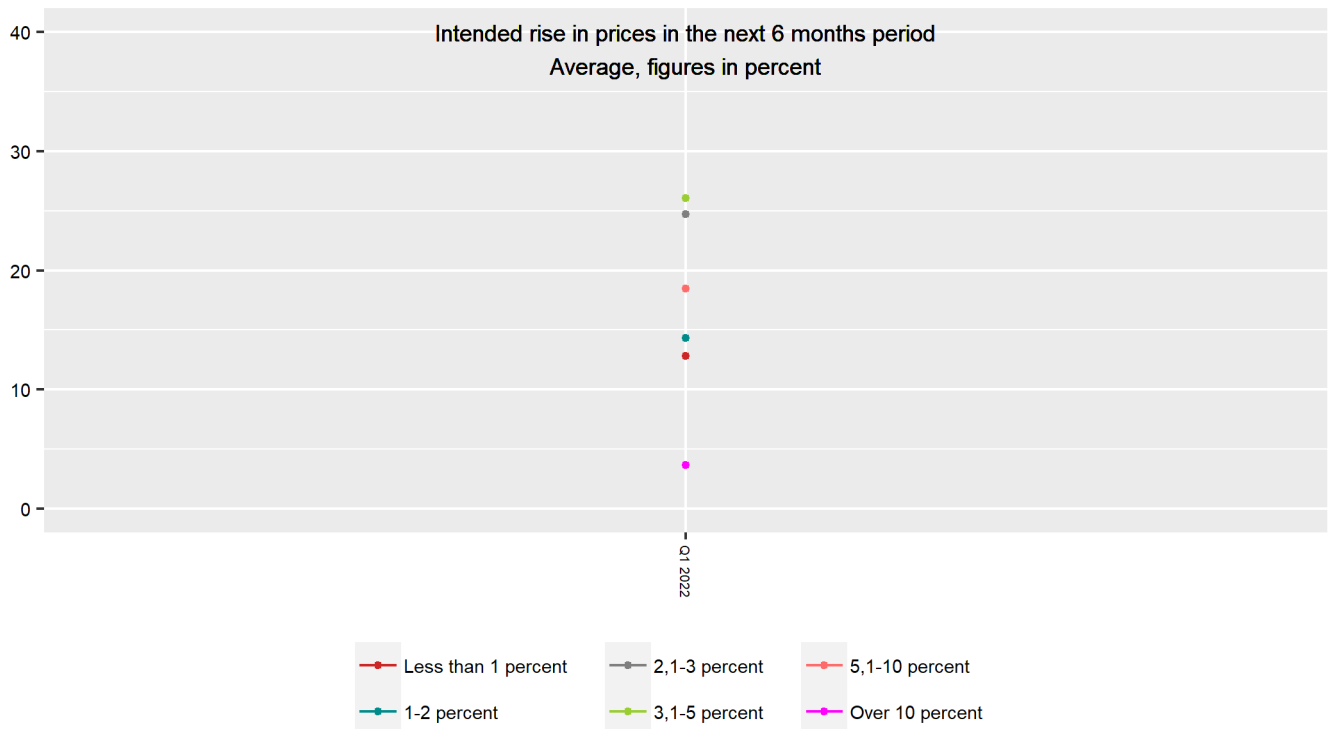


		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Yes		83,8	
	No		16,2	
	Sample	0	274	
Businesses with more than 50 employees	Yes		80,9	
	No		19,1	
	Sample	0	274	
Business leaders in total	Yes		82,4	
	No		17,6	
	Sample	0	548	



### Question 37: BUSINESS LEADERS

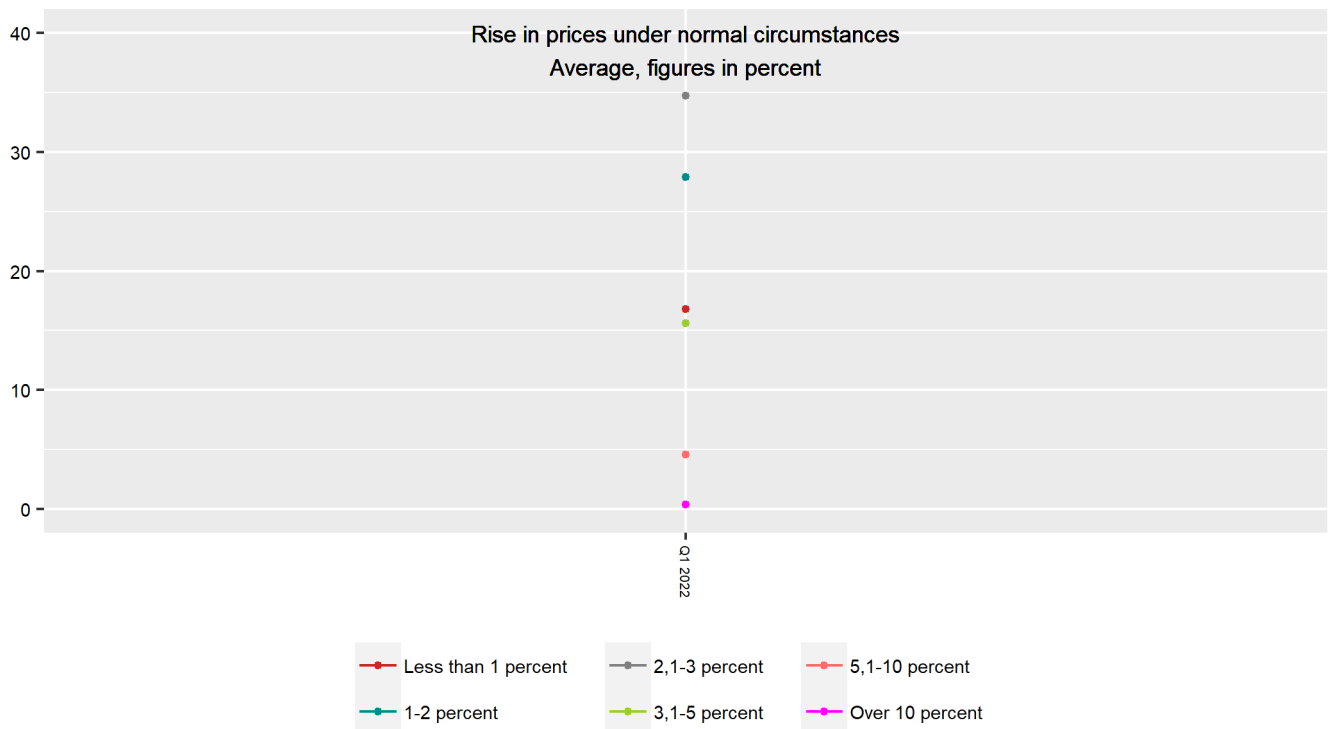
How much do you intend to increase prices over the next 6 months period?  
 (The question is new in Q1 2022)



		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Less than 1 percent		12,6	
	1-2 percent		16,3	
	2,1-3 percent		25,5	
	3,1-5 percent		24,1	
	5,1-10 percent		18,6	
	Over 10 percent		2,8	
	Sample	0	230	
Businesses with more than 50 employees	Less than 1 percent		13,0	
	1-2 percent		12,3	
	2,1-3 percent		23,9	
	3,1-5 percent		28,0	
	5,1-10 percent		18,3	
	Over 10 percent		4,4	
Sample	0	222		
Business leaders in total	Less than 1 percent		12,8	
	1-2 percent		14,3	
	2,1-3 percent		24,7	
	3,1-5 percent		26,0	
	5,1-10 percent		18,5	
	Over 10 percent		3,6	
Sample	0	451		

### Question 38: BUSINESS LEADERS

How much would you have increased prices under normal circumstances in the next 6 months period?  
 (The question is new in Q1 2022)

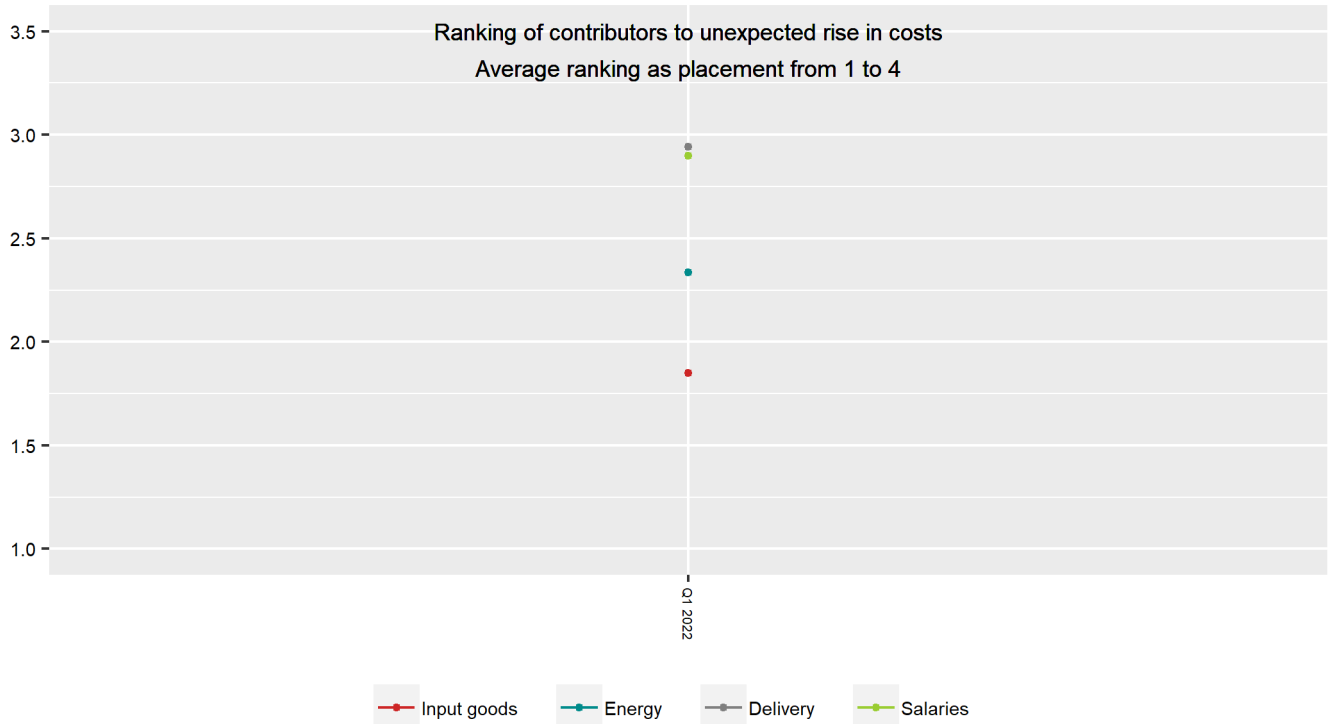


		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Less than 1 percent		18,0	
	1-2 percent		22,2	
	2,1-3 percent		36,3	
	3,1-5 percent		19,5	
	5,1-10 percent		3,9	
	Over 10 percent		0,0	
	Sample	0	230	
Businesses with more than 50 employees	Less than 1 percent		15,5	
	1-2 percent		33,8	
	2,1-3 percent		33,1	
	3,1-5 percent		11,6	
	5,1-10 percent		5,3	
	Over 10 percent		0,7	
	Sample	0	222	
Business leaders in total	Less than 1 percent		16,8	
	1-2 percent		27,9	
	2,1-3 percent		34,7	
	3,1-5 percent		15,6	
	5,1-10 percent		4,6	
	Over 10 percent		0,4	
	Sample	0	451	

### Question 39: BUSINESS LEADERS

What are the contributors to the unexpected rise in costs? Rank the relevant ones from 1 and up, where 1 is the factor that contributes the most and 4 the least.

(The question is new in Q1 2022)



		4. Q. 2021	1. Q. 2022	CHANGE
Businesses with fewer than 50 employees	Average ranking, input goods		1,8	
	Average ranking, energy		2,4	
	Average ranking, delivery		3,0	
	Average ranking, salaries		2,7	
	Sample		230	
Businesses with more than 50 employees	Average ranking, input goods		1,9	
	Average ranking, energy		2,2	
	Average ranking, delivery		2,8	
	Average ranking, salaries		3,1	
	Sample		222	
Business leaders in total	Average ranking, input goods		1,9	
	Average ranking, energy		2,3	
	Average ranking, delivery		2,9	
	Average ranking, salaries		2,9	
	Sample		451	

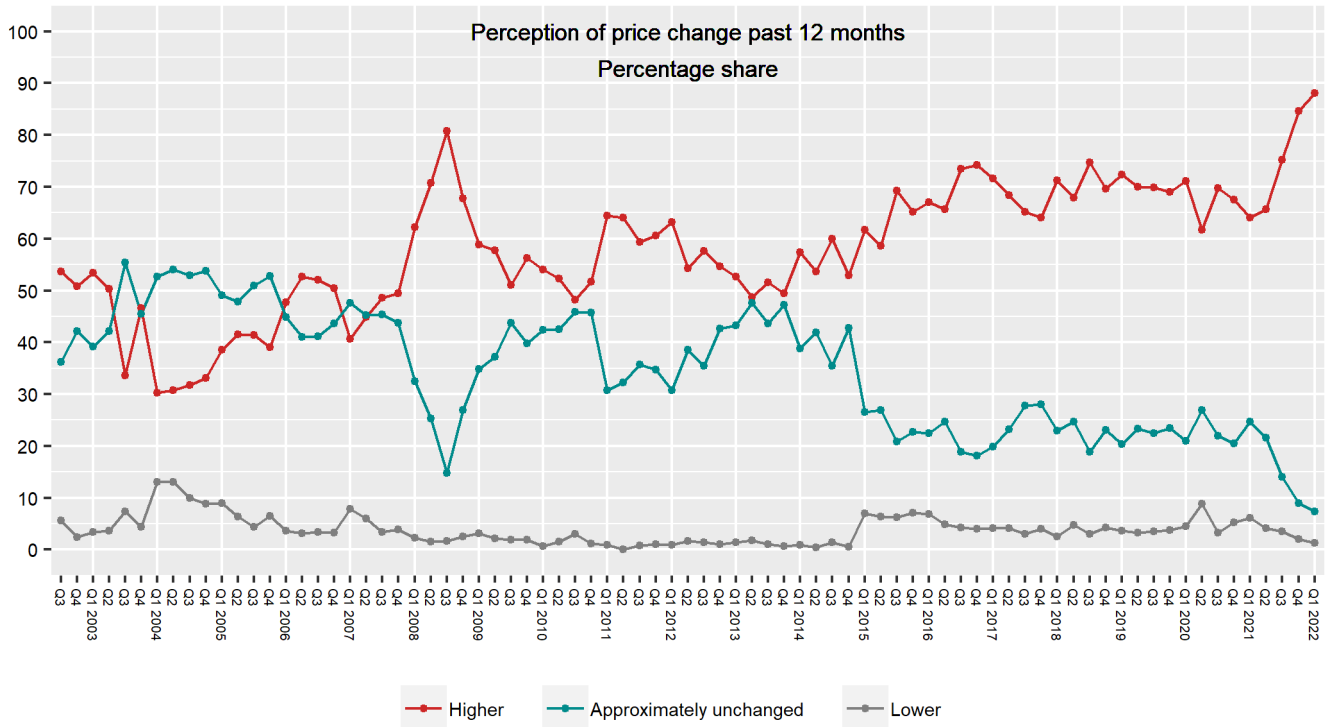
# RESULTS

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## HOUSEHOLDS

## Question 26: HOUSEHOLDS

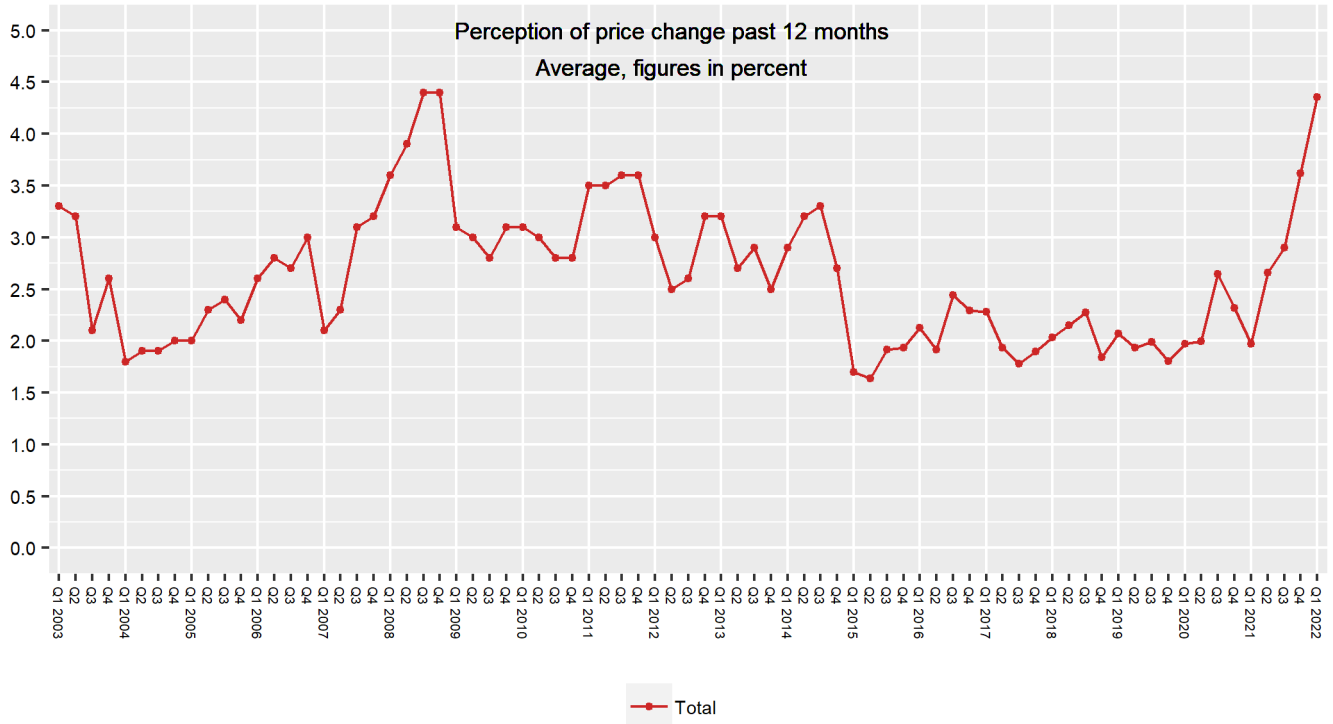
Compared with 12 months ago, do you think that prices for goods and services, as measured by the consumer price index (CPI), are now higher, approximately unchanged or lower?  
 (The question was marginally changed from Q1 2015 – see technical comment)<sup>8</sup>



		4. Q. 2021	1. Q. 2022	CHANGE
Households	Higher	84,6	88,1	+3,5
	Approximately unchanged	8,9	7,4	-1,5
	Lower	2,1	1,3	-0,8
	Sample	1003	1001	

## Question 27: HOUSEHOLDS

About how much higher/lower, measured in percent?  
 (The question was marginally changed from Q1 2015 – see technical comment)<sup>9</sup>



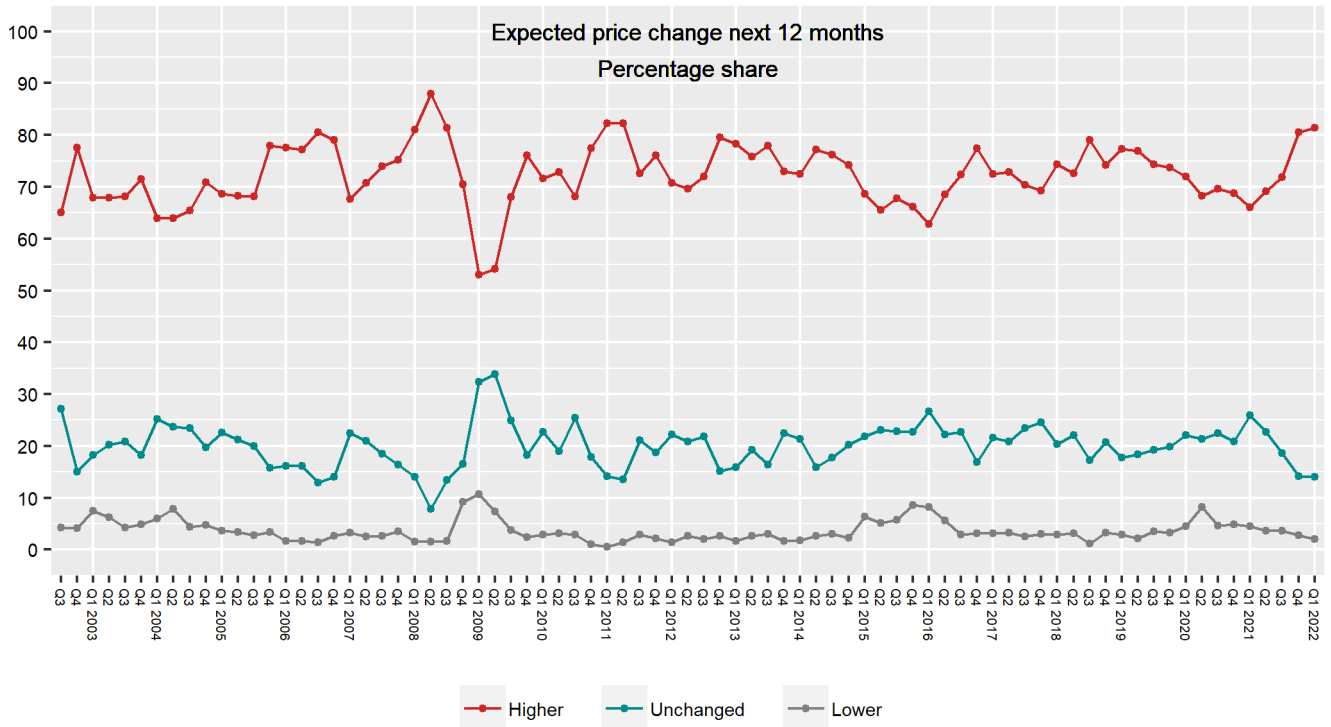
		4. Q. 2021	1. Q. 2022	CHANGE
Households	Average	3,6	4,4	+0,8
	Weighted median	3,0	4,0	
	Unweighted median	3,0	4,0	
	Lowest value	-6,7	-10,0	
	Highest value	11,0	11,0	
	Sample	673	730*	

\*n=1001. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=195, extreme values n=77.

NB: The method for calculating the mean for historical figures in the period of 2015 – 2017 has been changed. The result presented in the graph above is comparable with the previous result. Results published in the period of 2015 – 2017 are changed to include those who answer “approximately unchanged” to question 25 with the value “0” in the mean calculation. See technical comment on page 50 for households for further description.

## Question 28: HOUSEHOLDS

Do you think that over the next 12 months, prices for goods and services, as measured by the consumer price index (CPI), will be higher, unchanged or lower than they are currently?  
 (The question was marginally changed from Q1 2015 – see technical comment)<sup>10</sup>

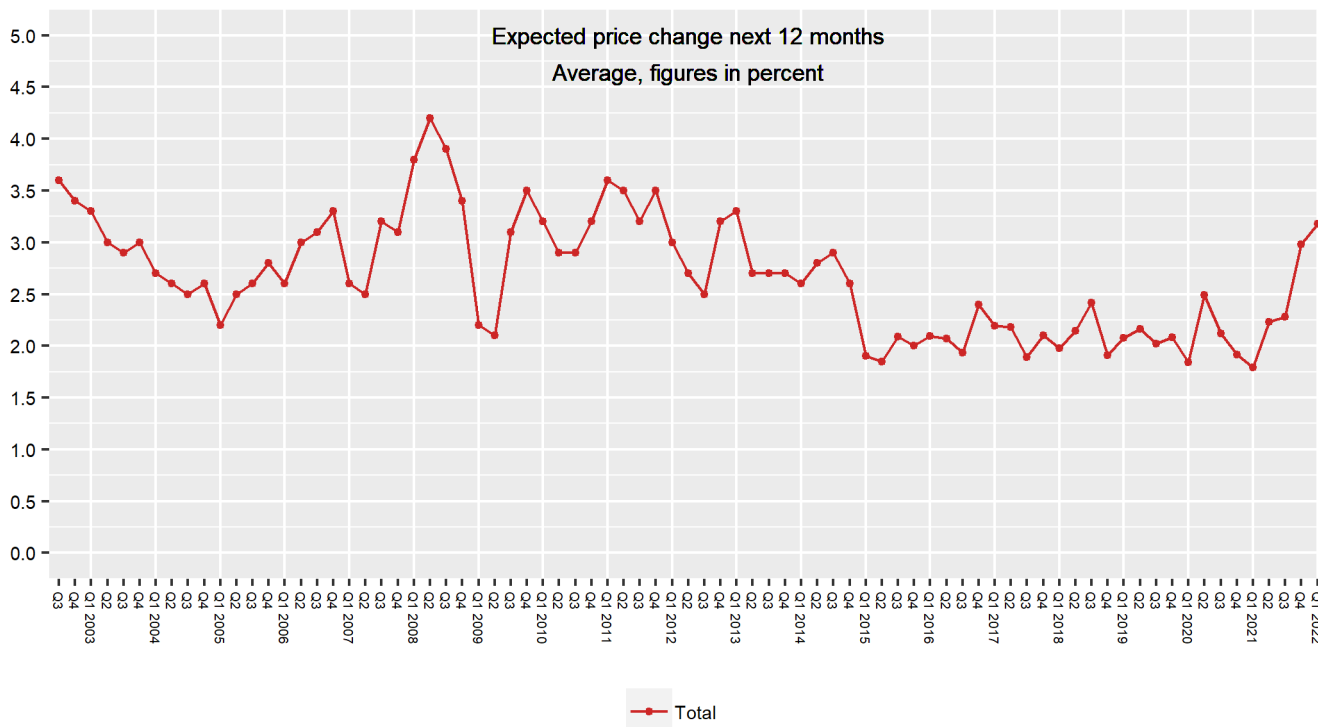


		4. Q. 2021	1. Q. 2022	CHANGE
Households	Higher	80,6	81,5	+0,9
	Unchanged	14,1	14,1	0,0
	Lower	2,8	2,1	-0,7
	Sample	1003	1001	

## Question 29: HOUSEHOLDS

About how much higher/lower, measured in percent?

(The question was marginally changed from Q1 2015 – see technical comment)<sup>11</sup>



		4. Q. 2021	1. Q. 2022	CHANGE
<b>Households</b>	Average	3,0	3,2	+0,2
	Weighted median	2,5	3,0	
	Unweighted median	3,0	3,0	
	Lowest value	-10,0	-10,0	
	Highest value	10,0	10,0	
	Sample	731	756*	

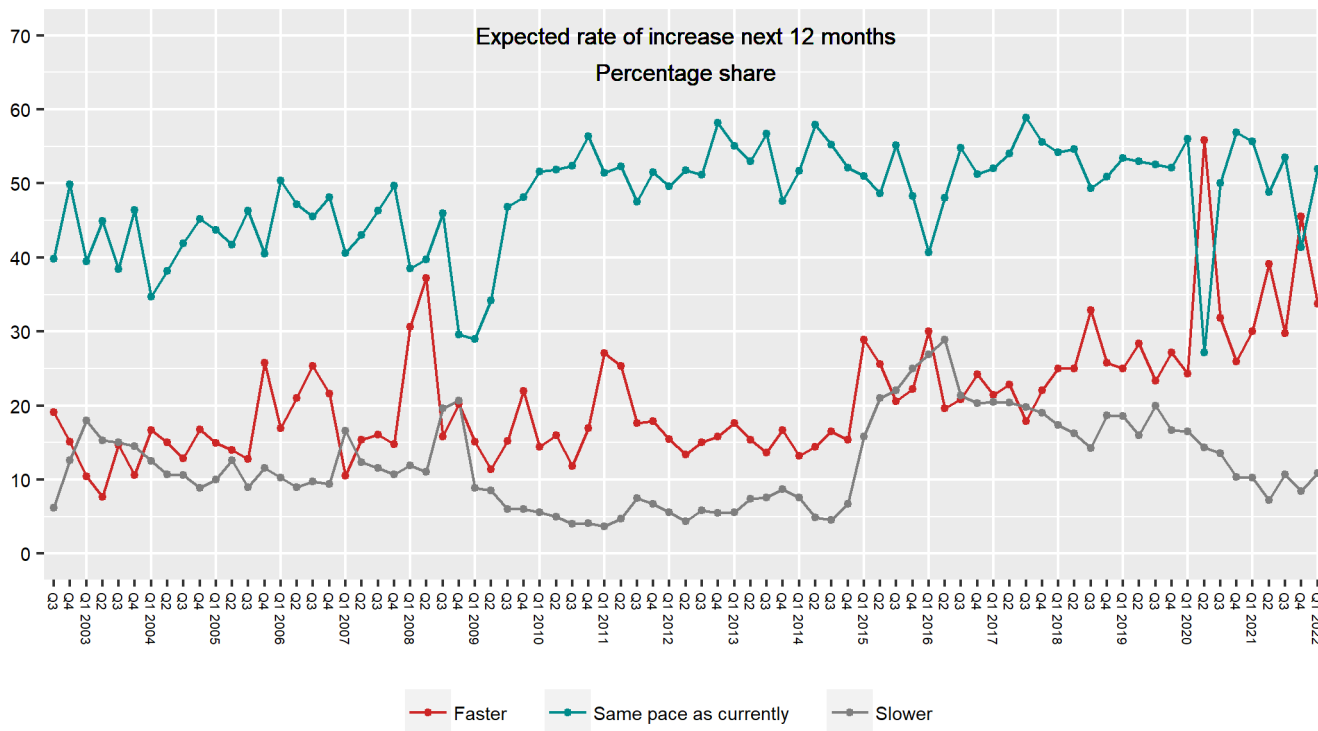
\*n=1001. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=174, extreme values n=71.

NB: The method for calculating the mean for historical figures in the period of 2015 – 2017 has been changed. The result presented in the graph above is comparable with the previous result. Results published in the period of 2015 – 2017 have been changed to include those who respond “unchanged” to question 27 with the value “0” in the mean calculation. See technical comment on page 51 for households for further description.



### Question 30: HOUSEHOLDS

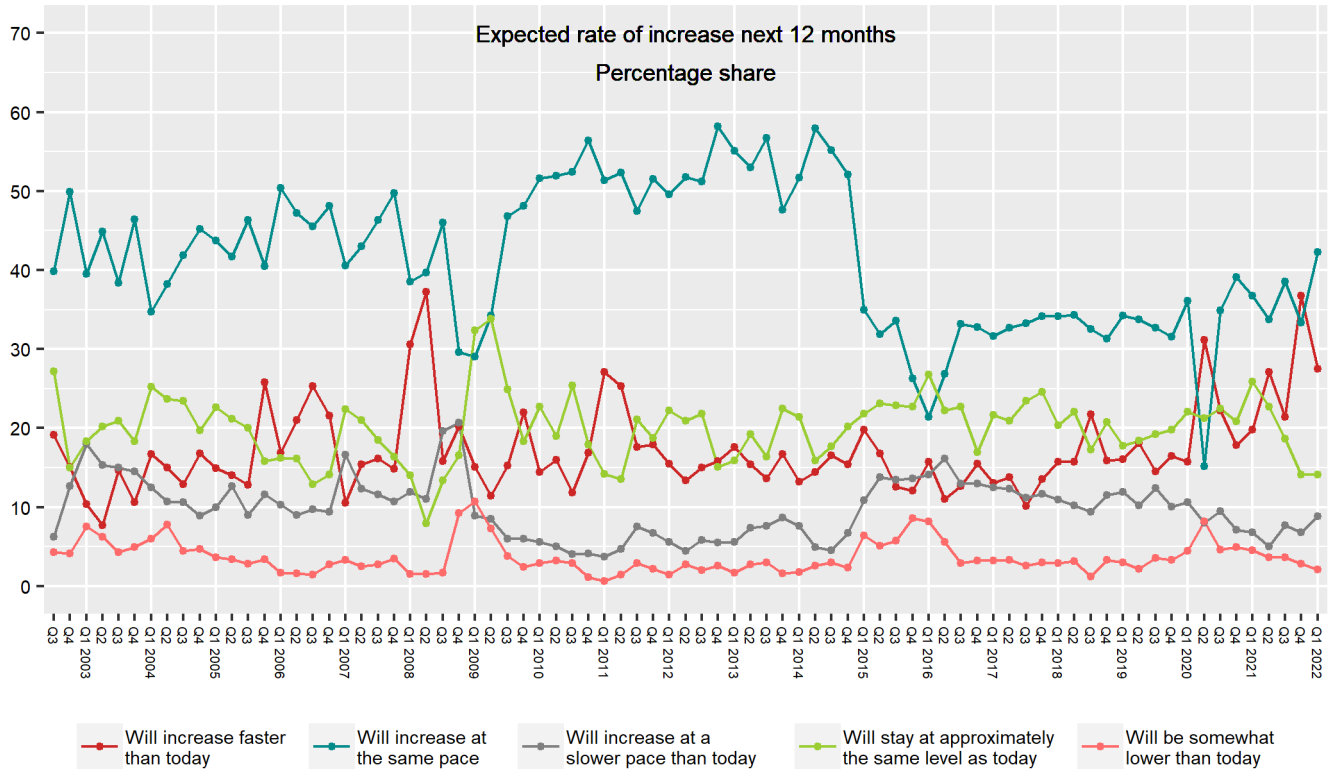
Will prices rise faster, at the same pace as currently, or more slowly? (If answered higher on question 28)  
 (The question was marginally changed from Q1 2015 – see technical comment)<sup>12</sup>



		4. Q. 2021	1. Q. 2022	CHANGE
Households	Faster	45,6	33,8	-11,8
	Same pace as currently	41,4	51,9	+10,5
	Slower	8,5	10,8	+2,3
	Sample	808	815	

### Question 31: HOUSEHOLDS

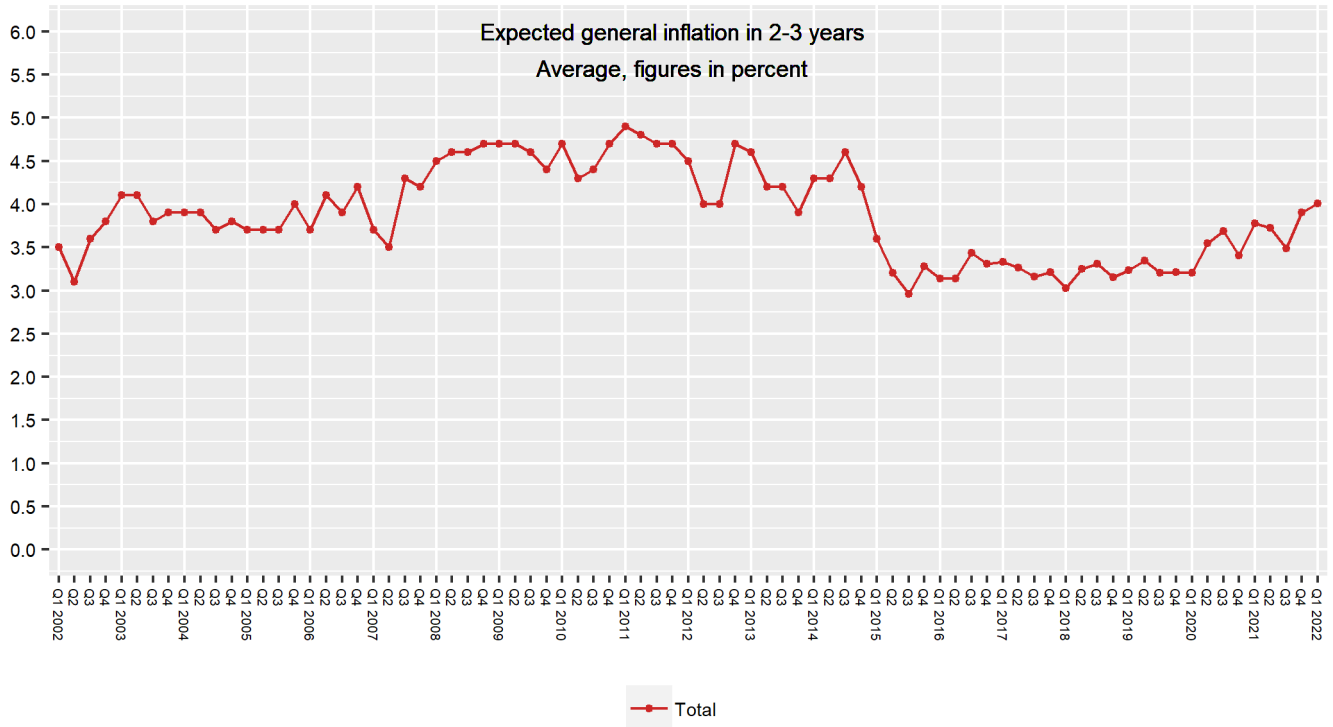
The graph below illustrates households' expected change in prices over the next 12 months. The graphics are made by a combination of answers to questions 28 and 30.



	4. Q. 2021	1. Q. 2022	CHANGE	
Households	Will increase faster than today	36,7	27,5	-9,2
	Will increase at the same pace as today	33,3	42,3	+9,0
	Will increase at a slower pace than today	6,8	8,8	+2,0
	Will stay at approximately the same level as today	14,1	14,1	0,0
	Will be somewhat lower than today	2,8	2,1	-0,7
Sample	1003	1001		

### Question 32: HOUSEHOLDS

How much do you think prices for goods and services, as measured by the consumer price index (CPI), will rise annually in two to three years, in percent?  
 (The question was marginally changed from Q1 2015 – see technical comment)<sup>13</sup>



		4. Q. 2021	1. Q. 2022	CHANGE
Households	Average	3,9	4,0	+0,1
	Weighted median	3,0	3,0	
	Unweighted median	3,0	3,0	
	Lowest value	-5,0	0,0	
	Highest value	11,0	10,0	
	Sample	665	686*	

\*n=1001. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=237, extreme values n=78.

### Question 33: HOUSEHOLDS

Compared with 12 months ago, by how much do you think your wages or pension has changed in percent?



		4. Q. 2021	1. Q. 2022	CHANGE
Households	Average	1,9	2,2	+0,3
	Weighted median	2,0	2,0	
	Unweighted median	2,0	2,0	
	Lowest value	-10,0	-10,0	
	Highest value	10,0	10,0	
	Sample	757	758*	

\*n=1001. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=163, extreme values n=80.

### Question 34: HOUSEHOLDS

By approximately how much do you think your wages or pension will change in percent over the next 12 months?

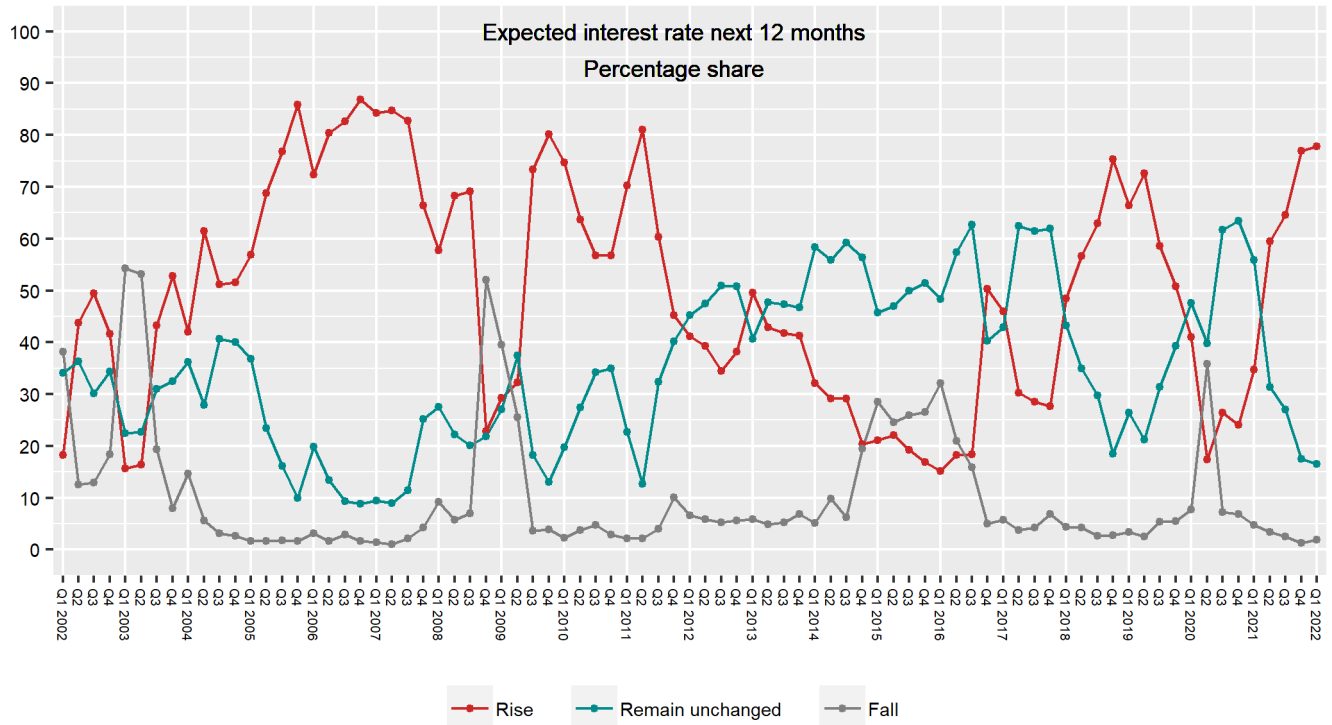


		4. Q. 2021	1. Q. 2022	CHANGE
Households	Average	2,3	2,5	+0,2
	Weighted median	2,0	2,0	
	Unweighted median	2,0	2,5	
	Lowest value	-10,0	-10,0	
	Highest value	10,0	10,0	
	Sample	802	798*	

\*n=1001. The presented sample exclude respondents who answered: Don't know/Do not want to answer n=129, extreme values n=75.

### Question 35: HOUSEHOLDS

Do you think that over the next 12 months, the level of deposit and lending rates will rise, remain unchanged or fall?



		4. Q. 2021	1. Q. 2022	CHANGE
Households	Rise	77,0	77,7	+0,7
	Remain unchanged	17,5	16,5	-1,0
	Fall	1,3	1,9	+0,6
	Sample	1003	1001	

## Technical comments – Economists and social partners

<b>SAMPLE AND SAMPLING METHOD</b>	The sample consists of experts in the financial industry, academia and social partners, enrolled by Ipsos through email and from respondent lists from the previously conducted surveys. The lists are corrected for respondents who are no longer relevant, or no longer wish to participate.
<b>NUMBER OF INTERVIEWS</b>	In this survey, a total of 80 interviews are conducted among economists within academia and the financial industry, as well as representatives of the social partners. The survey includes 45 interviews with economists and 35 interviews with representatives of the social partners.
<b>WEIGHT</b>	The results in this survey are not weighted.
<b>METHOD OF DATA COLLECTION</b>	The fieldwork is done online. Respondents are invited to participate by email.
<b>PERIOD OF DATA COLLECTION</b>	The fieldwork was conducted in the period 20 January – 8 February 2022.
<b>AVERAGE AND MEDIAN</b>	Respondents who answered “I don’t know” are not included in the calculation of average and/or median.
<b>EXTREME OBSERVATIONS</b>	Extreme observations over 8 per cent (absolute value) are excluded from the presentation of the average figures for price and wage inflation.
<b>MARGIN OF ERROR</b>	The results must be interpreted within a margin of error of +/- 6.2–14.1 percentage points for the main frequencies. The margin of error for sub-groups and possible contingency tables are greater.

### Changes in the questionnaire (2015–2020)

<sup>1</sup>: Until Q1 2020, questions 1-3 and 9-11 have had the following follow up question: “How likely do you think it is that the general rise in prices for goods and services in (12 months / 2 years / 5 years), as measured by the 12-month change in the consumer price index (CPI) , will be within the following 6 intervals (your answers should sum to 100%): Higher than 4%, From 3% to 4%, From 2,5% to 3%, From 2% to 2,5%, From 1% to 2%, Lower than 1%.” The results from the follow up question have not been published in the report. The follow up question have been removed as of Q1 2020.

## Technical comments – Business leaders

<b>SAMPLE AND SAMPLING METHOD</b>	The sample consists of a representative sample of CEOs, CFOs and purchasing managers in Norwegian businesses with 20 employees or more. The sample comes from a pre-recruited panel. All interviews are done online.
<b>NUMBER OF INTERVIEWS</b>	A total of 548 (weighted) interviews have been conducted among business leaders, of which 274 (weighted) are for businesses with 50 employees or more, and 274 (weighted) are for businesses with less than 50 employees.
<b>WEIGHT</b>	The results in this survey are weighted based on the following variables: geography (region), sector (industry), and number of employees in the business. Weighted base is presented in the report.
<b>METHOD OF DATA COLLECTION</b>	The fieldwork is done online. Respondents are invited to participate by email/SMS.
<b>PERIOD OF DATA COLLECTION</b>	The fieldwork was conducted in the period 19 January – 4 February 2022.
<b>AVERAGE AND MEDIAN</b>	Respondents who answered “I don’t know” are not included in the calculation of average and/or median.
<b>EXTREME OBSERVATIONS</b>	Extreme observations over 11 per cent (absolute value) are excluded from the presentation of the average figures for price and wage inflation.
<b>MARGIN OF ERROR</b>	The results must be interpreted within a margin of error of +/- 1.9–4.5 percentage points for the main frequencies. The margin of error for subgroups and possible contingency tables are greater.

### Changes in the questionnaire (2015–2022)

<sup>2</sup> Question 15 was introduced Q3 2020. All question numbers are adjusted between the quarters.

<sup>3</sup> Question 17 changed from «What do you think the general rise in prices will be in two years?» to «What do you think the general rise in prices for goods and services will be in two years, as measured by the consumer price index?» (1. Q. 2015)

<sup>4</sup> Question 22 changed from «Over the past 12 months, has the profitability of your business improved, remained unchanged or weakened?» to «Over the past 12 months, has the profitability of your business, as measured by the operating margin (EBITDA), improved, remained unchanged or weakened?» (1. Q. 2015)

<sup>5</sup> Question 23 changed from «Do you think that over the next 12 months, the profitability of your business will improve, remain unchanged or weaken?» to «Do you think that over the next 12 months, the profitability of your business, as measured by the operating margin (EBITDA), will improve, remain unchanged or weaken?» (1. Q. 2015)

<sup>6</sup> Question 24 changed from «Compared with 1 year earlier, does your business currently have more employees, the same number of employees or fewer employees?» to «Compared with 12 months earlier, does your business currently have more employees, the same number of employees or fewer employees?» (1. Q. 2015)

<sup>7</sup> Until Q1 2020, question 16 and 17 have had the following follow up question: “How likely do you think it is that the general rise in prices for goods and services in (12 months / 2 years), as measured by the 12-month change in the consumer price index (CPI), will be within the following 6 intervals (your answers should sum to 100%): Higher than 4%, From 3% to 4%, From 2,5% to 3%, From 2% to 2,5%, From 1% to 2%, Lower than 1%”. The results from the follow up question have not been published in the report. The follow up question has been removed as of Q1 2020.

<sup>8</sup> Questions 36 and 37 were introduced in Q4 2020. With regard to data processing, these have been given numbers 36 and 37 and therefore do not follow the remaining question numbering.

<sup>9</sup> New questions added in Q1 2022, and are presented as questions 36, 37, 38 and 39.



## Technical comments – Households

<b>SAMPLE AND SAMPLING METHOD</b>	The survey is conducted with a representative sample of private individuals over 15 years, drawn randomly from Norway's population. Interviews conducted on landline account for 2 per cent, and interviews conducted on mobile phone account for 98 per cent.
<b>NUMBER OF INTERVIEWS</b>	A total of 1001 interviews (weighted) among Norwegian households.
<b>WEIGHT</b>	The results in this survey are weighted based on the following variables: geography (region), age and gender. Weighted base is presented in the report.
<b>METHOD OF DATA COLLECTION</b>	The fieldwork is conducted by phone at Ipsos' CATI-center.
<b>PERIOD OF DATA COLLECTION</b>	The fieldwork was conducted in the period 1 – 5 February 2022.
<b>AVERAGE AND MEDIAN</b>	Respondents who answered "I don't know" are not included in the calculation of average and/or median.
<b>EXTREME OBSERVATIONS</b>	Extreme observations over 11 per cent (absolute value) are excluded from the presentation of the average figures for price and wage inflation.
<b>MARGIN OF ERROR</b>	The results must be interpreted within a margin of error of +/- 1.4–3.2 percentage points for the main frequencies. The margin of error for sub-groups and possible contingency tables are greater.

### Changes in the questionnaire (2015–2021)

<sup>9</sup> Question 26 changed from «Compared with 12 months ago, do you think that prices for goods and services are now much higher, somewhat higher, slightly higher, approximately unchanged and lower» to «Compared with 12 months ago, do you think that prices for goods and services, as measured by the consumer price index, are now higher, approximately unchanged or lower?» (1. Q. 2015)

<sup>10</sup> Question 27 changed from «By about how much do you think prices have changed measured in per cent?» to «About how much higher/lower, measured in per cent?». Question 27 is put to those who answered to question 26 that they think prices for goods and services, as measured by the consumer price index, are now higher, approximately unchanged or lower. (1. Q. 2015)

<sup>11</sup> Question 28 changed from «Do you think that over the next 12 months, prices for goods and services will be higher, unchanged or lower than they are currently?» to «Do you think that over the next 12 months, prices for goods and services, as measured by the consumer price index, will be higher, unchanged or lower than they are currently?» (1. Q. 2015)

<sup>12</sup> Question 29 changed from «By about how much do you think prices will change in the next 12 months, measured in per cent?» to «About how much higher/lower, measured in per cent?». Question 29 is put to those who answered to question 28 that, over the next 12 months, they expect the prices for goods and services, as measured by the consumer price index, to be higher, unchanged or lower than they are currently. (1. Q. 2015)

<sup>13</sup> Question 30 changed from «If higher: Will prices rise faster, at the same pace as currently, or more slowly?» to «Will prices rise faster, at the same pace as currently, or more slowly (If answered higher to question 28)?» (1. Q. 2015)

<sup>14</sup> Question 32 changed from «How much do you think prices for goods and services will rise annually in two to three years, in per cent?» to «How much do you think prices for goods and services, as measured by the consumer price index, will rise annually in two to three years, in per cent?» (1. Q. 2015)

<sup>15</sup> Until Q1 2020, question 26, 28 and 32 have had the following follow up question: "You answered that the prices (have increased by X% / have fallen approximately X% / are approximately unchanged) ... (text from question 26, 28 and 32). On a scale from 1 to 4, where 1 is very unsure and 4 is very sure, how sure do you feel that you will be right?" The

results from the follow up question have not been published in the report. The follow up question has been removed as of Q1 2020.

<sup>16</sup> New questions added in Q2 2021, and presented as question 38, 39 and 40. These are later removed.

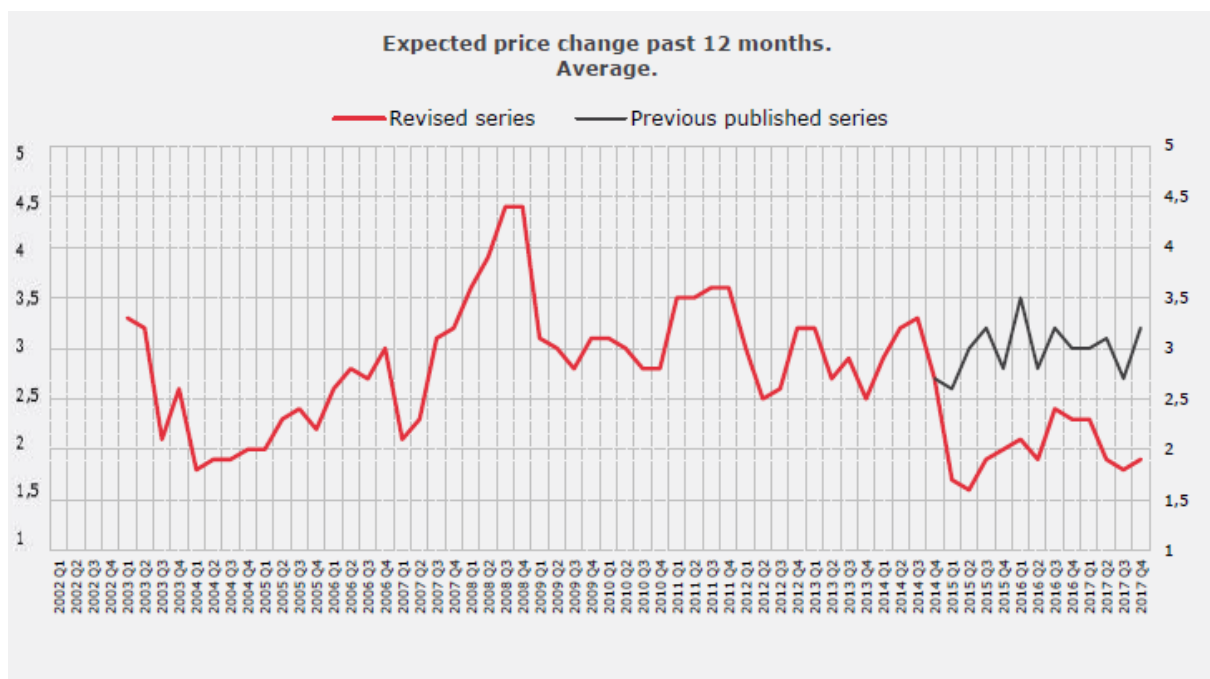
## Technical comments – Households

Question 27: By about how much do you think prices have changed measured in per cent?  
 (Comparison of differences in published average for question 26 in the period of 2015 - 2017)

The method for calculating the mean for historical figures in the period of 2015-2017 has been changed; the figures presented in the graph below as “Revised series” are comparable with the results published for the period before 2015.

Results published in the period of 2015-2017 as “Revised series” include those who answer “approximately unchanged” to question 25 as “0” in the mean calculations for question 26.

Results published in the period of 2015-2017 as “the previous published series” do not include those who answer “approximately unchanged” to question 26 as “0” in the mean calculation for question 27.



## Technical comments - Households

Question 29: About how much higher/lower, measured in per cent?

(Comparison of differences in published average for question 28 in the period of 2015-2017)

The method for calculating the mean for historical figures in the period 2015-2017 has been changed; the figures presented in the graph below as “Revised series” are comparable with the results published for the period before 2015.

Results in the period of 2015-2017 as “Revised series” include those who answer “unchanged” to question 27 as “0” in the mean calculation for question 28.

Results published in the period of 2015-2017 as “the previous published series” do not include those who answer “unchanged” to question 28 as “0” in the mean calculation for question 29.

