

January 2016: January 20, 2016

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Press Release

Questions will be answered by Emelie Alm, +46 (0)765 36 21 19.

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TNS Sifo Prospera has been commissioned by Sveriges Riksbank (Central Bank of Sweden) to undertake a series of surveys, twelve times a year, aiming at mapping money market players' expectations of inflation, GDP and future repo rates in Sweden as well as expectations of the Swedish 5 year government bond rate, EUR and USD rates.

The latest survey in the series, January 2016, has now been completed. The previous survey, December 2015, was published December 9, 2015.

A comparison of the results of the two surveys covering money market players can be summarised as follows (rounded off figures):

Money Market Players' Expectations of

| | Ye | ar 1 | Ye | ar 2 | Year 5 | | |
|---------------|--------|--------|--------|--------|--------|--------|--|
| <u>Annual</u> | Jan 16 | Dec 15 | Jan 16 | Dec 15 | Jan 16 | Dec 15 | |
| Inflation, % | 1,1 | 1,2 | 1,6 | 1,6 | 1,9 | 1,8 | |
| GDP, % | 3,2 | 3,0 |) 🛚 | 2,6 | 2,4 | 2,3 | |

| | 3 m | onths | 12 months | | 24 n | nonths | 60 months | | |
|-------------------------|--------|--------|-----------|--------|--------|--------|-----------|--------|--|
| | Jan 16 | Dec 15 | Jan 16 | Dec 15 | Jan 16 | Dec 15 | Jan 16 | Dec 15 | |
| Repo rate, % | -0,4 | -0,4 | -0,3 | -0,3 | 0,5 | 0,3 | 1,9 | 1,8 | |
| 5 year gvt bond rate, % | 0,2 | 0,1 | 0,5 | 0,5 | 1,2 | 1,1 | 2,3 | 2,2 | |
| EUR | 9,24 | 9,22 | 9,08 | 9,04 | 8,91 | 8,90 | - | - | |
| USD | 8,55 | 8,76 | 8,53 | 8,63 | 8,25 | 8,41 | - | - | |

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Interview Period & Method

TNS Sifo Prospera's survey that encompasses inflation and GDP expectations was carried out January 14 – January 19, 2016 (previous survey November 23 – December 8, 2015). The part covering expectations of future repo rates, 5 year government bond rates, EUR and USD rates took place on January 14, 2016 (previous survey December 2, 2015).

The survey is carried out over the telephone. The interviewers' average experience of the survey is 10,5 years.

About the Interviewees & Response Rate

In all 50 (50) organisations were approached for interview. 3 (3) of the persons in the panel could not be reached or have denied participation, which means that there is an overall response rate of 94 % (94 %). The response rate for individual questions regarding inflation and GDP increase expectations is at least 92 % for the one year and two year assessments. For the five year assessment as well as the questions regarding reporates, 5 year government bond rates, EUR and USD rates the response rate is generally lower. (Tables 1-6)

The money market category includes 44 Swedish and 6 international players active in the Swedish fixed income market.

Definitions

Inflation, the percentage increase in Consumer Price Index (CPI).

GDP, Gross Domestic Product, the value of all goods and services produced (by Swedish agents) in one year.

Repo rate, the Riksbank's borrowing/lending rate from/to banks for seven days' money.

Previous TNS Sifo Prospera Inflation Expectations Surveys

TNS Sifo Prospera inflation reports and tables, from 1995 and onwards, can be downloaded from http://www.prospera.se/reports/inflation-expectations

TABLE 1 - Inflation Expectations

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Expected annual increase in CPI the coming 1, 2 and 5 years

| | Mean | Median | Lowest | Highest | Standard | Standard | Responses | No Resp. | Response |
|-------------------|------------|--------|--------|---------|-----------|----------|-----------|-----------|----------|
| | (%) | (%) | (%) | (%) | Deviation | Error | (numbers) | (numbers) | Rate |
| Money Mark | et Players | | | | | | | | |
| Year 1 | 1,112 | 1,000 | 0,200 | 2,100 | 0,513 | 0,076 | 46 | 4 | 92% |
| Year 2 | 1,584 | 1,500 | 0,500 | 3,000 | 0,559 | 0,082 | 46 | 4 | 92% |
| Year 5 | 1,856 | 1,900 | 1,000 | 2,800 | 0,410 | 0,062 | 44 | 6 | 88% |

TABLE 2 - Inflation Expectations - 75% probability forecast uncertainty intervals

Expected annual increase intervals in CPI the coming 1, 2 and 5 years with a 75 % probability

| | Mean (%) | Median (%) | Lowest (%) | Highest (%) | Standard Deviation | Standard Error | Responses (numbers) | | Response Rate |
|---------------------|-------------|---------------|------------|-------------|-----------------------|-------------------|------------------------|-------------|------------------|
| Money Market | (- / | ` , | (70) | (70) | Deviation | LIIOI | (Hullibers) | (Hullibers) | Rate |
| Year 1 | , , , , | | | | | | | | |
| Lower bound | 0,531 | 0,500 | -0,500 | 1,700 | 0,510 | 0,079 | 42 | 8 | 84% |
| Upper bound | 1,445 | 1,375 | 0,500 | 3,000 | 0,574 | 0,089 | 42 | 8 | 84% |
| Year 2 | | | | | | | | | |
| Lower bound | 0,858 | 1,000 | -0,500 | 2,000 | 0,577 | 0,088 | 43 | 7 | 86% |
| Upper bound | 2,059 | 2,000 | 1,000 | 4,000 | 0,745 | 0,114 | 43 | 7 | 86% |
| Year 5 | | | | | | | | | |
| Lower bound | 1,096 | 1,000 | -0,500 | 2,000 | 0,568 | 0,089 | 41 | 9 | 82% |
| Upper bound | 2,550 | 2,500 | 1,400 | 5,000 | 0,837 | 0,131 | 41 | 9 | 82% |

TABLE 3 - GDP Increase Expectations

Expected annual increase in GDP the coming 1, 2 and 5 years

| | Mean | Median | Lowest | Highest | Standard | Standard | Responses | No Resp. | Response |
|-------------------|------------|--------|--------|---------|-----------|----------|-----------|-----------|----------|
| | (%) | (%) | (%) | (%) | Deviation | Error | (numbers) | (numbers) | Rate |
| Money Mark | et Players | | | | | | | | |
| Year 1 | 3,165 | 3,000 | 1,500 | 5,100 | 0,616 | 0,091 | 46 | 4 | 92% |
| Year 2 | 2,752 | 2,750 | 1,500 | 5,500 | 0,664 | 0,098 | 46 | 4 | 92% |
| Year 5 | 2,391 | 2,450 | 0,500 | 4,000 | 0,631 | 0,095 | 44 | 6 | 88% |

TABLE 4 - Repo Rate Expectations

Expected repo rate the coming 3-60 months

| | Mean | Median | Lowest | Highest | Standard | Standard | Responses | No Resp. | Response |
|-------------------|------------|--------|--------|---------|-----------|----------|-----------|-----------|----------|
| | (%) | (%) | (%) | (%) | Deviation | Error | (numbers) | (numbers) | Rate |
| Money Mark | et Players | | | | | | | | |
| 3 months | -0,379 | -0,350 | -0,500 | -0,350 | 0,047 | 0,008 | 36 | 14 | 72% |
| 12 months | -0,275 | -0,350 | -0,650 | 0,000 | 0,171 | 0,028 | 36 | 14 | 72% |
| 24 months | 0,490 | 0,500 | -0,450 | 2,000 | 0,625 | 0,106 | 35 | 15 | 70% |
| 60 months | 1,892 | 2,000 | -0,150 | 3,500 | 0,888 | 0,157 | 32 | 18 | 64% |

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TABLE 5 - Repo Rate Expectations - 75% probability forecast uncertainty intervals

Expected repo rate intervals the coming 3-60 months with a 75 % probability

| | Mean (%) | Median (%) | Lowest (%) | Highest (%) | Standard Deviation | Standard Error | Responses (numbers) | No Resp. (numbers) | Response Rate |
|----------------|-------------|------------|------------|-------------|--------------------|-------------------|---------------------|--------------------|------------------|
| Money Market I | | | (70) | (70) | Deviation | LIIOI | (Hullibers) | (Hullibers) | Rate |
| 3 months | - | | | | | | | | |
| Lower bound | -0,444 | -0,450 | -0,600 | -0,350 | 0,072 | 0,013 | 32 | 18 | 64% |
| Upper bound | -0,320 | -0,350 | -0,450 | 0,400 | 0,136 | 0,024 | 32 | 18 | 64% |
| 12 months | | | | | | | | | |
| Lower bound | -0,463 | -0,450 | -0,750 | -0,250 | 0,116 | 0,020 | 32 | 18 | 64% |
| Upper bound | -0,070 | -0,050 | -0,450 | 0,500 | 0,261 | 0,046 | 32 | 18 | 64% |
| 24 months | | | | | | | | | |
| Lower bound | -0,059 | -0,250 | -0,750 | 1,300 | 0,492 | 0,087 | 32 | 18 | 64% |
| Upper bound | 0,900 | 0,750 | -0,450 | 3,000 | 0,848 | 0,150 | 32 | 18 | 64% |
| 60 months | | | | | | | | | |
| Lower bound | 0,914 | 1,000 | -0,500 | 3,000 | 0,817 | 0,154 | 28 | 22 | 56% |
| Upper bound | 2,952 | 3,000 | 0,750 | 6,000 | 1,195 | 0,226 | 28 | 22 | 56% |

TABLE 6 - 5 year Government Bond Rate, EUR and USD rates

Expected 5 year government bond rate, EUR and USD rates the coming 3-24 months Money Market Players $\,$

| | Mean M | 1edian L | .owest | Highest | Standard Deviation | Standard Error | Responses (numbers) | | Response Rate |
|--------------------|---------------------|----------|--------|---------|--------------------|-------------------|---------------------|----|------------------|
| 5 YEAR GOVE | OVERNMENT BOND RATE | | | | | | | | |
| 3 months | 0,164 | 0,100 | 0,000 | 0,650 | 0,140 | 0,026 | 29 | 21 | 58% |
| 12 months | 0,521 | 0,500 | 0,100 | 1,200 | 0,289 | 0,054 | 29 | 21 | 58% |
| 24 months | 1,233 | 1,000 | 0,150 | 4,000 | 0,780 | 0,145 | 29 | 21 | 58% |
| 60 months | 2,348 | 2,200 | 0,400 | 4,500 | 1,002 | 0,186 | 29 | 21 | 58% |
| EUR/SEK | | | | | | | | | |
| 3 months | 9,243 | 9,250 | 8,900 | 9,400 | 0,104 | 0,018 | 34 | 16 | 68% |
| 12 months | 9,076 | 9,000 | 8,700 | 9,750 | 0,216 | 0,037 | 34 | 16 | 68% |
| 24 months | 8,913 | 8,900 | 8,200 | 10,000 | 0,321 | 0,056 | 33 | 17 | 66% |
| USD/SEK | | | | | | | | | |
| 3 months | 8,549 | 8,500 | 8,170 | 9,000 | 0,182 | 0,031 | 34 | 16 | 68% |
| 12 months | 8,528 | 8,540 | 7,500 | 9,350 | 0,400 | 0,069 | 34 | 16 | 68% |
| 24 months | 8,251 | 8,250 | 7,000 | 9,500 | 0,543 | 0,095 | 33 | 17 | 66% |