## TNS Sifo Prospera





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# **Press Release**

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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, April 2017, has now been completed. The previous survey, March 2017, was published March 15, 2017. 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	Ye	ar 5
<u>Annual</u>			Apr 17	Mar 17	Apr 17	Mar 17	Apr 17	Mar 17
Inflation, %			1,7	1,7	1,9	1,9	2,0	2,0
GDP, %			2,7	2,7	2,4	2,3	2,3	2,2
	3 months		12 months		24 months		60 months	
	Apr 17	Mar 17	Apr 17	Mar 17	Apr 17	Mar 17	Apr 17	Mar 17
Repo rate, %	-0,5	-0,5	-0,3	-0,3	0,3	0,3	1,8	1,9
5 year gvt bond rate, %	0,1	0,1	0,4	0,5	1,0	1,0	2,2	2,2
EUR	9,46	9,45	9,25	9,19	9,05	9,03	-	-
USD	8,92	9,03	8,69	8,83	8,41	8,54	-	-

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#### **Interview Period & Method**

TNS Sifo Prospera's survey that encompasses inflation and GDP expectations was carried out March 29 – April 10, 2017 (previous survey February 27 – March 14, 2017).

The part covering expectations of future repo rates, 5 year government bond rates, EUR and USD rates took place on March 29, 2017 (previous survey March 8, 2017).

The survey is carried out over the telephone. The interviewers' average experience of the survey is 2,6 years.

#### **About the Interviewees & Response Rate**

In all 50 (50) organisations were approached for interview. 5 (7) of the persons in the panel could not be reached or have denied participation, which means that there is an overall response rate of 90 % (86 %). The response rate for individual questions regarding inflation and GDP increase expectations is at least 88 % 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 45 Swedish and 5 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 2000 and onwards, can be downloaded from http://www.prospera.se/reports/inflation-expectations

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### **TABLE 1 - Inflation Expectations**

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
<b>Money Market</b>	Players								
Year 1	1,684	1,600	1,000	2,500	0,286	0,043	44	6	88%
Year 2	1,856	1,900	1,000	2,500	0,356	0,054	44	6	88%
Year 5	2,007	2,000	1,400	2,600	0,332	0,051	42	8	84%

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
<b>Money Market</b>	, ,	. ,	( )	( - /			(	(	
Year 1									
Lower bound	1,208	1,200	0,500	2,300	0,382	0,062	38	12	76%
Upper bound	2,092	2,000	1,500	3,000	0,361	0,059	38	12	76%
Year 2									
Lower bound	1,269	1,400	0,000	2,400	0,534	0,085	39	11	78%
Upper bound	2,433	2,500	1,500	4,000	0,566	0,091	39	11	78%
Year 5									
Lower bound	1,149	1,300	-1,000	2,400	0,744	0,121	38	12	76%
Upper bound	2,788	2,550	1,700	5,500	0,762	0,124	38	12	76%

**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
<b>Money Market</b>	t Players								
Year 1	2,682	2,700	1,500	4,500	0,514	0,078	44	6	88%
Year 2	2,372	2,450	1,500	3,500	0,500	0,075	44	6	88%
Year 5	2,273	2,300	1,000	4,000	0,598	0,093	41	9	82%

**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
<b>Money Market</b>	<b>Players</b>								
3 months	-0,485	-0,500	-0,500	-0,250	0,060	0,010	34	16	68%
12 months	-0,309	-0,300	-0,500	0,250	0,220	0,038	34	16	68%
24 months	0,300	0,250	-0,500	1,000	0,407	0,070	34	16	68%
60 months	1,789	1,800	0,000	3,250	0,821	0,147	31	19	62%

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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)		Response Rate
<b>Money Mark</b>	et Players								
3 months									
Lower bound	-0,563	-0,500	-1,000	-0,500	0,120	0,022	30	20	60%
Upper bound	-0,388	-0,500	-0,500	0,000	0,192	0,035	30	20	60%
12 months									
Lower bound	-0,510	-0,500	-1,000	0,000	0,221	0,040	30	20	60%
Upper bound	-0,038	0,000	-0,500	0,750	0,285	0,052	30	20	60%
24 months									
Lower bound	-0,152	0,000	-0,750	0,750	0,390	0,072	29	21	58%
Upper bound	0,752	0,750	-0,500	2,000	0,566	0,105	29	21	58%
60 months									
Lower bound	0,848	,	-,	2,500	1,020	0,193	28	22	56%
Upper bound	2,784	2,500	0,250	6,000	1,349	0,255	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  $\,$ 

	Moon N	Andian I	owest	Highest	Standard	Standard	Responses	No Boon	Docnonco
	Mean P	reulali L	.owest	nigilest	Deviation	Error		(numbers)	
					Deviation	ELLOL	(Hullibers)	(Hullibers)	Rate
<b>5 YEAR GOVER</b>	NMENT B	OND RA	TE						
3 months	0,084	0,100	-0,100	0,500	0,116	0,021	31	19	62%
12 months	0,442	0,350	0,000	1,100	0,286	0,051	31	19	62%
24 months	1,002	0,900	0,050	2,000	0,498	0,091	30	20	60%
60 months	2,169	2,150	0,250	3,850	0,882	0,164	29	21	58%
EUR/SEK									
3 months	9,463	9,475	9,300	9,700	0,104	0,018	32	18	64%
12 months	9,247	9,250	8,800	9,800	0,183	0,032	32	18	64%
24 months	9,049	9,000	8,750	9,800	0,247	0,044	32	18	64%
USD/SEK									
3 months	8,920	8,900	8,600	9,470	0,194	0,034	32	18	64%
12 months	8,687	8,615	8,100	9,540	0,324	0,057	32	18	64%
24 months	8,411	8,340	7,500	9,750	0,530	0.094	32	18	64%