

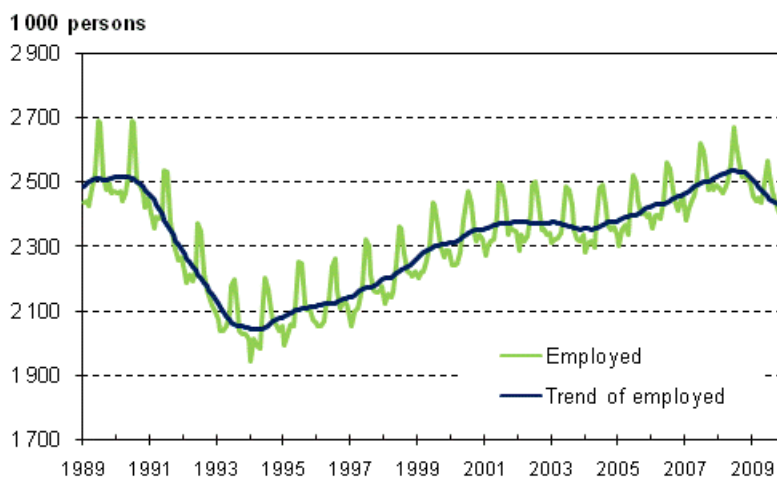
# Labour Force Statistics

2009, December and 4th quarter

## Number of employed goes on falling, growing number not in the labour force

According to the Labour Force Survey of Statistics Finland, there were 86,000 fewer persons employed in December 2009 than in December 2008. The number of unemployed persons increased by 44,000 and the unemployment rate went up by 1.8 percentage points from twelve months back. The number of persons not in the labour force was 62,000 higher in December 2009 than one year earlier. The average annual unemployment rate in 2009 was 8.2 per cent, or nearly two percentage points higher than in 2008 when it stood at 6.4 percentage points.

### Employed and trend of employed 1989/01 – 2009/12



In December 2009, the number of **employed persons** was 2,410,000, which was 86,000 lower than a year earlier. There were 62,000 fewer employed men and 24,000 fewer employed women than in December 2008. The number of wage and salary earners fell but that of self-employed persons stayed nearly unchanged. The number of employed persons decreased in the Provinces of Southern, Western and Eastern Finland.

In December, the **employment rate**, that is, the proportion of the employed among persons aged 15 to 64, stood at 67.0 per cent, which was 2.6 percentage points lower than one year before. Adjusted for seasonal and random variation, the trend of the employment rate was 67.3 per cent. Men's employment rate fell by 3.7 percentage points to 66.9 per cent and women's by 1.5 percentage points to 67.0 per cent from December of the year before.

According to the Labour Force Survey, there were 206,000 **unemployed** in December 2009, i.e. 44,000 more than one year earlier. The number of unemployed men grew by 34,000 and that of unemployed women by 11,000.

At 7.9 per cent, the **unemployment rate** was 1.8 percentage points higher in December than one year earlier. The trend of the unemployment rate was 9.0 per cent in December. The unemployment rate for men rose by 2.6 percentage points to 8.7 per cent, and that for women by 0.9 percentage points to seven per cent. In December 2009, the unemployment rate among young people aged 15 to 24 was 20.2 per cent, which was 7.8 percentage points higher than in the previous year's December. The trend of the unemployment rate among young people was 23.7 per cent. The unemployment rate was lowest in the Province of Southern Finland, where it stood at 6.3 per cent, and highest, at 10.6 per cent, in the Province of Eastern Finland.

In December 2009, there were 1,418,000 persons of working age **not in the labour force**, which was 62,000 more than one year earlier.

#### Changes in the labour force 2009/12 – 2008/12 according to Statistics Finland's Labour Force Survey

	Year/Month		Change
	2009/12	2008/12	2009/12 - 2008/12
	1000 persons		Per cent (%)
<b>Population aged 15-74</b>	4 034	4 014	0,5
<b>Labour force, total</b>	2 616	2 658	-1,6
<b>Employed, total</b>	2 410	2 497	-3,5
– employees	2 079	2 161	-3,8
– self-employed persons and unpaid family workers	332	336	-1,3
<b>Unemployed persons</b>	206	162	27,5
<b>Total persons not in labour force</b>	1 418	1 356	4,6
	Per cent (%)		Percentage points
<b>Employment rate (persons aged 15 to 64), %</b>	67,0	69,5	-2,6
<b>Unemployment rate, %</b>	7,9	6,1	1,8
<b>Labour force participation rate, %</b>	64,9	66,2	-1,4

Unrounded figures are used in the Change column.  
The data comply with the ILO/EU definition.

#### *Labour Force Survey data for the fourth quarter*

The average number of employed persons in the fourth quarter of 2009 was 2,408,000, or 102,000 lower than in the corresponding quarter of 2008. The activity groups of manufacturing (-38,000 employed) and construction (-11,000 employed) accounted for approximately one-half of the reduction in employment. Other activities where employment was clearly declining were sale of motor vehicles (-11,000 employed), wholesale trade (-10,000 employed) and professional, scientific and technical consulting (-9,000 employed).

In the last quarter of the year the average number of unemployed persons was 215,000, or 56,000 higher than in the October to December period of 2008. The unemployment rate of the last quarter of the year rose by 2.2 percentage points from the respective time period of 2008 and was 8.2 per cent, or the same as the annual average for 2009.

In the fourth quarter, the hours worked by the employed persons decreased by around 58 million, or by 5.4 per cent when compared with the respective time period of 2008. The number of hours worked per employed person fell in all quarters of 2009.

## Changes in the labour force 2009/IV–2008/IV according to Statistics Finland’s Labour Force Survey

	Year/Quarter		Change
	2009/IV	2008/IV	2009/IV - 2008/IV
	1000 persons		Per cent (%)
<b>Labour force, total</b>	2 623	2 669	-1,7
<b>Employed, total</b>	2 408	2 509	-4,1
<b>Unemployed, total</b>	215	159	35,0
– men	119	81	48,2
– women	96	79	21,6

Unrounded figures are used in the Change column.  
The data comply with the ILO/EU definition.

### *Labour Force Survey annual averages for 2009*

In 2009, the average number of **employed persons** was 2,457,000, which was 74,000 lower than in 2008. The number of employed men fell by 60,000 and that of employed women by 14,000. In 2009, the rate of employment was 68.3 per cent, having been 70.6 per cent in 2008.

The unemployment rate in 2009 was 8.2 per cent. In 2008 the unemployment rate was 6.4 per cent and in 2007 6.9 per cent. In 2009, the average number of **unemployed persons** was 221,000, which was 49,000 higher than in 2008.

The number of hours worked by employed persons was approximately 6 per cent lower in 2009 than in 2008. At the same time, the number of employed persons fell by 2.9 per cent, so the amount of labour input per employed person has contracted clearly. In 2008, the average annual number of hours worked by an employed person was 1,664, but in 2009 the respective figure was 1,611 hours per year.

Key Labour Force Survey figures for 2009 can be found in the time series tables of the Labour Force Survey at: <http://tilastokeskus.fi/til/tyti/tau.html>.

The way of publishing annual data from the Labour force Survey is being revised. The reporting of annual data will be divided between several releases, and the first one, a general overview of annual data concerning 2009 will be published on 16 February. A review of changes in working hours and employment relationships will be published in June. A printed yearbook will be published in the autumn.

### *Employment Service Statistics of the Ministry of Employment and the Economy*

At the end of December 2009, there were altogether 301,000 persons registered, in accordance with the Unemployment Security Act and the Employment Office Regulations, as job seekers at the **employment and economic development offices**. The number of unemployed job seekers was 67,000 higher than in December 2008.

Unemployment grew from the previous year in the areas of all Employment and Economic Development Centres apart from that of Kainuu. The number of unemployed job seekers increased most in Varsinais-Suomi (47%), Uusimaa (44%) and Pirkanmaa (38%). At the end of December, the number of temporarily laid off persons registered at the employment and economic development offices was 40,000, which was 17,000 higher than twelve months earlier.

The number of persons covered by labour market policy measures totalled 75,000 the end of December, which was 1,000 lower than in December of the year before. Altogether 2.9 per cent of the labour force was covered by labour market policy measures.

There were 37,000 unemployed job seekers aged under 25 registered at the employment and economic development offices. Their number was 11,000 higher than in December of the year before. During past December, 26,000 new vacancies were reported to the employment and economic development offices, which was 1,000 fewer than in December 2008.

**Changes 2009/12 – 2008/12 according to the Employment Service Statistics of the Ministry of Employment and the Economy**

	Year/Month		Change
	2009/12	2008/12	2009/12 - 2008/12
	1000 persons		Per cent (%)
<b>Unemployed job seekers</b>	301	234	28,6
– unemployed over a year	47	42	13,2
<b>Total measures</b>	75	76	–1,0
– employed with subsidised measures	31	35	–12,3
– in labour market training	29	26	12,2
– in trainee and job alternation places	15	14	2,7
<b>New vacancies at employment and economic development offices</b>	26	27	–4,5
Unrounded figures are used in the Change column.			

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## *Links*

Tables of the Labour Force Survey: [http://stat.fi/til/tyti/tau\\_en.html](http://stat.fi/til/tyti/tau_en.html)

Differences between the Labour Force Survey and the Employment Service Statistics are explained in the [quality description](#) of the Labour Force Survey.

About seasonally adjusted trend (in Finnish only): [http://tilastokeskus.fi/til/tyti/tyti\\_2007-06-19\\_men\\_003.html](http://tilastokeskus.fi/til/tyti/tyti_2007-06-19_men_003.html).

[Latest seasonally adjusted employment figures published by the EU](#) can be found under the theme of Population and social conditions on Eurostat's home page <http://epp.eurostat.ec.europa.eu>.

Job vacancy survey : [http://tilastokeskus.fi/til/atp/index\\_en.html](http://tilastokeskus.fi/til/atp/index_en.html)

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## 2009, December

### 1.1 Key indicators in the Labour Force Survey by sex 2009/12 - 2008/12

Indicator	Sex	Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Employment rate (population aged 15-64)	Both sexes	67,0	67,0	69,5	-2,6
	Males	66,9	66,9	70,6	-3,7
	Females	67,0	67,0	68,4	-1,5
Unemployment rate	Both sexes	7,9	8,5	6,1	1,8
	Males	8,7	9,3	6,0	2,6
	Females	7,0	7,7	6,1	0,9
Labour force participation rate	Both sexes	64,9	65,3	66,2	-1,4
	Males	66,4	66,8	68,1	-1,8
	Females	63,3	63,9	64,3	-1,0

### 1.2 Population aged 15-74 by labour force status and sex 2009/12 - 2008/12

Labour force status	Sex	Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		1000 persons	1000 persons	1000 persons	Per cent (%)
Population aged 15-74	Both sexes	4 034	4 033	4 014	0,5
	Males	2 019	2 018	2 008	0,5
	Females	2 015	2 015	2 006	0,5
Labour force	Both sexes	2 616	2 634	2 658	-1,6
	Males	1 340	1 347	1 368	-2,1
	Females	1 276	1 287	1 290	-1,1
Employed	Both sexes	2 410	2 410	2 497	-3,5
	Males	1 224	1 222	1 286	-4,8
	Females	1 186	1 188	1 211	-2,0
Unemployed	Both sexes	206	224	162	27,5
	Males	116	125	83	40,8
	Females	90	99	79	13,6
Total persons not in labour force	Both sexes	1 418	1 399	1 356	4,6
	Males	679	671	640	6,1
	Females	739	728	716	3,3

### 1.3 Population aged 15-74 by sex and age 2009/12 - 2008/12

		Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		1000 persons	1000 persons	1000 persons	Per cent (%)
Sex	Age group				
Both sexes	15-74	4 034	4 033	4 014	0,5
	15-64	3 551	3 551	3 542	0,3
	15-24	659	659	659	0,0
	25-54	2 109	2 109	2 114	-0,2
	55-64	784	783	770	1,9
Males	15-74	2 019	2 018	2 008	0,5
	15-64	1 796	1 795	1 790	0,3
	15-24	337	337	336	0,2
	25-54	1 071	1 072	1 074	-0,2
	55-64	387	386	380	1,8
Females	15-74	2 015	2 015	2 006	0,5
	15-64	1 756	1 756	1 751	0,3
	15-24	322	322	322	-0,2
	25-54	1 038	1 037	1 040	-0,2
	55-64	397	398	389	2,0

### 2.1 Labour force participation rate by sex and age 2009/12 - 2008/12

		Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Sex	Age group				
Both sexes	15-74	64,9	65,3	66,2	-1,4
	15-64	72,8	73,3	74,1	-1,3
	15-24	42,4	42,3	44,2	-1,8
	25-54	87,8	88,3	88,2	-0,4
	55-64	57,7	58,9	60,7	-3,0
Males	15-74	66,4	66,8	68,1	-1,8
	15-64	73,4	73,9	75,2	-1,8
	15-24	37,8	39,1	41,1	-3,2
	25-54	90,1	90,7	90,9	-0,7
	55-64	58,0	57,5	61,1	-3,1
Females	15-74	63,3	63,9	64,3	-1,0
	15-64	72,1	72,6	72,9	-0,8
	15-24	47,2	45,7	47,5	-0,3
	25-54	85,5	85,8	85,5	0,0
	55-64	57,4	60,2	60,4	-3,0

## 2.2 Labour force by sex and age 2009/12 - 2008/12

		Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		1000 persons	1000 persons	1000 persons	Per cent (%)
Sex	Age group				
Both sexes	15-74	2 616	2 634	2 658	-1,6
	15-64	2 584	2 602	2 623	-1,5
	15-24	279	279	291	-4,1
	25-54	1 852	1 862	1 865	-0,7
	55-64	452	461	467	-3,2
Males	15-74	1 340	1 347	1 368	-2,1
	15-64	1 318	1 326	1 346	-2,1
	15-24	128	131	138	-7,7
	25-54	966	973	976	-1,0
	55-64	225	222	232	-3,3
Females	15-74	1 276	1 287	1 290	-1,1
	15-64	1 266	1 276	1 277	-0,9
	15-24	152	147	153	-0,9
	25-54	887	889	889	-0,3
	55-64	228	240	235	-3,1

## 3.1 Employment rate by sex and age 2009/12 - 2008/12

		Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Sex	Age group				
Both sexes	15-74	59,8	59,7	62,2	-2,5
	15-64	67,0	67,0	69,5	-2,6
	15-24	33,8	33,4	38,7	-4,9
	25-54	82,1	81,9	83,7	-1,6
	55-64	54,1	54,9	57,1	-3,0
Males	15-74	60,6	60,6	64,0	-3,4
	15-64	66,9	66,9	70,6	-3,7
	15-24	29,5	30,3	34,3	-4,9
	25-54	83,5	83,6	86,6	-3,1
	55-64	53,6	52,5	57,3	-3,7
Females	15-74	58,9	58,9	60,4	-1,5
	15-64	67,0	67,0	68,4	-1,5
	15-24	38,4	36,6	43,3	-4,9
	25-54	80,6	80,2	80,6	0,0
	55-64	54,6	57,2	56,8	-2,2



### 3.2 Employed persons by sex and age 2009/12 - 2008/12

		Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		1000 persons	1000 persons	1000 persons	Per cent (%)
Sex	Age group				
Both sexes	15-74	2 410	2 410	2 497	-3,5
	15-64	2 378	2 378	2 462	-3,4
	15-24	223	220	255	-12,6
	25-54	1 731	1 728	1 768	-2,1
	55-64	424	430	439	-3,4
Males	15-74	1 224	1 222	1 286	-4,8
	15-64	1 201	1 201	1 264	-4,9
	15-24	99	102	116	-14,0
	25-54	894	896	930	-3,8
	55-64	208	203	218	-4,7
Females	15-74	1 186	1 188	1 211	-2,0
	15-64	1 176	1 177	1 199	-1,9
	15-24	123	118	140	-11,5
	25-54	836	832	838	-0,2
	55-64	217	227	221	-2,0

### 3.3 Employed persons by status in employment 2009/12 - 2008/12

	Year/Month			Change
	2009/12	2009/11	2008/12	2009/12 - 2008/12
	1000 persons	1000 persons	1000 persons	Per cent (%)
Status in employment				
Employed persons total	2 410	2 410	2 497	-3,5
Self-employed persons and unpaid family workers	332	355	336	-1,3
Employees	2 079	2 055	2 161	-3,8
-salaried employees	1 411	1 398	1 433	-1,5
-wage earners	661	649	722	-8,4

### 3.4 Employed persons by employer sector 2009/12 - 2008/12

	Year/Month			Change
	2009/12	2009/11	2008/12	2009/12 - 2008/12
	1000 persons	1000 persons	1000 persons	Per cent (%)
Employer sector				
Employer sector total (incl. employer sector unknown)	2 410	2 410	2 497	-3,5
Private sector	1 734	1 758	1 836	-5,5
Public sector	670	645	655	2,2
-state	172	150	155	11,1
-municipality	498	495	501	-0,5

### 3.5 Employed persons by province 2009/12 - 2008/12

	Year/Month			Change
	2009/12	2009/11	2008/12	2009/12 - 2008/12
	1000 persons	1000 persons	1000 persons	Per cent (%)
Province				
Whole country (incl. Åland)	2 410	2 410	2 497	-3,5
Southern Finland	1 070	1 067	1 108	-3,4
Western Finland	827	826	859	-3,7
Eastern Finland	221	240	237	-6,9
Oulu	201	196	203	-1,0
Lapland	77	68	76	2,0

### 3.6 Proportion of part-time employed persons in all employed persons by sex 2009/12 - 2008/12

	Year/Month			Change
	2009/12	2009/11	2008/12	2009/12 - 2008/12
	Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Sex				
Both sexes	14,7	15,5	14,4	0,3
Males	9,5	10,4	9,6	-0,1
Females	20,0	20,8	19,4	0,6

### 3.7 Part-time employed persons by sex 2009/12 - 2008/12

	Year/Month			Change
	2009/12	2009/11	2008/12	2009/12 - 2008/12
	1000 persons	1000 persons	1000 persons	Per cent (%)
Sex				
Both sexes	354	374	359	-1,3
Males	117	127	123	-5,4
Females	237	247	235	0,8

### 4.1 Employees by type of employment relationship (%) 2009/12 - 2008/12

Employment relationship	Year/Month			Change
	2009/12	2009/11	2008/12	2009/12 - 2008/12
	Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Employees total	100,0	100,0	100,0	0,0
-permanent full-time job	76,6	76,2	77,3	-0,7
-permanent part-time job	9,5	10,7	9,4	0,1
-fixed-term full-time job	9,3	9,2	9,3	0,0
-fixed-term part-time job	4,5	4,0	4,0	0,5
Fixed-term job total	13,9	13,1	13,3	0,6
Part-time job total	14,0	14,6	13,4	0,6

### 4.2 Employees by type of employment relationship 2009/12 - 2008/12

Employment relationship	Year/Month			Change
	2009/12	2009/11	2008/12	2009/12 - 2008/12
	1000 persons	1000 persons	1000 persons	Per cent (%)
Employees total	2 079	2 055	2 161	-3,8
-permanent full-time job	1 593	1 566	1 670	-4,6
-permanent part-time job	197	219	203	-3,2
-fixed-term full-time job	194	188	201	-3,4
-fixed-term part-time job	94	81	86	8,8
Fixed-term job total	288	269	287	0,2
Part-time job total	290	300	289	0,4

### 5.1 Unemployment rate by sex and age 2009/12 - 2008/12

		Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Sex	Age group				
Both sexes	15-74	7,9	8,5	6,1	1,8
	15-64	8,0	8,6	6,1	1,8
	15-24	20,2	21,1	12,4	7,8
	25-54	6,6	7,2	5,2	1,4
	55-64	6,2	6,8	6,0	0,2
Males	15-74	8,7	9,3	6,0	2,6
	15-64	8,8	9,4	6,1	2,7
	15-24	22,1	22,5	16,4	5,7
	25-54	7,4	7,9	4,7	2,7
	55-64	7,5	8,6	6,1	1,4
Females	15-74	7,0	7,7	6,1	0,9
	15-64	7,1	7,8	6,1	0,9
	15-24	18,6	19,8	8,8	9,8
	25-54	5,7	6,5	5,7	-0,1
	55-64	4,9	5,1	5,9	-1,0

### 5.2 Unemployed persons by sex and age 2009/12 - 2008/12

		Year/Month			Change
		2009/12	2009/11	2008/12	2009/12 - 2008/12
		1000 persons	1000 persons	1000 persons	Per cent (%)
Sex	Age group				
Both sexes	15-74	206	224	162	27,5
	15-64	206	224	161	27,8
	15-24	56	59	36	55,9
	25-54	122	134	97	25,6
	55-64	28	31	28	-0,5
Males	15-74	116	125	83	40,8
	15-64	116	125	83	40,8
	15-24	28	30	23	24,5
	25-54	71	77	46	55,8
	55-64	17	19	14	18,6
Females	15-74	90	99	79	13,6
	15-64	90	99	79	14,2
	15-24	28	29	14	108,5
	25-54	50	58	51	-1,4
	55-64	11	12	14	-20,0

### 5.3 Unemployment rate by province 2009/12 - 2008/12

Province	Year/Month			Change
	2009/12	2009/11	2008/12	2009/12 - 2008/12
	Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Whole country (incl. Åland)	7,9	8,5	6,1	1,8
Southern Finland	6,3	7,6	4,7	1,6
Western Finland	9,2	8,9	6,6	2,6
Eastern Finland	10,6	10,1	7,3	3,3
Oulu	6,8	8,6	9,2	-2,4
Lapland	10,2	12,5	8,3	1,9

### 6.1 Seasonally adjusted trends 2009/12

Year/Month	Employed	Unemployed	Unemployed job seekers (Ministry of Employment and the Economy)	Unemployment rate, aged 15–74	Unemployment rate, aged 15–24
	1000 persons	1000 persons	1000 persons	Per cent (%)	Per cent (%)
2007/12	2 515	178	205	6,6	16,3
2008/01	2 521	175	202	6,4	15,9
2008/02	2 525	170	200	6,3	15,2
2008/03	2 529	165	199	6,1	14,8
2008/04	2 533	164	198	6,1	14,8
2008/05	2 536	167	199	6,1	15,4
2008/06	2 537	169	200	6,2	16,0
2008/07	2 535	169	202	6,3	16,5
2008/08	2 533	173	203	6,4	16,8
2008/09	2 531	177	206	6,5	17,0
2008/10	2 529	178	210	6,6	17,1
2008/11	2 525	180	216	6,6	16,9
2008/12	2 518	184	223	6,8	16,7
2009/01	2 508	190	231	7,0	17,0
2009/02	2 498	199	238	7,3	17,8
2009/03	2 487	209	245	7,7	18,9
2009/04	2 477	218	252	8,1	20,1
2009/05	2 466	224	258	8,3	21,1
2009/06	2 455	227	264	8,5	21,7
2009/07	2 446	227	269	8,5	21,9
2009/08	2 440	226	275	8,5	21,9
2009/09	2 436	226	281	8,5	22,0
2009/10	2 431	231	286	8,7	22,4
2009/11	2 425	235	290	8,9	23,1
2009/12	2 419	236	293	9,0	23,7

## 2009, 4th quarter

### 7.1 Key indicators in the Labour Force Survey by sex 2009/IV - 2008/IV

Indicator		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Employment rate (population aged 15-64)	Sex				
	Both sexes	66,9	68,9	69,9	-3,0
	Males	67,0	69,7	71,2	-4,2
Unemployment rate	Females	66,7	68,0	68,4	-1,7
	Both sexes	8,2	7,5	6,0	2,2
	Males	8,9	7,7	5,8	3,0
Labour force participation rate	Females	7,5	7,4	6,1	1,4
	Both sexes	65,0	66,5	66,5	-1,5
	Males	66,6	68,4	68,7	-2,1
	Females	63,4	64,6	64,3	-0,9

### 7.2 Population aged 15-74 by labour force status and sex 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		1000 persons	1000 persons	1000 persons	Per cent (%)
Labour force status	Sex				
Population aged 15-74	Both sexes	4 033	4 028	4 012	0,5
	Males	2 018	2 015	2 007	0,5
	Females	2 015	2 012	2 005	0,5
Labour force	Both sexes	2 623	2 679	2 669	-1,7
	Males	1 345	1 379	1 379	-2,5
	Females	1 278	1 300	1 290	-0,9
Employed	Both sexes	2 408	2 476	2 509	-4,1
	Males	1 225	1 272	1 298	-5,6
	Females	1 182	1 204	1 211	-2,3
Unemployed	Both sexes	215	202	159	35,0
	Males	119	106	81	48,2
	Females	96	96	79	21,6
Total persons not in labour force	Both sexes	1 410	1 349	1 344	4,9
	Males	673	637	628	7,2
	Females	736	713	715	3,0

### 7.3 Population aged 15-74 by sex and age 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		1000 persons	1000 persons	1000 persons	Per cent (%)
Sex	Age group				
Both sexes	15-74	4 033	4 028	4 012	0,5
	15-64	3 551	3 548	3 541	0,3
	15-24	659	659	659	0,0
	25-54	2 109	2 110	2 114	-0,2
	55-64	783	780	768	2,0
Males	15-74	2 018	2 015	2 007	0,5
	15-64	1 795	1 794	1 790	0,3
	15-24	337	337	337	-0,1
	25-54	1 072	1 071	1 073	-0,1
	55-64	386	385	380	1,7
Females	15-74	2 015	2 012	2 005	0,5
	15-64	1 756	1 755	1 751	0,2
	15-24	322	322	322	0,0
	25-54	1 037	1 039	1 041	-0,4
	55-64	397	395	388	2,2

### 8.1 Labour force participation rate by sex and age 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Sex	Age group				
Both sexes	15-74	65,0	66,5	66,5	-1,5
	15-64	72,9	74,6	74,3	-1,4
	15-24	41,9	48,3	46,1	-4,2
	25-54	88,0	88,2	88,3	-0,4
	55-64	58,6	59,7	60,0	-1,4
Males	15-74	66,6	68,4	68,7	-2,1
	15-64	73,7	75,6	75,7	-2,0
	15-24	39,4	46,5	44,1	-4,7
	25-54	90,2	90,7	91,0	-0,9
	55-64	57,8	59,0	60,6	-2,8
Females	15-74	63,4	64,6	64,3	-0,9
	15-64	72,2	73,5	72,9	-0,7
	15-24	44,6	50,2	48,3	-3,7
	25-54	85,7	85,7	85,6	0,1
	55-64	59,4	60,4	59,4	-0,1

## 8.2 Labour force by sex and age 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		1000 persons	1000 persons	1000 persons	Per cent (%)
Sex	Age group				
Both sexes	15-74	2 623	2 679	2 669	-1,7
	15-64	2 590	2 646	2 632	-1,6
	15-24	276	318	304	-9,1
	25-54	1 855	1 862	1 867	-0,7
	55-64	459	466	461	-0,4
Males	15-74	1 345	1 379	1 379	-2,5
	15-64	1 323	1 356	1 355	-2,4
	15-24	133	157	149	-10,7
	25-54	967	972	977	-1,0
	55-64	223	227	230	-2,9
Females	15-74	1 278	1 300	1 290	-0,9
	15-64	1 267	1 289	1 277	-0,8
	15-24	144	161	156	-7,6
	25-54	888	890	891	-0,3
	55-64	236	238	231	2,1

## 9.1 Employment rate by sex and age 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Sex	Age group				
Both sexes	15-74	59,7	61,5	62,5	-2,8
	15-64	66,9	68,9	69,9	-3,0
	15-24	33,4	40,5	39,6	-6,2
	25-54	81,9	82,6	84,1	-2,2
	55-64	54,6	55,8	56,6	-2,0
Males	15-74	60,7	63,1	64,7	-4,0
	15-64	67,0	69,7	71,2	-4,2
	15-24	30,6	38,6	37,3	-6,8
	25-54	83,4	84,8	86,9	-3,5
	55-64	53,3	55,0	57,1	-3,8
Females	15-74	58,7	59,8	60,4	-1,7
	15-64	66,7	68,0	68,4	-1,7
	15-24	36,4	42,4	42,0	-5,5
	25-54	80,3	80,3	81,2	-0,9
	55-64	56,0	56,5	56,2	-0,2

### 9.2 Employed persons by sex and age 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		1000 persons	1000 persons	1000 persons	Per cent (%)
Sex	Age group				
Both sexes	15-74	2 408	2 476	2 509	-4,1
	15-64	2 375	2 444	2 473	-4,0
	15-24	220	266	261	-15,6
	25-54	1 727	1 742	1 777	-2,9
	55-64	428	435	435	-1,6
Males	15-74	1 225	1 272	1 298	-5,6
	15-64	1 203	1 250	1 275	-5,6
	15-24	103	130	126	-18,2
	25-54	894	908	932	-4,1
	55-64	206	212	217	-5,1
Females	15-74	1 182	1 204	1 211	-2,3
	15-64	1 172	1 194	1 198	-2,2
	15-24	117	136	135	-13,2
	25-54	832	834	845	-1,5
	55-64	222	223	218	1,8

### 9.3 Employed persons by status in employment 2009/IV - 2008/IV

Status in employment	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	1000 persons	1000 persons	1000 persons	Per cent (%)
Employed persons total	2 408	2 476	2 509	-4,1
Self-employed persons and unpaid family workers	336	331	332	1,2
Employees	2 071	2 145	2 177	-4,9
-salaried employees	1 408	1 416	1 437	-2,0
-wage earners	657	722	735	-10,6



#### 9.4 Employed persons by industry (TOL 2008) 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		1000 persons	1000 persons	1000 persons	Per cent (%)
Industry	TOL 2008				
Industries total	00-99	2 408	2 476	2 509	-4,1
A-B Agriculture, forestry and fishing; mining and quarrying	01-09	117	121	118	-1,2
Agriculture	01	86	87	88	-2,0
C Manufacturing	10-33	365	380	402	-9,3
Manufacture of food products, beverages and textiles	10-15	42	47	46	-10,4
Manufacture of wood products, paper and paper products; printing and reproduction of recorded media	16-18	58	59	65	-10,3
Manufacture of chemicals and chemical products and basic pharmaceutical products	19-23	51	53	50	2,1
Manufacture of basic metals and of fabricated metal products, except machinery and equipment	24-25	62	63	71	-11,9
Manufacture of electronic and optical products, electrical equipment, machinery and vehicles	26-30	117	121	133	-12,4
Manufacture of furniture, other manufacturing; repair and installation of machinery and equipment	31-33	35	37	37	-6,1
D-E Electricity, gas, steam and air conditioning and water supply; sewerage and waste management	35-39	23	27	25	-5,4
F Construction	41-43	172	179	183	-6,2
Construction of buildings	41	54	62	66	-19,4
Specialised construction activities	43	97	95	96	1,2
G Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47	288	298	307	-6,3
Wholesale and retail trade and repair of motor vehicles and motorcycles	45	38	40	49	-21,5
Wholesale trade, except of motor vehicles and motorcycles	46	89	87	99	-9,6
Retail trade, except of motor vehicles and motorcycles	47	160	171	160	0,4
H Transportation and storage	49-53	154	151	155	-0,9
Land, water and air transport	49-51	101	99	102	-0,9
Warehousing and support activities for transportation; postal and courier activities	52-53	52	52	53	-0,8
I Accommodation and food service activities	55-56	83	88	86	-3,5
J Information and communication	58-63	95	95	95	0,1
K-L Financial, insurance and real estate activities	64-68	69	70	73	-5,2
M Professional, scientific and technical activities	69-75	144	146	153	-6,1
Architectural and engineering activities; technical testing and analysis	71	54	58	61	-11,2
N Administrative and support service activities	77-82	94	100	99	-4,2
Services to buildings and landscape activities	81	59	62	56	3,8
O Public administration and defence; compulsory social security	84	120	119	118	1,5
P Education	85	165	160	166	-0,4
Q Human health and social work activities	86-88	378	389	384	-1,6
Human health activities	86	182	191	182	-0,1
Residential care activities	87	74	79	78	-5,4
Social work activities without accommodation	88	122	119	124	-1,4
R Arts, entertainment and recreation	90-93	52	57	52	-1,2
S-U Other service activities	94-99	81	87	83	-1,5
X Industry unknown	00	8	9	10	.

### 9.5 Hours actually worked of employed persons by industry (TOL 2008) 2009/IV - 2008/IV

Industry	TOL 2008	Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		Million hours	Million hours	Million hours	Per cent (%)
Industries total	00-99	1022,4	952,4	1080,7	-5,4
A-B Agriculture, forestry and fishing; mining and quarrying	01-09	56,7	66,2	58,2	-2,7
Agriculture	01	42,8	51,3	44,7	-4,1
C Manufacturing	10-33	159,5	143,3	180,4	-11,6
Manufacture of food products, beverages and textiles	10-15	18,5	19,1	20,2	-8,2
Manufacture of wood products, paper and paper products; printing and reproduction of recorded media	16-18	25,7	21,7	27,1	-5,4
Manufacture of chemicals and chemical products and basic pharmaceutical products	19-23	21,8	20,2	22,0	-1,1
Manufacture of basic metals and of fabricated metal products, except machinery and equipment	24-25	26,5	23,0	32,8	-19,1
Manufacture of electronic and optical products, electrical equipment, machinery and vehicles	26-30	51,4	44,6	61,4	-16,3
Manufacture of furniture, other manufacturing; repair and installation of machinery and equipment	31-33	15,6	14,7	16,8	-7,2
D-E Electricity, gas, steam and air conditioning and water supply; sewerage and waste management	35-39	10,5	10,4	11,5	-8,8
F Construction	41-43	79,2	79,1	84,8	-6,6
Construction of buildings	41	25,0	25,4	30,1	-17,0
Specialised construction activities	43	44,3	44,4	44,9	-1,5
G Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47	123,6	116,1	134,2	-7,9
Wholesale and retail trade and repair of motor vehicles and motorcycles	45	18,3	17,1	23,0	-20,2
Wholesale trade, except of motor vehicles and motorcycles	46	41,6	34,2	46,5	-10,7
Retail trade, except of motor vehicles and motorcycles	47	63,8	64,8	64,7	-1,5
H Transportation and storage	49-53	68,1	62,9	72,3	-5,8
Land, water and air transport	49-51	47,9	44,4	50,6	-5,3
Warehousing and support activities for transportation; postal and courier activities	52-53	20,2	18,5	21,7	-7,2
I Accommodation and food service activities	55-56	31,5	34,1	34,9	-9,6
J Information and communication	58-63	41,7	35,0	41,0	1,6
K-L Financial, insurance and real estate activities	64-68	29,4	26,8	32,0	-8,1
M Professional, scientific and technical activities	69-75	60,7	51,8	66,2	-8,2
Architectural and engineering activities; technical testing and analysis	71	23,4	21,0	26,9	-12,9
N Administrative and support service activities	77-82	38,2	38,8	41,4	-7,7
Services to buildings and landscape activities	81	23,5	23,4	24,1	-2,2
O Public administration and defence; compulsory social security	84	51,7	44,4	49,3	4,8
P Education	85	63,3	49,2	63,6	-0,4
Q Human health and social work activities	86-88	154,4	137,9	154,4	0,0
Human health activities	86	74,9	67,8	72,2	3,7
Residential care activities	87	30,0	30,5	33,4	-10,2
Social work activities without accommodation	88	49,5	39,6	48,8	1,4
R Arts, entertainment and recreation	90-93	18,8	21,0	19,3	-2,2
S-U Other service activities	94-99	31,7	31,7	33,2	-4,6
X Industry unknown	00	3,4	3,4	4,0	.

### 9.6 Employed persons by employer sector 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	1000 persons	1000 persons	1000 persons	Per cent (%)
Employer sector				
Employer sector total (incl. employer sector unknown)	2 408	2 476	2 509	-4,1
Private sector	1 744	1 807	1 838	-5,1
Public sector	656	663	664	-1,2
-state	157	159	158	-0,4
-municipality	499	505	507	-1,5

### 9.7 Employed persons by province 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	1000 persons	1000 persons	1000 persons	Per cent (%)
Province				
Whole country (incl. Åland)	2 408	2 476	2 509	-4,1
Southern Finland	1 067	1 092	1 114	-4,3
Western Finland	829	861	867	-4,4
Eastern Finland	226	232	238	-5,4
Oulu	199	202	201	-0,7
Lapland	73	75	74	-1,3

### 9.8 Employed persons by region 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	1000 persons	1000 persons	1000 persons	Per cent (%)
Region				
Whole country (incl. Åland)	2 408	2 476	2 509	-4,1
Uusimaa	734	740	758	-3,1
Itä-Uusimaa	45	46	49	-7,3
Varsinais-Suomi	210	217	221	-4,9
Satakunta	96	102	104	-7,7
Kanta-Häme	74	78	78	-4,8
Pirkanmaa	214	224	224	-4,5
Päijät-Häme	85	91	91	-6,9
Kymenlaakso	74	80	80	-8,5
South Karelia	55	57	59	-5,8
Etelä-Savo	60	62	64	-5,8
Pohjois-Savo	101	104	107	-5,7
North Karelia	65	65	68	-4,5
Central Finland	115	118	116	-0,7
South Ostrobothnia	83	86	86	-4,1
Ostrobothnia	81	84	84	-3,8
Central Ostrobothnia	29	30	31	-4,5
North Ostrobothnia	165	168	168	-1,6
Kainuu	34	35	32	4,0
Lapland	73	75	74	-1,3

### 9.9 Proportion of part-time employed persons in all employed persons by sex 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Sex				
Both sexes	14,9	13,1	14,2	0,6
Males	9,9	8,6	9,4	0,4
Females	20,0	17,9	19,4	0,6

### 9.10 Part-time employed persons by sex 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	1000 persons	1000 persons	1000 persons	Per cent (%)
Sex				
Both sexes	358	325	357	0,2
Males	121	109	122	-1,2
Females	237	216	235	0,9

### 10.1 Employees by industry (TOL 2008) 2009/IV - 2008/IV

Industry	TOL 2008	Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		1000 persons	1000 persons	1000 persons	Per cent (%)
Industries total	00-99	2 071	2 145	2 177	-4,9
A-B Agriculture, forestry and fishing; mining and quarrying	01-09	36	42	39	-9,6
Agriculture	01	15	20	18	-12,5
C Manufacturing	10-33	344	357	377	-8,7
Manufacture of food products, beverages and textiles	10-15	38	43	42	-8,2
Manufacture of wood products, paper and paper products; printing and reproduction of recorded media	16-18	54	54	59	-9,0
Manufacture of chemicals and chemical products and basic pharmaceutical products	19-23	50	51	49	1,4
Manufacture of basic metals and of fabricated metal products, except machinery and equipment	24-25	57	58	64	-10,5
Manufacture of electronic and optical products, electrical equipment, machinery and vehicles	26-30	114	118	130	-12,4
Manufacture of furniture, other manufacturing; repair and installation of machinery and equipment	31-33	30	32	32	-5,1
D-E Electricity, gas, steam and air conditioning and water supply; sewerage and waste management	35-39	23	26	24	-6,3
F Construction	41-43	128	139	141	-9,1
Construction of buildings	41	38	46	49	-22,9
Specialised construction activities	43	70	72	72	-3,1
G Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47	248	258	267	-7,4
Wholesale and retail trade and repair of motor vehicles and motorcycles	45	32	32	40	-19,2
Wholesale trade, except of motor vehicles and motorcycles	46	77	77	87	-11,6
Retail trade, except of motor vehicles and motorcycles	47	139	149	141	-1,4
H Transportation and storage	49-53	128	127	131	-2,4
Land, water and air transport	49-51	77	75	79	-2,9
Warehousing and support activities for transportation; postal and courier activities	52-53	51	51	52	-1,6
I Accommodation and food service activities	55-56	72	76	77	-6,2
J Information and communication	58-63	87	88	88	-1,7
K-L Financial, insurance and real estate activities	64-68	64	62	68	-6,9
M Professional, scientific and technical activities	69-75	114	118	120	-5,0
Architectural and engineering activities; technical testing and analysis	71	48	50	53	-10,7
N Administrative and support service activities	77-82	81	86	87	-6,9
Services to buildings and landscape activities	81	50	52	49	1,1
O Public administration and defence; compulsory social security	84	120	119	117	1,8
P Education	85	162	156	162	0,1
Q Human health and social work activities	86-88	359	371	365	-1,8
Human health activities	86	169	179	170	-0,7
Residential care activities	87	72	77	75	-4,4
Social work activities without accommodation	88	118	115	120	-1,7
R Arts, entertainment and recreation	90-93	40	44	40	-1,6
S-U Other service activities	94-99	61	68	63	-4,2
X Industry unknown	00	8	8	9	.

## 10.2 Hours actually worked of employees by industry (TOL 2008) 2009/IV - 2008/IV

Industry	TOL 2008	Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		Million hours	Million hours	Million hours	Per cent (%)
Industries total	00-99	858,1	787,3	915,9	-6,3
A-B Agriculture, forestry and fishing; mining and quarrying	01-09	17,7	20,6	18,3	-3,5
Agriculture	01	8,0	10,6	8,1	-1,0
C Manufacturing	10-33	148,5	131,5	168,1	-11,7
Manufacture of food products, beverages and textiles	10-15	16,8	17,3	18,2	-7,5
Manufacture of wood products, paper and paper products; printing and reproduction of recorded media	16-18	23,4	19,5	24,7	-5,1
Manufacture of chemicals and chemical products and basic pharmaceutical products	19-23	21,1	19,4	21,9	-3,4
Manufacture of basic metals and of fabricated metal products, except machinery and equipment	24-25	23,8	20,2	29,1	-18,5
Manufacture of electronic and optical products, electrical equipment, machinery and vehicles	26-30	50,2	43,0	59,7	-16,0
Manufacture of furniture, other manufacturing; repair and installation of machinery and equipment	31-33	13,2	12,1	14,4	-8,8
D-E Electricity, gas, steam and air conditioning and water supply; sewerage and waste management	35-39	10,1	10,0	11,1	-9,0
F Construction	41-43	57,9	58,7	63,3	-8,5
Construction of buildings	41	17,2	18,3	21,4	-19,5
Specialised construction activities	43	31,1	31,4	32,9	-5,5
G Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47	101,8	95,4	111,7	-8,9
Wholesale and retail trade and repair of motor vehicles and motorcycles	45	14,6	12,2	18,3	-20,2
Wholesale trade, except of motor vehicles and motorcycles	46	35,4	29,7	39,9	-11,3
Retail trade, except of motor vehicles and motorcycles	47	51,8	53,6	53,5	-3,1
H Transportation and storage	49-53	53,5	50,0	57,1	-6,4
Land, water and air transport	49-51	34,2	31,7	36,3	-5,8
Warehousing and support activities for transportation; postal and courier activities	52-53	19,3	18,2	20,8	-7,5
I Accommodation and food service activities	55-56	24,6	26,5	29,1	-15,6
J Information and communication	58-63	38,2	32,3	38,2	-0,2
K-L Financial, insurance and real estate activities	64-68	26,8	23,8	29,7	-9,7
M Professional, scientific and technical activities	69-75	48,7	41,1	52,6	-7,5
Architectural and engineering activities; technical testing and analysis	71	20,7	17,8	23,1	-10,4
N Administrative and support service activities	77-82	31,6	31,4	36,0	-12,3
Services to buildings and landscape activities	81	19,4	18,4	20,4	-5,0
O Public administration and defence; compulsory social security	84	51,7	44,3	49,0	5,4
P Education	85	62,0	48,0	61,8	0,3
Q Human health and social work activities	86-88	145,4	131,1	146,1	-0,5
Human health activities	86	69,6	64,0	67,7	2,8
Residential care activities	87	28,4	29,2	31,5	-9,7
Social work activities without accommodation	88	47,4	38,0	46,9	0,9
R Arts, entertainment and recreation	90-93	14,2	15,8	14,8	-4,2
S-U Other service activities	94-99	22,3	23,8	25,0	-10,8
X Industry unknown	00	3,3	2,9	3,8	.

### 10.3 Employees by type of employment relationship (%) 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Employment relationship				
Employees total	100,0	100,0	100,0	0,0
-permanent full-time job	76,4	75,4	77,1	-0,7
-permanent part-time job	10,1	8,8	9,5	0,6
-fixed-term full-time job	9,5	12,2	9,5	0,0
-fixed-term part-time job	4,0	3,6	3,9	0,1
Fixed-term job total	13,5	15,7	13,4	0,1
Part-time job total	14,1	12,4	13,4	0,7

### 10.4 Employees by type of employment relationship 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	1000 persons	1000 persons	1000 persons	Per cent (%)
Employment relationship				
Employees total	2 071	2 145	2 177	-4,9
-permanent full-time job	1 582	1 618	1 678	-5,7
-permanent part-time job	209	188	207	1,1
-fixed-term full-time job	196	261	206	-4,9
-fixed-term part-time job	83	76	86	-2,9
Fixed-term job total	279	337	292	-4,3
Part-time job total	292	265	292	-0,1

### 10.5 Different types of employment relationships less than 12 month's duration (%) 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Employment relationship				
Employees total	100,0	100,0	100,0	0,0
-permanent full-time job	35,3	32,7	42,0	-6,6
-permanent part-time job	13,7	10,0	12,9	0,7
-fixed-term full-time job	33,6	43,1	30,3	3,3
-fixed-term part-time job	17,4	14,2	14,8	2,6
Fixed-term job total	51,0	57,3	45,1	5,9
Part-time job total	31,0	24,2	27,7	3,3

### 10.6 Different types of employment relationships less than 12 month's duration 2009/IV - 2008/IV

	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	1000 persons	1000 persons	1000 persons	Per cent (%)
Employment relationship				
Employees total	336	409	435	-22,8
-permanent full-time job	119	134	183	-35,0
-permanent part-time job	46	41	56	-18,4
-fixed-term full-time job	113	176	132	-14,3
-fixed-term part-time job	58	58	64	-9,2
Fixed-term job total	171	235	196	-12,6
Part-time job total	104	99	120	-13,5

### 11.1 Unemployment rate by sex and age 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Sex	Age group				
Both sexes	15-74	8,2	7,5	6,0	2,2
	15-64	8,3	7,6	6,0	2,3
	15-24	20,3	16,3	14,2	6,1
	25-54	6,9	6,4	4,8	2,1
	55-64	6,8	6,6	5,6	1,1
Males	15-74	8,9	7,7	5,8	3,0
	15-64	9,0	7,8	5,9	3,1
	15-24	22,4	17,1	15,3	7,1
	25-54	7,5	6,5	4,5	2,9
	55-64	7,9	6,9	5,8	2,1
Females	15-74	7,5	7,4	6,1	1,4
	15-64	7,6	7,4	6,2	1,4
	15-24	18,4	15,4	13,1	5,3
	25-54	6,3	6,3	5,1	1,2
	55-64	5,7	6,4	5,4	0,2

### 11.2 Unemployed persons by sex and age 2009/IV - 2008/IV

		Year/Quarter			Change
		2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
		1000 persons	1000 persons	1000 persons	Per cent (%)
Sex	Age group				
Both sexes	15-74	215	202	159	35,0
	15-64	215	202	159	35,4
	15-24	56	52	43	30,0
	25-54	128	119	90	42,6
	55-64	31	31	26	19,5
Males	15-74	119	106	81	48,2
	15-64	119	106	80	48,7
	15-24	30	27	23	30,6
	25-54	72	64	44	63,2
	55-64	18	16	13	31,5
Females	15-74	96	96	79	21,6
	15-64	96	96	79	21,8
	15-24	26	25	20	29,3
	25-54	56	56	46	22,6
	55-64	13	15	13	6,7

### 11.3 Unemployment rate by province 2009/IV - 2008/IV

Province	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Whole country (incl. Åland)	8,2	7,5	6,0	2,2
Southern Finland	7,0	6,3	4,8	2,1
Western Finland	8,8	8,0	6,0	2,7
Eastern Finland	10,8	9,2	7,0	3,8
Oulu	8,3	9,5	9,2	-0,8
Lapland	11,1	10,2	10,2	0,9



#### 11.4 Unemployment rate by region 2009/IV - 2008/IV

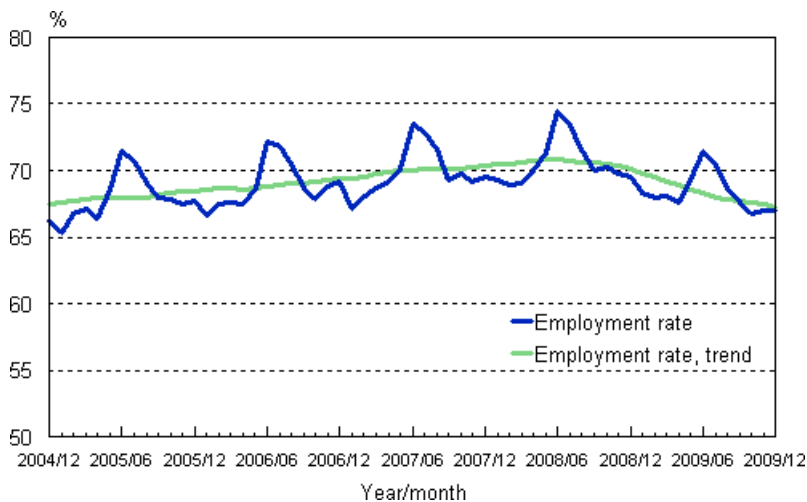
Region	Year/Quarter			Change
	2009/IV	2009/III	2008/IV	2009/IV - 2008/IV
	Per cent (%)	Per cent (%)	Per cent (%)	Percentage points (%)
Whole country (incl. Åland)	8,2	7,5	6,0	2,2
Uusimaa	6,2	5,6	4,4	1,8
Itä-Uusimaa	6,1	6,5	3,4	2,7
Varsinais-Suomi	8,2	6,8	6,0	2,3
Satakunta	8,7	6,3	5,2	3,4
Kanta-Häme	7,7	7,4	4,8	2,9
Pirkanmaa	10,2	10,0	6,2	4,0
Päijät-Häme	9,3	7,8	6,2	3,1
Kymenlaakso	9,0	6,0	6,7	2,2
South Karelia	10,5	10,6	7,1	3,4
Etelä-Savo	9,3	8,7	6,5	2,8
Pohjois-Savo	10,3	8,8	5,8	4,5
North Karelia	13,0	10,1	9,4	3,6
Central Finland	10,9	9,6	8,6	2,4
South Ostrobothnia	6,6	8,9	5,1	1,5
Ostrobothnia	5,9	5,1	4,0	1,9
Central Ostrobothnia	7,3	5,8	5,9	1,4
North Ostrobothnia	8,4	10,3	8,6	-0,2
Kainuu	7,7	5,9	11,7	-4,0
Lapland	11,1	10,2	10,2	0,9

# Figures

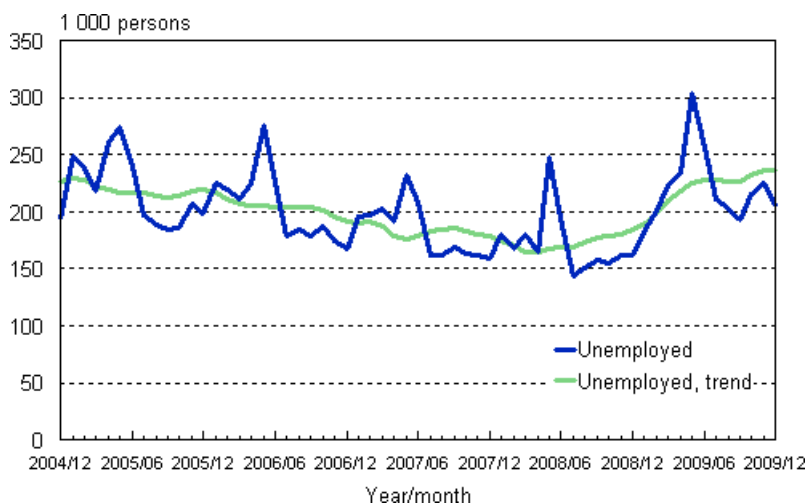
## 1.1 Employed and trend of employed



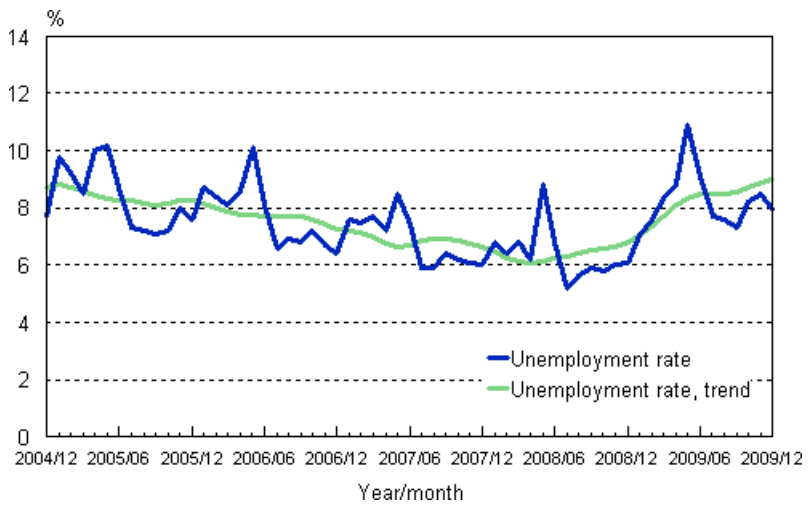
## 1.2 Employment rate and trend of employment rate



## 2.1 Unemployed and trend of unemployed



## 2.2 Unemployment rate and trend of unemployment rate



## Quality Description: Labour force survey

### 1. Relevance of statistical information

The Labour Force Survey is a sample survey providing monthly, quarterly and annual statistics on participation in the labour market, employment, unemployment and working hours among the population aged between 15 and 74. Approximately 12,000 persons are interviewed each month about their labour market activities during one week. Based on the information given by the respondents, the survey provides an up-to-date and comprehensive picture of the labour force and changes in the labour market.

The results of the survey are used, inter alia, in preparing labour market projections and plans, as support for decision-making and in the follow-up of the employment effects of different measures. Key users of the results are ministries, authorities responsible for regional planning, employers' and employees' organisations, universities and research institutions, international organisations and the European Union. Statistics Finland uses the data, inter alia, in the compilation of the National Accounts. Public attention focuses each month especially on the changes in unemployment and employment from the corresponding month in the previous year.

The current data content of the Labour Force Survey is based mainly on the EU Regulation on the organisation of a labour force sample survey in the Community (Council Regulations No 577/98, 2257/2003 and 430/2005). More detailed information on the European Union Labour Force Survey is available at [http://circa.europa.eu/irc/dsis/employment/info/data/eu\\_lfs/index.htm](http://circa.europa.eu/irc/dsis/employment/info/data/eu_lfs/index.htm).

The Labour Force Survey describes persons. Since 2003, information is obtained from a sub sample also on the structure of households and the activities of all working-age members of a household with regard to the labour market. Since 1999 a unified EU ad hoc- survey with annually changing topics has been conducted in connection with the Labour Force Survey.

The concepts and definitions used in the survey follow the recommendations of ILO, the International Labour Organisation of the UN, and the regulations of Eurostat, the Statistical Office of the European Communities. In the basic classification of the labour market situation, the population is divided into the employed, the unemployed and the economically inactive.

Definitions:

- A person is **employed** if he/she has during the survey week been in gainful employment at least one hour against wages or salary or fringe benefits, or to make profit, or has been temporarily absent from work. Persons absent from work during the survey week are classified as employed if the reason for absence is own illness or maternity or paternity leave or the absence has lasted less than three months. The employed are divided into wage and salary earners, entrepreneurs and unpaid workers in a family member's enterprise.
- A person is **unemployed** if he/she is without work during the survey week, has actively sought employment in the past four weeks as a wage or salary earner or entrepreneur and would be available for work within two weeks. A person who is without work and waiting for an agreed job to start within three months is also classified as unemployed, if he/she could start work within two weeks.
- The **labour force** comprises all persons aged between 15 and 74 who are employed or unemployed during the survey week.
- The **economically inactive population** consists of persons who are not employed or unemployed during the survey week. The economically inactive can also be described with the concept persons outside the labour force. For information on the other concepts used in the Labour Force Survey see: [http://tilastokeskus.fi/til/tyti/kas\\_en.html](http://tilastokeskus.fi/til/tyti/kas_en.html).

**Statistical classifications** used in the Labour Force Survey include the Standard Industrial Classification (TOL 2008, NAVE Rev. 2) as of the beginning of 2009, the Classification of Occupations 2001 (ISCO-88) and the Classification of Occupations 1987, the Classification of Socio-economic Groups 1989, the Classification of

Education 1997 (ISCED 1997) as well as the regional classifications Major Region, Province, Region and Employment and Economic Development Centre.

## ***2. Methodological description of the statistical survey***

The population of the Labour Force Survey consists of persons aged between 15 and 74 who are permanent residents of Finland. The population includes also persons residing abroad temporarily (less than a year) as well as foreign nationals registered in the Finnish Population Information System who will reside in Finland at least one year (<http://www.vaestorekisterikeskus.fi/vrk/home.nsf/www/populationinformationsystem>). Information is delivered to Eurostat, the Statistical Office of the European Communities, also on persons younger than 15 and aged 75 or older (who are not interviewed). In the survey, age is determined on the basis of real age at the time of the interview. Hence a 14-year-old can belong to the sample but is included only after he/she has turned 15. Correspondingly the most aged persons are left out of the survey when they turn 75.

The sample of the Labour Force Survey is drawn twice a year as a stratified random sample from the Statistics Finland population database, which is based on the central population register. The survey is a panel survey in which one person is interviewed five times. The interviews are conducted every three months apart from the fourth interview, which is conducted six months after the third interview. The first and last interviews are 15 months apart. The sample in each month consists approximately of 12,000 persons, which is, on average, every 300th person from the population. The sample consists of five rotation groups which have joined the survey in different months. The sample changes gradually so that different persons answer the questions during three consecutive months. In consecutive quarters three-fifths of the respondents are the same. In consecutive years the overlap is two fifths.

Statistics Finland's interviewers collect the data with computer-assisted telephone interviews. In 2008 approximately 116,000 interviews were conducted. The non-response rate of the survey was 20.5 per cent on average.

The results from the sample are weighted to correspond to the entire population aged between 15 and 74. The effects of non-response on the results are corrected by using so called weight calibration, in which weighting is used to produce the correct population distributions by region, gender and age. Information of the Ministry of Employment and the Economy's job seeker register is also used as supplementary data.

The figures published in the Labour Force Survey, as figures collected with any sample survey, are so-called estimates. An estimate is an estimation of a quality of the population derived by applying a mathematical operation (estimation) to sample observations. For example, the number of the unemployed in January 2009, which was 184,000 persons, is an estimate of the number of unemployed persons aged between 15 and 74 resulting from such a procedure.

Quarterly and annual estimates are averages of monthly estimates. Working days and working hours are estimated on the basis of the number of calendar days in the relevant month. Quarterly and annual estimates of working days and working hours are sums of monthly estimates.

The employment and unemployment numbers in the Labour Force Survey vary relatively regularly in different months of the year. Variation which occurs annually in similar ways has been removed from the so-called trends which are also published from the Labour Force Survey. The direction of long-term developments and cyclical variations are easier to see from a trend than from unadjusted monthly data. Due to the method used, the last data of the trend are revised somewhat when the data of the following month are inserted into the series. This preliminary nature of trends must be taken into account when drawing conclusions. As from June 2007, the trend components of the time series are calculated with the Tramo/Seats method recommended by Eurostat, the Statistical Office of the European Communities.

## ***3. Correctness and accuracy of data***

The reliability of the estimates of the Labour Force Survey is affected by non-response (see above), measurement error and random variation due to sampling.

Measurement errors arise, inter alia, due to the fact that questions can be understood or interpreted differently and respondents may not report some information. Developing the questionnaire and training the interviewers are measures used to contain measurement errors.

Random variation due to sampling means that figures calculated from different samples differ somewhat from each other. When evaluating roughly the magnitude of random variation due to sampling in different situations, the main principle is that **1) the larger the sample is from which the figures are calculated and 2) the larger the population described by the figures is, the less uncertainty due to sampling there will be in the figures.** For instance, quarterly figures are more accurate than monthly figures describing the same phenomenon, as quarterly data have been collected by interviewing thrice the number of persons than the monthly data. Annual figures are the most accurate. The second principle means that the figures of the employed and the unemployed, that is the estimates, based on a sample of the same size are the more accurate the larger the subgroup they apply to. As the relevant subgroup becomes smaller, random variation due to sampling increases. Therefore e.g. the numbers of the unemployed in different age groups or in different regions are not as reliable as the number of all the unemployed.

Inaccuracy due to sampling is assessed with the standard error of the estimate. The magnitude of the standard error is influenced by the size of the sample and the variance of the variable being investigated. Standard error can be used to calculate the **confidence interval**, within which the value of the population lies with a certain probability. The **95 per cent confidence interval** used in the Labour Force Survey **is the interval within which the real value of the property being investigated lies with a probability of 95 per cent.** For example, the confidence interval of the number of the unemployed in January 2009 is  $184,000 \pm 15,000$ , i.e. 169,000-199,000. The share to be added to the estimate or deducted from it, in this case 15,000, is obtained by multiplying the estimate's standard error, here 7,500 persons, with the coefficient of the 95 per cent confidence interval.

### *Examples of the accuracy of the number of the employed and the unemployed by size of subgroup*

To illustrate the magnitude of random variation, examples of the estimates of different numbers of the employed and the unemployed, their 95 per cent confidence intervals and other key figures of reliability are presented in the following tables 1-3. The magnitude of random variation in the examples is a rough estimate of the upper boundary of random variation, when the figure being investigated is **a correspondingly large estimate of the number of the employed or the unemployed by gender, age or region.** In correspondingly large subgroups by industry, the confidence interval is wider. The examples in table 1 refer to monthly estimates. Tables 2-3 include the corresponding data for quarterly and annual estimates.

**Table 1. Examples of the accuracy of monthly estimates of different sizes: the numbers of the employed and the unemployed by gender, age and region.**<sup>1)</sup>

	Monthly estimate	Monthly estimate's 95% confidence interval	Standard error	Relative standard error
	persons	persons	persons	%
<b>Employed</b>	2 400 000	± 27 800	14 200	0,6
	1 200 000	± 21 000	10 700	0,9
	600 000	± 15 300	7 800	1,3
	300 000	± 11 600	5 900	2,0
	100 000	± 6 700	3 400	3,4
	50 000	± 4 700	2 400	4,8
	10 000	± 2 900	1 500	15,0
<b>Unemployed</b>	230 000	± 15 100	7 700	3,3
	120 000	± 11 800	6 000	5,0
	90 000	± 10 800	5 500	6,1
	60 000	± 9 000	4 600	7,7
	30 000	± 6 900	3 500	11,7
	20 000	± 5 100	2 600	13,0
	10 000	± 3 700	1 900	19,0

1) The data can be used as indicative estimates of the accuracy of comparable numbers of the employed and unemployed by gender, age and region.

We can see from table 1 that if the monthly estimate of the employed in the subgroup is 300,000 persons, the real number of the employed lies, with a probability of 95 per cent, within the range 300,000 ± 11,600 persons. The size of this confidence interval relative to the size of the estimate is clearly larger than the corresponding share in the large estimate on the first row of the table. For estimates of less than 300,000 persons the confidence intervals are relatively even wider.

A comparison of data in tables 1–3 illustrates also that annual and quarterly data are more accurate than monthly data. The 95 per cent confidence interval corresponding to the estimate of the employed in a subgroup of 300,000 persons examined above, that is 300,000 ± 6,700 persons (table 2), is clearly narrower than the confidence interval of the monthly estimate. Annual estimates are even more accurate than quarterly estimates (table 3). This difference in accuracy is, however, not as large as the corresponding difference between monthly and quarterly data.

**Table 2. Examples of the accuracy of quarterly estimates of different sizes: the numbers of the employed and the unemployed by gender, age and region.**<sup>1)</sup>

	Quarterly estimate	Quarterly estimate's 95% confidence interval	Standard error	Relative standard error
	persons	persons	persons	%
<b>Employed</b>	2 400 000	± 16 100	8 200	0,3
	1 200 000	± 12 500	6 400	0,5
	600 000	± 8 800	4 500	0,8
	300 000	± 6 700	3 400	1,1
	100 000	± 4 700	2 400	2,4
	50 000	± 3 900	2 000	4,0
	10 000	± 2 000	1 000	10,0
<b>Unemployed</b>	230 000	± 8 800	4 500	2,0
	120 000	± 6 900	3 500	2,9
	90 000	± 6 100	3 100	3,4
	60 000	± 5 100	2 600	4,3
	30 000	± 3 500	1 800	6,0
	20 000	± 3 100	1 600	8,0
	10 000	± 2 400	1 200	12,0

1) The data can be used as indicative estimates of the accuracy of comparable numbers of the employed and unemployed by gender, age and region.

**Table 3. Examples of the accuracy of annual estimates of different sizes: the numbers of the employed and the unemployed by gender, age and region.**<sup>1)</sup>

	Annual estimate	Annual estimate's 95% confidence interval	Standard error	Relative standard error
	persons	persons	persons	%
<b>Employed</b>	2 400 000	± 15 700	8 000	0,3
	1 200 000	± 11 400	5 800	0,5
	600 000	± 7 800	4 000	0,7
	300 000	± 6 100	3 100	1,0
	100 000	± 3 300	1 700	1,7
	50 000	± 2 500	1 300	2,6
	10 000	± 800	400	4,0
<b>Unemployed</b>	230 000	± 7 100	3 600	1,6
	120 000	± 5 700	2 900	2,4
	90 000	± 4 500	2 300	2,6
	60 000	± 3 500	1 800	3,0
	30 000	± 2 400	1 200	4,0
	20 000	± 2 000	1 000	5,0
	10 000	± 1 600	800	8,0

1) The data can be used as indicative estimates of the accuracy of comparable numbers of the employed and unemployed by gender, age and region.

### *Statistical description of the reliability of estimation*

The estimation procedure of the Labour Force Survey is based on the calibration of weights in which the original sample weights calculated on the basis of the sample design are adjusted with a regression model to get the desired population distributions.

The accuracy of estimates is evaluated on the basis of their standard error. **Standard error** (the square root of the sample variance) describes how neatly the value of the parameter estimated from the observations is concentrated around the parameter of the population. The magnitude of the standard error is affected by sample design, the number of observations in the relevant population or subgroup, variation due to the distribution of the research variable as well as properties of the mathematical formula.

Key figures of reliability derived from the standard error are the confidence intervals and relative standard error. **Confidence interval** describes the width of the range in which the real value of the parameter is relative to the estimate calculated from the sample. When calculating the confidence interval, the desired level of risk is fixed. The 5 per cent risk level applied in the Labour Force Survey means that if the samples were drawn again, in 95 cases out of one hundred the real value of the parameter would be within the confidence interval and in 5 cases out of one hundred it would be outside the confidence interval.

**Relative standard error** (coefficient of variation) is the percentage share of the standard error of the estimate. Proportioning the standard error to the estimate's size removes the effect of the scale of the variable. Hence the values of the relative standard error of different variables and the values of the standard error of the same variable in different subgroups are easy to compare with one another.

In the monthly and quarterly data of the Labour Force Survey, the estimator of the standard error is the variance estimator of the generalised regression estimator (GREG). The statistical accuracy of the annual estimates and its evaluation is also affected by the fact that the sample of the Labour Force Survey changes gradually during the year. In consecutive quarters 60 per cent of the respondents are the same. During one year 90 per cent of the interviewees have been interviewed at least twice. The responses given by the same persons in different interviews during the year correlate to one another if the person's labour market status does not change between interviews. To account for this correlation in variance estimation, the Labour Force Survey uses an approximation of single stage cluster sampling in which a within-cluster variance is calculated for persons interviewed several times during the year. Clusters are formed on the basis of interviewee's age. Within-cluster variance is zero if the interviewee's labour market status does not change during the year between different interviews.

For example, the standard error calculated for annual estimate of the unemployed in a subgroup of 230,000 persons is 3,600 persons and the confidence interval is 230,000 ± 7,100 persons. If the interviews on which the



annual estimate is based had all been with different persons, the standard error of the estimate of the unemployed had been 2,300 persons and the confidence interval  $230,000 \pm 4,500$  persons. Interviewing the same persons again in different quarters of the year explains why the difference in the accuracy of the annual and quarterly data of the Labour Force Survey is not as big as could be expected on the basis of the number of interviews conducted.

#### **4. Timeliness and promptness of published data**

The results of the Labour Force Survey are released monthly, quarterly and annually. Quarterly and annual results are the averages of monthly results, i.e. they describe the situation on an "average" week during the survey period. Data on labour input are sums of the results of periods. The released data are final. Only seasonal adjustment slightly alters the latest seasonally adjusted monthly results.

Monthly data are released approximately three weeks from the end of the survey month. Quarterly data are released simultaneously with the last monthly data of each quarter. Quarterly data are statistically more reliable than monthly data and contain more detailed data, inter alia, employment and labour input by industry and more specific regional data. Quarterly deliveries of data are made to the EU, which are used to compile statistics on EU Member States. The most detailed data are released in the annual statistics which is finalised approximately six months from the end of the survey year.

#### **5. Accessibility and transparency/clarity of data**

The results of the Labour Force Survey are published in the Labour market series of the Official Statistics of Finland. The key monthly and quarterly results are released on predefined days in the Internet on the home page of the Labour Force Survey [http://tilastokeskus.fi/til/tyti/index\\_en](http://tilastokeskus.fi/til/tyti/index_en). The links on the home page lead, among other things, to a description of the statistics, concepts and definitions as well as the free of charge tables from the statistical databases of the Labour Force Survey (StatFin). Data are available over the Internet also from Statistics Finland's chargeable time series database (ASTIKA).

The annual publication of the labour force statistics contains a description of survey methodology, definitions of key concepts, descriptions of classifications used as well as the survey questionnaire. The tables of the annual publication are available also in electronic form. Statistics on the education of the labour force and occupational structure are published every other year in the OSF Labour market series. In addition, Labour Force Survey data have been published regularly in the Statistical Yearbook of Finland and the Bulletin of Statistics. Chargeable special compilations can be requested from the Labour Force Survey's information service.

Labour Force Survey data are not released outside Statistics Finland in identifiable form (Statistics Act 280/2004, Personal Data Act 523/1999). Data can only be released for purposes of scientific research and statistical study on the basis of a specific authorised permission and all the identifiers must be removed from it. The data files for the EU Labour Force Survey are delivered to Eurostat, the Statistical Office of the European Communities, without identifiers. Labour Force Survey data are protected according to the protection class defined in Statistics Finland's data protection guidelines.

Information service: [tyovoimatutkimus@stat.fi](mailto:tyovoimatutkimus@stat.fi) and tel. +358 9 17341.

#### **6. Comparability of statistics**

A monthly Labour Force Survey has been conducted since 1959. During this time the data content, data collection methods and methodology have been revised on several occasions. A comparable time series of the key data exists since 1989.

In the beginning, the survey with more limited data content was conducted as a postal inquiry. In 1976 the data contents expanded and methodology was modernised. During 1977–1993 the survey consisted of a monthly inquiry and supplementary annual interviews conducted over the telephone. The data collection of the monthly inquiry was changed in 1983 from a postal inquiry to a telephone interview, as a result of which non-response dropped from 30 to 4 per cent.

When Finland joined the European Union, the Labour Force Survey was harmonised with the EU Labour Force Survey. In the beginning, during 1995–1998, the EU Labour Force Survey data were collected as a separate

interview survey in the spring. The monthly survey was gradually revised to correspond to the EU Labour Force Survey. In 1997 the data content of the monthly survey was extended, the data collection became a computer-assisted telephone interview (CATI) and the concepts and definitions were harmonised to match the guidelines and recommendations of the European Union and the UN's International Labour Organization (ILO) better than before. The definition of an unemployed person was revised in May 1998 and the published time series were revised to correspond with the new definitions retroactively as from 1989 onwards.

In April 1999 the Labour Force Survey's data content extended again with the combining of the monthly survey and the EU Labour Force Survey into a single continuous Labour Force Survey. As from the beginning of the year 2000 the survey changed over into a continuous survey week, whereas previously data for each month had been collected on one survey week. This change-over affected data on working days and hours worked, which are not entirely comparable with earlier data as from the year 2000 onwards. As from the year 2003 the data content of the survey extended with the so-called household module, which is collected from a subsample.

### *7. Coherence and consistency/uniformity*

In addition to the Labour Force Survey, Statistics Finland's statistics related to the labour market include the Job vacancy survey, the Quality of working life survey, statistics on labour disputes, statistics on accidents at work as well as an annual register-based employment statistics (RES).

Of these the RES provides data on the labour market activities of the population ([http://tilastokeskus.fi/til/tyokay/index\\_en.html](http://tilastokeskus.fi/til/tyokay/index_en.html)). Its data differ from those of the Labour Force Survey due to data collection methods and definitions of the employed and the unemployed. The RES is based on total data derived from the administrative data of different authorities. The RES data on a person's activities refer mainly to the last week in the year. Data on unemployment is based on the Ministry of Employment and the Economy's register of unemployed job seekers. The statistics are finalised in a good 1 ½ years, preliminary data are ready after roughly one year. Since employment statistics are total data, they offer better regional data (also data on municipalities) as well as better data on small population groups, e.g. small industries and occupations than the Labour Force Survey. The concepts of the employment statistics based on administrative registers are not internationally comparable.

Statistics Finland uses the Labour Force Survey data in the compilation of National Accounts. Because of this, among other things, the definitions of the key concepts in the Labour Force Survey such as population, employment, working hours, follow as closely as possible the recommendations of the national accounts (the UN System of National Accounts, SNA, and the European System of Accounts, ESA). The definition of the public sector used in the Labour Force Survey is somewhat different from the sectoral classification of the national accounts. In national accounts, conscripts are classified as employed, according to the ILO recommendation, whereas in the Labour Force Survey, conscripts are regarded as economically inactive.

The results of the Finnish Labour Force Survey published by Eurostat, the Statistical Office of the European Communities, differ from those published in Finland in that conscripts are not included in the Eurostat data. In most EU countries conscripts are not included in the target group of the Labour Force Survey, i.e. the so-called household population. This causes differences especially in the results concerning the 15 to 24-year-olds.

The Ministry of Employment and the Economy also publishes data on unemployed job seekers. The Ministry's data are based on the register based Employment Service Statistics, which describe the last working day of the month. The definition of unemployed applied in the Employment Service Statistics is based on legislation and administrative orders which make the statistical data internationally incomparable. In the Employment Service Statistics an unemployed person is not expected to seek work as actively as in the Labour Force Survey. There are differences also in the acceptance of students as unemployed.

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Suomen virallinen tilasto  
Finlands officiella statistik  
Official Statistics of Finland

*Labour Market 2010*

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