

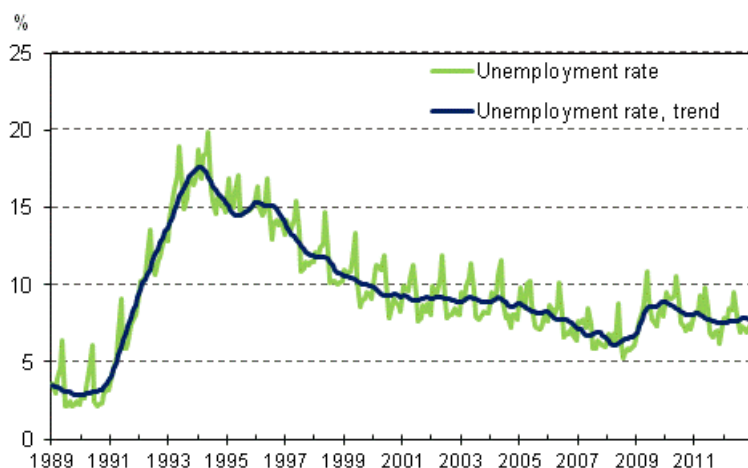
Labour Force Survey

2012, December, 4th quarter and full year

Unemployment rate 6.9 per cent in December

According to Statistics Finland's Labour Force Survey, the number of unemployed persons in December 2012 was 180,000, which was 12,000 lower than one year ago. The unemployment rate was 6.9 per cent, having been 7.4 per cent in December of the year before. The amount of employed persons was nearly the same as in December 2011. The unemployment rate in the fourth quarter (October to December) was 7.0 per cent, which was 0.2 percentage points higher than in the respective quarter of 2011. In 2012, the employment rate was 7.7 per cent, having been 7.8 per cent in 2011.

Unemployment rate and trend of unemployment rate 1989/01 – 2012/12



In December 2012, the number of **employed persons** was 2,413,000, which was 2,000 higher than a year earlier (margin of error \pm 31,000). There were 12,000 more employed men and 10,000 less employed women than in December 2011.

In December, the **employment rate**, that is, the proportion of the employed among persons aged 15 to 64, stood at 67.3 per cent, which was 0.2 percentage points higher than one year before. Adjusted for seasonal and random variation, the trend of the employment rate was 68.8 per cent. The employment rate

for women fell by 0.5 percentage points from last year's December to 65.5 per cent. The employment rate for men rose by 0.8 percentage points to 68.9 per cent.

According to the Labour Force Survey of Statistics Finland, there were 180,000 **unemployed** in December 2012, i.e. 12,000 fewer than in December of the year before (margin of error \pm 16,000). The number of unemployed men was 102,000 and that of women 78,000.

At 6.9 per cent, the **unemployment rate** was 0.4 percentage points lower in December than one year earlier. Men's unemployment rate was 7.5 per cent and women's 6.3 per cent. The trend of the unemployment rate was 7.7 per cent. In December 2012, the unemployment rate among young people aged 15 to 24 was 16.4 per cent, which was 1.4 percentage points lower than in the previous year's December. The trend of the unemployment rate among young people was 18.8 per cent.

Changes in employment 2011/12 – 2012/12 according to Statistics Finland's Labour Force Survey, population aged 15 to 74

	Year/Month		Change
	2011/12	2012/12	2011/12 - 2012/12
	1000 persons		Per cent, %
Population total	4 067	4 082	0,4
Active population total	2 603	2 593	-0,4
Employed	2 411	2 413	0,1
– employees	2 074	2 079	0,3
– self-employed persons and unpaid family workers	337	334	-1,0
Unemployed	192	180	-6,1
Inactive population	1 464	1 489	1,7
	Per cent, %		Percentage points
Employment rate, persons aged 15 to 64	67,1	67,3	0,2
Unemployment rate	7,4	6,9	-0,4
Activity rate	64,0	63,5	-0,5
Unrounded figures are used in the Change column. The data comply with the ILO/EU definition.			

Labour Force Survey data for the fourth quarter of 2012

The average number of **employed persons** in the fourth quarter of 2012 (October-December) was 2,448,000, or 9,000 lower than in the corresponding quarter of 2011. The number of employed persons increased most in the hotels and restaurants industry and in professional, scientific and technical activities and decreased in financial intermediation and insurance and in manufacturing.

The **number of hours worked by employed persons** was 1.1 per cent lower in the fourth quarter of 2012 than twelve months previously.

The average number of **unemployed persons** in the fourth quarter of 2012 was 185,000, which was 4,000 more than in the October to December period of 2011. The unemployment rate in the fourth quarter of the year was seven per cent, which was 0.2 percentage points higher than in the respective period of 2011.

In the last quarter of 2012, the number of **persons in the inactive population** was 1,447,000, which was 20,000 higher than a year earlier. One sub-group of the inactive population is persons in disguised unemployment. The number of persons in disguised unemployment in the fourth quarter of 2012 was 127,000, which was 22,000 more than in the corresponding period of 2011.

Changes in employment 2011/IV – 2012/IV according to Statistics Finland's Labour Force Survey, population aged 15 to 74

	Year/Quarter		Change
	2011/IV	2012/IV	2011/IV - 2012/IV
	1000 persons		Per cent (%)
Active population total	2 637	2 633	-0,2
Employed persons total	2 456	2 448	-0,3
Unemployed total	181	185	2,2
– men	106	105	-0,4
– women	75	80	6,0
Inactive population	1 428	1 447	1,4
– disguised unemployed	105	127	21,5

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

Labour Force Survey annual averages for 2012

In 2012, the average number of **employed persons** was 2,483,000, which was 10,000 more than in 2011. In 2012, the employment rate was 69.0 per cent, having been 68.6 per cent in 2011.

The unemployment rate for 2012 was 7.7 per cent. In 2011, the unemployment rate was 7.8 per cent and in 2010, it was 8.4 per cent. In 2012, the average number of **unemployed persons** was 207,000, which was 2,000 lower than in 2011.

In 2012, the **number of hours worked by employed persons** was roughly the same as in 2011. The amount of labour input per employed person also remained almost unchanged.

The annual averages from the Labour Force Survey for the year 2012 have been published in the database tables of Statistics Finland's Labour Force Survey: http://pxweb2.stat.fi/database/StatFin/tym/tyti/tyti_en.asp. A general review on annual data concerning 2012 will be released on 05/03/2013.

Employment Service Statistics of the Ministry of Employment and the Economy

At the end of December 2012, there were altogether 282,000 persons registered in accordance with the Employment Office Regulations as job seekers at the **employment and economic development offices**. The number of unemployed job seekers was 27,000 higher than in December 2011.

Unemployment increased from the previous year's December in the areas of all Employment and Economic Development Centres; most in Varsinais-Suomi (16%), Pirkanmaa (13%), North Ostrobothnia (13%) and Åland (29%). At the end of December, the number of temporarily laid off persons registered at the employment and economic development offices was 24,000, which was 5,000 higher than twelve months earlier.

The number of persons covered by labour market policy measures totalled 102,000 at the end of December, which was 3,000 fewer than in December of the year before. Altogether 3.9 per cent of the labour force was covered by labour market policy measures.

There were 35,000 unemployed job seekers aged under 25 registered at the employment and economic development offices. Their number was 3,000 higher than in December of the year before. During December, 29,000 new vacancies were reported to the employment and economic development offices, which is 5,000 fewer than in December 2011.

Changes 2011/12– 2012/12 according to the Employment Service Statistics of the Ministry of Employment and the Economy

	Year/Month		Change
	2011/12	2012/12	2011/12 - 2012/12
	1000 persons		Per cent, %
Unemployed job seekers	255	282	10,5
– unemployed over a year	57	66	15,8
Total measures	104	102	–2,4
– employed with subsidised measures	33	28	–15,3
– in labour market training	26	27	2,0
– in trainee and job alternation places	18	19	3,3
– in rehabilitative work, self-motivated studies (supported by unemployment benefit)	27	29	5,0
New vacancies at employment and economic development offices	34	29	–13,5
Unrounded figures are used in the Change column.			

Contact information for the Ministry of Employment and the Economy:
 Petri Syvänen tel. +358 29 504 8050, <http://www.tem.fi/employmentbulletin>

Links

[Labour Force Survey tables in databases](#)

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](#)

[Comparison between the statistics of Statistics Finland and the Ministry of Employment and the Economy](#)

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

[Job vacancy survey](#)

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Appendix tables 2012, December

Appendix table 1. Key indicators in the Labour Force Survey by sex 2011/12 - 2012/12

		Year/Month		Change
		2011/12	2012/12	2011/12 - 2012/12
		Per cent, %	Per cent, %	Percentage points
Indicator	Sex			
Employment rate, persons aged 15–64	Both sexes	67,1	67,3	0,2
	Males	68,1	68,9	0,8
	Females	66,0	65,5	-0,5
Unemployment rate, persons aged 15–74	Both sexes	7,4	6,9	-0,4
	Males	8,4	7,5	-0,9
	Females	6,3	6,3	0,0
Activity rate, persons aged 15–74	Both sexes	64,0	63,5	-0,5
	Males	66,6	66,3	-0,3
	Females	61,4	60,7	-0,7

Appendix table 2. Population aged 15-74 by labour force status and sex 2011/12 - 2012/12

		Year/Month		Change	Change
		2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Labour force status				
Both sexes	Population total	4 067	4 082	15	0,4
	Active population total	2 603	2 593	-10	-0,4
	- employed	2 411	2 413	2	0,1
	- unemployed	192	180	-12	-6,1
	Inactive population	1 464	1 489	25	1,7
Males	Population total	2 036	2 044	8	0,4
	Active population total	1 356	1 356	0	0,0
	- employed	1 242	1 254	12	0,9
	- unemployed	114	102	-12	-10,2
	Inactive population	681	689	8	1,2
Females	Population total	2 030	2 037	7	0,3
	Active population total	1 247	1 237	-10	-0,8
	- employed	1 169	1 159	-10	-0,8
	- unemployed	78	78	-0	-0,1
	Inactive population	784	800	17	2,1

Appendix table 3. Population by sex and age 2011/12 - 2012/12

		Year/Month		Change	
		2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Age group				
Both sexes	15-74	4 067	4 082	15	0,4
	15-64	3 533	3 518	-15	-0,4
	15-24	660	661	0	0,0
	25-34	685	686	1	0,1
	35-44	660	658	-3	-0,4
	45-54	748	745	-3	-0,4
	55-64	780	770	-10	-1,3
Males	15-74	2 036	2 044	8	0,4
	15-64	1 788	1 781	-7	-0,4
	15-24	338	340	2	0,5
	25-34	352	352	-0	0,0
	35-44	337	336	-2	-0,6
	45-54	376	374	-1	-0,3
	55-64	385	379	-5	-1,4
Females	15-74	2 030	2 037	7	0,3
	15-64	1 746	1 738	-8	-0,5
	15-24	322	321	-1	-0,4
	25-34	333	334	1	0,2
	35-44	323	322	-1	-0,3
	45-54	372	370	-2	-0,4
	55-64	395	390	-5	-1,2

Appendix table 4. Active population by sex and age 2011/12 - 2012/12

		Year/Month		Change	
		2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Age group				
Both sexes	15-74	2 603	2 593	-10	-0,4
	15-64	2 563	2 546	-17	-0,7
	15-24	271	273	2	0,7
	25-34	569	548	-21	-3,7
	35-44	587	587	0	0,0
	45-54	667	660	-6	-0,9
	55-64	469	478	8	1,8
Males	15-74	1 356	1 356	0	0,0
	15-64	1 332	1 329	-3	-0,2
	15-24	139	137	-2	-1,2
	25-34	312	312	0	0,1
	35-44	310	313	3	1,0
	45-54	339	337	-2	-0,5
	55-64	233	231	-3	-1,2
Females	15-74	1 247	1 237	-10	-0,8
	15-64	1 231	1 217	-14	-1,2
	15-24	133	136	4	2,7
	25-34	257	236	-21	-8,2
	35-44	278	274	-3	-1,1
	45-54	328	324	-5	-1,4
	55-64	236	247	11	4,7

Appendix table 5. Activity rates by sex and age 2011/12 - 2012/12

		Year/Month		Change
		2011/12	2012/12	2011/12 - 2012/12
		Per cent, %	Per cent, %	Percentage points
Sex	Age group			
Both sexes	15-74	64,0	63,5	-0,5
	15-64	72,5	72,4	-0,2
	15-24	41,1	41,4	0,3
	25-34	83,0	79,9	-3,1
	35-44	88,9	89,3	0,4
	45-54	89,2	88,7	-0,5
	55-64	60,2	62,1	1,9
Males	15-74	66,6	66,3	-0,3
	15-64	74,5	74,6	0,2
	15-24	41,1	40,4	-0,7
	25-34	88,5	88,6	0,1
	35-44	91,7	93,2	1,4
	45-54	90,1	90,0	-0,1
	55-64	60,7	60,8	0,1
Females	15-74	61,4	60,7	-0,7
	15-64	70,5	70,0	-0,5
	15-24	41,1	42,4	1,3
	25-34	77,1	70,7	-6,5
	35-44	85,9	85,2	-0,7
	45-54	88,2	87,4	-0,9
	55-64	59,7	63,3	3,6

Appendix table 6. Employed persons by sex and age 2011/12 - 2012/12

		Year/Month		Change	
		2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Age group				
Both sexes	15-74	2 411	2 413	2	0,1
	15-64	2 371	2 367	-5	-0,2
	15-24	223	229	6	2,4
	25-34	517	511	-6	-1,2
	35-44	559	559	1	0,1
	45-54	636	620	-16	-2,5
	55-64	436	448	12	2,6
Males	15-74	1 242	1 254	12	0,9
	15-64	1 218	1 228	10	0,8
	15-24	111	114	4	3,2
	25-34	281	291	10	3,6
	35-44	293	299	6	2,0
	45-54	323	312	-11	-3,5
	55-64	211	212	1	0,5
Females	15-74	1 169	1 159	-10	-0,8
	15-64	1 153	1 139	-14	-1,2
	15-24	112	114	2	1,7
	25-34	237	220	-16	-6,9
	35-44	265	260	-5	-2,1
	45-54	313	309	-5	-1,5
	55-64	225	236	11	4,7

Appendix table 7. Employment rates by sex and age 2011/12 - 2012/12

		Year/Month		Change
		2011/12	2012/12	2011/12 - 2012/12
		Per cent, %	Per cent, %	Percentage points
Sex	Age group			
Both sexes	15-74	59,3	59,1	-0,2
	15-64	67,1	67,3	0,2
	15-24	33,8	34,6	0,8
	25-34	75,5	74,5	-1,0
	35-44	84,6	85,1	0,4
	45-54	85,1	83,3	-1,8
	55-64	55,9	58,2	2,2
Males	15-74	61,0	61,3	0,3
	15-64	68,1	68,9	0,8
	15-24	32,8	33,7	0,9
	25-34	79,7	82,6	2,9
	35-44	87,0	89,2	2,3
	45-54	85,9	83,2	-2,7
	55-64	54,8	55,8	1,0
Females	15-74	57,6	56,9	-0,7
	15-64	66,0	65,5	-0,5
	15-24	34,8	35,6	0,7
	25-34	71,0	66,0	-5,1
	35-44	82,2	80,7	-1,4
	45-54	84,2	83,3	-0,9
	55-64	57,1	60,4	3,4

Appendix table 8. Employed persons aged 15-74 by status in employment 2011/12 - 2012/12

	Year/Month		Change	Change
	2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
	1000 persons	1000 persons	1000 persons	Per cent, %
Status in employment				
Employed persons total	2 411	2 413	2	0,1
Employees total	2 074	2 079	5	0,3
Self-employed persons and unpaid family workers	337	334	-3	-1,0

Appendix table 9. Employed persons aged 15-74 by employer sector 2011/12 - 2012/12

	Year/Month		Change	Change
	2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
	1000 persons	1000 persons	1000 persons	Per cent, %
Employer sector				
Employer sector total (incl. employer sector unknown)	2 411	2 413	2	0,1
Private sector	1 758	1 758	0	0,0
Public sector	644	646	2	0,4
- central government	144	138	-6	-4,2
- local government	500	508	9	1,7

Appendix table 10. Employed persons aged 15-74 by Regional State Administrative Agencies (AVI) 2011/12 - 2012/12

	Year/Month		Change	
	2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
	1000 persons	1000 persons	1000 persons	Per cent, %
Regional State Administrative Agencies				
Whole country (incl. Åland)	2 411	2 413	2	0,1
Southern Finland AVI	1 065	1 078	13	1,2
Southwestern Finland AVI	301	299	-2	-0,7
Eastern Finland AVI	230	227	-4	-1,5
Western and Inland Finland AVI	532	527	-6	-1,0
Northern Finland AVI	196	192	-4	-2,0
Lapland AVI	71	75	3	4,6

Appendix table 11. Part-time employed persons aged 15-74 by sex 2011/12 - 2012/12

	Year/Month		Change	
	2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
	1000 persons	1000 persons	1000 persons	Per cent, %
Sex				
Both sexes	375	373	-2	-0,6
Males	141	132	-10	-6,9
Females	234	242	8	3,3

Appendix table 12. Proportion of part-time employed persons in all employed persons aged 15-74 by sex 2011/12 - 2012/12, %

	Year/Month		Change
	2011/12	2012/12	2011/12 - 2012/12
	Per cent, %	Per cent, %	Percentage points
Sex			
Both sexes	15,6	15,5	-0,1
Males	11,4	10,5	-0,9
Females	20,0	20,8	0,8

Appendix table 13. Employees aged 15-74 by type of employment relationship 2011/12 - 2012/12

	Year/Month		Change	
	2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
	1000 persons	1000 persons	1000 persons	Per cent, %
Employment relationship				
Employees total	2 074	2 079	5	0,3
- permanent full-time work	1 556	1 559	4	0,2
- permanent part-time work	228	219	-9	-3,9
- temporary (fixed-term) full-time work	203	211	8	3,9
- temporary (fixed-term) part-time work	87	90	3	2,9
Temporary (fixed-term) work total	290	301	11	3,6
Part-time work total	315	309	-6	-2,0

Appendix table 14. Employees aged 15-74 by type of employment relationship 2011/12 - 2012/12, %

	Year/Month		Change
	2011/12	2012/12	2011/12 - 2012/12
	Per cent, %	Per cent, %	Percentage points
Employees total	100,0	100,0	0,0
- permanent full-time work	75,0	75,0	0,0
- permanent part-time work	11,0	10,5	-0,5
- temporary (fixed-term) full-time work	9,8	10,1	0,4
- temporary (fixed-term) part-time work	4,2	4,3	0,1
Temporary (fixed-term) work total	14,0	14,5	0,5
Part-time work total	15,2	14,9	-0,3

Appendix table 15. Unemployed persons by sex and age 2011/12 - 2012/12

		Year/Month		Change	Change
		2011/12	2012/12	2011/12 - 2012/12	2011/12 - 2012/12
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Age group				
Both sexes	15-74	192	180	-12	-6,1
	15-64	192	180	-12	-6,3
	15-24	48	45	-4	-7,3
	25-34	51	37	-15	-28,3
	35-44	28	28	-1	-1,9
	45-54	31	40	10	31,2
	55-64	33	30	-3	-9,3
Males	15-74	114	102	-12	-10,2
	15-64	114	102	-12	-10,6
	15-24	28	23	-5	-18,6
	25-34	31	21	-10	-31,6
	35-44	16	13	-3	-17,7
	45-54	16	25	10	60,5
	55-64	23	19	-4	-16,5
Females	15-74	78	78	-0	-0,1
	15-64	78	78	-0	-0,1
	15-24	20	22	2	8,4
	25-34	21	16	-5	-23,3
	35-44	12	14	2	19,2
	45-54	15	15	0	0,0
	55-64	11	11	1	6,1

Appendix table 16. Unemployment rates by sex and age 2011/12 - 2012/12

		Year/Month		Change
		2011/12	2012/12	2011/12 - 2012/12
		Per cent, %	Per cent, %	Percentage points
Sex	Age group			
Both sexes	15-74	7,4	6,9	-0,4
	15-64	7,5	7,1	-0,4
	15-24	17,8	16,4	-1,4
	25-34	9,0	6,7	-2,3
	35-44	4,8	4,7	-0,1
	45-54	4,6	6,1	1,5
	55-64	7,1	6,3	-0,8
Males	15-74	8,4	7,5	-0,9
	15-64	8,5	7,6	-0,9
	15-24	20,2	16,6	-3,6
	25-34	9,9	6,8	-3,1
	35-44	5,2	4,2	-1,0
	45-54	4,7	7,5	2,9
	55-64	9,7	8,2	-1,5
Females	15-74	6,3	6,3	0,0
	15-64	6,3	6,4	0,1
	15-24	15,2	16,1	0,8
	25-34	8,0	6,7	-1,3
	35-44	4,4	5,2	0,9
	45-54	4,5	4,6	0,1
	55-64	4,5	4,5	0,1

Appendix table 17. Unemployment rates by Regional State Administrative Agencies (AVI) 2011/12 - 2012/12, persons aged 15-74

	Year/Month		Change
	2011/12	2012/12	2011/12 - 2012/12
	Per cent, %	Per cent, %	Percentage points
Regional State Administrative Agencies			
Whole country (incl. Åland)	7,4	6,9	-0,4
Southern Finland AVI	6,5	5,6	-0,9
Southwestern Finland AVI	8,4	8,6	0,1
Eastern Finland AVI	10,9	9,9	-1,1
Western and Inland Finland AVI	6,8	6,5	-0,3
Northern Finland AVI	7,1	9,4	2,3
Lapland AVI	.	.	.

Appendix table 18. Seasonally adjusted trends 2012/12

	Employed	Unemployed	Unemployed job seekers (MEE)	Unemployment rate, persons aged 15–74	Unemployment rate, persons aged 15–24
	1000 persons	1000 persons	1000 persons	Per cent, %	Per cent, %
2010/12	2 456	217	252	8,1	20,2
2011/01	2 459	217	250	8,1	20,2
2011/02	2 461	218	249	8,1	20,4
2011/03	2 465	217	247	8,1	20,6
2011/04	2 469	212	245	7,9	20,5
2011/05	2 472	209	244	7,8	20,3
2011/06	2 475	210	243	7,8	20,2
2011/07	2 475	207	243	7,7	20,0
2011/08	2 476	204	242	7,7	19,7
2011/09	2 478	204	241	7,6	19,4
2011/10	2 480	203	241	7,5	19,2
2011/11	2 482	201	240	7,5	19,1
2011/12	2 482	203	241	7,5	19,3
2012/01	2 483	203	242	7,6	19,4
2012/02	2 485	204	244	7,6	19,3
2012/03	2 487	206	245	7,6	19,0
2012/04	2 488	206	247	7,6	18,7
2012/05	2 488	204	248	7,6	18,4
2012/06	2 487	204	250	7,6	18,3
2012/07	2 487	209	252	7,8	18,6
2012/08	2 485	213	255	7,9	19,0
2012/09	2 482	212	258	7,9	19,2
2012/10	2 479	210	262	7,8	19,1
2012/11	2 475	208	265	7,8	18,9
2012/12	2 473	206	267	7,7	18,8

Appendix tables 2012, 4th quarter

Appendix table 19. Key indicators in the Labour Force Survey by sex 2011/IV - 2012/IV

		Year/Quarter		Change
		2011/IV	2012/IV	2011/IV - 2012/IV
		Per cent, %	Per cent, %	Percentage points
Indicator	Sex			
Employment rate, persons aged 15–64	Both sexes	68,2	68,1	-0,1
	Males	69,2	69,0	-0,2
	Females	67,2	67,2	0,0
Unemployment rate, persons aged 15–74	Both sexes	6,9	7,0	0,2
	Males	7,7	7,7	0,0
	Females	5,9	6,3	0,3
Activity rate, persons aged 15–74	Both sexes	64,9	64,5	-0,4
	Males	67,4	66,8	-0,6
	Females	62,4	62,2	-0,2

Appendix table 20. Population aged 15-74 by labour force status and sex 2011/IV - 2012/IV

		Year/Quarter		Change	
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Labour force status				
Both sexes	Population total	4 065	4 080	15	0,4
	Active population total	2 637	2 633	-5	-0,2
	- employed	2 456	2 448	-9	-0,3
	- unemployed	181	185	4	2,2
	Inactive population	1 428	1 447	20	1,4
Males	Population total	2 035	2 044	8	0,4
	Active population total	1 372	1 366	-6	-0,4
	- employed	1 266	1 260	-5	-0,4
	- unemployed	106	105	-0	-0,4
	Inactive population	664	678	14	2,1
Females	Population total	2 029	2 037	7	0,3
	Active population total	1 266	1 267	1	0,1
	- employed	1 190	1 187	-3	-0,3
	- unemployed	75	80	5	6,0
	Inactive population	764	770	6	0,8

Appendix table 21. Population by sex and age 2011/IV - 2012/IV

		Year/Quarter		Change		
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV	
		1000 persons	1000 persons	1000 persons	Per cent, %	
Sex	Age group					
Both sexes	15-74	4 065	4 080	15	0,4	
	15-64	3 534	3 519	-15	-0,4	
	15-24	660	661	1	0,1	
	25-34	685	686	1	0,1	
	35-44	661	658	-3	-0,5	
	45-54	748	745	-3	-0,4	
	55-64	780	770	-10	-1,3	
	Males	15-74	2 035	2 044	8	0,4
Males	15-64	1 788	1 781	-7	-0,4	
	15-24	338	338	0	0,1	
	25-34	352	352	-0	0,0	
	35-44	337	336	-1	-0,3	
	45-54	376	375	-1	-0,4	
	55-64	385	380	-5	-1,2	
	Females	15-74	2 029	2 037	7	0,3
	Females	15-64	1 746	1 738	-8	-0,4
15-24		322	323	0	0,1	
25-34		333	334	1	0,2	
35-44		323	321	-2	-0,6	
45-54		372	370	-2	-0,4	
55-64		396	390	-5	-1,4	

Appendix table 22. Active population by sex and age 2011/IV - 2012/IV

		Year/Quarter		Change	
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Age group				
Both sexes	15-74	2 637	2 633	-5	-0,2
	15-64	2 591	2 581	-10	-0,4
	15-24	275	292	17	6,1
	25-34	571	561	-10	-1,7
	35-44	596	588	-8	-1,4
	45-54	672	662	-10	-1,4
	55-64	477	479	1	0,2
Males	15-74	1 372	1 366	-6	-0,4
	15-64	1 342	1 334	-9	-0,6
	15-24	136	140	4	2,8
	25-34	314	311	-3	-1,0
	35-44	312	315	2	0,7
	45-54	340	333	-7	-2,1
	55-64	239	235	-4	-1,8
Females	15-74	1 266	1 267	1	0,1
	15-64	1 248	1 247	-1	-0,1
	15-24	138	151	13	9,4
	25-34	257	250	-6	-2,5
	35-44	284	273	-11	-3,7
	45-54	332	329	-3	-0,8
	55-64	238	243	5	2,3

Appendix table 23. Activity rates by sex and age 2011/IV - 2012/IV

		Year/Quarter		Change
		2011/IV	2012/IV	2011/IV - 2012/IV
		Per cent, %	Per cent, %	Percentage points
Sex	Age group			
Both sexes	15-74	64,9	64,5	-0,4
	15-64	73,3	73,3	0,0
	15-24	41,6	44,1	2,5
	25-34	83,3	81,8	-1,5
	35-44	90,2	89,4	-0,8
	45-54	89,9	88,9	-1,0
	55-64	61,2	62,1	0,9
Males	15-74	67,4	66,8	-0,6
	15-64	75,1	74,9	-0,2
	15-24	40,4	41,5	1,1
	25-34	89,3	88,4	-0,9
	35-44	92,6	93,6	1,0
	45-54	90,4	88,8	-1,6
	55-64	62,2	61,9	-0,4
Females	15-74	62,4	62,2	-0,2
	15-64	71,5	71,7	0,3
	15-24	42,9	46,9	4,0
	25-34	76,9	74,9	-2,1
	35-44	87,7	85,0	-2,7
	45-54	89,3	89,0	-0,3
	55-64	60,2	62,4	2,2

Appendix table 24. Employed persons by sex and age 2011/IV - 2012/IV

		Year/Quarter		Change	
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Age group				
Both sexes	15-74	2 456	2 448	-9	-0,3
	15-64	2 410	2 397	-13	-0,6
	15-24	230	245	15	6,3
	25-34	529	523	-6	-1,2
	35-44	568	557	-11	-2,0
	45-54	636	623	-13	-2,0
	55-64	446	448	2	0,4
Males	15-74	1 266	1 260	-5	-0,4
	15-64	1 237	1 229	-8	-0,6
	15-24	111	117	5	4,7
	25-34	290	289	-1	-0,3
	35-44	297	297	-0	-0,1
	45-54	319	310	-9	-2,7
	55-64	220	217	-3	-1,4
Females	15-74	1 190	1 187	-3	-0,3
	15-64	1 173	1 168	-6	-0,5
	15-24	119	128	9	7,9
	25-34	239	234	-5	-2,2
	35-44	271	260	-11	-4,0
	45-54	317	313	-4	-1,3
	55-64	227	232	5	2,3

Appendix table 25. Employment rates by sex and age 2011/IV - 2012/IV

		Year/Quarter		Change
		2011/IV	2012/IV	2011/IV - 2012/IV
		Per cent, %	Per cent, %	Percentage points
Sex	Age group			
Both sexes	15-74	60,4	60,0	-0,4
	15-64	68,2	68,1	-0,1
	15-24	34,9	37,1	2,2
	25-34	77,2	76,2	-1,0
	35-44	86,0	84,7	-1,3
	45-54	85,1	83,7	-1,4
	55-64	57,2	58,2	1,0
Males	15-74	62,2	61,7	-0,5
	15-64	69,2	69,0	-0,2
	15-24	32,9	34,5	1,5
	25-34	82,4	82,1	-0,2
	35-44	88,1	88,3	0,2
	45-54	84,8	82,8	-2,0
	55-64	57,1	57,0	-0,1
Females	15-74	58,7	58,3	-0,4
	15-64	67,2	67,2	0,0
	15-24	36,9	39,8	2,9
	25-34	71,8	70,0	-1,7
	35-44	83,9	81,0	-2,9
	45-54	85,3	84,6	-0,8
	55-64	57,3	59,4	2,1

Appendix table 26. Employed persons aged 15-74 by status in employment 2011/IV - 2012/IV

	Year/Quarter		Change	Change
	2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
	1000 persons	1000 persons	1000 persons	Per cent, %
Status in employment				
Employed persons total	2 456	2 448	-9	-0,3
Employees total	2 122	2 119	-3	-0,2
Self-employed persons and unpaid family workers	334	329	-5	-1,5

Appendix table 27. Employed persons aged 15-74 by employer sector 2011/IV - 2012/IV

	Year/Quarter		Change	Change
	2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
	1000 persons	1000 persons	1000 persons	Per cent, %
Employer sector				
Employer sector total (incl. employer sector unknown)	2 456	2 448	-9	-0,3
Private sector	1 794	1 780	-14	-0,8
Public sector	653	659	6	0,9
- central government	141	141	0	0,2
- local government	512	517	6	1,1

Appendix table 28. Employed persons aged 15-74 by industry (TOL 2008) 2011/IV - 2012/IV

		Year/Quarter		Change	Change
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		1000 persons	1000 persons	1000 persons	Per cent, %
Industry	TOL 2008				
Industries total	00-99	2 456	2 448	-9	-0,3
A, B Agriculture, forestry and fishing; mining and quarrying	01-09	106	106	1	0,5
Agriculture	01	75	76	0	0,2
C Manufacturing	10-33	357	348	-9	-2,6
Manufacture of food products, beverages and textiles	10-15	51	50	-1	-2,1
Manufacture of wood products, paper and paper products; printing and reproduction of recorded media	16-18	54	47	-7	-13,0
Manufacture of chemicals and chemical products and basic pharmaceutical products	19-23	47	51	4	8,0
Manufacture of basic metals and of fabricated metal products, except machinery and equipment	24-25	60	57	-3	-4,4
Manufacture of electronic and optical products, electrical equipment, machinery and vehicles	26-30	113	107	-6	-5,0
Manufacture of furniture, other manufacturing; repair and installation of machinery and equipment	31-33	32	35	4	10,9
D, E Electricity, gas, steam and air conditioning and water supply; sewerage and waste management	35-39	24	25	1	4,9
F Construction	41-43	176	177	1	0,6
Construction of buildings	41	65	66	2	2,4
Specialised construction activities	43	91	89	-2	-2,1
G Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47	299	295	-4	-1,2
Wholesale and retail trade and repair of motor vehicles and motorcycles	45	46	45	-0	-0,9
Wholesale trade, except of motor vehicles and motorcycles	46	87	95	8	9,0
Retail trade, except of motor vehicles and motorcycles	47	166	155	-11	-6,6
H Transportation and storage	49-53	144	140	-4	-2,4
Land, water and air transport	49-51	95	89	-6	-6,3
Warehousing and support activities for transportation; postal and courier activities	52-53	48	51	3	5,2
I Accommodation and food service activities	55-56	80	87	7	8,6
J Information and communication	58-63	106	103	-3	-2,8
K, L Financial, insurance and real estate activities	64-68	80	72	-8	-9,6
M Professional, scientific and technical activities	69-75	152	159	7	4,9
Architectural and engineering activities; technical testing and analysis	71	59	57	-3	-4,1
N Administrative and support service activities	77-82	95	95	-0	-0,4
Services to buildings and landscape activities	81	57	56	-1	-1,3
O Public administration and defence; compulsory social security	84	113	111	-2	-1,8
P Education	85	173	178	5	2,7
Q Human health and social work activities	86-88	400	401	1	0,3
Human health activities	86	188	184	-4	-2,1

		Year/Quarter		Change	Change
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		1000 persons	1000 persons	1000 persons	Per cent, %
Residential care activities	87	83	85	3	3,3
Social work activities without accommodation	88	129	132	3	2,0
R Arts, entertainment and recreation	90-93	62	60	-1	-2,3
S-U Other service activities	94-99	80	80	1	0,6
X Industry unknown	00	10	9	.	.

Appendix table 29. Hours actually worked of employed persons aged 15-74 by industry (TOL 2008) 2011/IV - 2012/IV

	TOL 2008	Year/Quarter		Change	Change
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		Million hours	Million hours	Million hours	Per cent, %
Industry	TOL 2008				
Industries total	00-99	1040,9	1029,3	-11,6	-1,1
A, B Agriculture, forestry and fishing; mining and quarrying	01-09	53,4	53,7	0,3	0,6
Agriculture	01	39,8	39,4	-0,4	-1,0
C Manufacturing	10-33	158,4	153,4	-5,0	-3,2
Manufacture of food products, beverages and textiles	10-15	22,5	21,2	-1,3	-5,9
Manufacture of wood products, paper and paper products; printing and reproduction of recorded media	16-18	23,5	20,1	-3,4	-14,7
Manufacture of chemicals and chemical products and basic pharmaceutical products	19-23	20,8	22,1	1,3	6,2
Manufacture of basic metals and of fabricated metal products, except machinery and equipment	24-25	25,7	24,7	-1,0	-4,1
Manufacture of electronic and optical products, electrical equipment, machinery and vehicles	26-30	51,4	49,7	-1,7	-3,4
Manufacture of furniture, other manufacturing; repair and installation of machinery and equipment	31-33	14,4	15,7	1,3	8,9
D, E Electricity, gas, steam and air conditioning and water supply; sewerage and waste management	35-39	10,2	10,9	0,7	6,6
F Construction	41-43	82,3	80,3	-2,0	-2,4
Construction of buildings	41	29,2	28,3	-1,0	-3,3
Specialised construction activities	43	43,8	42,2	-1,7	-3,8
G Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47	128,2	123,9	-4,3	-3,4
Wholesale and retail trade and repair of motor vehicles and motorcycles	45	22,4	21,4	-1,0	-4,4
Wholesale trade, except of motor vehicles and motorcycles	46	40,7	43,2	2,5	6,2
Retail trade, except of motor vehicles and motorcycles	47	65,1	59,3	-5,8	-9,0
H Transportation and storage	49-53	64,0	62,7	-1,3	-2,1
Land, water and air transport	49-51	44,4	44,1	-0,3	-0,7
Warehousing and support activities for transportation; postal and courier activities	52-53	19,6	18,6	-1,0	-5,3
I Accommodation and food service activities	55-56	32,6	34,0	1,4	4,4
J Information and communication	58-63	46,4	44,4	-2,0	-4,4
K, L Financial, insurance and real estate activities	64-68	34,4	30,8	-3,5	-10,3
M Professional, scientific and technical activities	69-75	64,5	68,4	3,9	6,0
Architectural and engineering activities; technical testing and analysis	71	24,8	24,2	-0,6	-2,5
N Administrative and support service activities	77-82	39,3	39,5	0,3	0,7
Services to buildings and landscape activities	81	23,4	22,9	-0,5	-2,0
O Public administration and defence; compulsory social security	84	47,9	46,4	-1,5	-3,2
P Education	85	62,2	67,0	4,8	7,8
Q Human health and social work activities	86-88	159,3	155,5	-3,8	-2,4

		Year/Quarter		Change	Change
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		Million hours	Million hours	Million hours	Per cent, %
Human health activities	86	75,4	72,1	-3,4	-4,4
Residential care activities	87	33,9	34,0	0,1	0,2
Social work activities without accommodation	88	50,0	49,5	-0,5	-1,1
R Arts, entertainment and recreation	90-93	22,4	22,2	-0,2	-1,0
S-U Other service activities	94-99	30,7	32,1	1,4	4,5
X Industry unknown	00	4,6	4,0	.	.

Appendix table 30. Employed persons aged 15-74 by Regional State Administrative Agencies (AVI) 2011/IV - 2012/IV

	Year/Quarter		Change	Change
	2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
	1000 persons	1000 persons	1000 persons	Per cent, %
Regional State Administrative Agencies				
Whole country (incl. Åland)	2 456	2 448	-9	-0,3
Southern Finland AVI	1 090	1 089	-1	-0,1
Southwestern Finland AVI	308	311	3	1,1
Eastern Finland AVI	235	236	1	0,5
Western and Inland Finland AVI	536	527	-9	-1,7
Northern Finland AVI	202	195	-7	-3,3
Lapland AVI	70	73	3	4,7

Appendix table 31. Employed persons aged 15-74 by region (2011) 2011/IV - 2012/IV

Region	Year/Quarter		Change	Change
	2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
	1000 persons	1000 persons	1000 persons	Per cent, %
Whole country (incl. Åland)	2 456	2 448	-9	-0,3
Uusimaa	794	791	-3	-0,4
Varsinais-Suomi	212	212	-0	-0,1
Satakunta	96	100	4	3,6
Kanta-Häme	79	79	1	0,9
Pirkanmaa	224	217	-7	-3,1
Päijät-Häme	85	88	3	3,2
Kymenlaakso	77	77	-0	-0,3
South Karelia	55	54	-1	-1,8
Etelä-Savo	65	62	-2	-3,5
Pohjois-Savo	104	107	3	3,2
North Karelia	67	67	-0	-0,1
Central Finland	115	111	-4	-3,6
South Ostrobothnia	85	85	-1	-0,8
Ostrobothnia	82	84	2	2,4
Central Ostrobothnia	31	31	0	1,4
North Ostrobothnia	169	166	-3	-1,7
Kainuu	33	29	-4	-11,3
Lapland	70	73	3	4,7

Appendix table 32. Part-time employed persons aged 15-74 by sex 2011/IV - 2012/IV

	Year/Quarter		Change	
	2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
	1000 persons	1000 persons	1000 persons	Per cent, %
Sex				
Both sexes	384	383	-1	-0,3
Males	139	138	-2	-1,0
Females	245	245	0	0,1

Appendix table 33. Proportion of part-time employed persons in all employed persons aged 15-74 by sex 2011/IV - 2012/IV, %

	Year/Quarter		Change
	2011/IV	2012/IV	2011/IV - 2012/IV
	Per cent, %	Per cent, %	Percentage points
Sex			
Both sexes	15,6	15,6	0,0
Males	11,0	10,9	-0,1
Females	20,5	20,6	0,1

Appendix table 34. Employees aged 15-74 by industry (TOL 2008) 2011/IV - 2012/IV

		Year/Quarter		Change	Change
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		1000 persons	1000 persons	1000 persons	Per cent, %
Industry	TOL 2008				
Industries total	00-99	2 122	2 119	-3	-0,2
A, B Agriculture, forestry and fishing; mining and quarrying	01-09	36	35	-1	-3,1
Agriculture	01	14	14	0	0,8
C Manufacturing	10-33	333	325	-9	-2,6
Manufacture of food products, beverages and textiles	10-15	46	45	-1	-1,0
Manufacture of wood products, paper and paper products; printing and reproduction of recorded media	16-18	51	45	-7	-12,9
Manufacture of chemicals and chemical products and basic pharmaceutical products	19-23	45	50	4	9,4
Manufacture of basic metals and of fabricated metal products, except machinery and equipment	24-25	55	52	-3	-4,6
Manufacture of electronic and optical products, electrical equipment, machinery and vehicles	26-30	110	105	-6	-5,0
Manufacture of furniture, other manufacturing; repair and installation of machinery and equipment	31-33	26	28	2	9,2
D, E Electricity, gas, steam and air conditioning and water supply; sewerage and waste management	35-39	23	24	1	2,8
F Construction	41-43	136	136	0	0,1
Construction of buildings	41	48	50	1	2,6
Specialised construction activities	43	68	66	-2	-3,2
G Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47	259	259	0	0,0
Wholesale and retail trade and repair of motor vehicles and motorcycles	45	36	38	3	7,3
Wholesale trade, except of motor vehicles and motorcycles	46	76	84	8	10,8
Retail trade, except of motor vehicles and motorcycles	47	148	137	-11	-7,3
H Transportation and storage	49-53	120	118	-2	-1,7
Land, water and air transport	49-51	73	69	-5	-6,5
Warehousing and support activities for transportation; postal and courier activities	52-53	47	50	3	5,9
I Accommodation and food service activities	55-56	70	77	7	9,4
J Information and communication	58-63	97	93	-4	-4,4
K, L Financial, insurance and real estate activities	64-68	72	67	-5	-7,2
M Professional, scientific and technical activities	69-75	117	121	4	3,3
Architectural and engineering activities; technical testing and analysis	71	51	48	-3	-5,5
N Administrative and support service activities	77-82	83	84	1	1,5
Services to buildings and landscape activities	81	49	48	-1	-2,4
O Public administration and defence; compulsory social security	84	113	111	-2	-1,7
P Education	85	168	175	7	3,9
Q Human health and social work activities	86-88	380	381	1	0,4
Human health activities	86	175	171	-4	-2,4

		Year/Quarter		Change	Change
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		1000 persons	1000 persons	1000 persons	Per cent, %
Residential care activities	87	81	83	2	2,4
Social work activities without accommodation	88	124	128	4	2,9
R Arts, entertainment and recreation	90-93	46	46	-0	-0,6
S-U Other service activities	94-99	57	57	0	0,4
X Industry unknown	00	9	8	.	.

Appendix table 35. Hours actually worked of employees aged 15-74 by industry (TOL 2008) 2011/IV - 2012/IV

	TOL 2008	Year/Quarter		Change	Change
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		Million hours	Million hours	Million hours	Per cent, %
Industry	TOL 2008				
Industries total	00-99	876,8	871,3	-5,4	-0,6
A, B Agriculture, forestry and fishing; mining and quarrying	01-09	17,6	16,9	-0,7	-4,0
Agriculture	01	7,1	7,0	-0,1	-1,0
C Manufacturing	10-33	145,2	142,8	-2,4	-1,7
Manufacture of food products, beverages and textiles	10-15	19,4	19,3	-0,1	-0,5
Manufacture of wood products, paper and paper products; printing and reproduction of recorded media	16-18	21,7	19,1	-2,6	-11,9
Manufacture of chemicals and chemical products and basic pharmaceutical products	19-23	19,8	21,3	1,6	7,9
Manufacture of basic metals and of fabricated metal products, except machinery and equipment	24-25	23,2	22,4	-0,8	-3,5
Manufacture of electronic and optical products, electrical equipment, machinery and vehicles	26-30	49,9	48,5	-1,4	-2,8
Manufacture of furniture, other manufacturing; repair and installation of machinery and equipment	31-33	11,3	12,2	0,9	8,3
D, E Electricity, gas, steam and air conditioning and water supply; sewerage and waste management	35-39	10,1	10,5	0,4	3,9
F Construction	41-43	61,9	60,3	-1,6	-2,6
Construction of buildings	41	21,6	20,8	-0,8	-3,6
Specialised construction activities	43	31,4	30,2	-1,2	-3,8
G Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47	107,4	105,3	-2,1	-1,9
Wholesale and retail trade and repair of motor vehicles and motorcycles	45	16,7	17,9	1,1	6,8
Wholesale trade, except of motor vehicles and motorcycles	46	35,4	38,0	2,7	7,5
Retail trade, except of motor vehicles and motorcycles	47	55,3	49,5	-5,9	-10,6
H Transportation and storage	49-53	50,7	50,0	-0,7	-1,3
Land, water and air transport	49-51	31,8	31,8	0,1	0,2
Warehousing and support activities for transportation; postal and courier activities	52-53	18,9	18,1	-0,8	-4,0
I Accommodation and food service activities	55-56	26,6	28,2	1,6	5,9
J Information and communication	58-63	42,8	39,8	-3,0	-6,9
K, L Financial, insurance and real estate activities	64-68	30,7	28,3	-2,4	-8,0
M Professional, scientific and technical activities	69-75	49,7	52,5	2,8	5,6
Architectural and engineering activities; technical testing and analysis	71	21,8	20,5	-1,3	-5,8
N Administrative and support service activities	77-82	33,7	34,7	1,0	2,9
Services to buildings and landscape activities	81	20,4	19,5	-0,9	-4,5
O Public administration and defence; compulsory social security	84	47,9	46,4	-1,5	-3,1
P Education	85	59,8	65,1	5,2	8,8
Q Human health and social work activities	86-88	150,7	147,3	-3,4	-2,2

		Year/Quarter		Change	Change
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		Million hours	Million hours	Million hours	Per cent, %
Human health activities	86	70,1	67,1	-3,0	-4,3
Residential care activities	87	32,7	32,4	-0,2	-0,6
Social work activities without accommodation	88	47,9	47,7	-0,1	-0,3
R Arts, entertainment and recreation	90-93	16,7	17,3	0,6	3,6
S-U Other service activities	94-99	21,3	22,3	1,0	4,7
X Industry unknown	00	3,9	3,7	.	.

Appendix table 36. Employees aged 15-74 by type of employment relationship 2011/IV - 2012/IV

	Year/Quarter		Change	Change
	2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
	1000 persons	1000 persons	1000 persons	Per cent, %
Employment relationship				
Employees total	2 122	2 119	-3	-0,2
- permanent full-time work	1 587	1 588	1	0,1
- permanent part-time work	234	228	-5	-2,3
- temporary (fixed-term) full-time work	212	210	-2	-1,1
- temporary (fixed-term) part-time work	89	92	3	3,5
Temporary (fixed-term) work total	302	302	1	0,3
Part-time work total	323	321	-2	-0,7

Appendix table 37. Employees aged 15-74 by type of employment relationship 2011/IV - 2012/IV, %

	Year/Quarter		Change
	2011/IV	2012/IV	2011/IV - 2012/IV
	Per cent, %	Per cent, %	Percentage points
Employment relationship			
Employees total	100,0	100,0	0,0
- permanent full-time work	74,8	75,0	0,2
- permanent part-time work	11,0	10,8	-0,2
- temporary (fixed-term) full-time work	10,0	9,9	-0,1
- temporary (fixed-term) part-time work	4,2	4,4	0,2
Temporary (fixed-term) work total	14,2	14,3	0,1
Part-time work total	15,2	15,1	-0,1

Appendix table 38. Different types of employment relationships less than 12 month's duration 2011/IV - 2012/IV, persons aged 15-74

	Year/Quarter		Change	
	2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
	1000 persons	1000 persons	1000 persons	Per cent, %
Employment relationship				
Employees total	418	400	-18	-4,4
- permanent full-time work	164	152	-12	-7,1
- permanent part-time work	54	54	-1	-1,0
- temporary (fixed-term) full-time work	134	130	-5	-3,6
- temporary (fixed-term) part-time work	66	64	-1	-2,1
Temporary (fixed-term) work total	200	194	-6	-3,1
Part-time work total	120	118	-2	-1,6

Appendix table 39. Different types of employment relationships less than 12 month's duration 2011/IV - 2012/IV, persons aged 15-74, %

	Year/Quarter		Change
	2011/IV	2012/IV	2011/IV - 2012/IV
	Per cent, %	Per cent, %	Percentage points
Employment relationship			
Employees total	100,0	100,0	0,0
- permanent full-time work	39,1	38,0	-1,1
- permanent part-time work	13,0	13,5	0,5
- temporary (fixed-term) full-time work	32,2	32,4	0,3
- temporary (fixed-term) part-time work	15,7	16,1	0,4
Temporary (fixed-term) work total	47,9	48,5	0,6
Part-time work total	28,7	29,5	0,8

Appendix table 40. Unemployed persons by sex and age 2011/IV - 2012/IV

		Year/Quarter		Change	
		2011/IV	2012/IV	2011/IV - 2012/IV	2011/IV - 2012/IV
		1000 persons	1000 persons	1000 persons	Per cent, %
Sex	Age group				
Both sexes	15-74	181	185	4	2,2
	15-64	181	185	4	2,0
	15-24	45	47	2	5,0
	25-34	42	38	-3	-8,1
	35-44	28	31	3	10,5
	45-54	36	39	3	7,9
	55-64	31	30	-1	-3,0
Males	15-74	106	105	-0	-0,4
	15-64	106	105	-1	-0,9
	15-24	25	24	-1	-5,4
	25-34	24	22	-2	-9,5
	35-44	15	18	3	16,6
	45-54	21	22	1	6,7
	55-64	20	19	-1	-6,2
Females	15-74	75	80	5	6,0
	15-64	75	80	5	6,1
	15-24	19	23	4	18,6
	25-34	17	16	-1	-6,1
	35-44	12	13	0	2,8
	45-54	15	16	1	9,7
	55-64	11	12	0	2,4

Appendix table 41. Unemployment rate by sex and age 2011/IV - 2012/IV

		Year/Quarter		Change
		2011/IV	2012/IV	2011/IV - 2012/IV
		Per cent, %	Per cent, %	Percentage points
Sex	Age group			
Both sexes	15-74	6,9	7,0	0,2
	15-64	7,0	7,1	0,2
	15-24	16,2	16,0	-0,2
	25-34	7,3	6,8	-0,5
	35-44	4,7	5,2	0,6
	45-54	5,3	5,9	0,5
	55-64	6,5	6,3	-0,2
Males	15-74	7,7	7,7	0,0
	15-64	7,9	7,9	0,0
	15-24	18,5	17,0	-1,5
	25-34	7,8	7,1	-0,7
	35-44	4,9	5,7	0,8
	45-54	6,2	6,8	0,6
	55-64	8,2	7,9	-0,4
Females	15-74	5,9	6,3	0,3
	15-64	6,0	6,4	0,4
	15-24	14,0	15,1	1,2
	25-34	6,7	6,5	-0,2
	35-44	4,3	4,6	0,3
	45-54	4,5	4,9	0,5
	55-64	4,8	4,8	0,0

Appendix table 42. Unemployment rates by Regional State Administrative Agencies (AVI) 2011/IV - 2012/IV

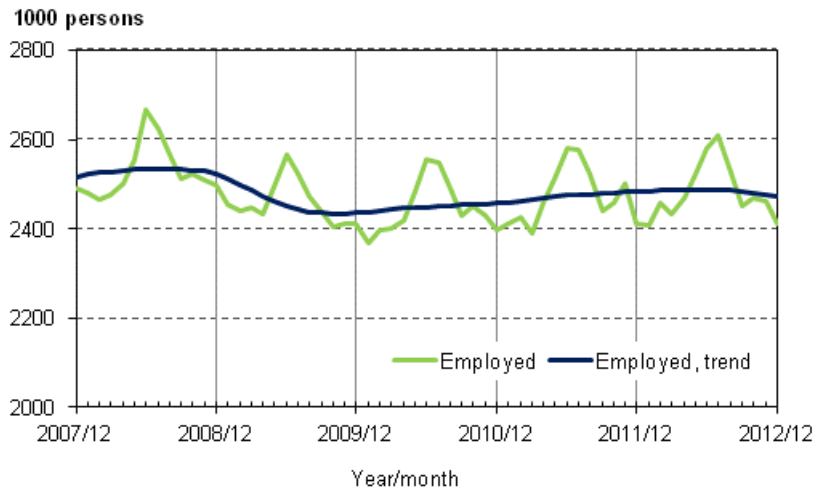
	Year/Quarter		Change
	2011/IV	2012/IV	2011/IV - 2012/IV
	Per cent, %	Per cent, %	Percentage points
Regional State Administrative Agencies			
Whole country (incl. Åland)	6,9	7,0	0,2
Southern Finland AVI	6,0	5,8	-0,3
Southwestern Finland AVI	6,8	6,7	-0,1
Eastern Finland AVI	9,4	9,0	-0,4
Western and Inland Finland AVI	7,2	7,5	0,3
Northern Finland AVI	7,0	9,9	2,8
Lapland AVI	9,0	10,0	1,0

Appendix table 43. Unemployment rates by region (2011) 2011/IV - 2012/IV

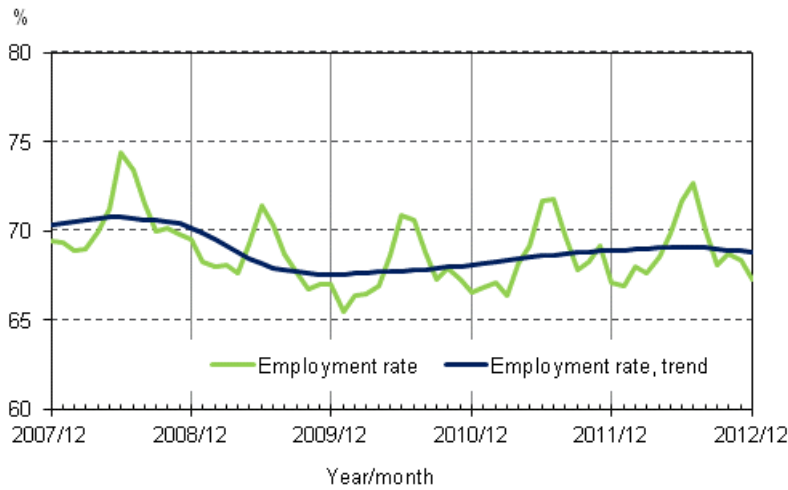
Region	Year/Quarter		Change
	2011/IV	2012/IV	2011/IV - 2012/IV
	Per cent, %	Per cent, %	Percentage points
Whole country (incl. Åland)	6,9	7,0	0,2
Uusimaa	5,4	5,8	0,4
Varsinais-Suomi	7,6	7,2	-0,5
Satakunta	4,7	5,6	0,9
Kanta-Häme	6,1	3,6	-2,5
Pirkanmaa	8,5	8,7	0,1
Päijät-Häme	8,5	6,2	-2,3
Kymenlaakso	8,2	7,5	-0,7
South Karelia	8,5	5,8	-2,7
Etelä-Savo	7,7	9,2	1,5
Pohjois-Savo	9,4	7,7	-1,7
North Karelia	11,0	11,0	0,0
Central Finland	7,9	9,6	1,7
South Ostrobothnia	6,2	6,9	0,6
Ostrobothnia	4,7	3,8	-1,0
Central Ostrobothnia	3,6	3,3	-0,3
North Ostrobothnia	7,0	8,9	1,9
Kainuu	7,1	15,0	7,9
Lapland	9,0	10,0	1,0

Appendix figures 2012, December

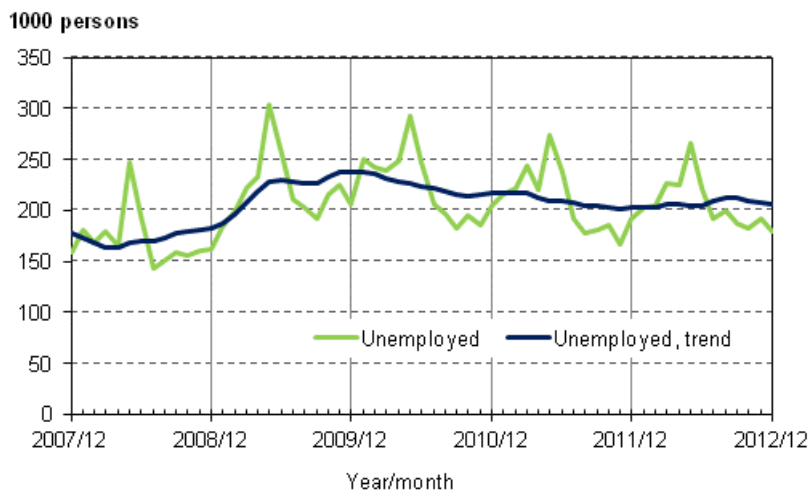
Appendix figure 1. Employed and trend of employed



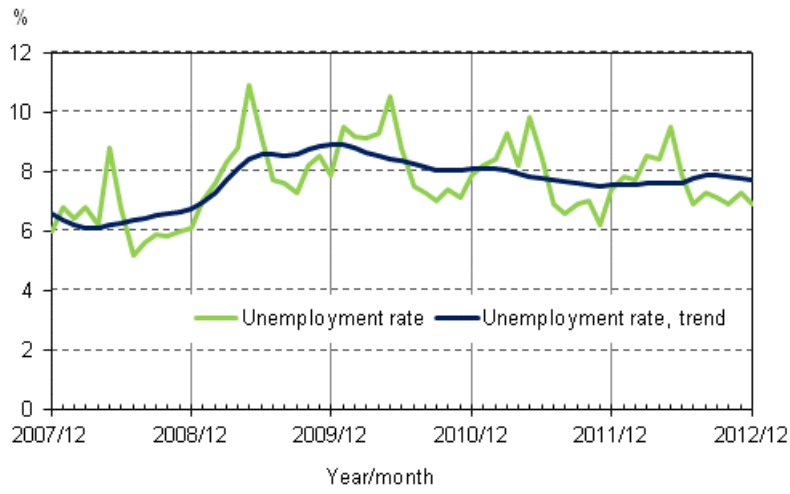
Appendix figure 2. Employment rate and trend of employment rate



Appendix figure 3. Unemployed and trend of unemployed



Appendix figure 4. 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 used in the compilation of monthly, quarterly and annual statistics on participation in the labour market, employment, unemployment and working hours among the population aged between 15 and 74. The data content of the Survey is based on an EU regulation, and approximately 12,000 persons are interviewed for it every month. The information provided by the respondents is used to draw a picture of the activities of the entire population aged between 15 and 74 on the labour market during one week. In the basic classification of labour market status, the population is divided into the employed, the unemployed and the economically inactive. The active population (labour force) consists of the employed and the unemployed.

The Survey provides an up-to-date and comprehensive picture of the active population (labour force) and changes on the labour market. Public attention focuses each month especially on the changes in employment and unemployment from the corresponding month of the previous year. Seasonally adjusted figures are used to monitor the trend of the changes. The Survey also provides information about persons of working age who are not employed or job seekers. Since 2003, information has also been obtained from a subsample about the structure of households and the activities of all household members aged 15 to 74 relative to the labour market. A description of the data content of the Labour Force Survey is available at:

http://tilastokeskus.fi/til/tyti/tyti_2008-02-19_tlu_001_en.html.

The monthly and quarterly results of the Labour Force Survey describe the seasonal and trend variation of employment. The Labour Force Survey time series describe long term changes in the labour market. Annual averages describe the active population, that is, the employed and the unemployed, and the economically inactive persons by, for instance, industry, occupation, education, age, gender and area.

The results of the Survey are used in preparing, among other things, labour market projections and plans, as support for decision-making and in the monitoring of the effects of different measures on employment. Key users of the results are ministries, authorities responsible for regional planning, employers' and employees' organisations, universities and research institutes, international organisations and the European Union. At Statistics Finland the data are used in, for instance, calculations of National Accounts. The Statistical Office of the European Communities, Eurostat, steers the content of the Survey and monitors its quality. Eurostat produces structural indicators and other statistics from the quarterly data that are submitted to it.

The concepts and definitions used in the Survey comply with the recommendations of ILO, the International Labour Organisation of the UN, and the regulations of the European Union on official statistics. The current data content of the Labour Force Survey is mainly based on the EU Regulations concerning Labour Force Surveys (Nos 577/98, 2257/2003 and 430/2005). A detailed description of the EU Labour Force Survey is available at:

http://epp.eurostat.ec.europa.eu/portal/page/portal/employment_unemployment_lfs/introduction. Since 1999 a harmonised EU ad hoc survey with an annually changing topic has been conducted in connection with the Labour Force Survey. Further information about the ad hoc surveys can be found (in Finnish) at: http://tilastokeskus.fi/til/tyti/tyti_2011-11-28_men_001.html.

Concepts:

- A person is **employed** if he/she has during the survey week been in gainful employment for at least one hour against pay in money or fringe benefits, or to make a 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 for under three months. The employed are divided into employees, self-employed or unpaid family workers.
- A person is **unemployed** if he/she is without work during the survey week, has actively sought employment in the past four weeks as an employee or self-employed 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 **active population (labour force)** comprises all persons 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 population can also be referred as persons outside the labour force. Explanations for other concepts of the Labour Force Survey can be found at: http://tilastokeskus.fi/til/tyti/kas_en.html.

The **classifications** used in the Labour Force Survey in 2011 include the Standard Industrial Classification (TOL 2008, NACE Rev. 2), the Classification of Occupations 2010 (ISCO-08), the Classification of Socio-economic Groups 1989 and the Classification of Education 1997 (ISCED 1997) as well as the regional classification into Major Regions, Regional State Administrative Agencies (AVI), Centres for Economic Development, Transport and the Environment (ELY Centre) and Regions.

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 also comprises persons residing temporarily (for under one year) abroad as well as foreign nationals registered in the Finnish Population Information System whose stay in Finland will last for at least one year (<http://www.vrk.fi/default.aspx?id=48>).

The sample of the Labour Force Survey is drawn twice a year as a stratified random sample from Statistics Finland's 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 of each month consists of approximately 12,000 persons, which is, on the average, every 300th person in the population. The sample for one survey month consists of five rotation groups which have entered the survey at different points of time. 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. The data are collected from all weeks of the year.

In most European countries the Labour Force Survey data are collected from a sample of households, which means that all members of a household living at the same address are interviewed at the same time. Besides Finland, Sweden, Denmark and Switzerland are the only other countries where the sample is based on individual persons, i.e. only the target persons drawn into the sample are interviewed. However, the EU regulation also requires data concerning households and in Finland this has been solved by exploiting the panel nature of the Labour Force Survey. In addition to the basic interview, a household interview is conducted on the fifth interview round to ascertain the members who belong to the household of the interviewee and the activity of the household members aged 15 to 74 on the labour market. So that the data would describe the whole population, a supplementing sample is added to it of households in which all members are aged 75 or over. Children under the age of 15 and persons aged over 75 are not interviewed in the Labour Force Survey, but certain data are imputed for them to describe their status on the labour market.

The household data enable examinations of, for instance, employment in the family and the joint status of both spouses on the labour market. In 2011, the household data comprised approximately 55,000 persons who formed 23,000 households. The household data for the Labour Force Survey have been collected by the present method since 2003 and the data can mainly be published starting from the year 2004.

The data content of the survey varies by survey round. Certain basic pieces of information are inquired in the first round and checks are then made in subsequent rounds to see whether they have remained unchanged. The data content is wider in the last, or the fifth, survey round which includes the household module, the annual ad hoc module with variable topics, as well as certain additional questions concerning the main job.

Statistics Finland's interviewers collect the data with computer-assisted telephone interviews. Approximately 109,000 interviews were conducted in 2011. On the average, the non-response rate of this survey was 24 per cent.

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 area, gender and age. Information from the job seeker register of the Ministry of Employment and the Economy is also used as supplementary data.

Like all figures collected with a sample survey, the figures of the Labour Force Survey are so called estimates. An **estimate** is an estimation of a quality of the population derived by applying a mathematical procedure (estimation) to sample observations. For example, the number of the unemployed in January 2011, 215,000 persons, is an estimate of the number of unemployed persons aged between 15 and 74 obtained by such a procedure.

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

The employment and unemployment figures of the Labour Force Survey vary relatively regularly in different months of the year. So-called trends are also published from the Labour Force Survey. Variation which occurs annually in similar ways has been removed from these trends. 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 become slightly revised when the data of the following month are inserted into the time series. This preliminary nature of trends should be taken into account when drawing conclusions. Starting from June 2007, the trend components of the time series have been calculated with the Tramo/Seats method recommended by Eurostat, the Statistical Office of the European Communities. Further information about the trend and limitations in its use can be found at: http://tilastokeskus.fi/til/tramo_seats_en.html.

3. Correctness and accuracy of data

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

Measurement errors arise from, among other things, differences in interpreting or understanding of the questions, respondents' inability to recall or unwillingness to give certain information, or erroneous recording of answers. Development and testing of the questions, interviewer instructions and the user interface, and training of interviewers are measures used to contain measurement errors.

Random variation due to sampling means that figures calculated from different samples deviate 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 in describing the same phenomenon, as quarterly data have been collected by interviewing three times the number of persons interviewed for monthly data. Annual figures are the most accurate. The latter 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 areas 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 characteristic being investigated lies with 95 per cent probability**. For example, the confidence interval of the number of the unemployed in January 2011 is

215,000 ± 17,000, i.e. 198,000 – 232,000. The share to be added to the estimate or deducted from it, in this case 17,000, is obtained by multiplying the estimate's standard error, here 8,500 persons, with the 1.96 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.¹⁾

	Monthly estimate	Monthly estimate's 95% confidence interval	Standard error	Relative standard error
	persons	persons	persons	%
Employed	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
Unemployed	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.¹⁾

	Quarterly estimate	Quarterly estimate's 95% confidence interval	Standard error	Relative standard error
	persons	persons	persons	%
Employed	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
Unemployed	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.¹⁾

	Annual estimate	Annual estimate's 95% confidence interval	Standard error	Relative standard error
	persons	persons	persons	%
Employed	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
Unemployed	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 (variation coefficient) 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 co-dependence of responses, the Labour Force Survey uses an approximation of single stage cluster sampling in which a cluster internal variance is calculated for persons interviewed several times during the year. Clusters are formed on the basis of interviewee's age. Cluster internal 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 $230,000 \pm 7,100$ 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 would have 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 large 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 on, among other things, employment and labour input by industry and more specific regional data. The most detailed results are published in annual statistics. Quarterly deliveries of data are made to the Eurostat, the Statistical Office of the European Communities, which are used to compile statistics on EU Member States.

5. Accessibility and transparency/clarity of data

The results of the Labour Force Survey are published in the Labour market series of Official Statistics of Finland. The key monthly, quarterly and annual results are released on predefined days on the Internet on the home page of the Labour Force Survey http://tilastokeskus.fi/til/tyti/index_en. The links on the home page lead to, among other things, 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 also available over the Internet from Statistics Finland's chargeable time series database (ASTIKA). Eurostat publishes quarterly and annual Labour Force Survey data on its own website.

The printed annual publication of Labour Force Statistics contains a review of the past statistical reference year, definitions of key concepts, descriptions of the classifications used, time series and annual tables as well as this Quality description of Labour Force Survey. In addition, Labour Force Survey data are published regularly in the Statistical Yearbook of Finland and in the Bulletin of Statistics. Chargeable special compilations can be requested from the Labour Force Survey 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 be released only on the basis of a separate application for licence to use statistical data and without identifiers for scientific research and statistical surveys. Data adjusted for the EU Labour Force Survey are delivered to Eurostat, the Statistical Office of the European Communities without identifiers. The Labour Force Survey data are protected according to the protection class defined in Statistics Finland's data protection guidelines. A register description can be found (in Finnish) at: http://www.tilastokeskus.fi/meta/rekisteriselosteet/rekisteriseloste_tyovoimatutkimusty81.html

Information service: tyovoimatutkimus@stat.fi and tel. +358 9 17341.

6. Comparability of statistics

A monthly Labour Force Survey, initially called Labour Force Inquiry, 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.

Initially, the inquiry with a somewhat limited data content was conducted as a postal survey. In 1976 the data content was expanded and the methodology 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 survey to telephone interviews, 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. At the beginning in 1995–1998, the data for the EU Labour Force Survey were collected as a separate interview survey in March-May. The monthly survey was gradually revised to correspond to the EU Labour Force Survey. The contents of the monthly survey were extended, computer-assisted telephone interviews (CATI) were introduced in the data collection and the concepts and definitions were harmonised to correspond better than before to the EU and ILO guidelines and recommendations. The definition of an unemployed person was revised in May 1998 and the published time series were retrospectively revised to correspond with the new definitions starting from 1989.

In April 1999 the Labour Force Survey's data content was widened again with the combining of the monthly survey and the EU Labour Force Survey into a single, continuous Labour Force Survey. As of the beginning of 2000 the survey changed over into a continuous survey week, whereas previously data for each month had been collected in one survey week. This changeover affected data on working days and hours worked, which are not fully comparable with earlier data starting from the beginning of the year 2000. Starting from 2003 the data content of the survey widened with the so-called household module which is collected from a subsample. A new data collection questionnaire was introduced in 2008. In consequence of this the data content of the survey became slightly revised and collection of some of the data was started from a subsample, whose data are only used as annual data.

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 Work Life Survey, statistics on labour disputes, statistics on accidents at work as well as register-based employment statistics (RES).

Of these the RES provide data on the labour market activities of the population. The data in them differ from those of the Labour Force Survey due to the data collection method and the definitions of the employed

and the unemployed. The RES are based on total data derived from the administrative data of different authorities. The RES data on a person's activities mainly describe the last week of the year. RES data on unemployment are based on the Ministry of Employment and the Economy's register of unemployed job seekers. The statistics take good 18 months to complete; preliminary data are ready within about a year. Since the employment statistics represent total data, they offer better regional data (incl. data by municipality) 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 compiling of National Accounts. This is among the reasons why the definitions of the key concepts in the Labour Force Survey, such as population, employment and working hours, follow as closely as possible the recommendations for National Accounts (the UN System of National Accounts, SNA, and the European System of Accounts, ESA). The Labour Force Survey definition of the public sector is somewhat different from the classification of sectors in National Accounts. In National Accounts, conscripts are classified as employed according to ILO recommendations, whereas in the Labour Force Survey conscripts are outside the labour force.

The results from 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 statistics published by Eurostat. In most EU countries conscripts are not included in the target group of the Labour Force Survey, i.e. population living in private households. This causes differences especially in the results concerning the 15 to 24 age group. In the figures published by Finland persons performing their conscript duty are included in the population outside the labour force. In some cases differences can arise from the fact that Eurostat's figures include the whole population living in private household whereas in Finland the figures only include those between the ages of 15 and 74.

The Ministry of Employment and the Economy also publishes data on unemployed job seekers. The Ministry's data derive from 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 also differences in the acceptance of students as unemployed. More detailed information about differences between the statistics is available:

http://tilastokeskus.fi/til/tyti/tyti_2012-11-05_men_002_en.html.

Suomen virallinen tilasto
Finlands officiella statistik
Official Statistics of Finland

Labour Market 2013

Inquiries

Ari Väisänen 09 1734 2290
Kirsi Toivonen 09 1734 3535
Kalle Sinivuori 09 1734 3524

Director in charge:

Riitta Harala

tyovoimatutkimus@stat.fi

www.stat.fi

Source: Labour force survey 2012, December. Statistics Finland