

Population Data on Finland 1900—1990¹

UPDATED BY ANNELI MIETTINEN

Resident population on 31 December

	Whole country	Urban municipalities		Rural municipalities	
		number	%	number	%
1900	2 655 900	333 400	12.5	2 322 600	87.5
1910	2 943 400	432 200	14.7	2 511 200	85.3
1920	3 147 600	507 400	16.1	2 640 200	83.9
1930	3 462 700	715 000	20.6	2 747 700	79.4
1940	3 695 600	991 700	26.8	2 703 900	73.2
1950	4 029 800	1 302 400	32.3	2 727 400	67.7
1960	4 446 200	1 707 000	38.4	2 739 200	61.6
1970	4 598 300	2 340 300	50.9	2 258 000	49.1
1980	4 787 800	2 865 100	59.8	1 922 700	40.2
1981	4 812 200	2 881 300	59.9	1 930 900	40.1
1982	4 841 700	2 897 100	59.8	1 944 600	40.2
1983	4 869 900	2 910 500	59.8	1 959 400	40.2
1984	4 893 700	2 923 800	59.7	1 969 900	40.3
1985	4 910 700	2 937 900	59.8	1 972 800	40.2
1986	4 925 600	3 042 900	61.8	1 882 700	38.2
1987	4 938 600	3 052 400	61.8	1 886 200	38.2
1988	4 954 400	3 059 500	61.8	1 894 800	38.2
1989	4 974 400	3 067 000	61.7	1 907 400	38.3
1990*	4 994 600	3 077 900	61.6	1 916 700	38.4

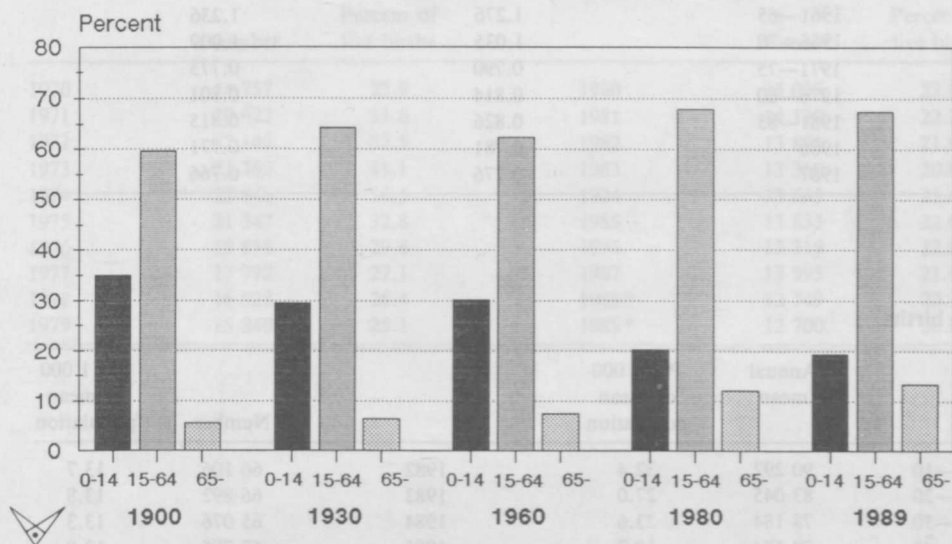
Age structure

	Whole population			Men			Women		
	0—14 %	15—64 %	65— %	0—14 %	15—64 %	65— %	0—14 %	15—64 %	65— %
1900	35.0	59.6	5.4	35.9	59.4	4.7	34.3	59.7	6.0
1910	35.6	58.6	5.8	36.7	58.3	5.0	34.6	59.0	6.4
1920	33.4	60.7	5.9	34.8	60.0	5.2	32.0	61.3	6.7
1930	29.4	64.3	6.3	30.6	64.1	5.3	28.3	64.5	7.2
1940	26.9	66.7	6.4	28.2	66.5	5.3	25.7	66.9	7.4
1950	30.0	63.3	6.7	32.0	62.8	5.2	28.1	63.9	8.0
1960	30.1	62.4	7.4	31.9	62.3	5.7	28.5	62.5	8.9
1970	24.4	66.3	9.3	25.7	67.1	7.2	23.0	65.7	11.3
1980	20.2	67.8	12.0	21.4	69.7	8.9	19.1	66.0	14.9
1981	19.9	68.0	12.1	21.0	70.0	9.0	18.9	65.9	15.2
1982	19.7	68.0	12.3	20.8	70.1	9.1	18.5	66.1	15.4
1983	19.5	68.1	12.4	20.6	70.3	9.1	18.5	66.0	15.5
1984	19.4	68.2	12.4	20.5	70.4	9.0	18.4	66.0	15.6
1985	19.4	68.0	12.6	20.5	70.4	9.1	18.4	65.8	15.8
1986	19.3	67.9	12.8	20.4	70.3	9.3	18.3	65.6	16.1
1987	19.3	67.8	12.9	20.4	70.3	9.4	18.3	65.4	16.3
1988	19.4	67.5	13.1	20.4	70.0	9.5	18.4	65.1	16.5
1989	19.3	67.4	13.3	20.4	69.9	9.7	18.4	64.9	16.7

¹ The data are based on the statistics of the Central Statistical Office of Finland, Helsinki.

* Preliminary data

Figure 1. Age structure in 1900, 1930, 1960, 1980 and 1989.



Age-specific fertility rate

	Per 1 000 women							Total fertility per woman
	15—19	20—24	25—29	30—34	35—39	40—44	45—49	
1901—10	16.8	147.7	226.8	227.4	192.6	109.1	16.2	4.68
1911—20	14.9	122.8	181.4	181.9	155.2	92.9	14.0	3.81
1921—30	14.2	110.0	156.9	143.8	116.8	67.4	10.5	3.10
1931—40	14.4	96.5	126.2	108.9	82.8	43.5	5.6	2.39
1941—45	11.3	105.2	144.9	124.3	88.4	41.8	5.4	2.60
1946—50	25.7	161.9	189.4	147.5	100.5	43.3	5.0	3.37
1951—55	27.2	157.6	165.8	125.0	81.0	35.1	3.9	2.98
1956—60	29.3	161.4	159.6	108.1	67.5	27.5	2.8	2.78
1961—65	30.7	156.7	156.0	98.8	55.7	22.5	2.2	2.61
1966—70	34.7	131.9	125.9	76.5	39.7	13.7	1.4	2.12
1971—75	27.9	104.3	106.6	55.8	23.3	6.1	0.5	1.62
1976—80	22.0	96.8	114.6	67.5	26.4	6.0	0.3	1.67
1981—85	15.7	85.0	122.8	75.3	32.1	6.7	0.4	1.69
1986	12.9	71.0	119.8	77.8	31.1	6.9	0.4	1.60
1987	12.1	67.8	119.1	80.1	31.0	7.8	0.3	1.59
1988*	12.3	70.4	128.3	86.4	33.4	7.7	0.5	1.70

Gross and net reproduction rate

	Gross reproduction rate	Net reproduction rate
1901—10	2.278	..
1911—20	1.849	..
1921—30	1.504	..
1931—35	1.167	0.958
1936—40	1.162	0.962
1941—45	1.262	1.048
1946—50	1.637	1.469

1951—55	1.452	1.373
1956—60	1.357	1.301
1961—65	1.276	1.236
1966—70	1.035	1.009
1971—75	0.790	0.773
1976—80	0.814	0.801
1981—85	0.826	0.815
1986	0.781	0.771
1987	0.776	0.766

Live births

	Annual mean	Per 1 000 of mean population		Number	Per 1 000 of mean population
1901—10	90 292	32.4	1982	66 106	13.7
1911—20	83 045	27.0	1983	66 892	13.8
1921—30	78 184	23.6	1984	65 076	13.3
1931—40	70 584	19.7	1985	62 796	12.8
1941—50	92 613	24.3	1986	60 632	12.3
1951—60	88 024	20.7	1987	59 827	12.1
1961—70	76 466	16.8	1988*	63 314	12.8
1971—80	62 789	13.3	1989*	63 355	12.8
1981	63 469	13.2	1990*	65 639	13.2

Median age of mother at first birth

	Median age		Median age
1961—65	23.25	1983	25.34
1966—70	22.73	1984	25.46
1971—75	24.03	1985	25.66
1976—80	25.18	1986	25.86
1981	25.41	1987	26.14
1982	25.17	1988*	26.24

Illegitimate live births

	Annual mean	Percent of all live births		Number	Percent of all live births
1901—10	6 120	6.8	1981	8 431	13.3
1911—20	6 573	6.8	1982	9 007	13.6
1921—30	6 606	8.4	1983	9 386	14.0
1931—40	5 349	7.6	1984	9 825	15.1
1941—50	5 629	6.1	1985	10 292	16.4
1951—60	3 819	4.3	1986	10 931	18.0
1961—70	3 621	4.7	1987	11 467	19.2
1971—80	6 182	9.8			

Abortions

	Number	Percent of live births		Number	Percent of live births
1970	14 757	22.9	1980	15 037	23.8
1971	20 622	33.8	1981	14 120	22.2
1972	22 146	37.5	1982	13 861	21.0
1973	23 362	41.1	1983	13 360	20.0
1974	22 846	36.5	1984	13 645	21.0
1975	21 547	32.8	1985	13 833	22.0
1976	19 818	29.6	1986	13 319	22.0
1977	17 772	27.1	1987	12 995	21.6
1978	16 928	26.4	1988*	12 749	20.1
1979	15 849	25.1	1989*	12 700	20.0

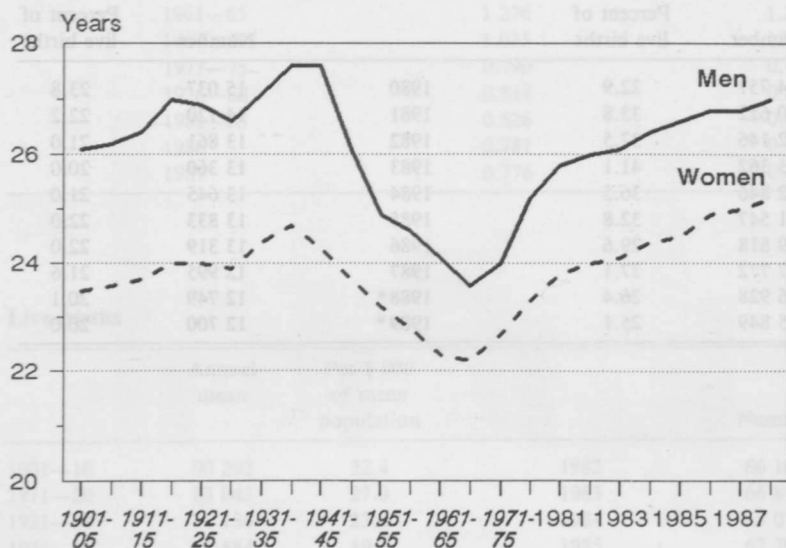
Marriages

	Annual mean	Per 1 000 of mean population		Number	Per 1 000 of mean population
1901—10	18 947	6.8	1982	30 459	6.3
1911—20	18 922	6.2	1983	29 474	6.1
1921—30	23 725	7.2	1984	28 550	5.8
1931—40	28 491	7.9	1985	25 751	5.3
1941—50	37 367	9.5	1986	25 820	5.2
1951—60	32 191	7.6	1987	26 259	5.3
1961—70	37 398	8.2	1988*	26 453	5.3
1971—80	32 575	6.9	1989*	25 043	5.0
1981	30 100	6.3	1990*	24 150	4.8

Median age at first marriage

	Men	Women		Men	Women
1901—05	26.1	23.5	1961—65	24.1	22.3
1906—10	26.2	23.6	1966—70	23.6	22.2
1911—15	26.4	23.7	1971—75	24.0	22.7
1916—20	27.0	24.0	1976—80	25.2	23.3
1921—25	26.9	24.0	1981	25.8	23.8
1926—30	26.6	23.9	1982	26.0	24.0
1931—35	27.1	24.4	1983	26.1	24.1
1936—40	27.6	24.7	1984	26.4	24.4
1941—45	27.6	24.3	1985	26.6	24.5
1946—50	26.1	23.7	1986	26.8	24.9
1951—55	24.9	23.2	1987	26.8	25.0
1956—60	24.6	22.8	1988	27.0	25.2

Figure 2. Median age at first marriage.



Divorces

	Annual mean	Per 1 000 of mean population		Number	Per 1 000 of mean population
1951—60	3 584	0.84	1984	9 652	1.97
1961—70	4 860	1.06	1985	9 064	1.85
1971—75	8 727	1.87	1986	9 742	1.98
1976—80	10 051	2.12	1987	10 110	2.05
1981	9 497	1.98	1988*	13 307	2.69
1982	9 705	2.01	1989*	14 558	2.93
1983	9 770	2.01	1990*	13 169	2.64

Consensual unions

	Proportion (%) of married couples and consensual unions					All	Persons living in consensual union
	15—24	25—29	30—34	35—44	45—64		
1981	44.6	19.4	12.4	6.5	2.5	10.3	214 100
1985	55.0	27.1	13.5	7.4	4.4	12.3	283 000
1987	62.5	32.9	15.2	9.6	4.7	14.8	324 000

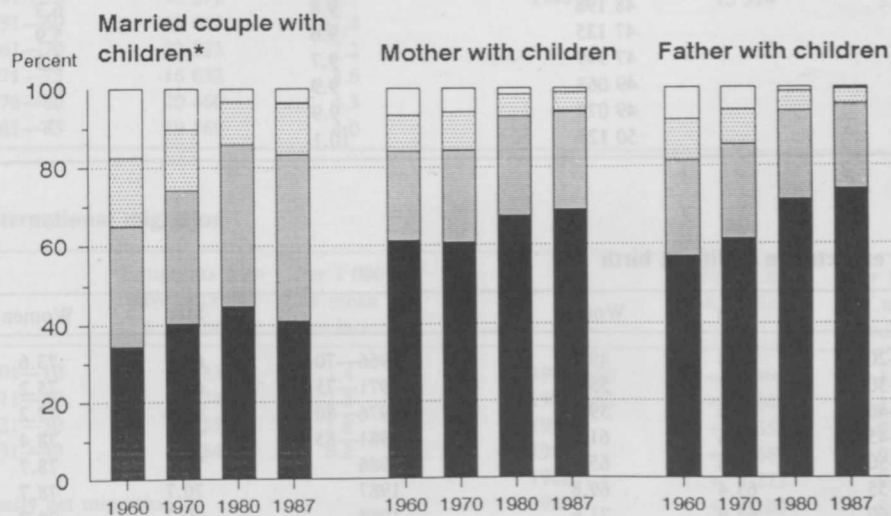
Families with children under 18 years of age by type of family and number of children (percent)

	Married couples with children*				Number
	1	2	3	4+	
1960	34.4	30.7	17.5	17.4	601 542
1970	40.2	33.9	15.5	10.4	602 076
1975	44.9	37.0	12.6	5.5	593 346
1978	44.9	39.8	11.5	3.8	595 944
1980	44.6	41.1	11.1	3.2	588 373
1982	44.6	41.3	11.1	3.0	581 316
1984	43.2	41.7	12.0	3.2	569 568

			3+		
1985	42.4	41.9	15.6		560 784
1987	41.1	42.3	13.0	3.6	545 698
Mothers with children					
	1	2	3	4+	Number
1960	61.1	23.0	9.2	6.7	67 381
1970	60.7	23.8	9.5	6.0	66 303
1975	62.4	25.7	8.3	3.6	72 359
1978	66.2	25.2	6.5	2.1	90 292
1980	67.7	25.3	5.6	1.4	88 896
1982	69.8	24.4	4.8	1.1	90 150
1984	70.1	24.4	4.6	0.9	88 419
			3+		
1985	70.0	24.5	5.5		87 409
1987	69.0	25.2	4.8	1.0	86 377
Fathers with children					
	1	2	3	4+	Number
1960	56.7	24.8	10.3	8.2	9 123
1970	61.1	24.3	9.0	5.6	8 656
1975	64.0	24.6	8.4	3.0	10 386
1978	68.7	23.9	5.6	1.8	10 909
1980	71.1	23.0	4.8	1.1	11 463
1982	73.9	21.9	3.6	0.6	11 399
1984	74.9	21.3	3.3	0.6	11 573
			3+		
1985	74.1	22.0	4.2		11 677
1987	73.8	22.0	3.7	0.6	11 918

* incl. not-married couples with children under 18 years

Figure 3. Families with children under 18 years of age.



■ 1 ■ 2 ■ 3 □ 4+ Children

* including couples living in consensual unions

Families with children under 18 years of age by type of family

	Married couples with children* %	Mothers with children %	Fathers with children %	Number
1960	88.7	10.0	1.3	678 046
1970	88.9	9.8	1.3	677 035
1975	87.8	10.7	1.5	676 091
1978	85.4	13.0	1.6	697 145
1980	85.4	12.9	1.7	688 732
1982	85.1	13.2	1.7	682 865
1984	85.1	13.2	1.7	669 560
1985	85.0	13.2	1.8	659 870
1987	84.7	13.4	1.9	643 993

* incl. not-married couples with children under 18 years

Deaths

	Annual mean/ Number	Per 1 000 of mean population	Infant mortality per 1 000 live births
1901—10	52 099	18.7	123.8
1911—20	58 284	19.0	111.8
1921—30	49 573	14.9	91.9
1931—40	50 222	14.0	72.0
1941—50	51 838	13.6	56.0
1951—60	39 381	9.3	28.6
1961—70	43 494	9.5	16.7
1971—80	44 243	9.4	11.3
1981	44 404	9.3	6.5
1982	43 408	9.0	6.0
1983	45 388	9.3	6.2
1984	45 098	9.2	6.5
1985	48 198	9.8	6.3
1986	47 135	9.6	5.9
1987	47 949	9.7	6.2
1988	49 063	9.9	6.1
1989*	49 072	9.9	..
1990*	50 125	10.1	..

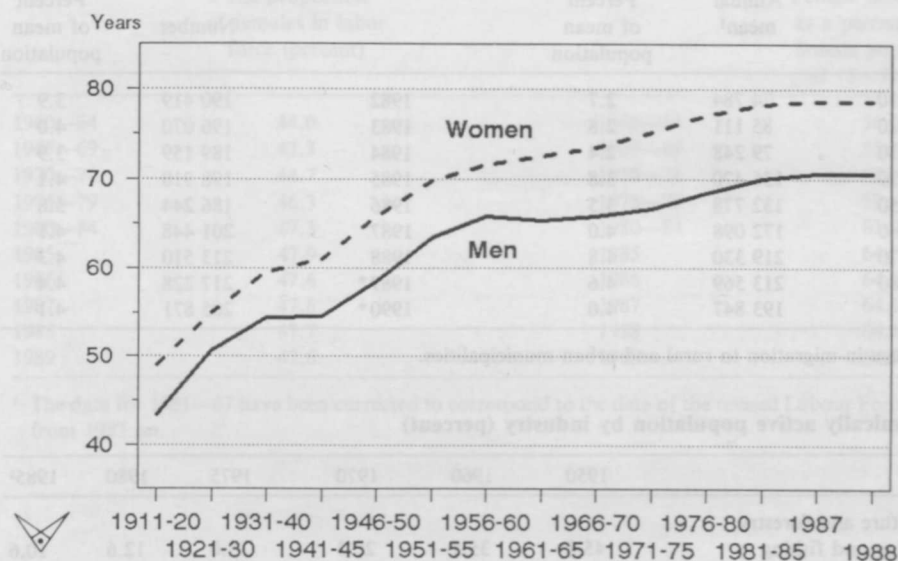
Mean expectation of life at birth

	Men	Women		Men	Women
1911—20 ¹	43.4	49.1	1966—70	65.9	73.6
1921—30	50.7	55.1	1971—75	66.7	75.2
1931—40 ²	54.5	59.6	1976—80	68.5	77.2
1941—45 ²	54.6	61.1	1981—85	70.1	78.4
1946—50	58.6	65.8	1986	70.5	78.7
1951—55	63.4	69.8	1987	70.7	78.7
1956—60	65.9	71.6	1988	70.7	78.7
1961—65	65.4	72.6			

¹ Including deaths due to war operations.

² Excluding deaths due to war operations.

Figure 4. Mean expectation of life at birth.



Excess of births over deaths

	Annual mean	Per 1 000 of mean population		Number	Per 1 000 of mean population
1901-10	38 194	13.7	1986	13 497	2.7
1911-20	24 760	8.1	1987	11 878	2.4
1921-30	28 611	8.7	1988*	14 251	2.9
1931-40	20 354	5.7	1989*	14 283	2.9
1941-50	44 272	10.7	1990*	15 514	3.1
1951-60	48 643	11.4			
1961-70	32 223	7.2			
1971-75	16 632	3.6			
1976-80	20 460	4.3			
1981-85	19 569	4.0			

International migration

	Emigrants who have obtained a passport	Per 1 000 of mean population		Yearly net migration	Per 1 000 of mean population
1901-10	150 832	5.4	1976-80	- 7 493	-1.6
1911-20	67 346	2.2	1981-85	+ 5 347	1.1
1921-30	58 559	1.8	1986	+ 1 658	0.3
1931-40	8 844	0.2	1987	+ 667	0.1
			1988*	+ 1 273	0.3
			1989*	+ 4 200	0.8
			1990*	+ 6 095	1.2
Yearly net migration					
1941-50	- 4 100	-1.1			
1951-60	- 7 003	-1.5			
1961-70	-17 763	-3.9			
1971-75	+ 1 936	0.4			

Internal migration

	Annual mean ¹	Percent of mean population		Number	Percent of mean population
1901—10	74 784	2.7	1982	190 419	3.9
1911—20	85 111	2.8	1983	196 070	4.0
1921—30	79 248	2.4	1984	189 159	3.9
1931—39	136 470	3.8	1985	198 910	4.1
1941—50	132 778	3.5	1986	186 244	3.8
1951—60	172 098	4.0	1987	201 448	4.1
1961—70	219 330	4.8	1988	213 510	4.3
1971—80	213 569	4.6	1989*	217 228	4.4
1981	193 847	4.0	1990*	205 871	4.1

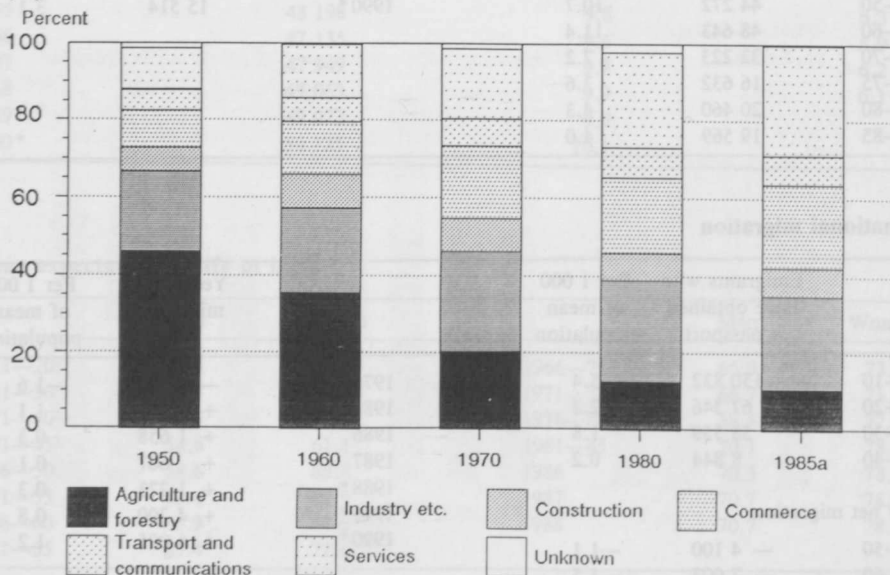
¹ Average in-migration to rural and urban municipalities.

Economically active population by industry (percent)

	1950	1960	1970	1975	1980	1985 ¹
Agriculture and forestry, hunting and fishing	45.8	35.5	20.3	15.0	12.6	10.6
Industry etc.	20.8	21.6	25.9	27.2	26.3	24.3
Construction	6.3	8.7	8.3	8.5	7.1	7.4
Commerce	9.5	13.6	18.9	19.3	19.1	21.3
Transport and communications	5.4	6.3	7.1	7.6	7.9	7.6
Services	10.8	14.0	18.1	20.9	24.8	28.5
Unknown	1.4	0.3	1.4	1.5	2.2	0.3
	100.0	100.0	100.0	100.0	100.0	100.0

¹ Employed labor force

Figure 5. Economically active population by industry.



a) Employed labor force

Females in labor force¹

	The proportion of females in labor force (percent)		Female labor force as a percentage of female population of 15—74 years
1960—64	44.0	1960—64	56.2
1965—69	43.3	1965—69	55.1
1970—74	44.7	1970—74	57.9
1975—79	46.3	1975—79	59.9
1980—84	47.3	1980—84	63.0
1985	47.9	1985	64.8
1986	47.6	1986	64.5
1987	47.6	1987	64.1
1988	47.7	1988	64.1
1989	47.6	1989	64.3

¹ The data for 1981—87 have been corrected to correspond to the data of the revised Labour Force Survey from 1987 on.