

Supplementary Online Content

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This supplementary material has been provided by the authors to give readers additional information about their work.

eMethods. Main *ICD-10* Categories of Psychiatric Diagnoses

International Statistical Classification of Diseases and Related Health Problems, Tenth Revision (ICD-10) has been used in Finland since 1996. The main ICD-10 categories of psychiatric diagnoses include:

F00-F09: Organic, including symptomatic, mental disorders

F10-F19 Mental and behavioural disorders due to psychoactive substance use

F20-F29 Schizophrenia, schizotypal and delusional disorders

F30-F39 Mood [affective] disorders; neurotic

F40-F48 Stress-related and somatoform disorders;

F50-F59 Behavioural syndromes associated with physiological disturbances and physical factors;

F60-F69 Disorders of adult personality and behavior;

F70-F79 Mental retardation;

F80-F89 Disorders of psychological development;

F90-F98 Behavioural and emotional disorders with onset usually occurring in childhood and adolescence

F99 Unspecified mental disorder

eTable 1. Recorded Main ICD-10 Categories of Psychiatric Discharge Diagnoses of First Psychiatric Hospital Treatments in Finland 1996-2014

Variable	No. of First Hospital treatments (%)
ICD-10 Mental and Behavioural Disorders Main groups	
F30-39 Mood disorders	80548 (43.3)
F10-19 Mental and behavioural disorders due to psychoactive substance use	42233 (22.7)
F20-29 Schizophrenia, schizotypal and delusional disorders	35675 (19.2)
F40-48 Neurotic, stress-related and somatoform disorders	33078 (17.8)
F60-69 Disorders of adult personality and behaviour	12387 (6.7)
F90-98 Behavioural and emotional disorders with onset usually occurring in childhood and adolescence	10204 (5.5)
F00-09 Organic, including symptomatic, mental disorders	8371 (4.5)
F50-59 Behavioural syndromes associated with physiological disturbances and physical factors	5021 (2.7)
F80-89 Disorders of psychological development	2302 (1.2)
F70-79 Mental retardation	1395 (0.7)
F99 Unspecified mental disorder	176 (0.09)
Any disorder with major psychotic features ^a	53744 (28.9)
Diagnoses from two or more diagnostic main groups recorded	43439 (23.3)
Total number of first hospital treatments	186082 (100.0)
^a ICD-10 diagnoses: F20, F22-F29, F30.1, F30.2, F30.8, F30.9, F31.1, F31.2, F31.5, F31.6, F32.3, F33.3, F1x.5 and F1x.7	

eTable 2. Annual Age-Standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a

Variable	1996			1997		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	9713	5.11	1.90 (1.86, 1.94)	9658	5.12	1.88 (1.84, 1.91)
Finnish citizens	9547	5.04	1.89 (1.86, 1.93)	9455	5.05	1.86 (1.83, 1.90)
Gender						
Men	5423 (56.8)	2.45 (48.7)	2.15 (2.1, 2.22)	5164 (54.6)	2.46 (48.7)	2.05 (1.99, 2.12)
Women	4124 (43.2)	2.59 (51.3)	1.61 (1.56, 1.66)	4291 (45.4)	2.59 (51.3)	1.66 (1.61, 1.71)
Income decile and non-dwelling population						
1 Lowest	1870 (19.6)	0.47 (9.3)	3.94 (3.73, 4.16)	1890 (20.0)	0.47 (9.2)	4.15 (3.93, 4.38)
2	1206 (12.6)	0.49 (9.7)	2.72 (2.56, 2.89)	1244 (13.2)	0.49 (9.7)	2.80 (2.64, 2.98)
3	1047 (11.0)	0.49 (9.8)	2.31 (2.16, 2.47)	1012 (10.7)	0.49 (9.7)	2.23 (2.09, 2.39)
4	933 (9.8)	0.49 (9.8)	2.06 (1.92, 2.22)	841 (8.9)	0.49 (9.8)	1.81 (1.68, 1.95)
5	816 (8.5)	0.50 (9.8)	1.75 (1.62, 1.91)	786 (8.3)	0.50 (9.8)	1.67 (1.55, 1.83)
6	747 (7.8)	0.50 (9.8)	1.63 (1.49, 1.81)	728 (7.7)	0.50 (9.8)	1.49 (1.37, 1.64)
7	674 (7.1)	0.50 (9.9)	1.38 (1.25, 1.57)	678 (7.2)	0.50 (9.8)	1.37 (1.25, 1.54)
8	668 (7.0)	0.50 (9.9)	1.36 (1.21, 1.58)	636 (6.7)	0.50 (9.9)	1.24 (1.11, 1.44)
9	639 (6.7)	0.50 (9.9)	1.32 (1.18, 1.53)	645 (6.8)	0.50 (9.9)	1.33 (1.16, 1.58)
10 Highest	597 (6.3)	0.50 (9.9)	1.22 (1.09, 1.41)	576 (6.1)	0.50 (9.9)	1.07 (0.96, 1.24)
Non-dwelling	256 (2.7)	0.07 (1.3)	4.40 (3.83, 5.05)	331 (3.5)	0.08 (1.6)	4.53 (4.01, 5.12)
Data missing	94 (1.0)	0.05 (1.0)	5.27 (4.05, 7.36)	88 (0.9)	0.05 (0.9)	5.15 (3.64, 13.37)
Income decreased in previous three years						
No	6034 (63.2)	3.25 (64.5)	1.78 (1.74, 1.83)	6170 (65.3)	3.30 (65.3)	1.79 (1.74, 1.83)
yes	3309 (34.7)	1.53 (30.4)	2.08 (2.0, 2.16)	3096 (32.7)	1.50 (29.7)	1.98 (1.91, 2.07)
Data missing	204 (2.1)	0.26 (5.1)	5.22 (4.37, 6.66)	189 (2.0)	0.25 (5.0)	4.84 (3.99, 6.36)
Urbanicity of living municipality						
Urban	6687 (70.0)	3.26 (64.6)	2.05 (2.0, 2.1)	6535 (69.1)	3.27 (64.9)	1.98 (1.93, 2.03)
Semi Urban	1460 (15.3)	0.87 (17.3)	1.70 (1.61, 1.79)	1477 (15.6)	0.87 (17.2)	1.72 (1.63, 1.81)
Rural	1400 (14.7)	0.91 (18.1)	1.56 (1.48, 1.64)	1443 (15.3)	0.90 (17.9)	1.63 (1.55, 1.72)
Education						
Lower	3795 (46.5)	1.54 (40.8)	3.07 (2.96, 3.18)	3507 (43.9)	1.50 (39.7)	2.90 (2.80, 3.01)
Secondary	3048 (37.4)	1.35 (35.8)	2.10 (2.01, 2.22)	3173 (39.7)	1.37 (36.2)	2.13 (2.03, 2.23)
Tertiary	1316 (16.1)	0.88 (23.4)	1.53 (1.42, 1.65)	1313 (16.4)	0.91 (24.1)	1.46 (1.36, 1.57)
Living alone						
No	5105 (62.6)	2.88 (76.2)	1.73 (1.68, 1.78)	4916 (61.5)	2.88 (76.0)	1.64 (1.59, 1.69)
Yes	3054 (37.4)	0.90 (23.8)	3.60 (3.47, 3.74)	3077 (38.5)	0.91 (24.0)	3.64 (3.51, 3.78)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only.

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	1998			1999		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	9907	5.13	1.92 (1.89, 1.96)	10396	5.13	2.01 (1.97, 2.05)
Finnish citizens	9732	5.05	1.92 (1.88, 1.96)	10213	5.05	2.01 (1.97, 2.05)
Gender						
Men	5296 (54.4)	2.46 (48.7)	2.10 (2.04, 2.16)	5443 (53.3)	2.46 (48.7)	2.16 (2.10, 2.22)
Women	4436 (45.6)	2.59 (51.3)	1.72 (1.67, 1.77)	4770 (46.7)	2.59 (51.3)	1.84 (1.79, 1.90)
Income decile and non-dwelling population						
1 Lowest	2001 (20.6)	0.46 (9.2)	4.25 (4.03, 4.48)	2112 (20.7)	0.46 (9.1)	4.39 (4.17, 4.63)
2	1245 (12.8)	0.49 (9.6)	2.80 (2.63, 2.97)	1259 (12.3)	0.49 (9.6)	2.82 (2.65, 2.99)
3	1040 (10.7)	0.49 (9.7)	2.27 (2.13, 2.43)	1122 (11.0)	0.49 (9.7)	2.48 (2.33, 2.64)
4	929 (9.5)	0.49 (9.8)	2.02 (1.89, 2.17)	962 (9.4)	0.49 (9.8)	2.05 (1.92, 2.20)
5	796 (8.2)	0.50 (9.8)	1.70 (1.58, 1.85)	855 (8.4)	0.50 (9.8)	1.79 (1.67, 1.94)
6	750 (7.7)	0.50 (9.8)	1.52 (1.40, 1.67)	752 (7.4)	0.50 (9.8)	1.55 (1.43, 1.71)
7	673 (6.9)	0.50 (9.9)	1.35 (1.22, 1.52)	688 (6.7)	0.50 (9.9)	1.39 (1.27, 1.55)
8	631 (6.5)	0.50 (9.9)	1.26 (1.13, 1.46)	699 (6.8)	0.50 (9.9)	1.35 (1.23, 1.52)
9	658 (6.8)	0.50 (9.9)	1.35 (1.21, 1.56)	645 (6.3)	0.50 (9.9)	1.33 (1.18, 1.54)
10 Highest	579 (5.9)	0.50 (9.9)	1.24 (1.10, 1.42)	610 (6.0)	0.50 (9.9)	1.24 (1.11, 1.41)
Non-dwelling	324 (3.3)	0.08 (1.6)	4.70 (4.15, 5.31)	373 (3.7)	0.08 (1.6)	5.14 (4.59, 5.76)
Data missing	106 (1.1)	0.04 (0.9)	7.21 (5.01, 11.96)	136 (1.3)	0.05 (0.9)	6.44 (5.07, 9.65)
Income decreased in previous three years						
No	6291 (64.6)	3.25 (64.5)	1.86 (1.81, 1.90)	6407 (62.7)	3.24 (64.2)	1.90 (1.85, 1.95)
yes	3253 (33.4)	1.55 (30.7)	2.03 (1.95, 2.10)	3588 (35.1)	1.57 (31.0)	2.20 (2.13, 2.28)
Data missing	188 (1.9)	0.24 (4.8)	5.25 (4.30, 6.70)	218 (2.1)	0.24 (4.7)	4.85 (4.16, 5.87)
Urbanicity of living municipality						
Urban	6817 (70.0)	3.29 (65.1)	2.06 (2.01, 2.11)	7155 (70.1)	3.30 (65.4)	2.14 (2.09, 2.19)
Semi Urban	1470 (15.1)	0.87 (17.2)	1.72 (1.63, 1.81)	1614 (15.8)	0.86 (17.1)	1.89 (1.79, 1.98)
Rural	1445 (14.8)	0.89 (17.7)	1.64 (1.56, 1.73)	1444 (14.1)	0.88 (17.5)	1.65 (1.57, 1.74)
Education						
Lower	3766 (46.2)	1.47 (38.7)	3.32 (3.20, 3.45)	3676 (43.7)	1.43 (37.7)	3.36 (3.24, 3.49)
Secondary	3057 (37.5)	1.39 (36.6)	2.02 (1.93, 2.12)	3323 (39.5)	1.41 (37.1)	2.14 (2.05, 2.24)
Tertiary	1326 (16.3)	0.93 (24.7)	1.50 (1.40, 1.61)	1406 (16.7)	0.96 (25.2)	1.44 (1.35, 1.54)
Living alone						
No	5033 (61.8)	2.87 (75.7)	1.69 (1.64, 1.74)	5133 (61.1)	2.86 (75.4)	1.74 (1.69, 1.79)
Yes	3116 (38.2)	0.92 (24.3)	3.53 (3.41, 3.66)	3272 (38.9)	0.93 (24.6)	3.66 (3.53, 3.79)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	2000			2001		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	10724	5.13	2.06 (2.02, 2.10)	10607	5.13	2.05 (2.01, 2.09)
Finnish citizens	10527	5.04	2.06 (2.02, 2.10)	10406	5.04	2.05 (2.01, 2.09)
Gender						
Men	5537 (52.6)	2.46 (48.7)	2.18 (2.12, 2.24)	5330 (51.2)	2.46 (48.8)	2.13 (2.07, 2.19)
Women	4990 (47.4)	2.59 (51.3)	1.92 (1.86, 1.97)	5076 (48.8)	2.58 (51.2)	1.95 (1.90, 2.01)
Income decile and non-dwelling population						
1 Lowest	2259 (21.5)	0.46 (9.1)	4.77 (4.54, 5.01)	2138 (20.5)	0.46 (9.1)	4.57 (4.35, 4.81)
2	1320 (12.5)	0.49 (9.6)	3.01 (2.84, 3.19)	1354 (13.0)	0.48 (9.6)	3.08 (2.91, 3.27)
3	1136 (10.8)	0.49 (9.7)	2.49 (2.34, 2.65)	1152 (11.1)	0.49 (9.7)	2.50 (2.35, 2.66)
4	972 (9.2)	0.49 (9.8)	2.08 (1.95, 2.23)	976 (9.4)	0.49 (9.8)	2.09 (1.95, 2.24)
5	865 (8.2)	0.50 (9.8)	1.78 (1.66, 1.92)	900 (8.6)	0.50 (9.8)	1.86 (1.73, 2.00)
6	818 (7.8)	0.50 (9.8)	1.62 (1.51, 1.77)	799 (7.7)	0.50 (9.9)	1.62 (1.50, 1.78)
7	728 (6.9)	0.50 (9.9)	1.45 (1.33, 1.61)	726 (7.0)	0.50 (9.9)	1.46 (1.34, 1.61)
8	702 (6.7)	0.50 (9.9)	1.42 (1.29, 1.61)	673 (6.5)	0.50 (9.9)	1.37 (1.24, 1.54)
9	640 (6.1)	0.50 (9.9)	1.24 (1.11, 1.42)	650 (6.2)	0.50 (9.9)	1.31 (1.16, 1.51)
10 Highest	583 (5.5)	0.50 (9.9)	1.22 (1.10, 1.38)	558 (5.4)	0.50 (9.9)	1.22 (1.08, 1.39)
Non-dwelling	354 (3.4)	0.08 (1.7)	4.96 (4.42, 5.57)	341 (3.3)	0.09 (1.7)	4.52 (4.01, 5.09)
Data missing	150 (1.4)	0.05 (0.9)	7.38 (5.63, 10.81)	139 (1.3)	0.05 (0.9)	8.27 (6.2, 12.59)
Income decreased in previous three years						
No	6600 (62.7)	3.19 (63.2)	1.98 (1.93, 2.03)	6579 (63.2)	3.22 (63.8)	1.97 (1.92, 2.02)
yes	3701 (35.2)	1.62 (32.1)	2.19 (2.12, 2.26)	3602 (34.6)	1.59 (31.6)	2.17 (2.10, 2.25)
Data missing	226 (2.1)	0.23 (4.7)	5.31 (4.51, 6.85)	225 (2.2)	0.23 (4.6)	6.25 (5.13, 8.13)
Urbanicity of living municipality						
Urban	7504 (71.3)	3.31 (65.7)	2.23 (2.17, 2.28)	7318 (70.3)	3.32 (65.9)	2.17 (2.12, 2.23)
Semi Urban	1533 (14.6)	0.86 (17.0)	1.79 (1.70, 1.88)	1574 (15.1)	0.86 (17.0)	1.87 (1.77, 1.96)
Rural	1490 (14.2)	0.87 (17.3)	1.73 (1.64, 1.82)	1514 (14.5)	0.86 (17.1)	1.77 (1.68, 1.87)
Education						
Lower	3628 (42.9)	1.40 (36.7)	3.51 (3.38, 3.64)	3471 (41.4)	1.36 (35.8)	3.38 (3.25, 3.52)
Secondary	3423 (40.5)	1.43 (37.7)	2.20 (2.11, 2.30)	3374 (40.3)	1.45 (38.2)	2.18 (2.09, 2.28)
Tertiary	1411 (16.7)	0.97 (25.6)	1.50 (1.41, 1.61)	1530 (18.3)	0.99 (26.1)	1.60 (1.50, 1.71)
Living alone						
No	5207 (61.5)	2.86 (75.1)	1.75 (1.71, 1.81)	5201 (62.1)	2.86 (74.9)	1.78 (1.73, 1.83)
Yes	3255 (38.5)	0.95 (24.9)	3.63 (3.51, 3.76)	3174 (37.9)	0.96 (25.1)	3.45 (3.32, 3.57)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	2002			2003		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	10603	5.14	2.04 (2.00, 2.08)	10485	5.14	2.02 (1.98, 2.06)
Finnish citizens	10366	5.04	2.04 (2.00, 2.08)	10275	5.04	2.02 (1.98, 2.06)
Gender						
Men	5425 (52.3)	2.46 (48.8)	2.16 (2.10, 2.22)	5117 (49.8)	2.46 (48.8)	2.04 (1.98, 2.10)
Women	4941 (47.7)	2.58 (51.2)	1.90 (1.85, 1.96)	5158 (50.2)	2.58 (51.2)	1.99 (1.93, 2.04)
Income decile and non-dwelling population						
1 Lowest	2249 (21.7)	0.45 (9.0)	4.85 (4.62, 5.10)	2278 (22.2)	0.45 (9.0)	4.96 (4.72, 5.22)
2	1364 (13.2)	0.48 (9.6)	3.19 (3.01, 3.38)	1354 (13.2)	0.48 (9.6)	3.08 (2.91, 3.27)
3	1181 (11.4)	0.49 (9.7)	2.62 (2.46, 2.78)	1146 (11.2)	0.49 (9.7)	2.49 (2.34, 2.65)
4	885 (8.5)	0.49 (9.8)	1.89 (1.76, 2.03)	952 (9.3)	0.49 (9.8)	1.99 (1.86, 2.14)
5	857 (8.3)	0.49 (9.8)	1.78 (1.66, 1.93)	831 (8.1)	0.50 (9.8)	1.70 (1.58, 1.83)
6	830 (8.0)	0.50 (9.9)	1.70 (1.58, 1.85)	775 (7.5)	0.50 (9.9)	1.55 (1.44, 1.70)
7	672 (6.5)	0.50 (9.9)	1.32 (1.21, 1.47)	710 (6.9)	0.50 (9.9)	1.43 (1.31, 1.59)
8	675 (6.5)	0.50 (9.9)	1.36 (1.23, 1.53)	634 (6.2)	0.50 (9.9)	1.26 (1.14, 1.41)
9	588 (5.7)	0.50 (9.9)	1.16 (1.05, 1.34)	595 (5.8)	0.50 (9.9)	1.27 (1.13, 1.46)
10 Highest	569 (5.5)	0.50 (9.9)	1.23 (1.10, 1.40)	541 (5.3)	0.50 (9.9)	1.16 (1.04, 1.32)
Non-dwelling	350 (3.4)	0.08 (1.7)	4.82 (4.30, 5.41)	329 (3.2)	0.08 (1.7)	4.73 (4.20, 5.33)
Data missing	146 (1.4)	0.05 (0.9)	6.96 (5.45, 11.79)	130 (1.3)	0.05 (0.9)	5.82 (4.42, 9.74)
Income decreased in previous three years						
No	6601 (63.7)	3.26 (64.8)	1.94 (1.90, 1.99)	6683 (65.0)	3.33 (66.0)	1.94 (1.89, 1.98)
yes	3527 (34.0)	1.54 (30.6)	2.18 (2.10, 2.25)	3351 (32.6)	1.48 (29.3)	2.13 (2.06, 2.21)
Data missing	238 (2.3)	0.23 (4.6)	5.28 (4.44, 6.95)	241 (2.3)	0.23 (4.6)	5.46 (4.54, 7.12)
Urbanicity of living municipality						
Urban	7222 (69.7)	3.33 (66.1)	2.13 (2.08, 2.18)	7128 (69.4)	3.34 (66.3)	2.10 (2.05, 2.15)
Semi Urban	1595 (15.4)	0.85 (17.0)	1.87 (1.78, 1.97)	1580 (15.4)	0.85 (16.9)	1.87 (1.77, 1.96)
Rural	1549 (14.9)	0.85 (16.9)	1.85 (1.75, 1.94)	1567 (15.3)	0.85 (16.8)	1.86 (1.77, 1.96)
Education						
Lower	3450 (41.2)	1.33 (34.8)	3.49 (3.36, 3.63)	3308 (40.2)	1.30 (33.9)	3.34 (3.21, 3.48)
Secondary	3526 (42.1)	1.48 (38.6)	2.17 (2.09, 2.27)	3491 (42.4)	1.50 (39.1)	2.13 (2.04, 2.22)
Tertiary	1404 (16.8)	1.01 (26.5)	1.45 (1.36, 1.55)	1434 (17.4)	1.03 (27.0)	1.41 (1.32, 1.51)
Living alone						
No	5105 (60.9)	2.85 (74.6)	1.74 (1.69, 1.79)	4916 (59.7)	2.85 (74.4)	1.68 (1.63, 1.73)
Yes	3275 (39.1)	0.97 (25.4)	3.53 (3.41, 3.66)	3317 (40.3)	0.98 (25.6)	3.53 (3.40, 3.66)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	2004			2005		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	10495	5.15	2.02 (1.98, 2.06)	10474	5.16	2.01 (1.98, 2.05)
Finnish citizens	10266	5.04	2.02 (1.98, 2.06)	10229	5.05	2.01 (1.97, 2.05)
Gender						
Men	5154 (50.2)	2.46 (48.8)	2.05 (2.00, 2.11)	4947 (48.4)	2.47 (48.8)	1.99 (1.93, 2.04)
Women	5112 (49.8)	2.58 (51.2)	1.97 (1.92, 2.02)	5282 (51.6)	2.58 (51.2)	2.03 (1.97, 2.08)
Income decile and non-dwelling population						
1 Lowest	2247 (21.9)	0.45 (9.0)	4.94 (4.70, 5.20)	2223 (21.7)	0.45 (8.9)	5.02 (4.78, 5.29)
2	1358 (13.2)	0.48 (9.6)	3.20 (3.02, 3.39)	1413 (13.8)	0.48 (9.6)	3.24 (3.06, 3.43)
3	1117 (10.9)	0.49 (9.7)	2.50 (2.35, 2.66)	1196 (11.7)	0.49 (9.7)	2.63 (2.47, 2.79)
4	972 (9.5)	0.49 (9.8)	2.05 (1.92, 2.19)	964 (9.4)	0.49 (9.8)	2.03 (1.90, 2.18)
5	875 (8.5)	0.50 (9.8)	1.80 (1.68, 1.94)	837 (8.2)	0.50 (9.9)	1.72 (1.60, 1.86)
6	794 (7.7)	0.50 (9.9)	1.59 (1.47, 1.73)	770 (7.5)	0.50 (9.9)	1.54 (1.43, 1.67)
7	698 (6.8)	0.50 (9.9)	1.38 (1.27, 1.53)	717 (7.0)	0.50 (9.9)	1.40 (1.29, 1.54)
8	661 (6.4)	0.50 (9.9)	1.35 (1.22, 1.52)	617 (6.0)	0.50 (9.9)	1.24 (1.12, 1.39)
9	570 (5.6)	0.50 (9.9)	1.14 (1.02, 1.31)	532 (5.2)	0.50 (10.0)	1.08 (0.97, 1.25)
10 Highest	483 (4.7)	0.50 (9.9)	1.02 (0.90, 1.17)	476 (4.7)	0.50 (10.0)	0.96 (0.85, 1.10)
Non-dwelling	358 (3.5)	0.08 (1.7)	5.11 (4.57, 5.72)	379 (3.7)	0.08 (1.7)	5.37 (4.81, 6.00)
Data missing	133 (1.3)	0.05 (0.9)	6.43 (4.88, 9.96)	105 (1.0)	0.04 (0.8)	7.01 (5.46, 9.93)
Income decreased in previous three years						
No	6722 (65.5)	3.39 (67.2)	1.91 (1.87, 1.96)	6748 (66.0)	3.39 (67.1)	1.92 (1.87, 1.97)
yes	3312 (32.3)	1.42 (28.1)	2.19 (2.12, 2.28)	3264 (31.9)	1.43 (28.3)	2.17 (2.09, 2.25)
Data missing	232 (2.3)	0.23 (4.6)	4.92 (4.17, 6.31)	217 (2.1)	0.23 (4.6)	4.70 (4.01, 5.98)
Urbanicity of living municipality						
Urban	7007 (68.3)	3.35 (66.4)	2.06 (2.01, 2.11)	7044 (68.9)	3.36 (66.5)	2.07 (2.02, 2.12)
Semi Urban	1682 (16.4)	0.85 (16.9)	1.98 (1.89, 2.08)	1591 (15.6)	0.85 (16.9)	1.86 (1.77, 1.96)
Rural	1577 (15.4)	0.84 (16.7)	1.90 (1.80, 2.00)	1594 (15.6)	0.83 (16.5)	1.91 (1.81, 2.00)
Education						
Lower	3344 (40.3)	1.27 (33.0)	3.54 (3.40, 3.69)	3351 (40.6)	1.24 (32.1)	3.56 (3.42, 3.70)
Secondary	3512 (42.3)	1.52 (39.6)	2.15 (2.07, 2.24)	3472 (42.0)	1.54 (40.0)	2.18 (2.09, 2.27)
Tertiary	1442 (17.4)	1.06 (27.5)	1.38 (1.29, 1.47)	1435 (17.4)	1.08 (27.9)	1.34 (1.26, 1.43)
Living alone						
No	4936 (59.5)	2.85 (74.2)	1.69 (1.64, 1.74)	4814 (58.3)	2.85 (73.9)	1.67 (1.62, 1.72)
Yes	3362 (40.5)	0.99 (25.8)	3.55 (3.43, 3.68)	3444 (41.7)	1.01 (26.1)	3.59 (3.47, 3.72)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	2006			2007		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	10451	5.17	2.01 (1.97, 2.05)	10511	5.18	2.00 (1.97, 2.04)
Finnish citizens	10252	5.05	2.02 (1.98, 2.06)	10236	5.06	2.00 (1.96, 2.04)
Gender						
Men	4893 (47.7)	2.47 (48.9)	1.96 (1.90, 2.02)	5000 (48.8)	2.47 (48.9)	1.99 (1.94, 2.05)
Women	5359 (52.3)	2.59 (51.1)	2.06 (2.00, 2.12)	5236 (51.2)	2.59 (51.1)	2.01 (1.95, 2.06)
Income decile and non-dwelling population						
1 Lowest	2259 (22.0)	0.45 (8.9)	5.30 (5.04, 5.58)	2234 (21.8)	0.45 (8.8)	4.88 (4.65, 5.13)
2	1482 (14.5)	0.48 (9.6)	3.41 (3.22, 3.61)	1432 (14.0)	0.48 (9.6)	3.40 (3.21, 3.60)
3	1231 (12.0)	0.49 (9.7)	2.68 (2.52, 2.85)	1143 (11.2)	0.49 (9.7)	2.47 (2.32, 2.63)
4	986 (9.6)	0.50 (9.8)	2.09 (1.95, 2.23)	994 (9.7)	0.50 (9.8)	2.07 (1.94, 2.21)
5	844 (8.2)	0.50 (9.9)	1.72 (1.60, 1.85)	873 (8.5)	0.50 (9.9)	1.74 (1.62, 1.87)
6	741 (7.2)	0.50 (9.9)	1.46 (1.36, 1.60)	751 (7.3)	0.50 (9.9)	1.47 (1.37, 1.60)
7	665 (6.5)	0.50 (9.9)	1.37 (1.25, 1.52)	673 (6.6)	0.50 (9.9)	1.30 (1.19, 1.43)
8	562 (5.5)	0.50 (9.9)	1.12 (1.01, 1.26)	620 (6.1)	0.50 (10.0)	1.27 (1.15, 1.43)
9	532 (5.2)	0.50 (10.0)	1.02 (0.92, 1.19)	561 (5.5)	0.51 (10.0)	1.15 (1.02, 1.33)
10 Highest	483 (4.7)	0.50 (10.0)	0.99 (0.88, 1.13)	449 (4.4)	0.51 (10.0)	1.09 (0.96, 1.25)
Non-dwelling	393 (3.8)	0.08 (1.6)	5.58 (5.01, 6.23)	408 (4.0)	0.08 (1.6)	5.80 (5.23, 6.45)
Data missing	74 (0.7)	0.04 (0.8)	5.64 (4.17, 9.07)	98 (1.0)	0.04 (0.8)	6.61 (5.18, 9.29)
Income decreased in previous three years						
No	6798 (66.3)	3.36 (66.5)	1.95 (1.90, 2.00)	6531 (63.8)	3.32 (65.7)	1.88 (1.84, 1.93)
yes	3269 (31.9)	1.46 (28.8)	2.14 (2.07, 2.22)	3483 (34.0)	1.50 (29.6)	2.22 (2.15, 2.30)
Data missing	185 (1.8)	0.24 (4.7)	4.49 (3.73, 5.78)	222 (2.2)	0.24 (4.7)	5.38 (4.53, 6.66)
Urbanicity of living municipality						
Urban	7077 (69.0)	3.37 (66.7)	2.08 (2.03, 2.13)	7190 (70.2)	3.38 (66.8)	2.09 (2.04, 2.14)
Semi Urban	1588 (15.5)	0.86 (16.9)	1.86 (1.77, 1.96)	1535 (15.0)	0.86 (16.9)	1.78 (1.69, 1.87)
Rural	1587 (15.5)	0.83 (16.4)	1.92 (1.83, 2.02)	1511 (14.8)	0.82 (16.2)	1.88 (1.78, 1.98)
Education						
Lower	3350 (40.5)	1.20 (31.2)	3.64 (3.49, 3.79)	3066 (38.2)	1.17 (30.3)	3.58 (3.43, 3.73)
Secondary	3469 (41.9)	1.56 (40.4)	2.14 (2.06, 2.23)	3532 (44.0)	1.58 (40.7)	2.12 (2.04, 2.20)
Tertiary	1452 (17.6)	1.10 (28.4)	1.30 (1.22, 1.39)	1428 (17.8)	1.12 (29.0)	1.30 (1.22, 1.39)
Living alone						
No	4760 (57.6)	2.85 (73.6)	1.64 (1.60, 1.69)	4615 (57.5)	2.84 (73.4)	1.62 (1.57, 1.67)
Yes	3511 (42.4)	1.02 (26.4)	3.59 (3.47, 3.72)	3411 (42.5)	1.03 (26.6)	3.48 (3.36, 3.61)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	2008			2009		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	11057	5.2	2.11 (2.07, 2.15)	10259	5.22	1.96 (1.92, 1.99)
Finnish citizens	10767	5.07	2.11 (2.07, 2.15)	10000	5.07	1.97 (1.93, 2.01)
Gender						
Men	5322 (49.4)	2.48 (48.9)	2.13 (2.07, 2.19)	4867 (48.7)	2.48 (48.9)	1.96 (1.90, 2.01)
Women	5445 (50.6)	2.59 (51.1)	2.09 (2.04, 2.15)	5133 (51.3)	2.59 (51.1)	1.98 (1.92, 2.03)
Income decile and non-dwelling population						
1 Lowest	2468 (22.9)	0.44 (8.8)	5.58 (5.34, 5.85)	2193 (21.9)	0.44 (8.7)	4.91 (4.67, 5.16)
2	1512 (14.0)	0.48 (9.6)	3.53 (3.34, 3.74)	1342 (13.4)	0.48 (9.5)	3.16 (2.97, 3.36)
3	1246 (11.6)	0.49 (9.7)	2.68 (2.52, 2.85)	1096 (11.0)	0.49 (9.7)	2.36 (2.22, 2.52)
4	997 (9.3)	0.50 (9.8)	2.11 (1.98, 2.25)	959 (9.6)	0.50 (9.8)	2.00 (1.87, 2.14)
5	884 (8.2)	0.50 (9.9)	1.79 (1.67, 1.92)	852 (8.5)	0.50 (9.9)	1.74 (1.62, 1.87)
6	795 (7.4)	0.50 (9.9)	1.57 (1.45, 1.70)	769 (7.7)	0.50 (9.9)	1.50 (1.40, 1.63)
7	680 (6.3)	0.50 (9.9)	1.36 (1.25, 1.50)	696 (7.0)	0.50 (9.9)	1.37 (1.26, 1.50)
8	611 (5.7)	0.51 (10.0)	1.19 (1.08, 1.33)	613 (6.1)	0.51 (10.0)	1.27 (1.15, 1.43)
9	554 (5.1)	0.51 (10.0)	1.07 (0.96, 1.22)	556 (5.6)	0.51 (10.0)	1.06 (0.97, 1.21)
10 Highest	481 (4.5)	0.51 (10.0)	1.01 (0.90, 1.16)	413 (4.1)	0.51 (10.0)	0.90 (0.79, 1.04)
Non-dwelling	429 (4.0)	0.08 (1.6)	6.47 (5.85, 7.16)	404 (4.0)	0.08 (1.6)	6.04 (5.44, 6.70)
Data missing	110 (1.0)	0.04 (0.8)	8.03 (6.32, 10.84)	107 (1.1)	0.04 (0.8)	6.64 (5.24, 9.07)
Income decreased in previous three years						
No	6863 (63.7)	3.28 (64.7)	2.01 (1.96, 2.06)	6459 (64.6)	3.28 (64.6)	1.90 (1.85, 1.95)
yes	3686 (34.2)	1.56 (30.7)	2.28 (2.21, 2.36)	3334 (33.3)	1.56 (30.7)	2.07 (2.00, 2.14)
Data missing	218 (2.0)	0.23 (4.6)	6.43 (5.46, 7.76)	207 (2.1)	0.24 (4.6)	5.43 (4.61, 6.69)
Urbanicity of living municipality						
Urban	7520 (69.8)	3.40 (67.0)	2.19 (2.14, 2.24)	7058 (70.6)	3.41 (67.2)	2.04 (1.99, 2.09)
Semi Urban	1693 (15.7)	0.86 (16.9)	2.02 (1.92, 2.12)	1516 (15.2)	0.85 (16.9)	1.83 (1.74, 1.92)
Rural	1554 (14.4)	0.81 (16.1)	1.94 (1.84, 2.04)	1426 (14.3)	0.81 (15.9)	1.80 (1.71, 1.90)
Education						
Lower	3204 (38.2)	1.14 (29.4)	3.87 (3.71, 4.03)	2893 (37.1)	1.11 (28.5)	3.72 (3.57, 3.89)
Secondary	3669 (43.7)	1.58 (40.8)	2.21 (2.13, 2.29)	3442 (44.2)	1.60 (41.2)	2.03 (1.96, 2.11)
Tertiary	1523 (18.1)	1.16 (29.8)	1.34 (1.26, 1.43)	1458 (18.7)	1.18 (30.3)	1.25 (1.18, 1.33)
Living alone						
No	4695 (55.9)	2.84 (73.2)	1.63 (1.59, 1.68)	4375 (56.1)	2.84 (73.1)	1.54 (1.49, 1.59)
Yes	3701 (44.1)	1.04 (26.8)	3.77 (3.64, 3.90)	3418 (43.9)	1.05 (26.9)	3.46 (3.33, 3.58)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	2010			2011		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	9549	5.23	1.82 (1.78, 1.86)	9362	5.25	1.78 (1.74, 1.81)
Finnish citizens	9279	5.08	1.83 (1.79, 1.86)	9086	5.08	1.79 (1.75, 1.82)
Gender						
Men	4410 (47.5)	2.48 (48.9)	1.77 (1.71, 1.82)	4314 (47.5)	2.49 (48.9)	1.73 (1.68, 1.78)
Women	4869 (52.5)	2.59 (51.1)	1.88 (1.82, 1.93)	4772 (52.5)	2.59 (51.1)	1.84 (1.79, 1.89)
Income decile and non-dwelling population						
1 Lowest	2110 (22.7)	0.44 (8.7)	4.66 (4.42, 4.91)	1935 (21.3)	0.44 (8.6)	4.24 (4.01, 4.48)
2	1254 (13.5)	0.48 (9.5)	2.85 (2.68, 3.03)	1274 (14.0)	0.48 (9.5)	2.93 (2.75, 3.12)
3	1096 (11.8)	0.49 (9.7)	2.33 (2.18, 2.48)	1067 (11.7)	0.49 (9.7)	2.25 (2.11, 2.40)
4	813 (8.8)	0.50 (9.8)	1.70 (1.58, 1.83)	850 (9.4)	0.50 (9.8)	1.75 (1.63, 1.88)
5	734 (7.9)	0.50 (9.9)	1.47 (1.36, 1.59)	726 (8.0)	0.50 (9.9)	1.46 (1.35, 1.58)
6	700 (7.5)	0.50 (9.9)	1.41 (1.30, 1.53)	713 (7.8)	0.50 (9.9)	1.42 (1.31, 1.54)
7	642 (6.9)	0.51 (10.0)	1.25 (1.15, 1.38)	608 (6.7)	0.51 (10.0)	1.19 (1.09, 1.31)
8	567 (6.1)	0.51 (10.0)	1.14 (1.03, 1.27)	526 (5.8)	0.51 (10.0)	1.07 (0.96, 1.20)
9	511 (5.5)	0.51 (10.0)	1.06 (0.94, 1.21)	503 (5.5)	0.51 (10.0)	1.00 (0.90, 1.14)
10 Highest	361 (3.9)	0.51 (10.0)	0.76 (0.66, 0.89)	402 (4.4)	0.51 (10.1)	0.90 (0.80, 1.04)
Non-dwelling	364 (3.9)	0.08 (1.6)	5.49 (4.92, 6.13)	350 (3.9)	0.08 (1.6)	5.26 (4.70, 5.89)
Data missing	127 (1.4)	0.04 (0.9)	8.00 (6.25, 10.53)	132 (1.5)	0.04 (0.9)	7.11 (5.74, 9.19)
Income decreased in previous three years						
No	6141 (66.2)	3.43 (67.6)	1.74 (1.70, 1.78)	6014 (66.2)	3.46 (68.1)	1.70 (1.65, 1.74)
yes	2941 (31.7)	1.41 (27.7)	1.96 (1.89, 2.04)	2853 (31.4)	1.38 (27.2)	1.93 (1.86, 2.01)
Data missing	197 (2.1)	0.24 (4.7)	5.32 (4.46, 6.62)	219 (2.4)	0.24 (4.7)	5.66 (4.84, 6.91)
Urbanicity of living municipality						
Urban	6521 (70.3)	3.42 (67.4)	1.88 (1.84, 1.93)	6432 (70.8)	3.43 (67.5)	1.85 (1.81, 1.90)
Semi Urban	1467 (15.8)	0.85 (16.8)	1.76 (1.67, 1.86)	1378 (15.2)	0.85 (16.8)	1.67 (1.58, 1.76)
Rural	1291 (13.9)	0.80 (15.8)	1.67 (1.58, 1.77)	1276 (14.0)	0.80 (15.7)	1.64 (1.55, 1.74)
Education						
Lower	2637 (36.7)	1.08 (27.7)	3.42 (3.27, 3.58)	2464 (35.4)	1.05 (26.8)	3.25 (3.10, 3.41)
Secondary	3199 (44.5)	1.62 (41.5)	1.90 (1.83, 1.97)	3103 (44.6)	1.64 (41.9)	1.80 (1.73, 1.87)
Tertiary	1345 (18.7)	1.20 (30.8)	1.14 (1.07, 1.21)	1393 (20.0)	1.23 (31.3)	1.11 (1.05, 1.18)
Living alone						
No	4087 (56.9)	2.85 (73.0)	1.44 (1.39, 1.48)	4007 (57.6)	2.85 (72.8)	1.41 (1.37, 1.46)
Yes	3094 (43.1)	1.05 (27.0)	3.05 (2.94, 3.17)	2953 (42.4)	1.06 (27.2)	2.92 (2.80, 3.03)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	2012			2013		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	9346	5.27	1.77 (1.74, 1.81)	8643	5.29	1.64 (1.60, 1.67)
Finnish citizens	9044	5.09	1.78 (1.75, 1.82)	8346	5.1	1.65 (1.61, 1.68)
Gender						
Men	4135 (45.7)	2.49 (49.0)	1.65 (1.60, 1.71)	3822 (45.8)	2.50 (49.0)	1.52 (1.47, 1.57)
Women	4909 (54.3)	2.60 (51.0)	1.90 (1.85, 1.95)	4524 (54.2)	2.60 (51.0)	1.76 (1.71, 1.81)
Income decile and non-dwelling population						
1 Lowest	2029 (22.4)	0.43 (8.5)	4.68 (4.44, 4.94)	1847 (22.1)	0.43 (8.5)	4.10 (3.88, 4.34)
2	1266 (14.0)	0.48 (9.5)	3.01 (2.83, 3.21)	1132 (13.6)	0.48 (9.4)	2.61 (2.45, 2.79)
3	1030 (11.4)	0.49 (9.7)	2.27 (2.13, 2.43)	958 (11.5)	0.49 (9.7)	2.08 (1.94, 2.23)
4	834 (9.2)	0.50 (9.8)	1.74 (1.62, 1.87)	795 (9.5)	0.50 (9.8)	1.61 (1.49, 1.73)
5	733 (8.1)	0.50 (9.9)	1.48 (1.37, 1.60)	694 (8.3)	0.50 (9.9)	1.40 (1.29, 1.51)
6	692 (7.7)	0.51 (9.9)	1.37 (1.26, 1.49)	609 (7.3)	0.51 (9.9)	1.21 (1.12, 1.33)
7	594 (6.6)	0.51 (10.0)	1.16 (1.06, 1.28)	573 (6.9)	0.51 (10.0)	1.13 (1.03, 1.24)
8	559 (6.2)	0.51 (10.0)	1.13 (1.03, 1.27)	488 (5.8)	0.51 (10.0)	0.98 (0.89, 1.11)
9	428 (4.7)	0.51 (10.1)	0.90 (0.80, 1.04)	440 (5.3)	0.51 (10.1)	0.92 (0.82, 1.05)
10 Highest	426 (4.7)	0.51 (10.1)	0.95 (0.84, 1.09)	366 (4.4)	0.52 (10.1)	0.83 (0.72, 0.96)
Non-dwelling	340 (3.8)	0.09 (1.7)	4.79 (4.27, 5.38)	330 (4.0)	0.09 (1.7)	4.56 (4.06, 5.13)
Data missing	113 (1.2)	0.04 (0.9)	6.61 (4.97, 9.93)	114 (1.4)	0.04 (0.9)	6.09 (4.48, 9.26)
Income decreased in previous three years						
No	6012 (66.5)	3.46 (68.0)	1.70 (1.65, 1.74)	5456 (65.4)	3.37 (66.2)	1.57 (1.53, 1.62)
yes	2851 (31.5)	1.39 (27.3)	1.93 (1.86, 2.01)	2690 (32.2)	1.48 (29.1)	1.75 (1.68, 1.82)
Data missing	181 (2.0)	0.24 (4.7)	5.34 (4.37, 6.67)	200 (2.4)	0.24 (4.7)	4.76 (4.00, 5.83)
Urbanicity of living municipality						
Urban	6406 (70.8)	3.45 (67.8)	1.84 (1.79, 1.88)	5960 (71.4)	3.46 (68.0)	1.70 (1.66, 1.75)
Semi Urban	1411 (15.6)	0.85 (16.8)	1.72 (1.63, 1.81)	1275 (15.3)	0.85 (16.7)	1.57 (1.48, 1.66)
Rural	1227 (13.6)	0.79 (15.5)	1.62 (1.53, 1.72)	1111 (13.3)	0.78 (15.3)	1.49 (1.40, 1.59)
Education						
Lower	2329 (33.7)	1.02 (26.0)	3.23 (3.07, 3.39)	2064 (32.9)	0.98 (25.0)	2.90 (2.76, 3.06)
Secondary	3195 (46.2)	1.66 (42.3)	1.83 (1.76, 1.90)	2913 (46.4)	1.68 (42.5)	1.65 (1.59, 1.72)
Tertiary	1397 (20.2)	1.25 (31.8)	1.13 (1.06, 1.20)	1300 (20.7)	1.28 (32.5)	1.03 (0.96, 1.09)
Living alone						
No	3891 (56.2)	2.86 (72.7)	1.38 (1.33, 1.42)	3449 (54.9)	2.85 (72.5)	1.23 (1.19, 1.27)
Yes	3030 (43.8)	1.07 (27.3)	2.97 (2.86, 3.09)	2828 (45.1)	1.08 (27.5)	2.68 (2.58, 2.79)

^aStandardized to the 2013 European Standard Population by 5-year age groups.

^bTotal row contains the whole data; all other rows contain Finnish citizens only

eTable 2. Annual Age-standardized Incidence Rates (IRs) of First Psychiatric Hospital Admissions^a (continued)

Variable	2014		
	No. of Admissions (%)	Person-years at risk, millions (%)	IR (95% CI) per 1000 Person-years
Total ^b	8387	5.31	1.59 (1.56, 1.62)
Finnish citizens	8056	5.1	1.59 (1.56, 1.63)
Gender			
Men	3832 (47.6)	2.50 (49.0)	1.54 (1.49, 1.59)
Women	4224 (52.4)	2.60 (51.0)	1.65 (1.60, 1.70)
Income decile and non-dwelling population			
1 Lowest	1804 (22.4)	0.43 (8.5)	4.03 (3.80, 4.27)
2	1116 (13.9)	0.48 (9.4)	2.62 (2.45, 2.80)
3	909 (11.3)	0.49 (9.7)	1.95 (1.82, 2.10)
4	776 (9.6)	0.50 (9.8)	1.63 (1.51, 1.75)
5	662 (8.2)	0.50 (9.9)	1.32 (1.22, 1.43)
6	579 (7.2)	0.51 (9.9)	1.15 (1.05, 1.25)
7	564 (7.0)	0.51 (10.0)	1.11 (1.02, 1.22)
8	482 (6.0)	0.51 (10.0)	0.97 (0.88, 1.09)
9	382 (4.7)	0.51 (10.1)	0.79 (0.70, 0.91)
10 Highest	338 (4.2)	0.52 (10.1)	0.73 (0.64, 0.84)
Non-dwelling	323 (4.0)	0.09 (1.7)	4.60 (4.09, 5.19)
Data missing	121 (1.5)	0.04 (0.8)	6.22 (4.96, 9.58)
Income decreased in previous three years			
No	5313 (66.0)	3.45 (67.7)	1.51 (1.47, 1.56)
yes	2534 (31.5)	1.41 (27.7)	1.72 (1.65, 1.79)
Data missing	209 (2.6)	0.24 (4.6)	4.93 (4.20, 5.95)
Urbanicity of living municipality			
Urban	5727 (71.1)	3.48 (68.3)	1.63 (1.59, 1.67)
Semi Urban	1249 (15.5)	0.85 (16.6)	1.55 (1.46, 1.64)
Rural	1080 (13.4)	0.77 (15.1)	1.50 (1.40, 1.59)
Education			
Lower	1974 (32.1)	0.95 (24.1)	3.10 (2.94, 3.27)
Secondary	2913 (47.4)	1.70 (43.0)	1.63 (1.56, 1.69)
Tertiary	1259 (20.5)	1.30 (33.0)	0.98 (0.92, 1.05)
Living alone			
No	3424 (55.7)	2.86 (72.3)	1.22 (1.18, 1.26)
Yes	2722 (44.3)	1.10 (27.7)	2.62 (2.52, 2.73)
^a Standardized to the 2013 European Standard Population by 5-year age groups.			
^b Total row contains the whole data; all other rows contain Finnish citizens only			

eTable 3. Joinpoint Analysis of Sex- and Income-Specific Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Diagnosis of Mental and Behavioural Disorders Due to Psychoactive Substance Use^a

ICD-10 Diagnoses F10-F19	Segment								Total follow-up period
	1		2		3		4		1996-2014
	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	AAPC (95% CI)
Overall trends									
Total	1996	4.04 (2.37, 5.73)	2000	-2.92 (-7.67, 2.07)	2003	2.44 (0.84, 4.07)	2008	-8.8 (-9.69, -7.91)	-2.0 (-2.87, -1.11)
Men	1996	3.16 (1.13, 5.22)	2000	-3.58 (-9.43, 2.64)	2003	2.38 (0.39, 4.41)	2008	-9.54 (-10.64, -8.43)	-2.57 (-3.66, -1.47)
Women	1996	5.39 (2.22, 8.67)	2001	-1.11 (-7.24, 5.43)	2005	4.62 (-7.81, 18.73)	2008	-7.44 (-9.63, -5.2)	-0.61 (-2.95, 1.78)
Income-specific trends									
Men									
Non-dwelling population	1996	0.74 (-1.37, 2.9)	2005	13.43 (-6.95, 38.28)	2008	-13.24 (-16.57, -9.79)			-2.24 (-5.41, 1.04)
1 Lowest decile	1996	1.73 (0.45, 3.03)	2008	-9.34 (-13.11, -5.41)					-2.1 (-3.57, -0.62)
2	1996	3.22 (1.7, 4.77)	2007	-8.95 (-12.04, -5.76)					-1.69 (-3.14, -0.23)
3	1996	1.22 (-0.52, 2.99)	2008	-11.02 (-16.45, -5.24)					-3.03 (-5.13, -0.89)
4	1996	0.85 (-1.1, 2.83)	2008	-10.94 (-16.67, -4.82)					-3.25 (-5.49, -0.95)
5	1996	0.08 (-1.05, 1.22)	2009	-16.61 (-34.47, 6.12)	2012	1.37 (-23.33, 34.03)			-2.78 (-7.13, 1.78)
6	1996	16.02 (-10.63, 50.61)	1998	-2.72 (-7.72, 2.54)	2004	6.54 (-15.21, 33.86)	2007	-11.36 (-14.68, -7.92)	-2.86 (-7.15, 1.62)
7	1996	-0.55 (-1.65, 0.56)	2010	-14.94 (-22.76, -6.32)					-3.94 (-5.95, -1.89)
8	1996	-0.91 (-2.84, 1.06)	2008	-9.67 (-15.63, -3.29)					-3.92 (-6.2, -1.59)
9	1996	14.65 (-3.11, 35.67)	1999	-10.47 (-19.34, 0.64)	2004	12.09 (-19.18, 55.46)	2007	-10.7 (-15.34, -5.8)	-3.24 (-8.9, 2.77)
10 Highest decile	1996	-4.56 (-5.75, -3.36)							-4.56 (-5.75, -3.36)
Abbreviations: APC, Annual percentage change; AAPC Average annual percentage change. ^a Standardized to the 2013 European Standard Population by 5-year age groups.									

eTable 3. Joinpoint Analysis of Gender- and Income-specific Age-standardized Incidence Rates of First Psychiatric Hospital Admissions with Diagnosis of Mental and Behavioural Disorders Due to Psychoactive Substance Use ^a(continued)

ICD-10 Diagnoses F10-F19	Segment								Total follow-up period
	1		2		3		4		1996-2014
	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	AAPC (95% CI)
Women									
Non-dwelling population	1996	-2.97 (-10.79, 5.54)	2003	19.2 (1.8, 39.58)	2008	-9.93 (-16.75, -2.55)			0.22 (-5.05, 5.78)
1 Lowest decile	1996	4.01 (1.95, 6.12)	2008	-7.8 (-13.08, -2.21)					-0.09 (-2.23, 2.11)
2	1996	2.74 (1.01, 4.5)	2008	-9.12 (-13.86, -4.12)					-1.38 (-3.26, 0.55)
3	1996	1.13 (-1.58, 3.91)	2006	-4.68 (-8.7, -0.48)					-1.5 (-3.67, 0.72)
4	1996	2.16 (-0.02, 4.38)	2009	-10.52 (-19.36, -0.71)					-1.53 (-4.44, 1.46)
5	1996	2.89 (0.64, 5.2)	2008	-10.6 (-16.6, -4.16)					-1.82 (-4.25, 0.68)
6	1996	-1.07 (-3.09, 0.99)							-1.07 (-3.09, 0.99)
7	1996	15.81 (-2.51, 37.59)	2000	-2.58 (-4.78, -0.33)					1.24 (-2.59, 5.22)
8	1996	9.32 (-5.21, 26.07)	2001	-3.55 (-6.94, -0.03)					-0.13 (-4.36, 4.28)
9	1996	0.71 (-1.65, 3.13)	2010	-15.4 (-31.81, 4.96)					-3.12 (-7.56, 1.54)
10 Highest decile	1996	-4.22 (-6.22, -2.17)							-4.22 (-6.22, -2.17)
Abbreviations: APC, Annual percentage change; AAPC Average annual percentage change. ^a Standardized to the 2013 European Standard Population by 5-year age groups.									

eTable 4. Joinpoint Analysis of Sex- and Income-Specific Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Diagnosis of Schizophrenia, Schizotypal and Delusional Disorders^a

ICD-10 Diagnoses F20-F29	Segment								Total follow-up period
	1		2		3		4		1996-2014
	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	AAPC (95% CI)
Overall trends									
Total	1996	-2.9 (-13.27, 8.7)	1998	3.22 (-0.27, 6.84)	2003	-2.46 (-3.19, -1.72)			-0.96 (-2.4, 0.5)
Men	1996	-4.75 (-16.1, 8.12)	1998	5.71 (-0.44, 12.24)	2002	-2.25 (-3.49, -1.0)	2011	0.88 (-4.87, 6.98)	-0.3 (-2.2, 1.64)
Women	1996	1.52 (0.1, 2.96)	2004	-3.12 (-4.14, -2.09)					-1.08 (-1.86, -0.3)
Income-specific trends									
Men									
Non-dwelling population	1996	1.33 (-0.37, 3.05)							1.33 (-0.37, 3.05)
1 Lowest decile	1996	5.16 (1.12, 9.36)	2003	-0.88 (-2.64, 0.92)					1.43 (-0.3, 3.18)
2	1996	-12.06 (-31.09, 12.24)	1998	10.48 (-2.82, 25.61)	2002	-1.92 (-3.37, -0.45)			-0.5 (-4.03, 3.16)
3	1996	-11.29 (-30.57, 13.34)	1998	4.92 (0.69, 9.31)	2005	-4.42 (-6.65, -2.13)			-1.71 (-4.61, 1.29)
4	1996	-1.34 (-2.65, -0.02)							-1.34 (-2.65, -0.02)
5	1996	-1.27 (-2.32, -0.21)							-1.27 (-2.32, -0.21)
6	1996	-1.56 (-3.1, 0.01)							-1.56 (-3.1, 0.01)
7	1996	-1.81 (-3.33, -0.25)	2012	16.74 (-25.09, 81.94)					0.1 (-4.48, 4.9)
8	1996	-1.04 (-2.38, 0.32)							-1.04 (-2.38, 0.32)
9	1996	-0.82 (-2.39, 0.78)							-0.82 (-2.39, 0.78)
10 Highest decile	1996	-0.69 (-2.38, 1.03)							-0.69 (-2.38, 1.03)
Abbreviations: APC, Annual percentage change; AAPC Average annual percentage change. ^a Standardized to the 2013 European Standard Population by 5-year age groups.									

eTable 4. Joinpoint Analysis of Gender- and Income-specific Age-standardized Incidence Rates of First Psychiatric Hospital Admissions with Diagnosis of Schizophrenia, Schizotypal and Delusional Disorders ^a (continued)

ICD-10 Diagnoses F20-F29	Segment								Total follow-up period
	1		2		3		4		1996-2014
	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	AAPC (95% CI)
Women									
Non-dwelling population	1996	0.99 (-1.19, 3.21)							0.99 (-1.19, 3.21)
1 Lowest decile	1996	3.29 (1.28, 5.35)	2006	-3.81 (-6.44, -1.1)					0.07 (-1.42, 1.59)
2	1996	2.78 (0.64, 4.97)	2005	-2.62 (-4.64, -0.56)					0.04 (-1.31, 1.41)
3	1996	-2.1 (-3.09, -1.09)							-2.1 (-3.09, -1.09)
4	1996	-2.05 (-3.19, -0.9)							-2.05 (-3.19, -0.9)
5	1996	2.72 (-2.08, 7.77)	2004	-5.08 (-8.17, -1.9)					-1.69 (-4.18, 0.87)
6	1996	1.45 (-1.97, 4.99)	2005	-6.29 (-9.46, -3.0)					-2.5 (-4.64, -0.31)
7	1996	-1.16 (-2.62, 0.32)							-1.16 (-2.62, 0.32)
8	1996	-1.28 (-2.92, 0.39)							-1.28 (-2.92, 0.39)
9	1996	-0.56 (-2.41, 1.32)							-0.56 (-2.41, 1.32)
10 Highest decile	1996	-1.94 (-3.72, -0.12)							-1.94 (-3.72, -0.12)
Abbreviations: APC, Annual percentage change; AAPC Average annual percentage change. ^a Standardized to the 2013 European Standard Population by 5-year age groups.									

eTable 5. Joinpoint Analysis of Sex- and Income-Specific Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Diagnosis of Mood Disorders^a

ICD-10 Diagnoses F30-F39	Segment								Total follow-up period
	1		2		3		4		1996-2014
	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	AAPC (95% CI)
Overall trends									
Total	1996	4.53 (2.27, 6.84)	2000	0.72 (-0.13, 1.58)	2008	-3.52 (-4.6, -2.42)			0.11 (-0.53, 0.76)
Men	1996	0.61 (-0.23, 1.47)	2008	-3.97 (-6.26, -1.63)					-0.94 (-1.82, -0.05)
Women	1996	7.1 (3.99, 10.32)	2000	1.18 (0.06, 2.31)	2008	-3.37 (-4.79, -1.93)			0.91 (0.05, 1.77)
Income-specific trends									
Men									
Non-dwelling population	1996	0.76 (-4.25, 6.02)	2005	14.33 (-9.0, 43.64)	2009	-19.18 (-49.25, 28.7)	2012	13.85 (-30.99, 87.83)	1.25 (-7.87, 11.27)
1 Lowest decile	1996	1.25 (0.21, 2.3)							1.25 (0.21, 2.3)
2	1996	2.45 (0.95, 3.98)	2008	-3.05 (-7.17, 1.25)					0.58 (-1.01, 2.21)
3	1996	1.39 (0.17, 2.62)	2008	-5.32 (-8.81, -1.7)					-0.9 (-2.24, 0.46)
4	1996	0.97 (-0.29, 2.24)	2007	-4.29 (-6.77, -1.74)					-1.11 (-2.26, 0.05)
5	1996	4.71 (-1.74, 11.58)	2001	-1.81 (-3.25, -0.35)					-0.04 (-1.91, 1.86)
6	1996	-0.7 (-1.97, 0.58)	2011	-10.17 (-23.3, 5.21)					-2.34 (-4.85, 0.23)
7	1996	3.56 (1.46, 5.69)	2002	-6.67 (-12.16, -0.84)	2006	7.37 (-4.44, 20.64)	2009	-6.41 (-8.94, -3.81)	-1.02 (-3.16, 1.17)
8	1996	0.11 (-1.62, 1.86)	2008	-5.92 (-10.4, -1.22)					-1.95 (-3.72, -0.14)
9	1996	-2.91 (-3.58, -2.23)							-2.91 (-3.58, -2.23)
10 Highest decile	1996	-2.75 (-3.98, -1.51)							-2.75 (-3.98, -1.51)
Abbreviations: APC, Annual percentage change; AAPC Average annual percentage change. ^a Standardized to the 2013 European Standard Population by 5-year age groups.									

eTable 5. Joinpoint Analysis of Gender- and Income-specific Age-standardized Incidence Rates of First Psychiatric Hospital Admissions with diagnosis of Mood disorders^a (continued)

ICD-10 Diagnoses F30-F39	Segment								Total follow-up period	
	1		2		3		4		1996-2014	
	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	AAPC (95% CI)	
Women										
Non-dwelling population	1996	21.69 (-15.28, 74.79)	1999	0.97 (-1.32, 3.32)						4.16 (-1.69, 10.37)
1 Lowest decile	1996	7.21 (4.62, 9.85)	2003	-0.1 (-1.81, 1.65)	2012	-12.71 (-26.91, 4.23)				1.15 (-0.95, 3.29)
2	1996	-1.08 (-15.39, 15.64)	1998	11.05 (-3.75, 28.12)	2001	1.5 (-0.74, 3.78)	2008	-3.91 (-6.14, - 1.61)		0.88 (-1.8, 3.64)
3	1996	7.92 (4.28, 11.68)	2002	-0.89 (-1.97, 0.19)						1.96 (0.71, 3.23)
4	1996	11.72 (-10.2, 38.99)	1998	1.33 (-0.36, 3.04)	2008	-2.96 (-6.06, 0.24)				0.97 (-1.53, 3.53)
5	1996	2.32 (0.85, 3.82)	2007	-4.48 (-7.13, -1.76)						-0.38 (-1.65, 0.91)
6	1996	5.51 (0.91, 10.32)	2000	1.03 (-0.26, 2.33)	2009	-4.3 (-6.83, -1.7)				0.48 (-0.76, 1.74)
7	1996	2.77 (0.6, 4.98)	2005	-2.78 (-4.71, -0.81)						-0.04 (-1.37, 1.3)
8	1996	8.63 (-1.15, 19.39)	2000	-0.71 (-1.92, 0.51)						1.29 (-0.82, 3.45)
9	1996	0.73 (-0.75, 2.23)	2010	-7.96 (-16.02, 0.87)						-1.27 (-3.36, 0.86)
10 Highest decile	1996	16.12 (-10.61, 50.83)	1998	-2.27 (-3.19, -1.34)						-0.38 (-3.1, 2.41)
Abbreviations: APC, Annual percentage change; AAPC Average annual percentage change. ^a Standardized to the 2013 European Standard Population by 5-year age groups.										

eTable 6. Joinpoint Analysis of Sex- and Income-Specific Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Diagnosis of Neurotic, Stress-Related and Somatoform Disorders^a

ICD-10 Diagnoses F40-F48	Segment								Total follow-up period
	1		2		3		4		1996-2014
	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	AAPC (95% CI)
Overall trends									
Total	1996	0.37 (-1.89, 2.68)	2002	-5.1 (-17.45, 9.09)	2005	6.77 (-7.34, 23.02)	2008	0.05 (-2.21, 2.36)	0.36 (-2.57, 3.37)
Men	1996	-1.85 (-5.03, 1.44)	2002	-12.21 (-29.29, 9.01)	2005	6.87 (-16.19, 36.28)	2008	-2.16 (-5.94, 1.78)	-2.38 (-6.99, 2.45)
Women	1996	3.67 (3.12, 4.21)	2012	-1.91 (-13.0, 10.59)					3.03 (1.71, 4.37)
Income-specific trends									
Men									
Non-dwelling population	1996	0.63 (-2.83, 4.22)	2006	15.83 (-19.47, 66.61)	2009	-8.27 (-16.12, 0.32)			0.4 (-5.52, 6.7)
1 Lowest decile	1996	-0.41 (-1.42, 0.62)							-0.41 (-1.42, 0.62)
2	1996	0.33 (-1.22, 1.9)							0.33 (-1.22, 1.9)
3	1996	5.12 (-0.03, 10.53)	2002	-12.1 (-34.22, 17.45)	2005	10.19 (-19.88, 51.55)	2008	-6.39 (-11.47, -1.02)	-1.06 (-7.26, 5.54)
4	1996	1.84 (-7.96, 12.68)	1999	-10.83 (-27.89, 10.25)	2002	0.07 (-1.4, 1.55)			-1.55 (-5.03, 2.06)
5	1996	-6.01 (-8.81, -3.12)	2005	1.13 (-2.15, 4.51)					-2.51 (-4.48, -0.49)
6	1996	-3.96 (-5.08, -2.84)							-3.96 (-5.08, -2.84)
7	1996	-3.66 (-5.24, -2.05)							-3.66 (-5.24, -2.05)
8	1996	-21.61 (-43.62, 9.0)	1998	6.76 (-10.86, 27.86)	2002	-24.29 (-48.88, 12.13)	2005	3.38 (-0.91, 7.85)	-4.14 (-11.02, 3.27)
9	1996	-1.32 (-7.08, 4.8)	2002	-22.3 (-36.89, -4.34)	2006	14.62 (-30.66, 89.47)	2009	-7.39 (-17.27, 3.66)	-5.74 (-13.61, 2.85)
10 Highest decile	1996	-0.84 (-6.28, 4.92)	2003	-32.92 (-59.9, 12.21)	2006	9.04 (-6.74, 27.5)	2012	-22.56 (-63.44, 64.01)	-6.7 (-16.63, 4.4)
Abbreviations: APC, Annual percentage change; AAPC Average annual percentage change. ^a Standardized to the 2013 European Standard Population by 5-year age groups.									

eTable 6. Joinpoint Analysis of Gender- and Income-specific Age-standardized Incidence Rates of First Psychiatric Hospital Admissions with Diagnosis of Neurotic, Stress-related and Somatoform Disorders^a (continued)

ICD-10 Diagnoses F40-F48	Segment								Total follow-up period
	1		2		3		4		1996-2014
	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	Segment Start	APC (95% CI)	AAPC (95% CI)
Women									
Non-dwelling population	1996	5.73 (3.39, 8.12)							5.73 (3.39, 8.12)
1 Lowest decile	1996	12.51 (6.77, 18.55)	2001	-2.96 (-13.43, 8.77)	2005	13.18 (-7.24, 38.09)	2008	-0.9 (-4.08, 2.39)	4.46 (0.5, 8.58)
2	1996	3.43 (2.61, 4.25)							3.43 (2.61, 4.25)
3	1996	3.87 (3.02, 4.73)							3.87 (3.02, 4.73)
4	1996	3.51 (2.51, 4.51)							3.51 (2.51, 4.51)
5	1996	2.21 (1.28, 3.14)							2.21 (1.28, 3.14)
6	1996	2.94 (1.85, 4.05)							2.94 (1.85, 4.05)
7	1996	3.63 (2.34, 4.93)							3.63 (2.34, 4.93)
8	1996	2.1 (0.78, 3.43)							2.1 (0.78, 3.43)
9	1996	3.17 (1.69, 4.68)							3.17 (1.69, 4.68)
10 Highest decile	1996	1.24 (-0.37, 2.88)							1.24 (-0.37, 2.88)
Abbreviations: APC, Annual percentage change; AAPC Average annual percentage change. ^a Standardized to the 2013 European Standard Population by 5-year age groups.									

eTable 7. Contrasts of the Predicted Incidence Rate Ratios Between ICD-10 Diagnostic Main Groups in Different Income Deciles^a

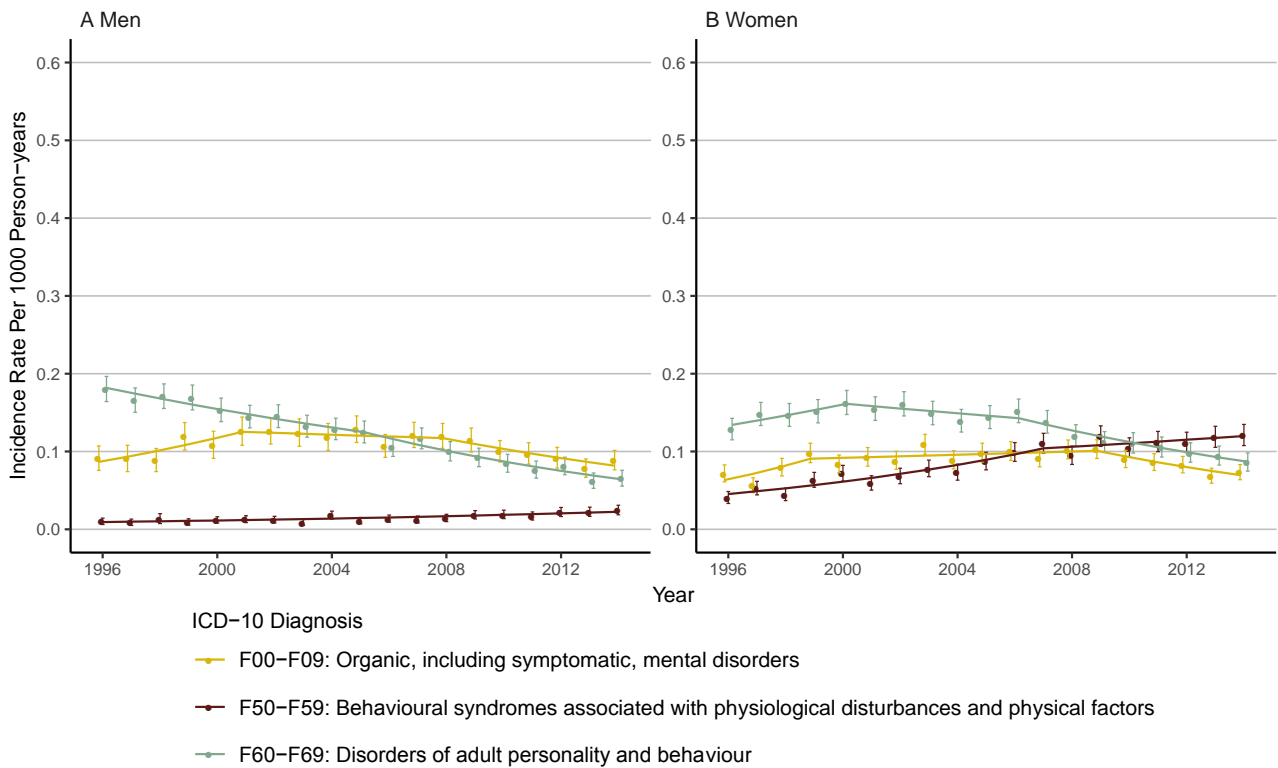
	Income ^b	Contrast (95% CI)	P value
Schizophrenia ^d vs Substance Use ^c	1	0.69 (0.51, 0.87)	<.001
Schizophrenia vs Substance Use	2	1.32 (1.14, 1.5)	<.001
Schizophrenia vs Substance Use	3	1.17 (0.99, 1.35)	<.001
Schizophrenia vs Substance Use	4	0.71 (0.53, 0.89)	<.001
Schizophrenia vs Substance Use	5	0.6 (0.42, 0.78)	<.001
Schizophrenia vs Substance Use	6	0.51 (0.32, 0.69)	<.001
Schizophrenia vs Substance Use	7	0.45 (0.27, 0.63)	<.001
Schizophrenia vs Substance Use	8	0.39 (0.21, 0.58)	<.001
Schizophrenia vs Substance Use	9	0.2 (0.02, 0.38)	0.03
Mood Disorders ^e vs Substance Use	1	-2.4 (-2.58, -2.22)	<.001
Mood Disorders vs Substance Use	2	-0.92 (-1.1, -0.74)	<.001
Mood Disorders vs Substance Use	3	-0.41 (-0.59, -0.23)	<.001
Mood Disorders vs Substance Use	4	-0.24 (-0.42, -0.06)	0.01
Mood Disorders vs Substance Use	5	-0.03 (-0.21, 0.15)	0.74
Mood Disorders vs Substance Use	6	0.02 (-0.16, 0.2)	0.81
Mood Disorders vs Substance Use	7	0.05 (-0.13, 0.24)	0.55
Mood Disorders vs Substance Use	8	0.04 (-0.14, 0.22)	0.66
Mood Disorders vs Substance Use	9	0.05 (-0.13, 0.23)	0.57
Neurotic Disorders ^f vs Substance Use	1	-2.31 (-2.49, -2.13)	<.001
Neurotic Disorders vs Substance Use	2	-0.88 (-1.06, -0.7)	<.001
Neurotic Disorders vs Substance Use	3	-0.51 (-0.69, -0.33)	<.001
Neurotic Disorders vs Substance Use	4	-0.29 (-0.48, -0.11)	<.001
Neurotic Disorders vs Substance Use	5	-0.16 (-0.34, 0.02)	0.08
Neurotic Disorders vs Substance Use	6	-0.01 (-0.19, 0.17)	0.91
Neurotic Disorders vs Substance Use	7	0.04 (-0.15, 0.22)	0.69
Neurotic Disorders vs Substance Use	8	0.08 (-0.1, 0.26)	0.37
Neurotic Disorders vs Substance Use	9	0.08 (-0.1, 0.26)	0.37
Schizophrenia vs Substance Use	1	0.69 (0.51, 0.87)	<.001
Schizophrenia vs Substance Use	2	1.32 (1.14, 1.5)	<.001
Schizophrenia vs Substance Use	3	1.17 (0.99, 1.35)	<.001
Schizophrenia vs Substance Use	4	0.71 (0.53, 0.89)	<.001
Schizophrenia vs Substance Use	5	0.6 (0.42, 0.78)	<.001
Schizophrenia vs Substance Use	6	0.51 (0.32, 0.69)	<.001
Schizophrenia vs Substance Use	7	0.45 (0.27, 0.63)	<.001
Schizophrenia vs Substance Use	8	0.39 (0.21, 0.58)	<.001
Schizophrenia vs Substance Use	9	0.2 (0.02, 0.38)	0.03
Mood Disorders vs Schizophrenia	1	-3.09 (-3.27, -2.91)	<.001

^aContrasts of the predicted incidence rate ratios (IRRs) presented in the eFigure12.
^bIncome is equalised disposable income deciles: 1 the lowest income decile, 10 the highest decile (reference group).
^cSubstance use: Mental and behavioural disorders due to psychoactive substance use (F10-F19)
^dSchizophrenia: Schizophrenia, schizotypal and delusional disorders (F20-F29)
^eMood disorders: Mood disorders (F30-F39)
^fNeurotic disorders: Neurotic, stress-related and somatoform disorders (F40-F48)

eTable 7. Contrasts of the Predicted Incidence Rate Ratios Between ICD-10 Diagnostic Main Groups in Different Income Deciles^a (continued)

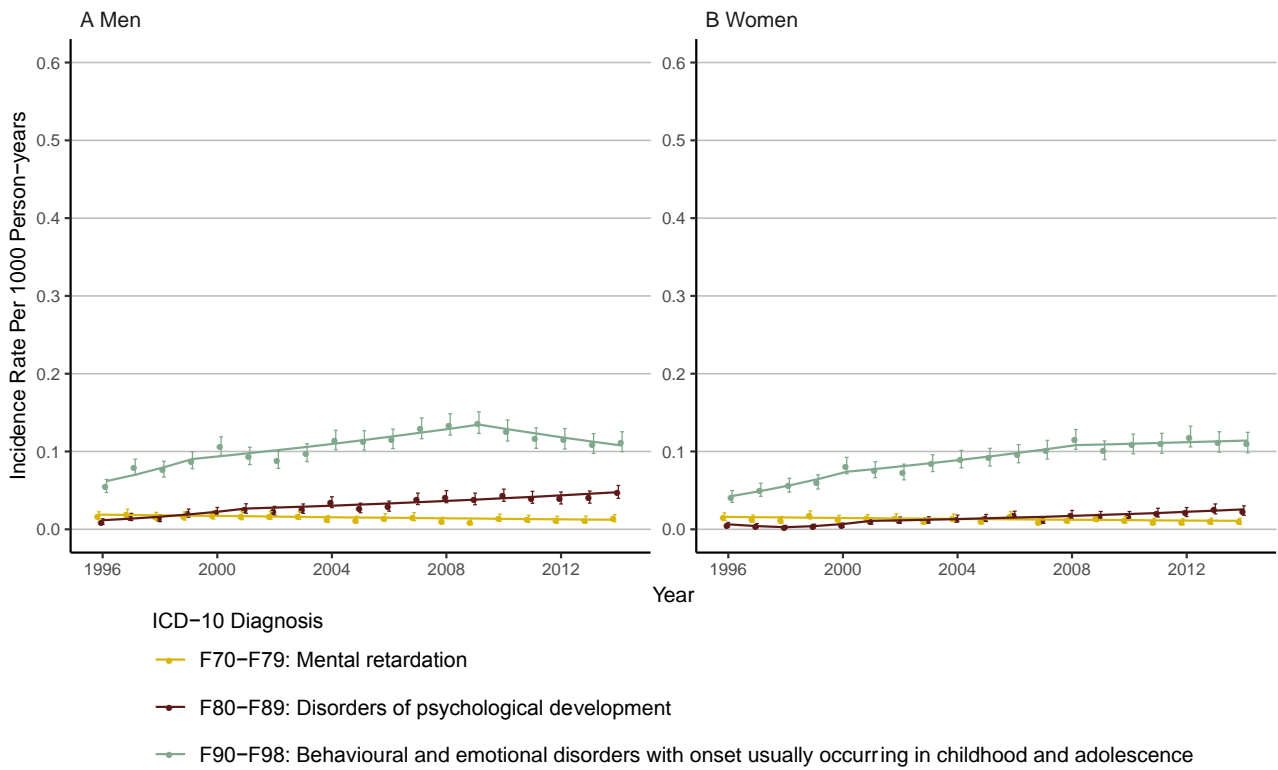
	Income ^b	Contrast (95% CI)	P value
Mood Disorders vs Schizophrenia	1	-3.09 (-3.27, -2.91)	<.001
Mood Disorders vs Schizophrenia	2	-2.24 (-2.42, -2.05)	<.001
Mood Disorders vs Schizophrenia	3	-1.58 (-1.76, -1.4)	<.001
Mood Disorders vs Schizophrenia	4	-0.94 (-1.13, -0.76)	<.001
Mood Disorders vs Schizophrenia	5	-0.63 (-0.81, -0.45)	<.001
Mood Disorders vs Schizophrenia	6	-0.48 (-0.66, -0.3)	<.001
Mood Disorders vs Schizophrenia	7	-0.4 (-0.58, -0.21)	<.001
Mood Disorders vs Schizophrenia	8	-0.35 (-0.54, -0.17)	<.001
Mood Disorders vs Schizophrenia	9	-0.15 (-0.33, 0.04)	0.11
Neurotic Disorders vs Mood Disorders	1	0.09 (-0.1, 0.27)	0.35
Neurotic Disorders vs Mood Disorders	2	0.04 (-0.14, 0.22)	0.67
Neurotic Disorders vs Mood Disorders	3	-0.1 (-0.28, 0.08)	0.29
Neurotic Disorders vs Mood Disorders	4	-0.06 (-0.24, 0.12)	0.53
Neurotic Disorders vs Mood Disorders	5	-0.13 (-0.31, 0.05)	0.15
Neurotic Disorders vs Mood Disorders	6	-0.03 (-0.21, 0.15)	0.72
Neurotic Disorders vs Mood Disorders	7	-0.02 (-0.2, 0.16)	0.84
Neurotic Disorders vs Mood Disorders	8	0.04 (-0.14, 0.22)	0.65
Neurotic Disorders vs Mood Disorders	9	0.03 (-0.15, 0.21)	0.73
^a Contrasts of the predicted incidence rate ratios (IRRs) presented in the eFigure12. ^b Income is equalised disposable income deciles: 1 the lowest income decile, 10 the highest decile (reference group). ^c Substance use: Mental and behavioural disorders due to psychoactive substance use (F10-F19) ^d Schizophrenia: Schizophrenia, schizotypal and delusional disorders (F20-F29) ^e Mood disorders: Mood disorders (F30-F39) ^f Neurotic disorders: Neurotic, stress-related and somatoform disorders (F40-F48)			

eFigure 1. Trends in Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Organic Mental Disorders, Behavioral Syndromes Associated With Physiological Disturbances, and Personality Disorders



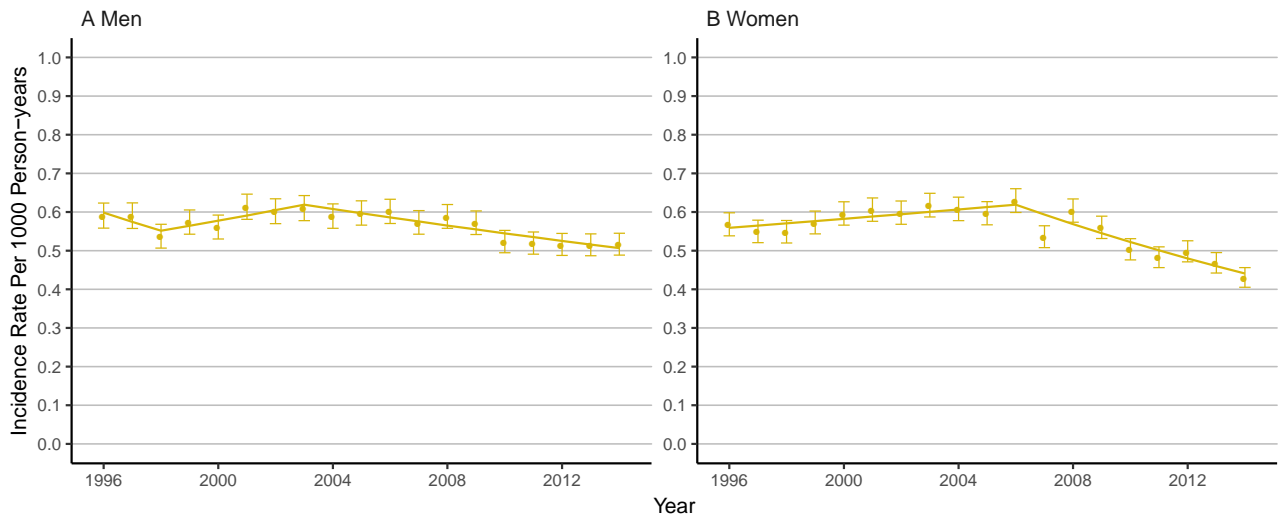
A, Men. B, Women. Data markers denote the annual age-standardized incidence rates per 1000 person-years; bars present 95 % confidence intervals. Lines represent results of the joinpoint regression model. Rates have been age-standardized to the 2013 European Standard Population by 5-year age groups.

eFigure 2. Trends in Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Disorders With Onset Usually Occurring in Childhood and Adolescence



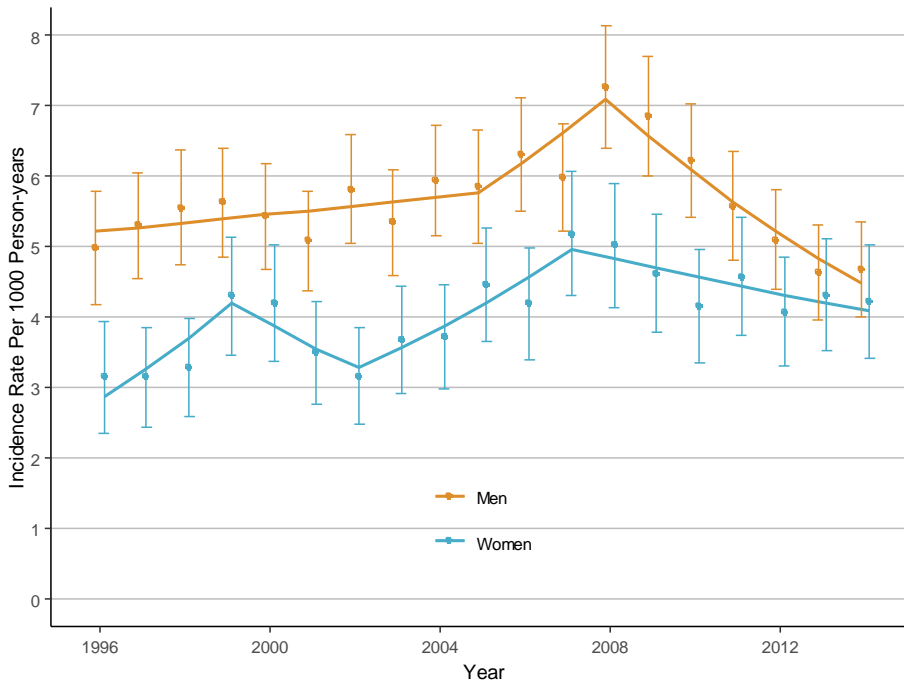
A, Men. B, Women. Data markers denote the annual age-standardized incidence rates per 1000 person-years; bars present 95 % confidence intervals. Lines represent results of the joinpoint regression model. Rates have been age-standardized to the 2013 European Standard Population by 5-year age groups.

eFigure 3. Trends in Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Disorders With Major Psychotic Features



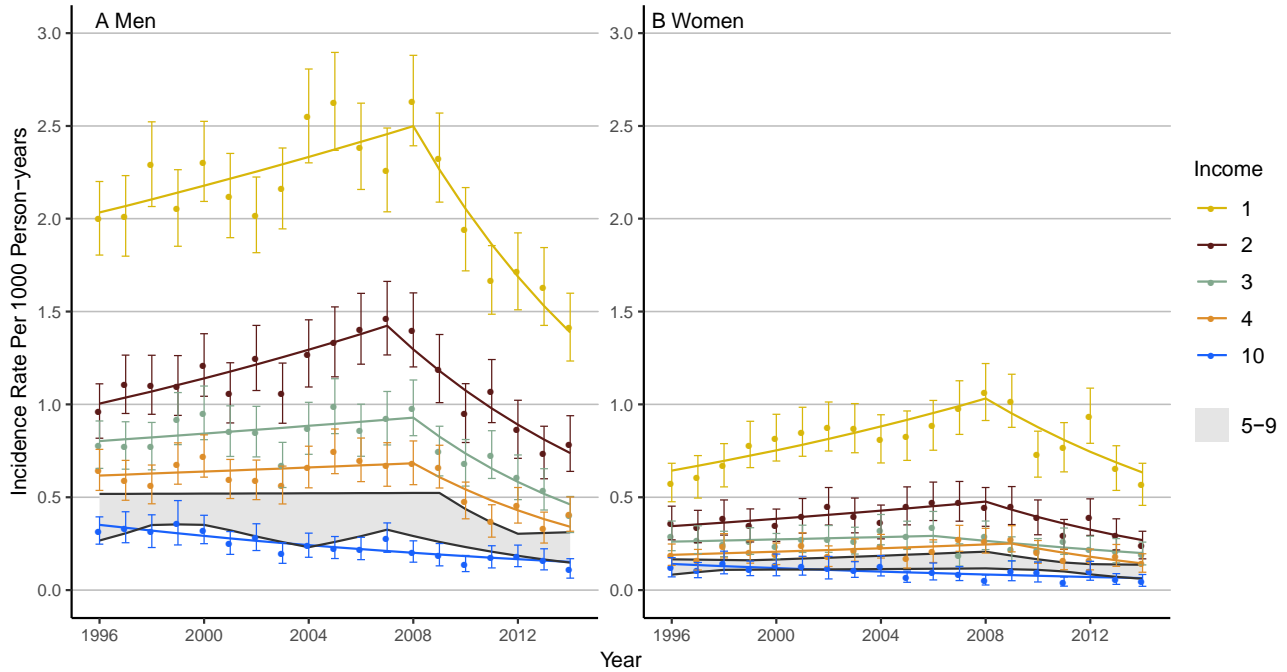
A, Men. B, Women. Data markers denote the annual age-standardized incidence rates per 1000 person-years; bars present 95 % confidence intervals. Lines represent results of the joinpoint regression model. Rates have been age-standardized to the 2013 European Standard Population by 5-year age groups. Major psychotic disorders include the following ICD-10 diagnoses: F20, F22-F29, F30.1, F30.2, F30.8, F30.9, F31.1, F31.2, F31.5, F31.6, F32.3, F33.3, F1x.5 and F1x.7

eFigure 4. Trends in Age-Standardized Annual Incidence Rates of First Psychiatric Hospital Admissions in the Nondwelling Finnish Population



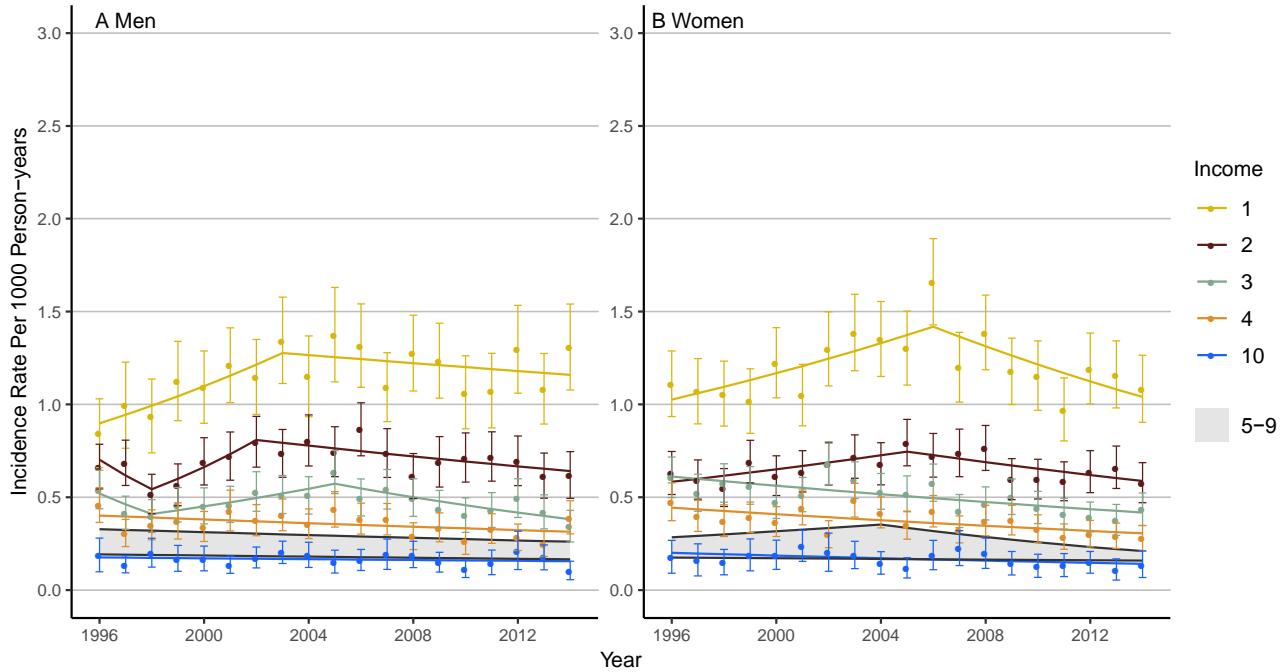
Data markers denote the annual age-standardized incidence rates per 1000 person-years; bars present 95 % confidence intervals. Lines represent results of the joinpoint regression model. Rates have been age-standardized to the 2013 European Standard Population by 5-year age groups.

eFigure 5. Trends in Income Decile- and Sex-Specific, Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Substance Use Disorders (ICD-10 Codes F10-F19)



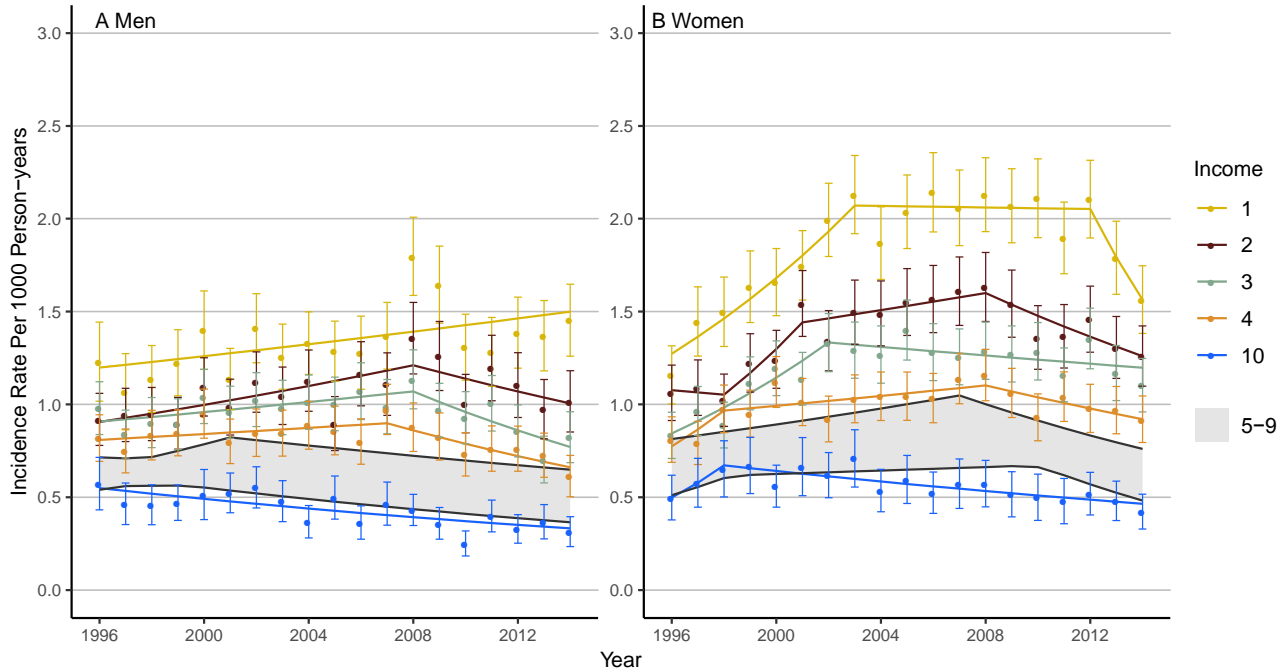
A, In men. B, In women. Data markers denote the annual age-standardized incidence rates per 1000 person-years; bars present 95 % confidence intervals. Lines represent the results of the joinpoint regression model. Rates have been age-standardized to the 2013 European Standard Population by 5-year age groups. Income is equalised disposable income deciles: 1 lowest income decile, 10 highest decile. The grey ribbon contains income deciles 5, 6, 7, 8, and 9.

eFigure 6. Trends in Income Decile- and Sex-Specific, Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Schizophrenia, Schizotypal and Delusional Disorders (ICD-10 Codes F20-F29)



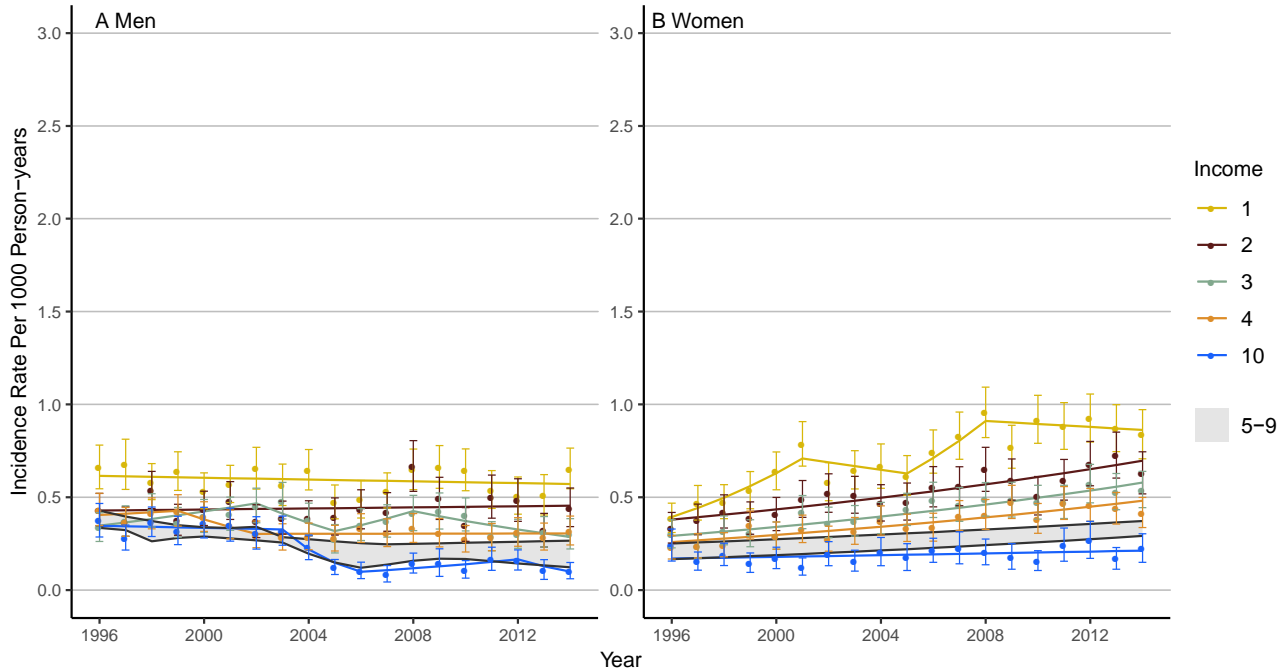
A, In men. B, In women. Data markers denote the annual age-standardized incidence rates per 1000 person-years; bars present 95 % confidence intervals. Lines represent the results of the joinpoint regression model. Rates have been age-standardized to the 2013 European Standard Population by 5-year age groups. Income is equivalised disposable income deciles: 1 lowest income decile, 10 highest decile. The grey ribbon contains income deciles 5, 6, 7, 8, and 9.

eFigure 7. Trends in Income Decile- and Sex-Specific, Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Mood Disorders (ICD-10 Codes F30-F39)



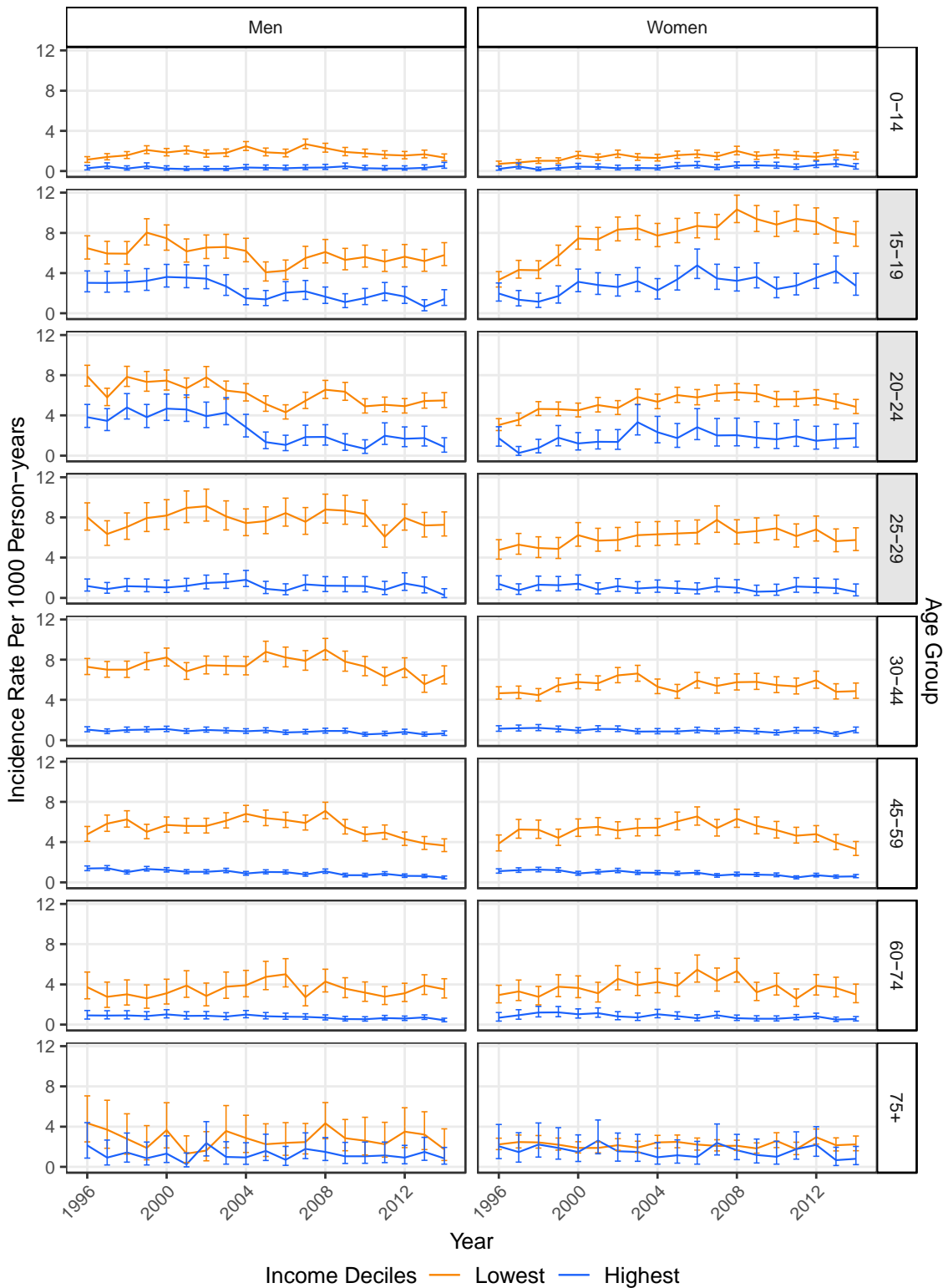
A, In men. B, In women. Data markers denote the annual age-standardized incidence rates per 1000 person-years; bars present 95 % confidence intervals. Lines represent the results of the joinpoint regression model. Rates have been age-standardized to the 2013 European Standard Population by 5-year age groups. Income is equivalised disposable income deciles: 1 lowest income decile, 10 highest decile. The grey ribbon contains income deciles 5, 6, 7, 8, and 9.

eFigure 8. Trends in Income Decile- And Sex-Specific, Age-Standardized Incidence Rates of First Psychiatric Hospital Admissions With Neurotic, Stress-Related and Somatoform Disorders (ICD-10 Codes F40-F48)



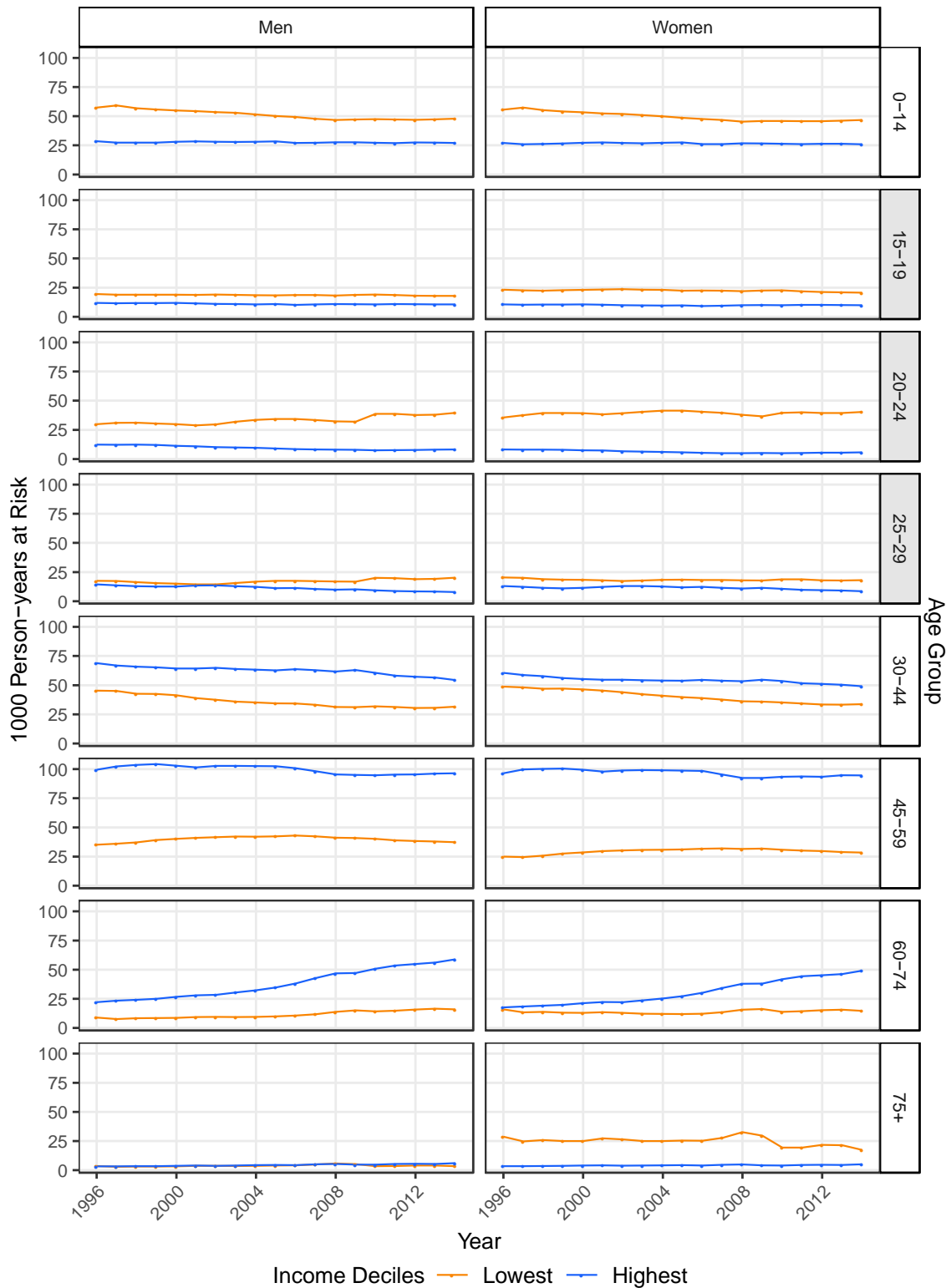
A, In men. B, In women. Data markers denote the annual age-standardized incidence rates per 1000 person-years; bars present 95 % confidence intervals. Lines represent the results of the joinpoint regression model. Rates have been age-standardized to the 2013 European Standard Population by 5-year age groups. Income is equivalised disposable income deciles: 1 lowest income decile, 10 highest decile. The grey ribbon contains income deciles 5, 6, 7, 8, and 9.

eFigure 9. Annual Sex- and Age Group–Specific Incidence Rates of First Psychiatric Hospital Admissions in the Lowest and Highest Income Deciles



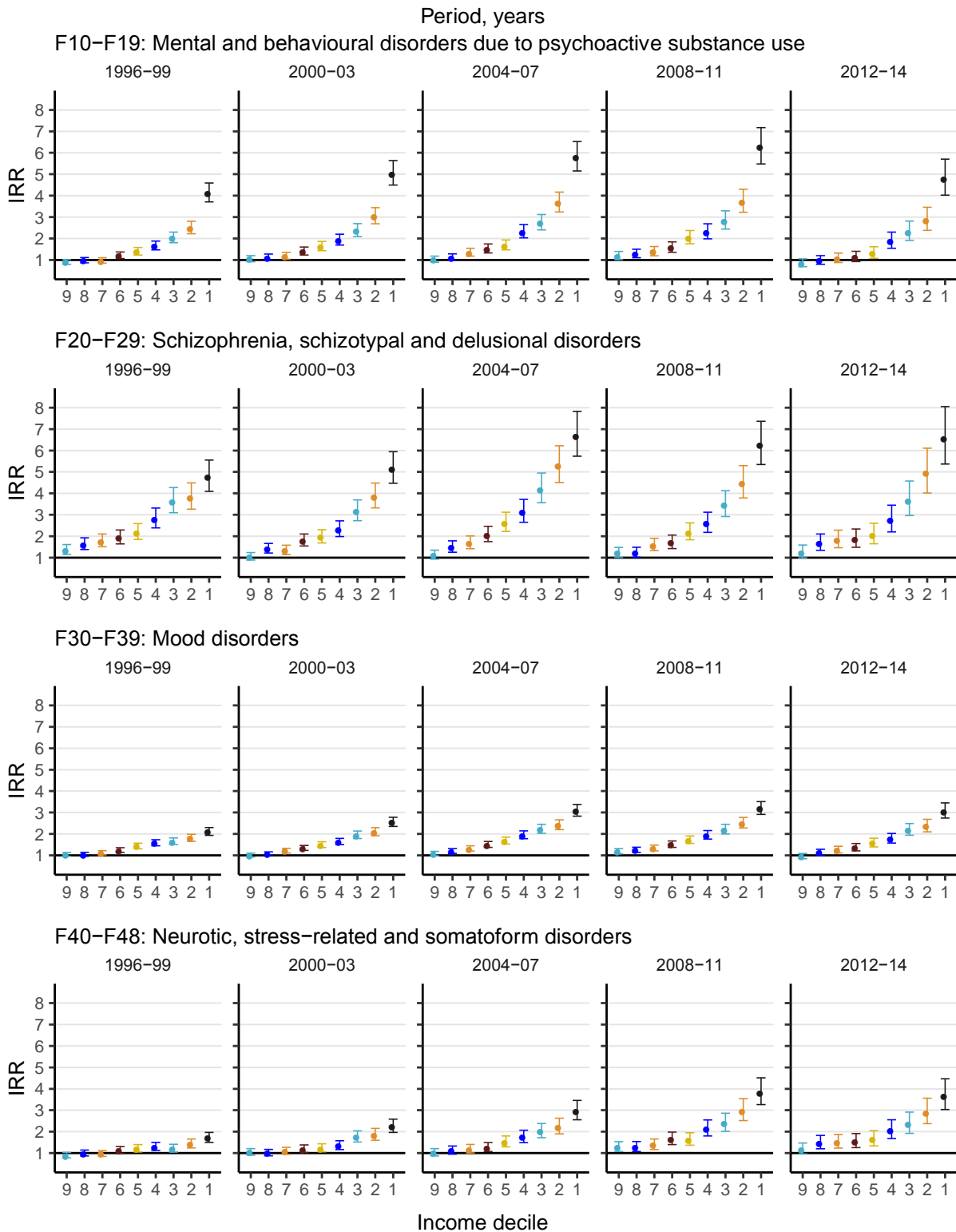
Lines combine annual observed incidence rates; bars present 95 % confidence intervals.

eFigure 10. Annual Numbers of Person-Years at Risk of First Psychiatric Inpatient Treatments in the Lowest and Highest Income Deciles



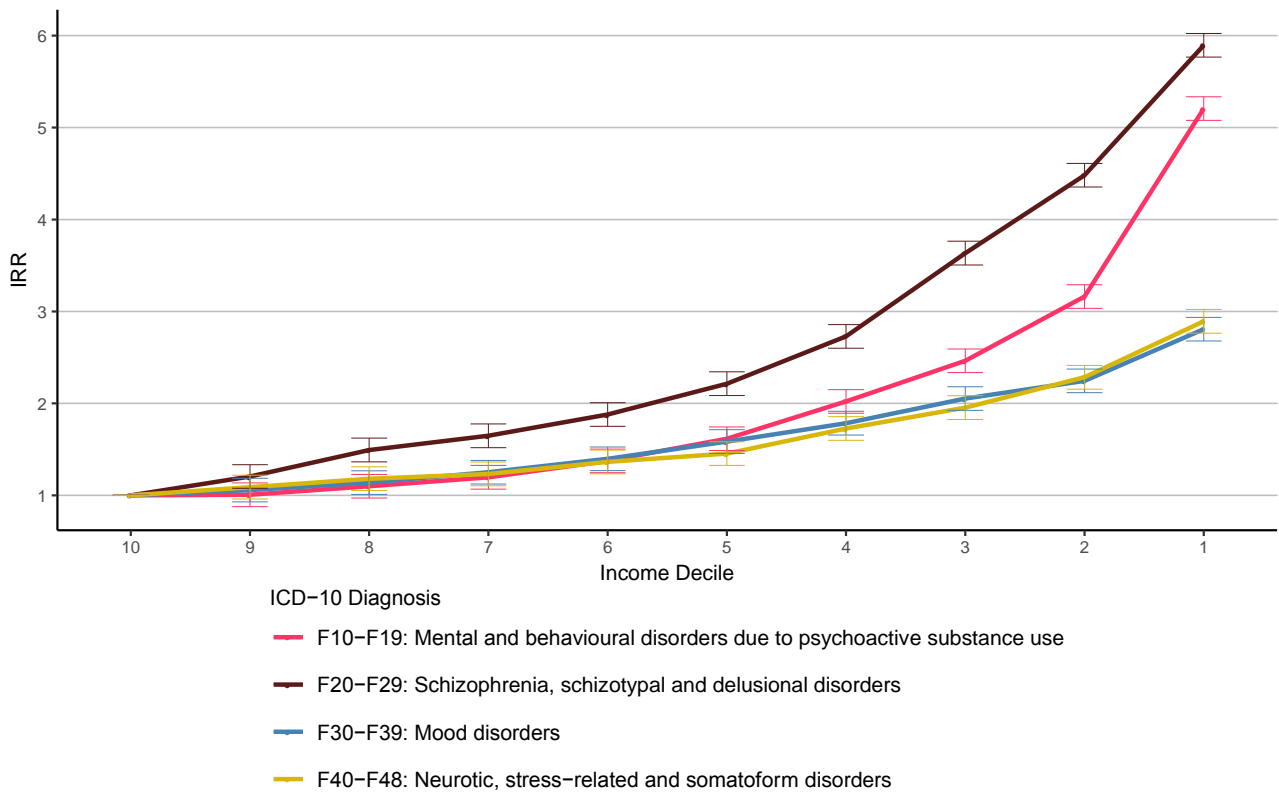
Lines combine annual observed amounts of person-years at risk.

eFigure 11. Incidence Rate Ratios for the First Psychiatric Hospital Admissions by Income With Different Diagnoses in Persons Aged 20-64 Years



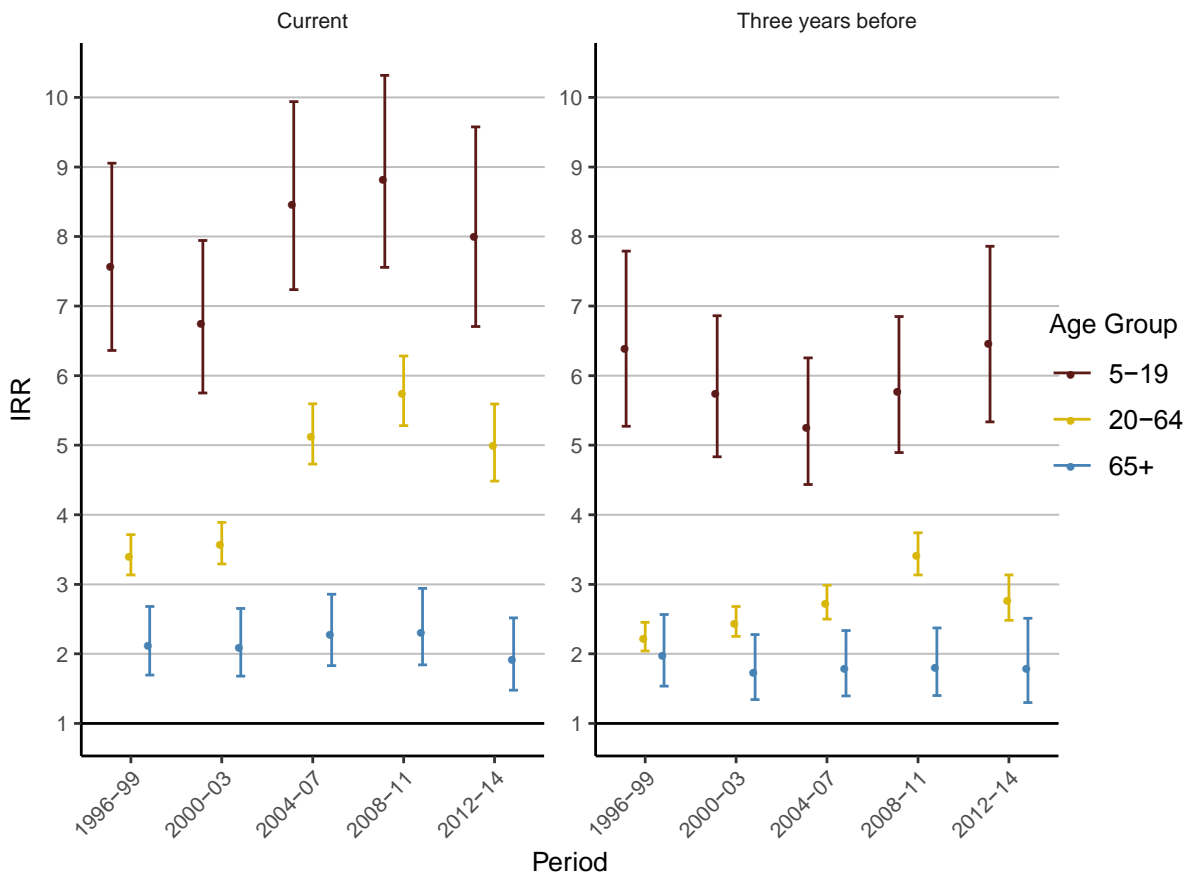
Data markers denote the incidence rate ratio (IRR) estimates compared to the highest income decile; bars present 95 % confidence intervals. The model is adjusted for: Age group, gender, urbanicity, decrease in income decile, education and living alone. Income decile is equalised disposable income deciles: 1 the lowest income decile, 10 the highest decile (reference group).

eFigure 12. Predicted Incidence Rate Ratios for the First Psychiatric Hospital Admissions in Different ICD-10 Diagnostic Groups in Persons Aged 20-64 Years



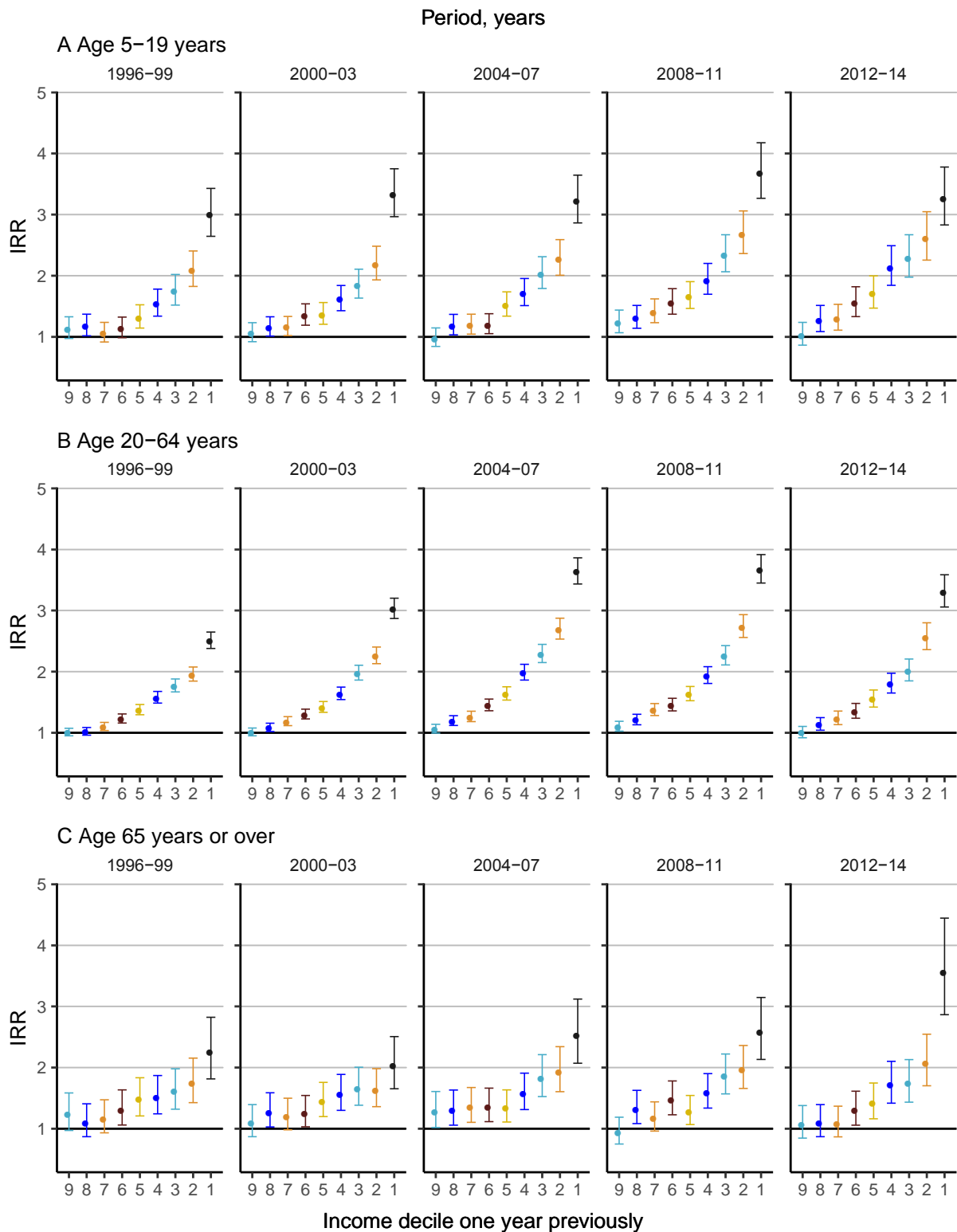
Diagnosis-specific differences in the income gradients, evaluated by a linear regression of the incidence rate ratios (IRRs) on income deciles from the model presented in the eFigure11. Data markers denote the predicted IRRs adjusted for period, calculated using predictive margins; bars present 95 % confidence intervals. Income decile is equalised disposable income deciles: 1 the lowest income decile, 10 the highest decile (reference group).

eFigure 13. Incidence Rate Ratios for First Psychiatric Hospital Admissions in the Nondwelling Population



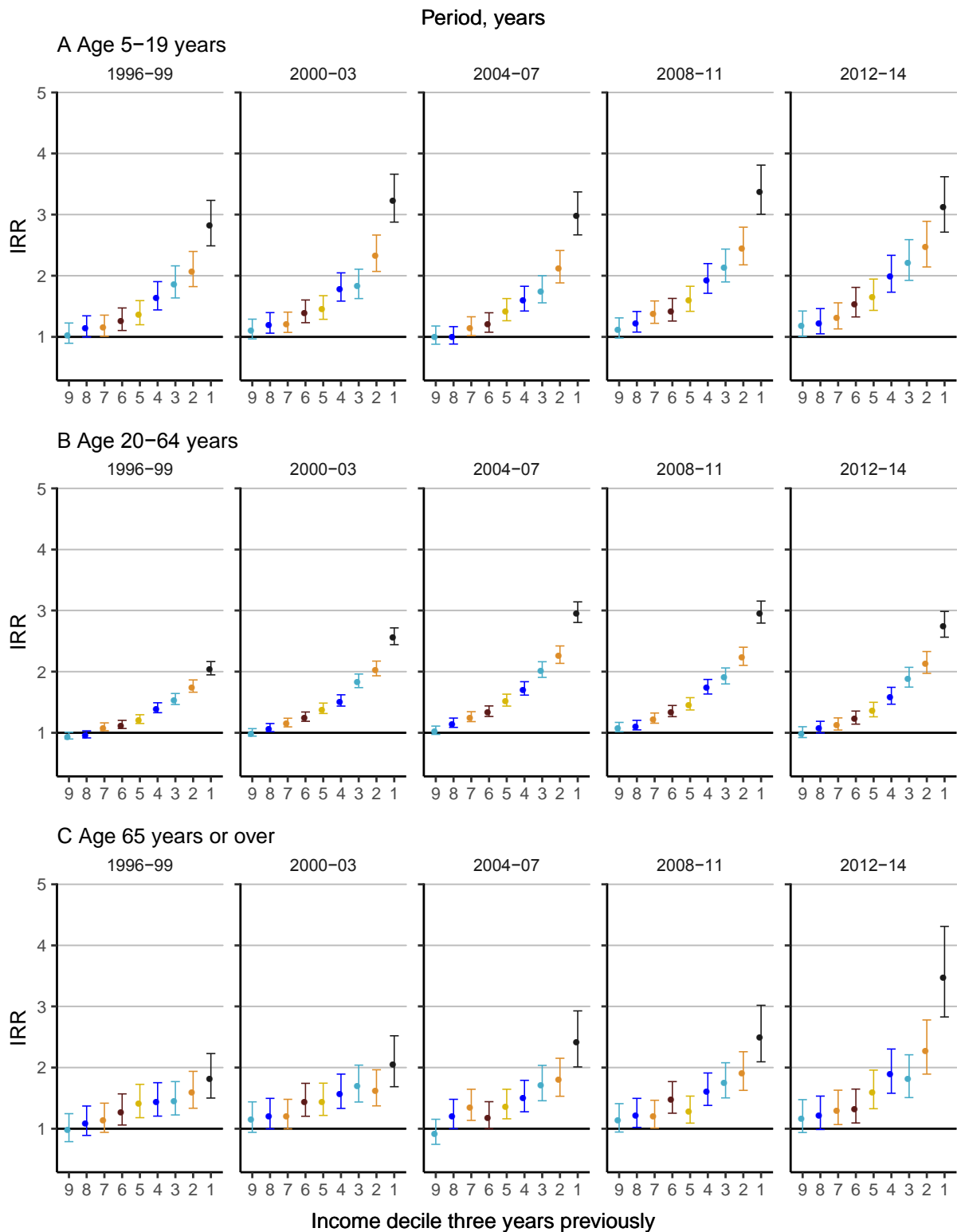
Data markers denote the incidence rate ratio (IRR) estimates compared to the dwelling population with the highest income decile according to the current income status and status three years before the first admissions; bars present 95 % confidence intervals. The model with current income is adjusted for age group, gender, urbanicity and decrease in income decile among those aged 5 to 19 years, and for age group, gender, urbanicity, decrease in income decile, educational level and living alone in those aged 20 to 64 and 65 years or older. The model with income three years previously is adjusted for age group, gender and urbanicity among those aged 5 to 19 years, and for age group, gender, urbanicity, educational level and living alone in those aged 20 to 64 and 65 years or older.

eFigure 14. Incidence Rate Ratios for the First Psychiatric Hospital Admissions by Income 1 Year Before First Admission



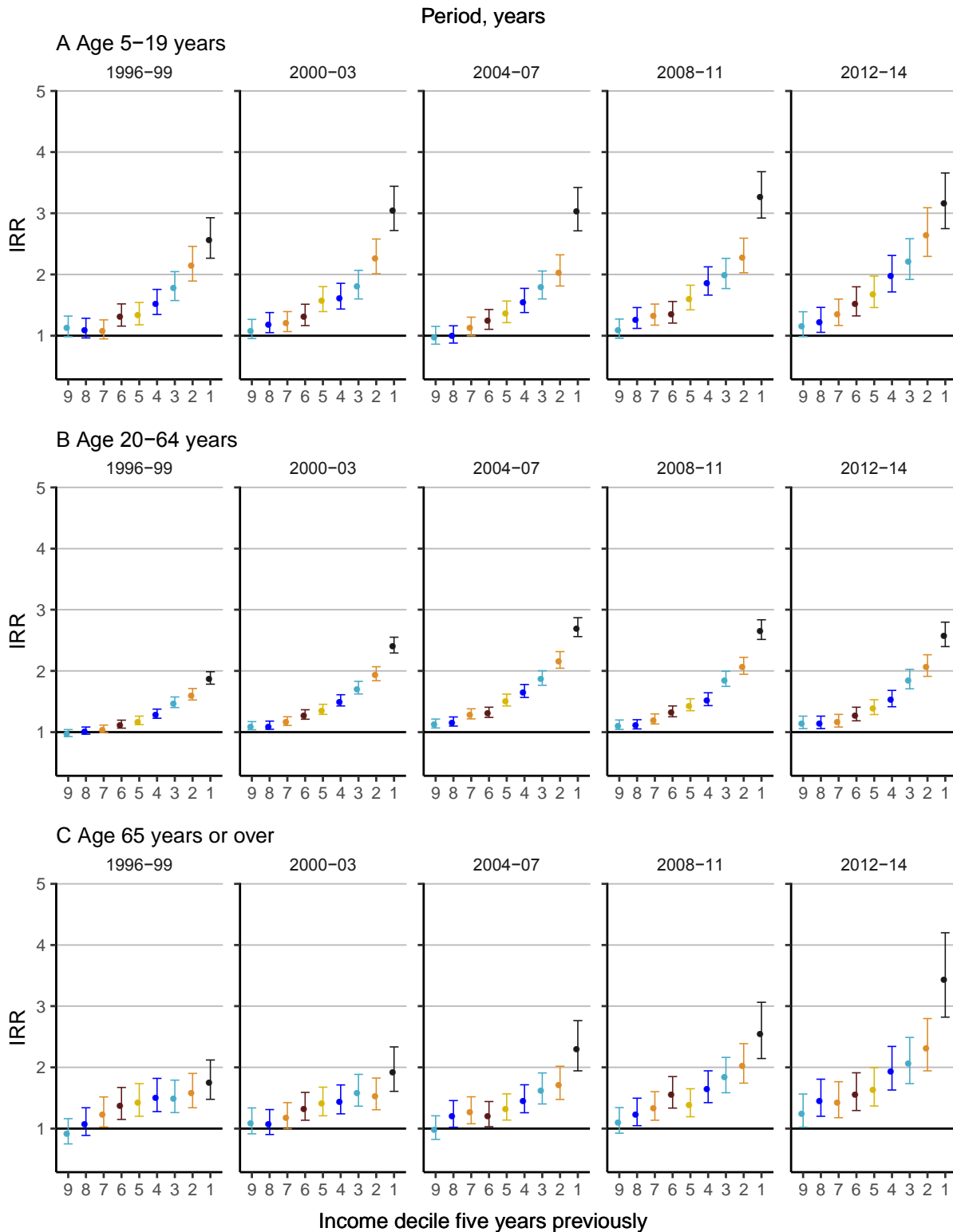
Data markers denote the incidence rate ratio (IRR) estimates compared to the highest income decile; bars present 95 % confidence intervals. The model is adjusted for: A, Age, gender, and urbanicity. B, and C, Age, gender, urbanicity, education, and living alone. Income decile is equalised disposable income deciles: 1 the lowest income decile, 10 the highest decile (reference group).

eFigure 15. Incidence Rate Ratios for the First Psychiatric Hospital Admissions by Income 3 Years Before First Admission



Data markers denote the incidence rate ratio (IRR) estimates compared to the highest income decile; bars present 95 % confidence intervals. The model is adjusted for: A, Age, gender, and urbanicity. B, and C, Age, gender, urbanicity, education, and living alone. Income decile is equalised disposable income deciles: 1 the lowest income decile, 10 the highest decile (reference group).

eFigure 16. Incidence Rate Ratios for the First Psychiatric Hospital Admissions by Income 5 Years Before First Admission



Data markers denote the incidence rate ratio (IRR) estimates compared to the highest income decile; bars present 95 % confidence intervals. The model is adjusted for: A, Age, gender, and urbanicity. B, and C, Age, gender, urbanicity, education, and living alone. Income decile is equalised disposable income deciles: 1 the lowest income decile, 10 the highest decile (reference group).