

Data supplement

Table DS1 World Mental Health Survey sample characteristics categorised according to World Bank national income level^a

Country	Survey	Sample characteristics ^b	Field dates	Age range (years)	Sample size (n)			Response rate ^d
					Part 1	Part 2	Part 2 and age ≤44 years ^c	
<i>Low income</i>								
Colombia	NSMH	Stratified multistage clustered area probability sample of household residents in all urban areas of the country (approximately 73% of the total national population)	2003	18–65	4426	2381	1731	87.7
India	WMIH	Stratified multistage clustered area probability sample of household residents in Pondicherry region. NR	2003–5	18+	2992	1373	642	98.8
Nigeria	NSMHW	Stratified multistage clustered area probability sample of households in 21 of the 36 states in the country, representing 57% of the national population. Surveys were conducted in Yoruba, Igbo, Hausa and Efik languages	2002–3	18+	6752	2143	1203	79.3
China	B-WMH, S-WMH	Stratified multistage clustered area probability sample of household residents in the Beijing and Shanghai metropolitan areas	2002–3	18+	5201	1628	570	74.7
China	Shenzhen	Stratified multistage clustered area probability sample of household residents and temporary residents in the Shenzhen area	2006–7	18+	7134	2476	1993	80.0
Ukraine	CMDPSD	Stratified multistage clustered area probability sample of household residents. NR	2002	18+	4725	1720	541	78.3
<i>Total</i>					31 230	11 721	6680	
<i>Middle income</i>								
Brazil	São Paulo Megacity	Stratified multistage clustered area probability sample of household residents in the São Paulo metropolitan area	2005–7	18+	5037	2942		81.3
Bulgaria	NSHS	Stratified multistage clustered area probability sample of household residents. NR	2003–7	18+	5318	2233	741	72.0
Lebanon	LEBANON	Stratified multistage clustered area probability sample of household residents. NR	2002–3	18+	2857	1031	595	70.0
Mexico	M-NCS	Stratified multistage clustered area probability sample of household residents in all urban areas of the country (approximately 75% of the total national population)	2001–2	18–65	5782	2362	1736	76.6
Romania	RMHS	Stratified multistage clustered area probability sample of household residents. NR	2005–6	18+	2357	2357		70.9
South Africa	SASH	Stratified multistage clustered area probability sample of household residents. NR	2003–4	18+	4315	4315		87.1
<i>Total</i>					25 666	15 240	3072	

(continued)

Table DS1 World Mental Health Survey sample characteristics categorised according to World Bank national income level^a (continued)

Country	Survey	Sample characteristics ^b	Field dates	Age range (years)	Sample size (n)			Response rate ^d
					Part 1	Part 2	Part 2 and age ≤44 years ^c	
<i>High income</i>								
Belgium	ESEMeD	Stratified multistage clustered probability sample of individuals residing in households from the national register of Belgium residents. NR	2001–2	18+	2419	1043	486	50.6
France	ESEMeD	Stratified multistage clustered sample of working telephone numbers merged with a reverse directory (for listed numbers). Initial recruitment was by telephone, with supplemental in-person recruitment in households with listed numbers. NR	2001–2	18+	2894	1436	727	45.9
Germany	ESEMeD	Stratified multistage clustered probability sample of individuals from community resident registries. NR	2002–3	18+	3555	1323	621	57.8
Israel	NHS	Stratified multistage clustered area probability sample of individuals from a national resident register. NR	2002–4	21+	4859	4859		72.6
Italy	ESEMeD	Stratified multistage clustered probability sample of individuals from municipality resident registries. NR	2001–2	18+	4712	1779	853	71.3
Japan	WMHJ 2002–2006	Non-clustered two-stage probability sample of individuals residing in households in 11 metropolitan areas	2002–6	20+	4129	1682	547	55.1
The Netherlands	ESEMeD	Stratified multistage clustered probability sample of individuals residing in households that are listed in municipal postal registries. NR	2002–3	18+	2372	1094	516	56.4
New Zealand ^e	NZMHS	Stratified multistage clustered area probability sample of household residents. NR	2003–4	18+	12 790	7312	4119	73.3
Spain	ESEMeD	Stratified multistage clustered area probability sample of household residents. NR	2001–2	18+	5473	2121	960	78.6
USA	NCS–R	Stratified multistage clustered area probability sample of household residents. NR	2002–3	18+	9282	5692	3197	70.9
<i>Total</i>					52 485	28 341	12 026	
<i>Whole sample</i>					109 381	55 302	21 778	72.1 ^f

B–WMH, Beijing World Mental Health Survey; CMDPSD, Comorbid Mental Disorders during Periods of Social Disruption; ESEMeD, European Study of the Epidemiology of Mental Disorders; LEBANON, Lebanese Evaluation of the Burden of Ailments and Needs of the Nation; M–NCS, Mexico National Comorbidity Survey; NCS–R, US National Comorbidity Survey Replication; NHS, Israel National Health Survey; NR, nationally representative; NSHS, Bulgaria National Survey of Health and Stress; NSMH, Colombian National Study of Mental Health; NSMHW, Nigerian Survey of Mental Health and Wellbeing; NZMHS, New Zealand Mental Health Survey; RMHS, Romania Mental Health Survey; SASH, South Africa Health Survey; S–WMH, Shanghai World Mental Health Survey; WMHI, World Mental Health India; WMHJ2002–2006, World Mental Health Japan Survey.

a. World Bank. *Data and Statistics*. World Bank, 2008. Accessed 12 May 2009 at <http://go.worldbank.org/D75NQB88YU0>.
b. Most World Mental Health (WMH) surveys are based on stratified multistage clustered area probability household samples in which samples of areas equivalent to counties or municipalities in the USA were selected in the first stage followed by one or more subsequent stages of geographic sampling (e.g. towns within counties, blocks within towns, households within blocks) to arrive at a sample of households, in each of which a listing of household members was created and one or two people were selected from this listing to be interviewed. No substitution was allowed when the originally sampled household resident could not be interviewed. These household samples were selected from census area data in all countries other than France (where telephone directories were used to select households) and The Netherlands (where postal registries were used to select households). Several WMH surveys (Belgium, Germany, Italy) used municipal resident registries to select respondents without listing households. The Japanese sample is the only totally un-clustered sample, with households randomly selected in each of the four sample areas and one random respondent selected in each sample household. Sixteen of the 21 surveys are based on nationally representative (NR) household samples.

c. Brazil, Israel, Romania and South Africa did not have an age-restricted Part 2 sample. All other countries (with the exception of India, Nigeria, China and Ukraine, which were age-restricted to ≤39 years) were age-restricted to ≤44 years.

d. The response rate is calculated as the ratio of the number of households in which an interview was completed to the number of households originally sampled, excluding from the denominator households known not to be eligible either because of being vacant at the time of initial contact or because the residents were unable to speak the designated languages of the survey. The weighted average response rate is 72.1%.

e. The New Zealand survey interviewed respondents aged 16+ years but for the purposes of cross-national comparisons we limited the sample to those aged 18+.

f. Weighted average response rate.

Table DS2 Multivariate predictors of treatment of suicidal people in the World Mental Health Surveys^{a, b}

	Among 12-month respondents with any suicidal behaviour (n = 20 10)		Among respondents with any suicidal behaviour who received treatment (n = 823)					
	Any 12-month treatment		Any mental healthcare		General medical care		Any non-healthcare	
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)
Age								
Continuous (divided by 10)	1.1	(1.0–1.3)	0.9	(0.7–1.1)	1.3*	(1.0–1.6)	1.0	(0.8–1.3)
$\chi^2_1 [P]$	2.2	[0.141]	1.0	[0.319]	4.7**	[0.030]	0.0	[0.958]
Gender								
Female	0.9	(0.6–1.2)	0.8	(0.5–1.2)	1.3	(0.9–2.0)	1.9*	(1.2–3.0)
Male	1.0		1.0		1.0		1.0	
$\chi^2_1 [P]$	0.5	[0.480]	1.4	[0.241]	1.5	[0.223]	6.6**	[0.010]
Education								
Continuous	1.2*	(1.0–1.4)	1.2*	(1.0–1.5)	0.8*	(0.7–1.0)	1.2	(1.0–1.5)
$\chi^2_1 [P]$	5.3**	[0.021]	4.3**	[0.038]	4.0**	[0.045]	3.3	[0.070]
Marital status								
Never married	0.7*	(0.5–1.0)	1.9*	(1.1–3.3)	0.4*	(0.3–0.8)	1.8	(1.0–3.3)
Previously married	1.0	(0.7–1.4)	0.9	(0.6–1.4)	1.0	(0.6–1.7)	1.2	(0.7–2.1)
Married/cohabiting	1.0		1.0		1.0		1.0	
$\chi^2_2 [P]$	5.1	[0.076]	7.3**	[0.026]	9.7**	[0.008]	3.4	[0.186]
Income								
Continuous	1.1*	(1.0–1.1)	1.2*	(1.1–1.4)	0.9	(0.8–1.0)	0.8*	(0.6–1.0)
$\chi^2_1 [P]$	5.2**	[0.023]	10.3**	[0.001]	2.9	[0.090]	4.4**	[0.036]
Employment								
Student	2.1	(0.8–5.5)	1.9	(0.7–5.1)	0.7	(0.3–1.8)	1.1	(0.4–3.3)
Homemaker	1.6	(1.0–2.5)	1.4	(0.8–2.5)	0.7	(0.4–1.3)	0.8	(0.4–1.5)
Retired	0.5	(0.3–1.1)	1.5	(0.5–4.9)	0.8	(0.2–2.8)	0.2*	(0.0–0.8)
Other	1.0	(0.7–1.6)	1.8*	(1.1–2.9)	0.8	(0.5–1.3)	0.8	(0.4–1.5)
Working	1.0		1.0		1.0		1.0	
$\chi^2_4 [P]$	9.4	[0.052]	8.1	[0.088]	2.1	[0.716]	5.9	[0.210]
Severity of 12-month suicidality								
Suicide plan	1.4	(1.0–2.0)	1.0	(0.6–1.5)	1.1	(0.7–1.8)	1.1	(0.6–1.9)
Unplanned suicide attempt	2.7*	(1.5–4.9)	2.2	(1.0–5.1)	1.5	(0.7–3.4)	0.6	(0.2–1.7)
Planned suicide attempt	2.1*	(1.4–3.2)	1.5	(0.9–2.6)	0.6	(0.3–1.0)	1.5	(0.8–2.8)
Ideation only	1.0		1.0		1.0		1.0	
$\chi^2_3 [P]$	19.7**	[0.000]	6.1	[0.108]	5.7	[0.125]	3.7	[0.302]
Time since ideation								
Continuous (divided by 10)	0.9*	(0.7–1.0)	1.1	(0.9–1.3)	0.9	(0.7–1.1)	1.0	(0.8–1.2)
$\chi^2_1 [P]$	4.0**	[0.044]	0.7	[0.402]	1.5	[0.221]	0.2	[0.680]
History of treatment								
Yes	6.2*	(4.5–8.7)	1.1	(0.7–1.9)	0.8	(0.5–1.4)	2.4*	(1.3–4.4)
$\chi^2_1 [P]$	114.3**	[0.000]	0.2	[0.641]	0.5	[0.478]	8.6**	[0.003]
Lifetime disorder								
Any anxiety	1.9*	(1.4–2.5)	1.3	(0.8–2.0)	1.3	(0.8–2.0)	1.0	(0.6–1.7)
Any mood	1.8*	(1.3–2.4)	1.5	(0.9–2.3)	1.0	(0.7–1.5)	1.1	(0.7–1.9)
Any impulse	0.9	(0.6–1.3)	0.9	(0.5–1.7)	1.1	(0.6–1.8)	0.8	(0.4–1.4)
Any substance	0.9	(0.6–1.3)	1.2	(0.8–1.8)	1.1	(0.7–1.7)	1.2	(0.7–2.0)
$\chi^2_4 [P]$	38.4**	[0.000]	5.0	[0.284]	1.7	[0.784]	1.8	[0.776]
$\chi^2_{19} [P]$	244.4**	[0.000]	52.1**	[0.000]	49.5**	[0.000]	42.0**	[0.002]

a. Countries included are Belgium, Brazil, Bulgaria, China, Colombia, France, Germany, India, Israel, Italy, Japan, Lebanon, Mexico, The Netherlands, New Zealand, Nigeria, Romania, South Africa, Spain, Ukraine, USA.

b. Results are based on multivariate logistic regression model controlling for countries.

* $P < 0.05$, 2-sided test; ** $P < 0.01$, 2-sided test.

Table D53(a) Mental healthcare of suicidal people in the World Mental Health Surveys

Country	Ideation only (n=240)			Suicide plan (n=111)			Unplanned suicide attempt (n=47)			Planned suicide attempt (n=90)			Any suicidal behaviour (n=488)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
Colombia	7.5	2.5	11	39.7	13.1	9	53.4	17.5	7	12.0	5.6	3	18.8	4.1	30
Mexico	5.5	3.3	4	15.8	8.4	4	15.7	15.5	1	33.5	9.4	5	13.8	3.4	14
USA	40.6	4.5	63	49.6	9.5	21	64.8	12.1	16	58.8	7.7	15	46.6	3.4	115
Belgium	60.5	15.9	7	78.6	18.9	5	75.3	22.8	2	16.3	14.4	2	50.9	13.0	16
France	30.1	12.6	12	66.5	15.2	8	0.0	0.0	0	65.6	24.8	4	38.5	10.5	24
Germany	31.2	18.8	3	18.8	12.0	3	100.0	0.0	1	0.0	0.0	0	26.3	12.8	7
Italy	8.1	7.6	1	53.1	35.2	1	0.0	0.0	0	0.0	0.0	0	15.0	9.5	2
The Netherlands	3.1	3.4	1	0.0	0.0	0	100.0	0.0	1	57.8	30.1	2	9.5	4.7	4
Spain	28.5	7.5	13	32.5	12.5	4	100.0	0.0	1	100.0	0.0	4	34.4	7.3	22
Ukraine	1.3	1.4	1	0.0	0.0	0	42.2	28.9	1	0.0	0.0	0	2.9	2.1	2
Israel	22.3	6.1	11	17.0	9.2	3	0.0	0.0	0	34.1	17.8	3	21.0	4.7	17
Lebanon	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	24.4	21.2	1	5.7	5.6	1
Nigeria	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
South Africa	9.1	3.3	8	1.1	1.1	1	43.1	20.2	2	8.7	4.7	4	8.8	2.5	15
China	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	28.1	23.6	1	2.3	2.3	1
Japan	15.5	7.8	6	38.0	21.9	2	23.0	21.2	1	44.3	28.6	2	19.7	7.6	11
New Zealand	31.9	3.5	74	36.0	6.3	37	29.4	12.2	8	58.5	12.5	31	35.0	2.8	150
Romania	9.2	7.5	2	25.6	24.1	1	0.0	0.0	0	69.5	30.0	1	17.8	10.0	4
Bulgaria	8.7	5.9	2	7.8	7.9	1	0.0	0.0	0	0.0	0.0	0	8.1	5.7	3
Brazil	20.1	5.9	17	32.8	8.3	10	51.3	18.9	6	49.6	13.3	8	28.8	5.5	41
India	0.9	0.9	1	0.0	0.0	0	0.0	0.0	0	14.6	8.1	3	2.3	1.5	4
Shenzhen (China)	5.6	4.6	3	3.6	4.0	1	0.0	0.0	0	27.6	24.7	1	5.6	4.0	5

Table DS3(b) General medical healthcare of suicidal people in the World Mental Health Surveys

Country	Ideation only (n=257)			Suicide plan (n=116)			Unplanned suicide attempt (n=36)			Planned suicide attempt (n=70)			Any suicidal behaviour (n=479)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
Colombia	4.4	2.6	6	14.9	13.2	1	17.7	9.7	4	6.9	5.1	2	8.0	2.7	13
Mexico	4.6	2.4	6	0.0	0.0	0	14.1	11.4	2	10.6	7.1	4	5.3	2.1	12
USA	32.9	4.1	50	36.0	8.7	16	48.3	11.4	12	39.5	8.5	10	35.7	2.2	88
Belgium	82.3	9.9	9	83.4	14.6	6	36.5	28.6	1	24.8	18.6	3	58.5	13.8	19
France	37.5	14.9	11	77.2	10.8	9	0.0	0.0	0	49.8	28.8	5	45.0	12.8	25
Germany	8.1	5.4	3	67.7	19.5	4	0.0	0.0	0	0.0	0.0	0	25.4	11.6	7
Italy	48.1	15.3	6	100.0	0.0	2	0.0	0.0	0	0.0	0.0	0	56.1	13.8	8
The Netherlands	21.7	12.1	6	31.7	26.8	2	100.0	0.0	1	77.8	21.2	2	28.5	12.6	11
Spain	16.3	6.8	7	67.6	16.1	6	100.0	0.0	1	18.1	15.3	2	25.4	6.9	16
Ukraine	20.0	9.7	8	17.8	8.5	4	0.0	0.0	0	5.4	5.5	1	16.5	6.2	13
Israel	19.5	6.0	9	8.6	8.1	1	48.0	25.5	2	37.9	18.7	3	20.5	4.9	15
Lebanon	17.8	12.4	2	0.0	0.0	0	62.7	33.1	1	0.0	0.0	0	12.6	6.7	3
Nigeria	0.4	0.4	1	5.9	5.9	1	0.0	0.0	0	0.0	0.0	0	1.8	1.6	2
South Africa	13.8	4.1	10	16.4	8.3	4	43.1	20.2	2	15.4	7.0	5	15.9	3.7	21
China	8.1	8.1	1	4.2	4.5	1	0.0	0.0	0	45.8	25.5	2	10.0	6.4	4
Japan	3.7	2.9	2	11.5	11.3	1	0.0	0.0	0	0.0	0.0	0	4.2	2.6	3
New Zealand	39.5	4.1	101	37.9	5.4	44	28.8	10.8	8	34.8	9.6	24	38.3	3.1	177
Romania	3.3	3.9	1	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	2.6	2.9	1
Bulgaria	5.4	3.4	2	92.7	5.8	6	0.0	0.0	0	0.0	0.0	0	18.2	5.7	8
Brazil	8.1	3.9	8	20.2	6.5	5	34.2	20.9	2	18.3	8.6	6	14.1	3.7	21
India	5.3	2.4	6	5.5	3.2	3	0.0	0.0	0	1.3	1.3	1	4.6	1.3	10
Shenzhen (China)	7.3	5.3	2	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	6.3	4.5	2

Table D53(c) Treatment in any non-healthcare sector of suicidal people in the World Mental Health Surveys

Country	Ideation only (n = 114)			Suicide plan (n = 45)			Unplanned suicide attempt (n = 14)			Planned suicide attempt (n = 41)			Any suicidal behaviour (n = 214)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
Colombia	1.3	0.9	2	3.1	3.1	1	17.7	15.8	1	0.0	0.0	0	3.9	2.8	4
Mexico	0.0	0.0	0	2.5	2.6	1	0.0	0.0	0	4.9	3.8	2	1.5	1.2	3
USA	23.1	3.7	32	16.9	6.5	9	27.3	9.6	7	42.6	9.8	11	24.6	2.9	59
Belgium	8.0	7.7	1	17.4	16.1	1	0.0	0.0	0	0.0	0.0	0	6.8	6.7	2
France	11.6	10.1	2	0.0	0.0	0	0.0	0.0	0	7.9	8.6	1	9.4	7.7	3
Germany	4.9	3.8	2	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	3.0	2.2	2
Italy	16.2	11.1	2	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	13.7	9.5	2
The Netherlands	3.1	3.4	1	68.3	26.8	1	0.0	0.0	0	0.0	0.0	0	7.2	5.9	2
Spain	0.0	0.0	0	7.0	6.9	1	0.0	0.0	0	0.0	0.0	0	1.1	1.1	1
Ukraine	5.3	3.1	2	7.0	4.7	2	0.0	0.0	0	6.9	6.9	1	5.6	2.5	5
Israel	3.0	2.2	2	19.9	10.3	3	0.0	0.0	0	17.1	15.4	1	8.1	3.3	6
Lebanon	0.0	0.0	0	0.0	0.0	0	37.3	33.1	1	3.5	3.8	1	2.6	2.2	2
Nigeria	0.0	0.0	0	5.9	5.9	1	0.0	0.0	0	0.0	0.0	0	1.6	1.6	1
South Africa	5.1	2.7	5	13.6	7.8	3	5.7	5.8	1	26.6	8.3	7	11.4	3.4	16
China	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
Japan	16.1	7.9	6	13.4	12.9	1	25.8	23.0	1	39.7	26.1	1	17.3	6.9	9
New Zealand	16.6	3.1	43	14.3	5.1	15	4.1	3.5	2	27.4	10.4	11	16.5	2.6	71
Romania	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
Bulgaria	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0
Brazil	6.4	4.1	4	9.2	5.4	4	5.9	5.8	1	35.3	15.1	4	10.3	2.9	13
India	10.1	4.8	6	2.6	2.0	2	0.0	0.0	0	0.0	0.0	0	6.2	2.6	8
Shenzhen (China)	5.8	4.2	4	0.0	0.0	0	0.0	0.0	0	27.6	24.7	1	5.5	3.7	5

Table DS3(d) Treatment in any care sector of suicidal people in the World Mental Health Surveys

Country	Ideation only (n=432)			Suicide plan (n=189)			Unplanned suicide attempt (n=66)			Planned suicide attempt (n=136)			Any suicidal behaviour (n=823)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
Colombia	11.9	3.5	16	57.7	12.0	11	68.4	17.2	10	14.2	6.0	4	26.0	4.8	41
Mexico	9.4	4.0	9	18.4	8.1	5	29.9	19.9	3	42.8	7.9	10	18.9	3.4	27
USA	63.1	3.9	95	71.6	7.8	31	81.6	9.5	20	76.3	5.7	21	67.9	2.8	167
Belgium	89.2	7.5	10	83.4	14.6	6	75.3	22.8	2	24.8	18.6	3	64.1	14.4	21
France	52.1	15.9	17	93.9	4.9	11	0.0	0.0	0	100.0	0.0	6	62.2	13.6	34
Germany	39.3	19.2	6	79.5	18.2	6	100.0	0.0	1	0.0	0.0	0	49.6	15.4	13
Italy	56.0	17.1	7	100.0	0.0	2	0.0	0.0	0	0.0	0.0	0	62.7	15.1	9
The Netherlands	21.7	12.1	6	100.0	0.0	3	100.0	0.0	1	100.0	0.0	3	34.6	15.3	13
Spain	28.5	7.5	13	67.6	16.1	6	100.0	0.0	1	100.0	0.0	4	39.9	9.3	24
Ukraine	25.3	9.0	10	21.4	9.0	5	42.2	28.9	1	12.3	8.9	2	23.4	5.8	18
Israel	41.5	7.4	20	45.4	12.7	7	48.0	25.5	2	82.9	15.4	6	47.0	6.0	35
Lebanon	17.8	12.4	2	0.0	0.0	0	100.0	0.0	2	27.9	21.4	2	20.8	8.4	6
Nigeria	0.4	0.4	1	5.9	5.9	1	0.0	0.0	0	0.0	0.0	0	1.8	1.6	2
South Africa	19.2	4.3	17	23.5	8.6	7	48.8	19.5	3	47.0	9.9	14	27.2	4.3	41
China	8.1	8.1	1	4.2	4.5	1	0.0	0.0	0	45.8	25.5	2	10.0	6.4	4
Japan	19.2	8.6	8	62.9	21.0	4	48.8	27.7	2	84.0	18.1	3	28.6	9.3	17
New Zealand	57.1	3.8	144	52.0	6.8	56	46.7	13.7	12	64.3	13.0	37	56.2	3.2	249
Romania	9.2	7.5	2	25.6	24.1	1	0.0	0.0	0	69.5	30.0	1	17.8	10.0	4
Bulgaria	11.4	5.8	3	92.7	5.8	6	0.0	0.0	0	0.0	0.0	0	23.0	6.8	9
Brazil	27.2	7.3	25	42.6	8.1	14	51.3	18.9	6	65.7	11.6	13	37.0	6.3	58
India	15.0	4.8	12	8.0	3.7	5	0.0	0.0	0	16.0	8.2	4	12.4	3.1	21
Shenzhen (China)	14.1	6.7	8	3.6	4.0	1	0.0	0.0	0	27.6	24.7	1	13.0	5.9	10

Table DS4(a) Twelve-month treatment of suicidal people in high-income World Mental Health Survey countries^a

	Ideation only (n=594)			Suicide plan (n=211)			Unplanned suicide attempt (n=60)			Planned suicide attempt (n=107)			Any suicidal behaviour (n=972)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
<i>Any healthcare</i>	47.9	2.6	302	56.3	4.4	125	58.6	7.5	37	64.4	6.6	76	51.7	2.1	540
<i>Any mental healthcare</i>	30.7	2.3	191	38.2	4.3	84	44.1	8.0	30	52.4	6.4	63	35.0	1.8	368
Psychiatrist	17.0	1.9	102	26.9	3.8	58	22.5	5.0	18	44.3	6.1	50	21.8	1.6	228
Other mental healthcare	21.8	2.1	134	23.8	3.7	54	38.7	8.0	25	39.7	6.3	44	24.8	1.8	257
<i>General medical</i>	31.7	2.5	204	37.6	3.8	91	40.2	7.3	25	35.7	5.6	49	33.7	1.8	369
<i>Any non-healthcare</i>	14.8	1.8	91	14.8	3.2	31	14.7	4.8	10	26.8	5.6	25	15.9	1.5	157
<i>Human service</i>	7.2	1.3	46	6.3	2.0	14	7.2	3.5	4	17.1	4.0	18	8.0	1.0	82
<i>CAM</i>	9.5	1.5	56	9.7	2.6	21	7.5	3.1	6	16.6	5.2	13	10.1	1.3	96
<i>Any of the above</i>	51.9	2.7	326	60.9	4.4	132	64.7	7.5	41	70.3	6.6	83	56.1	2.1	582

Human service refers to religious or spiritual advisor, social worker or traditional healer, CAM, complementary and alternative medicine.
a. Belgium, France, Germany, Israel, Italy, Japan, The Netherlands, New Zealand, Spain and the USA.

Table DS4(b) Twelve-month treatment of suicidal people in middle-income World Mental Health Survey countries^a

	Ideation only (n=275)			Suicide plan (n=113)			Unplanned suicide attempt (n=28)			Planned suicide attempt (n=92)			Any suicidal behaviour (n=508)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
<i>Any healthcare</i>	17.0	2.5	53	25.8	5.0	27	44.4	12.1	12	34.0	5.7	30	23.0	2.2	122
<i>Any mental healthcare</i>	11.2	2.1	33	14.1	3.8	17	40.9	12.4	9	24.0	5.6	19	15.4	2.0	78
Psychiatrist	8.6	1.9	26	8.6	2.9	12	20.4	9.2	7	22.9	5.6	17	11.6	1.8	62
Other mental healthcare	4.5	1.5	13	7.8	3.2	9	35.9	12.6	6	8.7	4.1	8	7.4	1.5	36
<i>General medical care</i>	9.5	2.1	29	17.4	4.6	15	35.2	12.6	7	13.6	4.3	15	13.1	2.0	66
<i>Any non-healthcare</i>	3.8	1.5	9	9.2	4.0	8	6.0	3.6	3	21.6	5.9	14	8.0	1.7	34
<i>Human service</i>	2.9	1.3	8	6.7	3.8	4	6.0	3.6	3	9.4	4.2	7	4.9	1.6	22
<i>CAM</i>	0.8	0.8	1	5.8	3.4	5	0.0	0.0	0	16.0	5.2	9	4.4	1.2	15
<i>Any of the above</i>	18.5	2.7	58	30.9	5.1	33	47.9	11.9	14	49.1	6.2	40	27.6	2.6	145

Human service refers to religious or spiritual advisor, social worker or traditional healer, CAM, complementary and alternative medicine.
a. Brazil, Bulgaria, Lebanon, Mexico, Romania and South Africa.

Table DS4(c) Twelve-month treatment of suicidal people in low-income World Mental Health Survey countries^a

	Ideation only (n=292)			Suicide plan (n=124)			Unplanned suicide attempt (n=31)			Planned suicide attempt (n=83)			Any suicidal behaviour (n=530)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
<i>Any healthcare</i>	9.5	2.0	36	15.6	3.8	20	48.1	12.6	11	13.8	3.9	12	14.2	2.0	79
<i>Any mental healthcare</i>	3.5	1.1	16	6.8	2.6	10	38.4	12.9	8	10.9	3.6	8	7.7	1.5	42
Psychiatrist	2.4	0.9	11	4.6	2.3	6	25.0	11.5	6	7.6	2.8	6	5.2	1.3	29
Other mental healthcare	1.1	0.6	6	2.4	1.4	5	23.8	12.1	5	4.5	2.6	4	3.5	1.2	20
<i>General medical care</i>	7.1	1.9	24	8.8	3.2	10	11.5	6.0	4	6.0	2.7	6	7.6	1.4	44
<i>Any non-healthcare</i>	4.7	1.5	14	3.5	1.4	6	11.5	10.6	1	1.4	1.1	2	4.5	1.3	23
<i>Human service</i>	2.9	1.4	8	2.2	1.2	4	11.5	10.6	1	0.4	0.4	1	3.1	1.2	14
<i>CAM</i>	1.7	0.8	6	1.2	0.9	2	0.0	0.0	0	1.0	1.0	1	1.4	0.6	9
<i>Any of the above</i>	13.6	2.3	48	17.8	3.9	24	48.1	12.6	11	14.8	4.0	13	17.2	2.1	96

Human service refers to religious or spiritual advisor, social worker or traditional healer, CAM, complementary and alternative medicine.
a. China, Colombia, India, Nigeria and Ukraine.

Table DS5 Multivariate predictors of barriers to treatment of suicidal people in the World Mental Health Surveys among those who did not receive treatment ($n = 1170$)^a

	Low perceived need for treatment		Any structural barrier		Any attitudinal barrier	
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)
Age						
Continuous (divided by 10)	1.0	(0.8–1.3)	0.7*	(0.6–0.9)	1.0	(0.8–1.2)
χ^2_1 [P]	0.0	[0.889]	6.8**	[0.009]	0.1	[0.755]
Gender						
Female	0.8	(0.5–1.4)	1.5	(0.8–2.6)	1.1	(0.7–1.7)
Male	1.0		1.0		1.0	
χ^2_1 [P]	0.5	[0.474]	1.8	[0.185]	0.1	[0.810]
Education						
Continuous	0.9	(0.8–1.2)	0.8	(0.6–1.0)	1.1	(0.9–1.3)
χ^2_1 [P]	0.4	[0.517]	2.9	[0.089]	0.5	[0.462]
Marital status						
Never married	1.0	(0.6–1.7)	0.8	(0.4–1.3)	0.9	(0.6–1.6)
Previously married	0.9	(0.5–1.6)	1.1	(0.6–2.0)	1.1	(0.7–1.9)
Married/cohabiting	1.0		1.0		1.0	
χ^2_2 [P]	0.1	[0.948]	1.0	[0.608]	0.3	[0.845]
Income						
Continuous	1.0	(0.9–1.1)	1.1	(1.0–1.2)	1.0	(0.9–1.2)
χ^2_1 [P]	0.3	[0.594]	1.9	[0.166]	0.3	[0.556]
Employment						
Student	1.5	(0.4–5.8)	0.8	(0.2–2.9)	0.7	(0.2–2.6)
Homemaker	1.2	(0.7–2.2)	1.4	(0.7–2.8)	0.9	(0.5–1.6)
Retired	1.3	(0.5–3.4)	2.3	(0.7–7.1)	0.6	(0.2–1.5)
Other	0.6	(0.3–1.1)	1.3	(0.7–2.4)	1.6	(0.9–2.8)
Working	1.0		1.0		1.0	
χ^2_4 [P]	5.3	[0.258]	3.2	[0.529]	6.0	[0.198]
Severity of 12-month suicidality						
Suicide plan	1.1	(0.6–1.9)	0.7	(0.4–1.3)	0.8	(0.5–1.4)
Unplanned suicide attempt	0.5*	(0.2–1.0)	1.0	(0.3–3.1)	1.9	(0.9–4.2)
Planned suicide attempt	0.7	(0.4–1.2)	1.1	(0.6–2.2)	1.2	(0.7–2.2)
Ideation only	1.0		1.0		1.0	
χ^2_3 [P]	5.0	[0.175]	1.3	[0.732]	3.5	[0.315]
Time since ideation						
Continuous (divided by 10)	1.1	(0.9–1.3)	0.9	(0.7–1.1)	1.0	(0.8–1.2)
χ^2_1 [P]	0.4	[0.511]	0.9	[0.330]	0.2	[0.636]
History of treatment						
Yes	0.5*	(0.3–0.9)	2.2*	(1.4–3.6)	1.6	(1.0–2.7)
χ^2_1 [P]	6.1**	[0.014]	11.8**	[0.001]	3.8	[0.052]
Lifetime disorder						
Any anxiety	0.7	(0.5–1.1)	1.4	(0.8–2.2)	1.3	(0.8–2.0)
Any mood	0.8	(0.5–1.3)	1.5	(0.9–2.5)	1.3	(0.8–1.9)
Any impulse	1.0	(0.6–1.7)	1.0	(0.6–1.8)	0.9	(0.5–1.5)
Any substance	1.0	(0.6–1.8)	1.3	(0.8–2.4)	1.1	(0.6–1.8)
χ^2_4 [P]	3.6	[0.470]	4.6	[0.329]	3.3	[0.515]
χ^2_{19} [P]	31.6**	[0.034]	48.9**	[0.000]	25.8	[0.137]

Results are based on multivariate logistic regression model controlling for countries.

* $P < 0.05$; ** $P < 0.01$, 2-sided test.

a. Countries include: Belgium, Brazil, Bulgaria, Colombia, France, Germany, India, Israel, Italy, Japan, Lebanon, Mexico, The Netherlands, New Zealand, Nigeria, China, Romania, South Africa, Spain, Ukraine and the USA.

Table DS6(a) Barriers to treatment of suicidal people from high-income World Mental Health Survey countries^a

	Ideation only (n=267)			Suicide plan (n=78)			Unplanned suicide attempt (n=18)			Planned suicide attempt (n=23)			Any suicidal behaviour (n=386)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
<i>Low perceived need for treatment</i>	47.6	4.6	121	39.7	7.3	33	25.2	11.9	6	40.5	14.4	10	44.8	3.8	170
<i>Any structural barrier</i>	14.3	2.5	47	10.8	3.7	11	21.6	13.0	3	20.2	9.8	6	14.4	2.0	67
Financial	9.1	2.0	32	8.8	3.4	9	13.8	12.4	1	20.2	9.8	6	10.0	1.7	48
Availability	7.9	1.8	28	5.6	2.9	5	7.9	6.2	2	14.1	8.8	3	7.9	1.5	38
Transportation	5.1	1.6	16	5.1	3.0	3	0.0	0.0	0	2.3	2.3	1	4.7	1.3	20
Inconvenient	3.9	1.2	13	3.3	1.7	5	0.0	0.0	0	3.4	3.4	1	3.6	1.0	19
<i>Any attitudinal barrier</i>	50.8	4.6	144	58.9	7.4	44	74.8	11.9	12	56.2	14.6	12	53.5	3.8	212
Wanted to handle on own	33.1	3.7	93	38.2	7.0	40	59.4	14.1	9	48.4	15.4	9	36.0	3.3	141
Perceived ineffectiveness	11.3	2.1	43	17.0	5.3	11	20.5	12.6	4	2.8	2.4	2	12.1	1.9	60
Stigma	5.6	1.4	21	5.5	2.9	5	7.9	6.2	2	16.9	9.2	5	6.4	1.3	33
Thought would get better	11.5	2.6	33	5.2	2.6	5	7.9	6.2	2	10.9	8.1	3	10.2	2.0	43
Problem was not severe	12.5	2.7	33	11.2	4.2	9	10.7	9.9	1	22.0	10.1	6	12.8	2.2	49

a. Belgium, France, Germany, Israel, Italy, Japan, The Netherlands, New Zealand, Spain and the USA.

Table DS6(b) Barriers to treatment of suicidal people from middle-income World Mental Health Survey countries^a

	Ideation only (n=212)			Suicide plan (n=77)			Unplanned suicide attempt (n=14)			Planned suicide attempt (n=51)			Any suicidal behaviour (n=354)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
<i>Low perceived need for treatment</i>	61.6	5.6	119	64.4	6.0	41	44.7	13.4	6	67.8	7.5	30	62.3	4.1	196
<i>Any structural barrier</i>	19.2	6.1	42	20.1	4.5	20	16.2	10.6	2	16.6	5.3	13	19.0	4.3	77
Financial	16.2	6.3	32	14.6	4.3	13	6.0	5.9	1	11.5	4.7	9	15.0	4.3	55
Availability	14.4	6.2	29	16.7	4.2	16	16.2	10.6	2	16.3	5.3	12	15.1	4.3	59
Transportation	4.0	1.1	17	10.4	3.4	9	0.0	0.0	0	4.5	2.4	5	5.1	1.1	31
Inconvenient	3.6	1.1	13	3.3	1.9	4	10.2	9.5	4	4.9	3.3	4	3.9	1.0	22
<i>Any attitudinal barrier</i>	36.9	5.7	86	29.6	6.1	29	45.1	13.2	7	27.2	7.2	16	34.6	4.2	138
Wanted to handle on own	21.8	3.2	58	19.2	4.9	20	42.7	13.0	6	16.1	6.6	8	21.3	2.6	92
Perceived ineffectiveness	5.6	1.8	21	9.0	3.8	7	6.0	5.9	1	9.6	4.1	7	6.8	1.5	36
Stigma	6.2	1.9	18	7.3	2.3	7	6.0	5.9	1	4.1	2.4	4	6.2	1.3	30
Thought would get better	18.1	5.8	31	16.4	5.0	11	6.0	5.9	1	5.9	3.4	5	15.9	4.1	48
Problem was not severe	4.6	1.5	13	12.2	4.0	11	2.4	2.5	1	3.1	2.5	2	5.8	1.3	27

a. Brazil, Bulgaria, Lebanon, Mexico, Romania and South Africa.

Table DS6(c) Barriers to treatment of suicidal people from low-income World Mental Health Survey countries^a

	Ideation only (n=244)			Suicide plan (n=98)			Unplanned suicide attempt (n=20)			Planned suicide attempt (n=68)			Any suicidal behaviour (n=430)		
	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n	%	s.e.	n
<i>Low perceived need for treatment</i>	66.0	4.8	163	83.7	4.2	81	50.4	16.5	14	55.2	7.1	37	67.3	3.8	295
<i>Any structural barrier</i>	12.7	3.8	25	4.5	1.9	7	12.5	10.6	2	22.1	6.5	15	12.3	3.1	49
Financial	10.8	3.8	18	2.9	1.5	5	12.5	10.6	2	17.8	5.9	12	10.2	3.1	37
Availability	9.7	3.3	20	2.0	1.1	3	11.2	10.6	1	20.4	6.4	13	9.6	2.7	37
Transportation	1.1	0.7	3	2.4	1.4	3	0.0	0.0	0	8.3	4.4	5	2.2	0.9	11
Inconvenient	3.5	2.0	7	0.7	0.7	1	0.0	0.0	0	5.8	3.9	4	3.1	1.3	12
<i>Any attitudinal barrier</i>	33.4	4.8	80	14.3	4.1	14	49.6	16.5	6	43.1	7.0	30	31.7	3.8	130
Wanted to handle on own	25.3	4.9	51	8.5	3.2	9	24.0	13.1	4	26.9	6.9	20	22.2	3.8	84
Perceived ineffectiveness	4.8	1.3	21	2.1	1.2	3	1.3	1.3	1	15.5	5.4	10	5.4	1.2	35
Stigma	7.9	3.3	16	2.1	1.2	3	0.0	0.0	0	17.3	4.1	12	7.6	2.1	31
Thought would get better	8.5	2.9	19	4.7	2.7	4	11.2	10.6	1	10.9	4.1	10	8.2	2.4	34
Problem was not severe	6.4	2.3	15	6.5	3.1	6	25.6	19.0	2	3.2	1.8	3	6.9	2.0	26

a. China, Colombia, India, Nigeria and Ukraine.