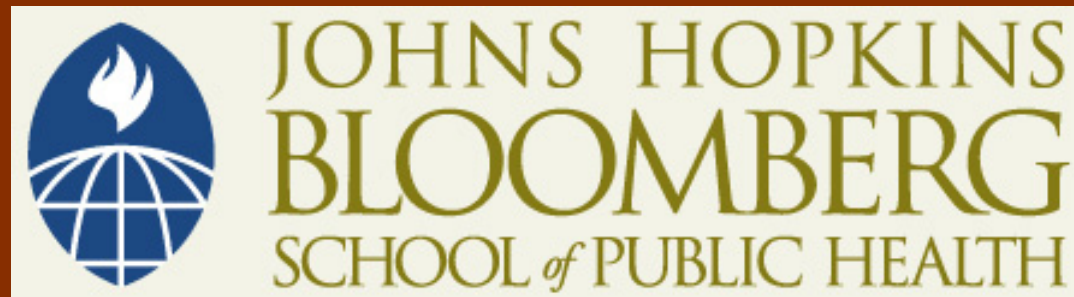


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JOHNS HOPKINS
BLOOMBERG
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Section C

Current Knowledge Overview

Trans-National Perspective

- 1980s
 - Cross-National Collaborative Group (CNCG)
- 1990s
 - International Consortium of Psychiatric Epidemiology (ICPE) Surveys
- 2000s
 - WHO World Mental Health (WMH) Initiative

World Mental Health Survey 2000

- First paper: 14 countries
 - Colombia, Mexico, US, Belgium, France, Germany, Italy, Netherlands, Spain, Ukraine, Lebanon, Nigeria, Japan, China
- N = 60,463
- Composite International Diagnostic Interview (CIDI)
- ICD-10/DSM-IV diagnoses
- <http://www.hcp.med.harvard.edu/wmh/>
 - Now up to 28 countries involved

WMH 2000 Samples

Country	Site	Ages	Response rate
Belgium	National sample	18+	50.6%
Colombia	Urban residents	18-65	87.7%
France	National sample	18+	45.9%
Germany	National sample	18+	57.8%
Italy	National sample	18+	71.3%
Japan	4 metropolitan areas	20+	56.4%
Lebanon	National sample	18+	70.0%
Mexico	Urban residents	18-65	76.6%
Netherlands	National sample	18+	56.4%
Nigeria	Southwest and N. Central	18+	79.9%
China	Beijing and shanghai	18+	74.7%
Spain	National sample	18+	78.6%
Ukraine	National sample	18+	78.3%
US (NCS-R)	National sample	18+	70.9%

WMH 2000 12-Month Prevalence

Country	Mood Disorder (95% CI)	Anxiety Disorder (95% CI)	Impulse-Control (95% CI)	Substance Abuse (95% CI)
Columbia	6.8 (6.0-7.7)	10.0 (8.4-11.7)	3.9 (3.2-4.7)	2.8 (2.0-3.7)
Mexico	4.8 (4.0-5.6)	6.8 (5.6-7.9)	1.3 (0.9-1.8)	2.5 (1.8-3.3)
USA	9.6 (5.9-7.8)	18.2 (16.9-19.5)	6.8 (5.9-7.8)	3.8 (3.2-4.5)
Belgium	6.2 (4.8-7.6)	6.9 (4.5-9.4)	1.0 (0.3-1.8)	1.2 (0.6-1.9)
France	8.5 (6.4-10.6)	12.0 (9.8-14.2)	1.4 (0.7-2.0)	0.7 (0.3-1.2)
Germany	3.6 (2.8-4.3)	6.2 (4.7-7.6)	0.3 (0.1-0.6)	1.1 (0.4-1.7)
Italy	3.8 (3.1-4.5)	5.8 (4.5-7.1)	0.3 (0.1-0.5)	0.1 (0.0-0.2)
Netherlands	6.9 (4.1-9.7)	8.8 (6.6-11.0)	1.3 (0.4-2.2)	3.0 (0.7-5.2)
Spain	4.9 (5.0-5.8)	5.9 (4.5-7.3)	0.5 (0.2-0.8)	0.3 (0.0-0.5)
Ukraine	9.1 (7.3-10.9)	7.1 (5.6-8.6)	3.2 (2.4-4.0)	6.4 (4.8-8.1)
Lebanon	6.6 (4.9-8.2)	11.2 (8.9-13.5)	1.7 (0.8-2.6)	1.3 (0.0-2.8)
Nigeria	0.8 (0.5-1.0)	3.3 (2.4-4.2)	0.0 (0.0-0.1)	0.8 (0.3-1.2)
Japan	3.1 (2.2-4.1)	5.3 (3.5-7.0)	1.0 (0.4-1.5)	1.7 (0.3-3.0)
China:				
Beijing	2.5 (1.5-3.4)	3.2 (1.8-4.6)	2.6 (1.3-3.9)	2.6 (1.2-3.9)
Shanghai	1.7 (0.6-2.9)	2.4 (0.9-3.9)	0.7 (0.4-1.1)	0.5 (0.3-0.6)

- Anxiety includes all agoraphobia, GAD, OCD, panic, PTSD, social phobia, specific phobia
- Mood includes bipolar I and II, dysthymia, and MDD
- Impulse-control includes bulimia, intermittent explosive disorder, ADHD, CD, ODD
- Substance abuse includes alcohol or drug abuse or dependence
- Note: for European countries—only alcohol abuse and dependence assessed, no assessment was made of other drug abuse or dependence

Mental Health Atlas—2005

- WHO initiative
 - http://www.who.int/mental_health/evidence/atlas/
 - Department of Mental Health and Substance Abuse, WHO

- Goal: to map mental health resources around the world—five regions, four income groups

- Country profiles
 - General country information
 - Epidemiological data
 - Mental health resources

Select Atlas Results

- Select atlas results: professionals, median number per 100,000 population

Region	Psychiatrists	Psych nurses	Psychologists	Social workers
Africa	0.04	0.20	0.05	0.05
Americas	2.00	2.60	2.80	1.00
E. Med.	0.95	1.25	0.60	0.40
Europe	9.80	24.80	3.10	1.50
S.E. Asia	0.20	0.10	0.03	0.04
W. Pacific	0.32	0.50	0.03	0.05

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Summary

- Course objectives
 - Identify what the major mental health problems are
 - Develop methods for conducting appropriate research
- Introduction to Global Mental Health
 - What do we know about prevalence?
 - What do we know about mental health systems in low-resource areas?
 - What are the gaps?