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| **Appendix Table 1.** WMH sample characteristics by World Bank income categories*a* |
|  |  |  |  |  | **Sample size** |  |  |  |
| **Country by income category** | **Survey*b*** | **Sample characteristics*c*** | **Field dates** | **Age range** | **Part I** | **Part II** | **Part II and age ≤ 44*d*** | **Response rate*e*** |
| **I. Low and lower middle income countries** |  |  |  |  |  |  |
| Colombia | NSMH | All urban areas of the country (approximately 73% of the total national population)  | 2003 | 18-65 | 4,426 | 2,381 | 1,731 | 87.7 |
| Iraq | IMHS | Nationally representative. | 2006-7 | 18-96 | 4,332 | 4,332 | -- | 95.2 |
| Nigeria | NSMHW | 21 of the 36 states in the country, representing 57% of the national population. The surveys were conducted in Yoruba, Igbo, Hausa and Efik languages.  | 2002-3 | 18-100 | 6,752 | 2,143 | 1,203 | 79.3 |
| PRCf - Beijing/Shanghai | B-WMH/S-WMH | Beijing and Shanghai metropolitan areas. | 2002-3 | 18-70 | 5,201 | 1,628 | 570 | 74.7 |
| PRCf  - Shenzheng | Shenzhen | Shenzhen metropolitan area. Included temporary residents as well as household residents. | 2006-7 | 18-88 | 7,132 | 2,475 | -- | 80.0 |
| Peru | EMSMP | Five urban areas of the country (approximately 38% of the total national population). | 2004-5 | 18-65 | 3,930 | 1,801 | 1,287 | 90.2 |
| Ukraine | CMDPSD | Nationally representative. | 2002 | 18-91 | 4,725 | 1,720 | 541 | 78.3 |
| **TOTAL** |  |  |  |  | (36,498) | (16,480) | (5,332) | 82.2 |
| **II. Upper-middle income countries** |  |  |  |  |  |  |
| Brazil - São Paulo | São Paulo Megacity | São Paulo metropolitan area. | 2005-7 | 18-93 | 5,037 | 2,942 | -- | 81.3 |
| Bulgaria | NSHS | Nationally representative. | 2003-7 | 18-98 | 5,318 | 2,233 | 741 | 72.0 |
| Colombia - Medellinh | MMHHS | Medellin metropolitan area | 2011-12 | 19-65 | 3,261 | 1,673 |  | 97.2 |
| Lebanon | LEBANON | Nationally representative. | 2002-3 | 18-94 | 2,857 | 1,031 | 595 | 70.0 |
| Mexico | M-NCS | All urban areas of the country (approximately 75% of the total national population).  | 2001-2 | 18-65 | 5,782 | 2,362 | 1,736 | 76.6 |
| Romania | RMHS | Nationally representative. | 2005-6 | 18-96 | 2,357 | 2,357 | -- | 70.9 |
| South Africag | SASH | Nationally representative. | 2003-4 | 18-92 | 4,315 | 4,315 | -- | 87.1 |
| **TOTAL** |  |  |  |  | (28,927) | (16,913) | (3,072) | 78.5 |
| **III. High-income countries** |  |  |  |  |  |  |
| Belgium | ESEMeD | Nationally representative. The sample was selected from a national register of Belgium residents | 2001-2 | 18-95 | 2,419 | 1,043 | 486 | 50.6 |
| France | ESEMeD | Nationally representative. The sample was selected from a national list of households with listed telephone numbers.  | 2001-2 | 18-97 | 2,894 | 1,436 | 727 | 45.9 |
| Germany | ESEMeD | Nationally representative.  | 2002-3 | 19-95 | 3,555 | 1,323 | 621 | 57.8 |
| Israel | NHS | Nationally representative. | 2002-4 | 21-98 | 4,859 | 4,859 | -- | 72.6 |
| Italy | ESEMeD | Nationally representative. The sample was selected from municipality resident registries. | 2001-2 | 18-100 | 4,712 | 1,779 | 853 | 71.3 |
| Japan | WMHJ 2002-2006 | Eleven metropolitan areas.  | 2002-6 | 20-98 | 4,129 | 1,682 | -- | 55.1 |
| Netherlands | ESEMeD | Nationally representative. The sample was selected from municipal postal registries. | 2002-3 | 18-95 | 2,372 | 1,094 | 516 | 56.4 |
| New Zealandg | NZMHS | Nationally representative. | 2003-4 | 18-98 | 12,790 | 7,312 | -- | 73.3 |
| N. Ireland | NISHS | Nationally representative. | 2004-7 | 18-97 | 4,340 | 1,986 | -- | 68.4 |
| Poland | EZOP | Nationally representative | 2010-11 | 18-65 | 10,081 | 4,000 | 2,276 | 50.4 |
| Portugal | NMHS | Nationally representative. | 2008-9 | 18-81 | 3,849 | 2,060 | 1,070 | 57.3 |
| Spain | ESEMeD | Nationally representative. | 2001-2 | 18-98 | 5,473 | 2,121 | 960 | 78.6 |
| Spain - Murcia | PEGASUS- Murcia | Murcia region. Regionally representative.  | 2010-12 | 18-96 | 2,621 | 1,459 | -- | 67.4 |
| United States | NCS-R | Nationally representative. | 2002-3 | 18-99 | 9,282 | 5,692 | 3,197 | 70.9 |
| **TOTAL** |  |  |  |  | (73,376) | (37,846) | (10,706) | 62.9 |
| **IV. TOTAL** |  |  |  |  | (138,801) | (71,239) | (19,110) | 70.1 |
|  |

|  |
| --- |
| **Appendix Table 2. Within-survey distributions and associations (polychoric correlations) between level of education and level of family income among WMH respondents with 12-month DSM-IV/CIDI disorders (n = 16,753)** |
|  |
|  | **Level of education1** | **Level of family income2** |  |  |
|  | **Low** |  | **Low-average** |  | **High** |  | **High-average** |  | **Low** |  | **Low-average** |  | **High** |  | **High-average** |  |  |
|  | **%** | **(SE)** |  | **%** | **(SE)** |  | **%** | **(SE)** |  | **%** | **(SE)** |  | **%** | **(SE)** |  | **%** | **(SE)** |  | **%** | **(SE)** |  | **%** | **(SE)** |  | **r\*2** |
| I. Lower-middle income countries |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Colombia | 30.0 | (2.5) |  | 29.3 | (2.6) |  | 19.5 | (1.6) |  | 21.2 | (2.5) |  | 35.2 | (2.9) |  | 24.8 | (2.8) |  | 16.6 | (1.9) |  | 23.3 | (2.7) |  | 0.405\* |
|  Iraq | 20.6 | (3.2) |  | 36.9 | (3.8) |  | 32.5 | (3.2) |  | 10.1 | (1.8) |  | 27.0 | (3.0) |  | 24.8 | (2.8) |  | 23.1 | (2.7) |  | 22.7 | (3.9) |  | 0.269\* |
|  Nigeria | 19.5 | (3.7) |  | 21.3 | (4.6) |  | 43.1 | (4.6) |  | 16.1 | (4.5) |  | 39.7 | (5.4) |  | 15.7 | (3.5) |  | 18.6 | (4.5) |  | 26.0 | (4.2) |  | 0.284\* |
|  PRC-Beijing/Shanghai | 16.4 | (5.6) |  | 21.1 | (3.8) |  | 39.7 | (5.3) |  | 22.8 | (5.0) |  | 21.4 | (4.4) |  | 33.9 | (6.0) |  | 27.4 | (5.2) |  | 17.3 | (4.5) |  | 0.328\* |
|  PRC-Shenzhen | 1.9 | (0.8) |  | 19.6 | (3.0) |  | 40.6 | (3.9) |  | 37.9 | (3.1) |  | 29.9 | (2.9) |  | 18.8 | (2.4) |  | 21.6 | (2.9) |  | 29.7 | (3.9) |  | 0.389\* |
|  Peru | 13.4 | (1.8) |  | 11.0 | (2.0) |  | 58.9 | (3.1) |  | 16.6 | (2.8) |  | 37.3 | (2.6) |  | 21.1 | (2.4) |  | 20.0 | (2.4) |  | 21.5 | (3.8) |  | 0.519\* |
|  Ukraine | 17.3 | (2.4) |  | 52.9 | (2.7) |  | 14.6 | (2.7) |  | 15.2 | (2.3) |  | 18.2 | (2.3) |  | 35.2 | (2.9) |  | 34.5 | (2.8) |  | 12.1 | (2.5) |  | 0.192\* |
|  Overall | 19.4 | (1.2) |  | 31.3 | (1.3) |  | 31.0 | (1.3) |  | 18.3 | (1.0) |  | 29.5 | (1.2) |  | 26.1 | (1.2) |  | 22.9 | (1.1) |  | 21.5 | (1.4) |  | 0.324\* |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| II. Upper-middle income countries |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Brazil-Sao Paulo | 24.2 | (1.6) |  | 24.7 | (1.5) |  | 35.4 | (1.8) |  | 15.6 | (2.0) |  | 25.3 | (1.8) |  | 27.3 | (2.0) |  | 23.8 | (1.7) |  | 23.6 | (2.6) |  | 0.419\* |
|  Bulgaria | 10.3 | (2.1) |  | 23.0 | (3.0) |  | 41.8 | (4.0) |  | 25.0 | (4.3) |  | 16.9 | (2.1) |  | 30.2 | (3.3) |  | 27.6 | (3.1) |  | 25.3 | (4.4) |  | 0.389\* |
|  Colombia-Medellin | 2.1 | (0.6) |  | 22.2 | (2.4) |  | 48.0 | (3.0) |  | 27.8 | (2.9) |  | 41.7 | (3.0) |  | 18.1 | (2.3) |  | 20.8 | (2.4) |  | 19.5 | (2.5) |  | 0.211\* |
|  Lebanon | 21.2 | (4.8) |  | 33.4 | (3.9) |  | 28.7 | (5.0) |  | 16.7 | (3.3) |  | 29.0 | (4.2) |  | 21.7 | (4.2) |  | 17.1 | (4.8) |  | 32.2 | (4.5) |  | 0.240\* |
|  Mexico | 20.7 | (2.3) |  | 23.0 | (2.2) |  | 29.5 | (2.4) |  | 26.7 | (2.8) |  | 29.9 | (2.8) |  | 27.3 | (2.2) |  | 19.4 | (1.8) |  | 23.4 | (2.0) |  | 0.393\* |
|  Romania | 10.9 | (2.2) |  | 21.1 | (2.6) |  | 51.9 | (3.1) |  | 16.1 | (2.9) |  | 32.0 | (4.5) |  | 17.0 | (3.7) |  | 20.9 | (3.3) |  | 30.1 | (4.5) |  | 0.234\* |
|  South Africa | 6.1 | (1.1) |  | 23.1 | (2.1) |  | 54.7 | (2.4) |  | 16.2 | (2.0) |  | 41.7 | (3.2) |  | 10.2 | (1.3) |  | 11.6 | (1.7) |  | 36.4 | (3.3) |  | 0.329\* |
|  Overall | 14.4 | (0.8) |  | 24.0 | (0.8) |  | 42.3 | (1.1) |  | 19.3 | (0.9) |  | 31.8 | (1.0) |  | 21.1 | (0.8) |  | 19.5 | (0.9) |  | 27.7 | (1.1) |  | 0.313\* |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| III. High income countries |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Belgium | 10.0 | (2.3) |  | 13.1 | (2.8) |  | 49.4 | (5.3) |  | 27.4 | (4.3) |  | 22.5 | (4.6) |  | 25.7 | (3.4) |  | 36.4 | (5.1) |  | 15.4 | (2.6) |  | 0.127\* |
|  France | -- | -- |  | -- | -- |  | -- | -- |  | -- | -- |  | 30.0 | (4.4) |  | 31.5 | (3.7) |  | 24.1 | (2.7) |  | 14.4 | (2.9) |  | -- |
|  Germany | 23.5 | (4.2) |  | 32.1 | (4.8) |  | 39.5 | (6.4) |  | 4.9 | (2.4) |  | 26.1 | (3.9) |  | 28.5 | (4.0) |  | 30.7 | (3.6) |  | 14.8 | (2.6) |  | -0.030 |
|  Israel | 27.4 | (2.1) |  | 40.6 | (2.4) |  | 12.6 | (1.6) |  | 19.4 | (1.9) |  | 32.4 | (2.3) |  | 27.9 | (2.2) |  | 27.9 | (2.1) |  | 11.9 | (1.5) |  | 0.399\* |
|  Italy | 31.9 | (4.3) |  | 17.1 | (2.7) |  | 33.6 | (3.5) |  | 17.4 | (3.4) |  | 22.6 | (3.4) |  | 25.6 | (2.7) |  | 32.8 | (3.8) |  | 19.0 | (4.2) |  | 0.184\* |
|  Japan | 15.4 | (2.4) |  | 29.9 | (3.5) |  | 28.2 | (3.7) |  | 26.5 | (4.1) |  | 31.1 | (3.9) |  | 24.1 | (3.3) |  | 31.1 | (3.5) |  | 13.7 | (2.1) |  | -0.023 |
|  Netherlands | 23.8 | (3.9) |  | 41.4 | (4.5) |  | 9.7 | (1.8) |  | 25.1 | (3.4) |  | 30.8 | (5.6) |  | 25.0 | (3.3) |  | 30.6 | (3.6) |  | 13.5 | (2.5) |  | 0.366\* |
|  New Zealand | 19.7 | (1.1) |  | 22.7 | (1.0) |  | 29.5 | (1.3) |  | 28.1 | (1.4) |  | 26.2 | (1.4) |  | 30.5 | (1.2) |  | 28.2 | (1.3) |  | 15.1 | (1.0) |  | 0.261\* |
|  Northern Ireland | 4.7 | (1.0) |  | 9.5 | (1.6) |  | 70.9 | (2.7) |  | 14.8 | (2.1) |  | 28.6 | (2.8) |  | 25.2 | (2.9) |  | 25.4 | (1.9) |  | 20.9 | (3.0) |  | 0.153\*\* |
|  Poland | 10.9 | (1.6) |  | 3.5 | (1.1) |  | 67.7 | (2.2) |  | 17.9 | (2.0) |  | 41.5 | (2.6) |  | 12.9 | (1.6) |  | 24.1 | (2.0) |  | 21.6 | (2.0) |  | 0.217\*\* |
|  Portugal | 20.9 | (1.6) |  | 33.0 | (2.0) |  | 26.7 | (2.2) |  | 19.5 | (1.7) |  | 31.3 | (2.4) |  | 16.8 | (1.8) |  | 25.5 | (2.7) |  | 26.5 | (2.3) |  | 0.357\*\* |
|  Spain | 22.0 | (3.1) |  | 34.1 | (4.4) |  | 16.8 | (2.7) |  | 27.1 | (4.6) |  | 24.5 | (4.5) |  | 26.0 | (4.6) |  | 30.9 | (3.9) |  | 18.6 | (3.2) |  | 0.219\*\* |
|  Spain-Murcia | 23.0 | (3.3) |  | 35.2 | (4.0) |  | 21.5 | (2.8) |  | 20.3 | (3.8) |  | 31.2 | (4.2) |  | 32.3 | (3.1) |  | 25.0 | (2.8) |  | 11.5 | (2.4) |  | 0.198\*\* |
|  USA | 18.4 | (1.3) |  | 32.9 | (2.3) |  | 29.0 | (1.3) |  | 19.7 | (1.5) |  | 30.3 | (1.7) |  | 25.4 | (1.2) |  | 26.0 | (1.4) |  | 18.3 | (1.4) |  | 0.434\*\* |
|  Overall | 18.0 | (0.5) |  | 25.5 | (0.7) |  | 35.7 | (0.7) |  | 20.7 | (0.6) |  | 29.5 | (0.7) |  | 26.0 | (0.6) |  | 27.3 | (0.7) |  | 17.2 | (0.5) |  | 0.280\*\* |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 17.4 | (0.4) |  | 26.1 | (0.5) |  | 36.6 | (0.6) |  | 19.9 | (0.5) |  | 30.1 | (0.5) |  | 24.8 | (0.5) |  | 24.5 | (0.5) |  | 20.6 | (0.5) |  | 0.295\*\* |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| \*Significant at the .05 level, two-sided test1See the text for a description of the coding rules for the categorical measures of education and income. 2Polychoric correlations3All respondents in the French survey were coded at the mean value of the education distribution across other surveys because education was not assessed in the French survey. |