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| **Appendix 2.Summary of included studies for prevalence** | | | | | | | | | | | | |  |  |  |  |  |  |  |
| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| **Europe, Western** |  |  |  |  |  |  |  |  |  |  |  |
| Aalto-Setala *et al.*, 2001 | Finland | National | 20-24 | 647 | excellent | 1995 | MDD | DSM4/SCAN | Point | Female | 7.80(2.90-12.70) |
|  |  |  |  |  |  |  |  |  |  | Male | 5.40(0.001-11.05) |
| Almqvist *et al.*, 1999 | Finland | National | 8-9 | 5813 | excellent | 1989 | MDD | DSM3R/CDI | Point | Female | 4.70(4.66-4.74) |
|  |  |  |  |  |  |  |  |  |  | Male | 7.80(7.76-7.84) |
| Andrade *et al.*, 2003 | Germany | Community | 14-25 | 3021 | average | 1995 | MDD | DSM4/CIDI | Point | Total | 1.30(0.91-1.69) |
|  | Netherlands | National | 18-64 | 7076 | average | 1996 | MDD | DSM3R/CIDI | Point | Total | 2.70(2.31-3.09) |
| Angst *et al.*, 1990 | Switzerland | Community | 28-28 | 4547 | average | 1988 | MDD + dep NOS | DSM3/SPIKE | 12 months | Female | 18.30(11.09-25.51) |
|  |  |  |  |  |  |  |  |  |  | Male | 7.40(2.44-12.36) |
| Ayuso-Mateos *et al.*, 2001 | Finland | Community | 18-64 | 1950 | average | 2000 | MDD | ICD10/SCAN | Point | Female | 4.99(3.90-11.00) |
|  | Ireland | Community | 18-64 | 472 | average | 2000 | MDD | ICD10/SCAN | Point | Female | 8.01(3.90-43.90) |
|  | Norway | Community | 18-64 | 3050 | average | 2000 | MDD | ICD10/SCAN | Point | Female | 9.52(3.80-23.80) |
|  | Spain | Community | 18-64 | 1250 | average | 2000 | MDD | ICD10/SCAN | Point | Female | 1.80(1.00-3.10) |
|  | United Kingdom | Community | 18-64 | 2140 | average | 2000 | MDD | ICD10/SCAN | Point | Female | 8.14(10.10-39.02) |
|  | Finland | Community | 18-64 | 1950 | average | 2000 | MDD | ICD10/SCAN | Point | Male | 2.91(1.20-6.10) |
|  | Ireland | Community | 18-64 | 472 | average | 2000 | MDD | ICD10/SCAN | Point | Male | 5.58(1.20-13.90) |
|  | Norway | Community | 18-64 | 3050 | average | 2000 | MDD | ICD10/SCAN | Point | Male | 5.17(2.30-8.80) |
|  | Spain | Community | 18-64 | 1250 | average | 2000 | MDD | ICD10/SCAN | Point | Male | 2.00(0.70-5.30) |
|  | United Kingdom | Community | 18-64 | 2140 | average | 2000 | MDD | ICD10/SCAN | Point | Male | 6.83(2.40-10.00) |
| Barry *et al.*, 2009 | Ireland | National | 18-99 | 10364 | average | 2007 | MDD | DSM4/CIDI | 12 months | Female | 8.00(7.00-9.00) |
|  |  |  |  |  |  |  |  | DSM4/CIDI |  | Male | 6.00(4.98-7.02) |
| Beekman *et al.*, 1995 | Netherlands | National | 55-85 | 3056 | average | 1993 | MDD + dep NOS | DSM3/DIS | Point | Female | 17.10(14.41-19.79) |
|  |  |  |  |  |  |  |  |  |  | Male | 12.40(9.97-14.83) |

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| Study | Country | Coverage | Age range | Cohort size | Response rate | Midyear | Depression subtype | Diagnostic criteria/tool | Parameter Type | Sex | Prevalence %  (95% uncertainty) |
| Bracke and Bracke, 1998 | Belgium | National | 16-99 | 8744 | average | 1992 | MDD | RDC/HDL | Point | Female | 8.70(7.45-9.95) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.30(3.40-5.20) |
| Carta *et al.*, 2002 | France | Community | 18-99 | 2260 | average | 1995 | MDD | ICD10/CIDI | Point | Total | 5.90(5.00-7.00) |
|  | Italy | Community | 18-99 | 1040 | average | 1995 | MDD | ICD10/CIDI | Point | Total | 6.50(5.10-8.20) |
| Copeland *et al.*, 1999 | Netherlands | Community | 65-84 | 4051 | excellent | 1993 | MDD | DSM3/GMS | Point | Female | 2.10(1.54-2.66) |
|  | Germany | Community | 70-99 | 516 | poor | 1992 | MDD | DSM3/GMS | Point | Female | 5.80(3.47-8.13) |
|  | Ireland | Community | 65-99 | 936 | excellent | 1993 | MDD | DSM3/GMS | Point | Female | 0.30(0.001-0.74) |
|  | Iceland | National | 85-87 | 800 | excellent | 1983 | MDD | DSM3/GMS | Point | Female | 4.40(3.64-5.16) |
|  | United Kingdom | Community | 65-99 | 654 | excellent | 1994 | MDD | DSM3/GMS | Point | Female | 2.80(1.17-4.43) |
|  | Germany | Community | 85-99 | 358 | excellent | 1992 | MDD | DSM3/GMS | Point | Female | 12.30(8.35-16.25) |
|  | Italy | Community | 65-99 | 202 | excellent | 1991 | MDD | DSM3/GMS | Point | Female | 8.00(3.26-12.74) |
|  | Spain | Community | 65-99 | 1080 | excellent | 1989 | MDD | DSM3/GMS | Point | Female | 5.00(3.22-6.78) |
|  | Netherlands | Community | 65-84 | 4051 | excellent | 1993 | MDD | DSM3/GMS | Point | Male | 1.40(0.81-1.99) |
|  | Germany | Community | 70-99 | 516 | poor | 1992 | MDD | DSM3/GMS | Point | Male | 5.40(1.61-9.19) |
|  | Ireland | Community | 65-99 | 936 | excellent | 1993 | MDD | DSM3/GMS | Point | Male | 1.70(0.23-3.17) |
|  | Iceland | National | 85-87 | 800 | excellent | 1983 | MDD | DSM3/GMS | Point | Male | 2.20(0.49-3.91) |
|  | United Kingdom | Community | 65-99 | 654 | excellent | 1994 | MDD | DSM3/GMS | Point | Male | 3.10(0.99-5.21) |
|  | Germany | Community | 85-99 | 358 | excellent | 1992 | MDD | DSM3/GMS | Point | Male | 5.10(0.001-10.21) |
|  | Italy | Community | 65-99 | 202 | excellent | 1991 | MDD | DSM3/GMS | Point | Male | 1.30(0.001-4.21) |
|  | Spain | Community | 65-99 | 1080 | excellent | 1989 | MDD | DSM3/GMS | Point | Male | 2.80(1.50-4.10) |
| Donnelly, 1995 | United Kingdom | Regional | 11-15 | 887 | average | 1993 | MDD | NS/CDI | Point | Total | 12.00(8.90-15.10) |
| Faravelli *et al.*, 1990 | Italy | Community | 15-99 | 1000 | excellent | 1987 | MDD + dep NOS | DSM3/Clinical IV | 12 months | Female | 14.34(10.04-18.64) |
|  |  |  |  |  |  |  |  |  |  | Male | 7.35(3.91-10.79) |
|  |  |  |  |  |  |  |  |  | Point | Female | 5.96(3.06-8.86) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.60(0.50-4.70) |

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| Study | Country | Coverage | Age range | Cohort size | Response rate | Midyear | Depression subtype | Diagnostic criteria/tool | Parameter Type | Sex | Prevalence %  (95% uncertainty) |
| Frojd *et al.*, 2007 | Finland | Community | 15-16 | 3278 | excellent | 2003 | MDD | NS/CDI | Point | Total | 9.00(7.58-10.72) |
| Frojd *et al.*, 2007 |  |  | 17-18 | 2070 | average | 2005 |  | NS/CDI |  |  | 9.00(7.00-10.78) |
| Goodwin *et al.*, 2007 | France | Regional | 65-99 | 7869 | average | 2000 | MDD | DSM4/MINI | Point | Female | 2.30(1.68-2.92) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.70(0.28-1.12) |
| Green *et al.*, 2005 | United Kingdom | National | 5-16 | 7977 | average | 2004 | MDD | ICD10/DAWBA | Point | Female | 1.10(0.62-1.58) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.60(0.26-0.94) |
| Jenkins *et al.*, 1997 | United Kingdom | National | 16-65 | 9792 | average | 1993 | MDD | ICD10/CIS-R | Point | Female | 2.70(2.30-3.10) |
|  |  |  |  |  |  |  |  |  |  | Male | 1.80(1.40-2.20) |
| Jylha *et al.*, 2006 | Finland | Community | 20-70 | 441 | poor | 2003 | MDD | NS/BDI | Point | Total | 21.60(16.03-27.17) |
| Kirby *et al.*, 1997 | Ireland | Community | 65-99 | 1232 | excellent | 1995 | MDD | DSM3/GMS | Point | Female | 0.50(0.001-1.21) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.90(0.001-2.19) |
| Kringlen *et al.*, 2001 | Norway | National | 18-65 | 2066 | poor | 1996 | MDD | DSM3R/CIDI | 12 months | Female | 9.70(7.94-11.46) |
|  |  |  |  | 2066 | poor |  |  |  |  | Male | 4.10(2.92-5.28) |
| Lepine *et al.*, 1997 | Belgium | National | 18-99 | 8076 | excellent | 1995 | MDD + dep NOS | DSM3R/MINI | Point | Female | 7.90(6.70-9.10) |
|  | France | National | 15-99 | 14517 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Female | 13.70(12.56-14.84) |
|  | Germany | National | 14-99 | 16184 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Female | 6.60(5.83-7.37) |
|  | Netherlands | National | 16-99 | 7811 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Female | 12.30(10.74-13.86) |
|  | Spain | National | 15-99 | 16132 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Female | 9.80(8.86-10.74) |
|  | United Kingdom | National | 16-99 | 15743 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Female | 12.70(11.68-13.72) |
|  | Belgium | National | 18-99 | 8076 | excellent | 1995 | MDD + dep NOS | DSM3R/MINI | Point | Male | 5.10(4.12-6.08) |
|  | France | National | 15-99 | 14517 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Male | 7.70(6.81-8.59) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| Lepine *et al.*, 1997 | Germany | National | 14-99 | 16184 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Male | 4.60(3.93-5.27) |
|  | Netherlands | National | 16-99 | 7811 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Male | 7.80(6.63-8.97) |
|  | Spain | National | 15-99 | 16132 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Male | 5.60(4.87-6.33) |
|  | United Kingdom | National | 16-99 | 15743 | excellent | 1995 | MDD + dep NOS | DSM/MINI | Point | Male | 10.30(9.28-11.32) |
| Levav *et al.*, 1993 | Israel | National | 24-33 | 4914 | excellent | 1985 | MDD + dep NOS | RDC/SADS | Point | Female | 5.18(2.97-7.39) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.55(1.69-7.41) |
|  |  |  |  |  |  |  |  |  | 12 months | Total | 6.15(4.34-7.96) |
| Meltzer *et al.*, 2000 | United Kingdom | National | 5-15 | 10438 | excellent | 1999 | MDD | ICD10/DAWBA | Point | Female | 0.70(0.37-1.03) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.60(0.30-0.90) |
| Oldehinkel *et al.*, 1999 | Germany | Community | 14-17 | 1395 | excellent | 1996 | MDD | DSM4/CIDI | 12 months | Female | 4.50(2.74-6.26) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.40(1.03-3.77) |
| Pahkala *et al.*, 1995 | Finland | Community | 65-99 | 1022 | excellent | 1990 | MDD | DSM3R/Clinical IV | Point | Female | 2.20(0.53-3.87) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.00(0.001-4.00) |
| Pirkola *et al.*, 2005 | Finland | National | 30-99 | 6005 | excellent | 2001 | MDD | DSM4/CIDI | 12 months | Female | 6.30(5.09-7.51) |
|  |  |  |  |  |  |  |  |  |  | Male | 3.40(2.42-4.38) |
| Ponizovsky and Grinshpoon, 2009 | Israel | National | 21-99 | 4858 | average | 2004 | MDD | DSM4/CIDI | 12 months | Total | 5.76(4.81-6.71) |
| Ritchie *et al.*, 2004 | France | Community | 65-99 | 1863 | excellent | 2000 | MDD | DSM4/MINI | Point | Female | 4.00(2.90-5.20) |
|  |  |  |  |  |  |  |  |  |  | Male | 1.80(0.90-2.80) |
| Saunders *et al.*, 1993 | United Kingdom | Community | 65-99 | 5222 | excellent | 1990 | MDD | DSM3/GMS | Point | Female | 3.14(0.55-5.73) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.55(0.85-4.24) |
| Simon *et al.*, 2002 | France | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 13.50(10.90-16.00) |
|  | Germany | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 5.30(3.90-6.70) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| Simon *et al.*, 2002 | Germany | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 9.90(6.60-13.10) |
|  | Greece | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 7.30(4.60-9.90) |
|  | Italy | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 4.60(2.90-6.30) |
|  | Netherlands | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 14.40(11.30-17.60) |
|  | United Kingdom | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 17.10(14.40-19.80) |
| Singleton *et al.*, 2001 | United Kingdom | National | 16-74 | 8580 | average | 2000 | MDD | ICD10/CIS-R | Point | Female | 2.80(2.08-3.52) |
|  | United Kingdom | National | 16-74 | 8580 | average | 2000 | MDD | ICD10/CIS-R | Point | Male | 2.30(1.65-2.95) |
| Stefansson *et al.*, 1994 | Iceland | National | 55-57 | 862 | average | 1988 | MDD + dep NOS | DSM3/DIS | 12 months | Female | 6.90(3.39-10.41) |
|  |  |  |  |  |  |  |  |  |  | Male | 3.60(1.08-6.12) |
|  |  |  |  |  |  |  |  |  | Point | Female | 5.10(2.05-8.15) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.10(0.16-4.04) |
| Verhulst *et al.*, 1997 | Netherlands | National | 13-18 | 2227 | average | 1995 | MDD | DSM3R/DISC | Point | Total | 0.40(0.001-0.99) |
| Weissman *et al.*, 1996 | France | Community | 18-64 | 1746 | average | 1988 | MDD | DSM3/CIDI | 12 months | Total | 4.50(3.23-5.77) |
|  | Germany | Community | 24-64 | 481 | average | 1981 | MDD | DSM3/CIDI | 12 months | Total | 5.00(2.79-7.21) |
| **Europe, Central/Eastern** |  |  |  |  |  |  |  |  |  |  |  |
| Aluoja *et al.*, 2004 | Estonia | National | 15-79 | 4677 | average | 1997 | MDD | ICD10/EST-Q | Point | Female | 14.90(11.37-18.43) |
|  |  |  |  |  |  |  |  |  |  | Male | 6.70(0.001-19.83) |
| Bromet *et al.*, 2005 | Ukraine | National | 18-99 | 4725 | average | 2002 | MDD | DSM4/CIDI | 12 months | Female | 11.34(9.71-12.97) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.87(3.93-5.81) |
|  |  |  |  |  |  |  |  |  | Point | Female | 6.60(5.33-7.87) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.61(1.94-3.28) |
| Pakriev *et al.*, 1998 | Russian Federation | Community | 18-65 | 855 | excellent | 1995 | MDD | ICD10/CIDI | 12 months | Female | 35.40(19.08-51.72) |
|  |  |  |  |  |  |  |  |  |  | Male | 14.50(2.09-26.91) |
| Andrade *et al.*, 2003 | Czech Republic | National | 18-79 | 1534 | average | 1999 | MDD | DSM4/CIDI | Point | Total | 1.00(0.41-1.59) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| Basoglu *et al.*, 2005 | Croatia | Community | 18-65 | 256 | excellent | 2001 | MDD | DSM4/SCID | 12 months | Total | 11.00(5.45-16.55) |
|  |  |  |  |  |  |  |  |  | Point | Total | 10.00(4.67-15.33) |
| Szadoczky *et al.*, 1998 | Hungary | National | 18-64 | 2953 | excellent | 1996 | MDD | DSM3R/DIS | 12 months | Female | 9.02(5.30-11.80) |
|  |  |  |  |  |  |  |  |  |  | Male | 5.79(2.50-8.10) |
|  |  |  |  |  |  |  |  |  | Point | Female | 3.15(1.40-5.70) |
|  |  |  |  |  |  |  |  |  |  | Male | 1.68(0.50-4.40) |
| **Australasia** |  |  |  |  |  |  |  |  |  |  |  |
| Australian Bureau of Statistics, 2007 | Australia | National | 16-85 | 8800 | excellent | 2007 | MDD | ICD10/CIDI | 12 months | Female | 5.2(4.28-5.92) |
|  |  |  |  |  |  |  |  |  |  | Male | 3.10(2.27-3.93) |
| Feehan *et al.*, 1994 | New Zealand | Community | 17-19 | 930 | excellent | 1991 | MDD | DSM3/DISC | 12 months | Total | 13.30(11.10-15.90) |
|  |  |  |  |  |  |  |  |  | Point | Total | 3.40(2.30-4.80) |
| Fergusson *et al.*, 1993 | New Zealand | Community | 15-15 | 986 | average | 1992 | MDD | DSM3R/DISC | 12 months | Total | 2.20(1.30-3.10) |
|  |  |  |  |  |  |  |  |  | Point | Total | 0.50(0.10-0.90) |
| Hawthorne *et al.*, 2008 | Australia | Regional | 15-69 | 3010 | average | 1998 | MDD | DSM4/PRIME-MD | Point | Female | 8.35(6.18-10.52) |
|  |  |  |  |  |  |  |  |  |  | Male | 5.56(3.77-7.35) |
| Hawthorne *et al.*, 2008 |  |  |  | 3015 |  | 2004 |  |  |  | Female | 10.92(8.46-13.37) |
|  |  |  |  |  |  |  |  |  |  | Male | 5.81(3.97-7.65) |
| Kashani *et al.*, 1983 | New Zealand | Community | 9-9 | 641 | excellent | 1982 | MDD | DSM3/K-SADS | 12 months | Total | 1.10(0.001-2.80) |
|  |  |  |  |  |  |  |  |  | Point | Total | 1.80(0.001-3.60) |
| McGee *et al.*, 1990 | New Zealand | Community | 15-15 | 943 | excellent | 1988 | MDD | DSM3/DISC | 12 months | Total | 1.90(1.00-2.80) |
|  |  |  |  |  |  |  |  |  | Point | Total | 1.20(0.50-1.90) |
| Sawyer *et al.*, 2007 | Australia | National | 13-17 | 1490 | average | 1997 | MDD | DSM4/DISC | 12 months | Female | 4.40(2.29-6.51) |
|  |  |  |  |  |  |  |  |  |  | Male | 3.70(1.72-5.68) |
| Wells *et al.*, 2006 | New Zealand | National | 16-99 | 7435 | average | 2004 | MDD | DSM4/CIDI | 12 months | Female | 7.10(6.30-7.80) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.20(3.50-5.00) |
| Wilhelm *et al.*, 2003 | Australia | National | 18-75 | 10641 | average | 1997 | MDD | ICD10/CIDI | Point | Female | 4.20(3.61-4.79) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| **North America** |  |  |  |  |  |  |  |  |  |  |  |
| Andrade *et al.*, 2003 | Canada | Regional | 18-99 | 6902 | excellent | 1991 | MDD | DSM4/CIDI | Point | Total | 1.90(1.31-2.49) |
| Bland *et al.*, 1988 | Canada | Regional | 18-99 | 3258 | average | 1985 | MDD | DSM3/DIS | Point | Female | 3.90(2.92-4.88) |
|  |  |  |  |  |  |  |  |  | Point | Male | 2.50(1.72-3.28) |
|  |  |  |  |  |  |  |  |  | 12 months | Female | 5.90(4.72-7.08) |
|  |  |  |  |  |  |  |  |  | 12 months | Male | 3.40(2.42-4.38) |
| Blazer *et al.*, 1994 | United States of America | National | 15-54 | 8098 | excellent | 1991 | MDD | DSM3R/CIDI | Point | Female | 5.90(4.72-7.08) |
|  |  |  |  |  |  |  |  |  |  | Male | 3.80(2.82-4.78) |
| Cohen *et al.*, 1993 | United States of America | Regional | 10-20 | 776 | average | 1985 | MDD | DSM3R/DISC | Point | Female | 4.29(2.53-6.05) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.00(0.43-3.57) |
| Costello *et al.*, 1996 | United States of America | Regional | 9-13 | 4500 | excellent | 1994 | MDD | DSM3R/CAPA | Point | Total | 1.11(0.67-1.55) |
| Fleming *et al.*, 1989 | Canada | Regional | 6-16 | 2852 | excellent | 1983 | MDD | DSM3/CBCL | Point | Female | 1.42(0.59-2.24) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.96(0.001-1.95) |
| Garrison *et al.*, 1992 | United States of America | Community | 12-14 | 3283 | excellent | 1987 | MDD | DSM3/K-SADS | 12 months | Female | 3.22(1.99-4.46) |
|  |  |  |  |  |  |  |  |  |  | Male | 1.59(0.71-2.47) |
| Gum *et al.*, 2009 | United States of America | National | 18-99 | 9282 | average | 2002 | MDD | DSM4/CIDI | 12 months | Female | 8.50(7.72-9.28) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.70(4.11-5.29) |
| Kessler and Walters, 1998 | United States of America | National | 15-24 | 1769 | excellent | 1991 | MDD | DSM3R/CIDI | 12 months | Female | 22.44(17.26-27.62) |
|  |  |  |  |  |  |  |  |  |  | Male | 12.81(8.67-16.95) |
|  |  |  |  |  |  |  |  |  | Point | Female | 8.54(5.33-11.75) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.75(2.28-7.21) |

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| **Study** | | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| Kessler *et al.*, 1993 | | United States of America | National | 25-54 | 8098 | excellent | 1991 | MDD + dep NOS | DSM3R/CIDI | 12 months | Female | 11.81(9.26-14.36) |
|  | |  |  |  |  |  |  |  |  |  | Male | 6.78(4.43-9.13) |
| Lewinsohn *et al.*, 1993 | | United States of America | Regional | 14-18 | 1710 | average | 1988 | MDD | DSM3R/K-SADS | Point | Female | 3.37(2.19-4.55) |
|  | |  |  |  |  |  |  |  |  |  | Male | 1.71(0.83-2.59) |
|  | |  |  | 15-19 | 1508 | average | 1989 | MDD | DSM3R/SADS-LIFE | Point | Female | 3.58(2.31-4.85) |
|  | |  |  |  |  |  |  |  |  |  | Male | 2.80(1.62-3.98) |
| Mojtabai and Olfson, 2004 | | United States of America | National | 50-99 | 9747 | excellent | 1996 | MDD | DSM3R/CIDI | 12 months | Female | 8.50(7.80-9.30) |
|  | |  |  |  |  |  |  |  |  |  | Male | 4.10(3.50-4.70) |
| Newman *et al.*, 1998 | | Canada | Regional | 65-99 | 1119 | excellent | 1996 | MDD | DSM3/GMS | Point | Female | 14.10(11.16-17.04) |
|  | |  |  |  |  |  |  |  |  |  | Male | 7.30(4.56-10.04) |
|  | |  |  |  |  |  | 1994 | MDD | DSM4/GMS | Point | Total | 0.86(0.27-1.45) |
| Offord *et al.*, 1996 | | Canada | Regional | 15-64 | 8115 | average | 1994 | MDD | DSM3R/CIDI | 12 months | Female | 5.40(4.42-6.38) |
|  | |  |  |  |  |  |  |  |  |  | Male | 2.80(2.02-3.58) |
| Patten, 2001 | | Canada | National | 12-99 | 70538 | average | 1997 | MDD | DSM4/CIDI | 12 months | Female | 5.24(5.40-8.00) |
|  | |  |  |  |  |  |  |  |  |  | Male | 2.77(1.90-3.20) |
| Patten *et al.*, 2003 | | Canada | Regional | 18-99 | 501 | average | 2000 | MDD | DSM4/CIDI | 12 months | Female | 13.20(9.10-17.30) |
|  | |  |  |  |  |  |  |  |  |  | Male | 7.40(4.20-10.60) |
| Regier *et al.*, 1988 | | United States of America | Regional | 18-99 | 18571 | average | 1982 | MDD | DSM3/DIS | Point | Female | 2.90(2.51-3.29) |
|  | |  |  |  |  |  |  |  |  |  | Male | 1.60(1.21-1.99) |
| Simon *et al.*, 2002 | | United States of America | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 6.40(4.60-8.20) |
| **South America** |  |  |  |  |  |  |  |  |  |  |  |
| Andrade *et al.*, 2003 | Mexico | Community | 18-54 | 1734 | average | 1995 | MDD | DSM3R/CIDI | Point | Total | 2.20(1.02-3.38) |
| Benjet *et al.*, 2009 | Mexico | Community | 12-17 | 3005 | average | 2005 | MDD | DSM4/CIDI | 12 months | Total | 4.80(3.90-5.70) |
| Kohn *et al.*, 2005 | Honduras | Community | 15-99 | 800 | excellent | 1999 | MDD | DSM4/Sx Scale | Point | Total | 18.09(14.22-21.96) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| Medina-Mora *et al.*, 2005 | Mexico | National | 18-65 | 5826 | average | 2002 | MDD | DSM4/CIDI | 12 months | Total | 3.70(3.11-4.29) |
| Slone *et al.*, 2006 | Mexico | Regional | 18-92 | 2509 | average | 2000 | MDD | DSM4/CIDI | 12 months | Female | 7.60(6.20-9.00) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.30(3.10-5.50) |
|  |  |  |  |  |  |  |  |  | Point | Female | 5.70(4.50-6.90) |
|  |  |  |  |  |  |  |  |  |  | Male | 3.30(2.20-4.40) |
| Andrade *et al.*, 2003 | Chile | Regional | 15-99 | 2978 | excellent | 1996 | MDD | DSM3R/CIDI | Point | Total | 3.30(2.52-4.08) |
| Araya *et al.*, 2001 | Chile | Community | 16-64 | 3870 | excellent | 1997 | MDD | ICD10/CIS-R | Point | Female | 8.00(6.50-9.80) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.70(1.40-5.10) |
| Simon *et al.*, 2002 | Chile | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 26.30(16.90-35.80) |
| Andrade *et al.*, 2002 | Brazil | Community | 18-99 | 1464 | average | 1995 | MDD | ICD10/CIDI | 12 months | Female | 9.20(7.04-11.36) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.30(2.54-6.06) |
|  |  |  |  |  |  |  |  |  | Point | Female | 5.40(4.22-6.58) |
|  |  |  |  |  |  |  |  |  |  | Male | 3.20(1.44-4.96) |
| Costa *et al.*, 2007 | Brazil | Community | 75-99 | 392 | excellent | 1999 | MDD | ICD10/SCAN | Point | Female | 18.80(12.20-28.00) |
|  |  |  |  |  |  |  |  |  |  | Male | 7.90(3.10-18.50) |
| Fleitlich-Bilyk and Goodman, 2004 | Brazil | Community | 7-14 | 1251 | excellent | 2001 | MDD | DSM4/DAWBA | Point | Total | 1.00(0.20-1.90) |
| Simon *et al.*, 2002 | Brazil | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 18.30(14.20-22.30) |
| Canino *et al.*, 1987 | Puerto Rico | National | 18-64 | 1513 | excellent | 1984 | MDD | DSM3/DIS | Point | Female | 3.30(2.12-4.48) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.40(1.22-3.58) |
| Canino *et al.*, 2004 | Puerto Rico | National | 4-17 | 1897 | excellent | 2000 | MDD | DSM4/DISC | 12 months | Total | 3.00(2.00-4.50) |
| Maharaj *et al.*, 2008 | Trinidad and Tobago | Community | 13-19 | 1290 | excellent | 2003 | MDD | DSM4/BDI | Point | Female | 29.70(24.96-34.44) |
|  |  |  |  |  |  |  |  |  |  | Male | 19.40(14.55-24.25) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| **Africa/Middle East** |  |  |  |  |  |  |  |  |  |  |  |
| Afifi *et al.*, 2006 | Oman | National | 14-20 | 5409 | excellent | 2004 | MDD | NS/CDI | Point | Female | 19.40(17.22-21.58) |
|  |  |  |  |  |  |  |  |  |  | Male | 14.70(12.78-16.62) |
| Alhasnawi *et al.*, 2009 | Iraq | National | 18-99 | 4332 | excellent | 2007 | MDD | DSM4/CIDI | 12 months | Total | 3.90(3.12-4.68) |
| Al-Jawadi and Abdul-Rhman, 2007 | Iraq | Community | 1-15 | 3079 | excellent | 2004 | MDD | DSM4/Dx IV | Point | Female | 1.90(0.86-2.94) |
|  |  |  |  |  |  |  |  |  |  | Male | 1.20(0.45-1.95) |
| Andrade *et al.*, 2003 | Turkey | National | 18-54 | 6095 | average | 1996 | MDD | DSM3R/CIDI | Point | Total | 3.10(2.32-3.88) |
| Bostanci *et al.*, 2005 | Turkey | Community | 16-99 | 504 | excellent | 2000 | MDD | NS/BDI | 12 months | Female | 23.60(15.24-31.96) |
|  |  |  |  |  |  |  |  |  |  | Male | 28.00(20.59-35.41) |
| Ghanem *et al.*, 2009 | Egypt | National | 18-65 | 14640 | excellent | 2003 | MDD + dep NOS | DSM4/MINI | Point | Total | 5.22(4.70-5.74) |
| Karam *et al.*, 2006 | Lebanon | National | 18-99 | 2857 | average | 2003 | MDD | DSM4/CIDI | 12 months | Total | 4.90(3.53-6.27) |
| Simon *et al.*, 2002 | Turkey | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 10.70(7.70-13.70) |
| Bolton *et al.*, 2002 | Rwanda | Community | 18-85 | 368 | excellent | 1999 | MDD | DSM4/HSCL | Point | Female | 17.70(12.90-22.50) |
|  |  |  |  |  |  |  |  |  |  | Male | 11.20(5.70-16.70) |
| Bolton *et al.*, 2004 | Uganda | Community | 18-99 | 368 | excellent | 2000 | MDD | DSM4/HSCL | Point | Female | 21.40(17.10-25.40) |
|  |  |  |  |  |  |  |  |  |  | Male | 20.20(14.90-25.40) |
| Kebede and Alem, 1999 | Ethiopia | Community | 15-99 | 10203 | average | 1994 | MDD | ICD10/CIDI | Point | Female | 3.40(1.39-5.41) |
|  |  |  |  |  |  |  |  |  |  | Male | 1.40(0.19-2.61) |
| Ovuga *et al.*, 2005 | Uganda | Community | 18-84 | 939 | excellent | 2003 | MDD | NS/BDI | Point | Female | 24.50(17.56-31.44) |
|  |  |  |  |  |  |  |  |  |  | Male | 13.90(9.98-17.82) |
| Roberts *et al.*, 2009 | Sudan | Community | 18-99 | 1242 | excellent | 2007 | MDD | DSM/HSCL | Point | Female | 58.73(55.19-62.18) |
|  |  |  |  |  |  |  |  |  |  | Male | 40.85(36.69-45.14) |
| Shaaban and Baashar, 2003 | Sudan | Community | 12-19 | 1107 | excellent | 2005 | MDD + dep NOS | DSM4/PSE | Point | Female | 12.90(10.04-15.76) |
| Bhagwanjee *et al.*, 1998 | South Africa | Community | 18-99 | 354 | excellent | 1996 | MDD | DSM4/Clinical IV | Point | Total | 4.80(1.57-8.03) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| Hollifield *et al.*, 1990 | Lesotho | Community | 19-93 | 356 | average | 1987 | MDD | DSM3/DIS | Point | Female | 14.50(7.76-21.24) |
|  |  |  |  |  |  |  |  |  |  | Male | 8.80(1.90-15.70) |
| Adewuya *et al.*, 2006 | Nigeria | Community | 15-41 | 1206 | excellent | 2004 | MDD | DSM4/MINI | 12 months | Total | 2.70(1.37-4.03) |
| Adewuya and Ologun, 2006 | Nigeria | Community | 13-18 | 1095 | average |  |  | NS/BDI | Point | Total | 9.00(6.54-11.46) |
| Amoran *et al.*, 2007 | Nigeria | Regional | 15-99 | 1105 | excellent | 2004 | MDD | DSM4/SCID | Point | Female | 5.70(3.19-8.21) |
|  |  |  |  |  |  |  |  |  |  | Male | 4.80(1.82-7.78) |
| Coleman,2006 | Gambia | Regional | 15-54 | 1348 | average | 1999 | MDD | ICD10/PSE | Point | Female | 10.30(8.30-12.70) |
| Gureje,2006 | Nigeria | National | 18-99 | 1090 | average | 2001 | MDD | DSM4/CIDI | 12 months | Total | 1.00(0.80-1.20) |
| Simon *et al.*, 2002 | Nigeria | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 4.00(2.60-5.50) |
| Uwakwe, 2000 | Nigeria | Community | 60-99 | 164 | excellent | 1995 | MDD | DSM3/GMS | Point | Female | 21.80(5.99-37.61) |
|  |  |  |  | 164 | excellent |  |  | DSM3/GMS |  | Male | 16.50(6.40-26.60) |
| **Asia, East/Southeast** |  |  |  |  |  |  |  |  |  |  |  |
| Chen *et al.*, 2004 | China | Community | 65-99 | 1736 | excellent | 2001 | MDD | DSM3/GMS | Point | Female | 2.18(1.34-3.34) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.33(1.41-3.61) |
| Chong *et al.*, 2001 | Taiwan | Regional | 65-99 | 1350 | excellent | 1997 | MDD | DSM3/GMS | Point | Total | 5.90(4.70-7.30) |
| Hwu *et al.*, 1996 | Taiwan | National | 18-99 | 11004 | excellent | 1984 | MDD | DSM3/DIS | 12 months | Female | 1.30(0.86-1.74) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.60(0.31-0.89) |
| Keqing *et al.*, 2008 | China | Regional | 18-95 | 20716 | excellent | 2005 | MDD | DSM4/SCID | Point | Female | 3.15(2.82-3.48) |
|  |  |  |  |  |  |  |  |  |  | Male | 2.25(1.96-2.53) |
| Lu *et al.*, 2008 | China | Regional | 15-99 | 5033 | excellent | 2006 | MDD | DSM4/CIDI | 12 months | Female | 1.47(1.01-1.93) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.75(0.41-1.09) |
|  |  |  |  |  |  |  |  |  | Point | Female | 1.13(0.72-1.54) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.62(0.31-0.93) |
| Phillips *et al.*, 2009 | China | Regional | 18-99 | 63004 | excellent | 2003 | MDD | DSM4/SCID | Point | Female | 2.6(2.28-2.97) |
|  |  |  |  |  |  |  |  |  |  | Male | 1.55(1.29-1.85) |
| Shen *et al.*, 2006 | China | Regional | 18-70 | 5201 | average | 2002 | MDD | DSM4/CIDI | 12 months | Total | 2(1.412-2.588) |
| Simon *et al.*, 2002 | China | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 2.50(1.60-3.40) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| Yang *et al.*, 2004 | Taiwan | Community | 12-16 | 2440 | excellent | 1999 | MDD | DSM4/K-SADS | Point | Female | 4.30(0-10.50) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.50(0-1.40) |
| Vietnamese survey data, 2006 (personal correspondence from Prof Theo Vos) | Vietnam | National | 0-99 | 78290 | average | 2006 | MDD | ICD10/MINI | 12 months | Female | 3.68(3.41-3.95) |
|  |  |  |  |  |  |  |  |  |  | Male | 1.22(1.06-1.38) |
| **Asia, South** |  |  |  |  |  |  |  |  |  |  |  |
| Lopes Cardozo *et al.*, 2005 | Afghanistan | National | 15-99 | 699 | excellent | 2002 | MDD | DSM4/HSCL | Point | Female | 73.00(57.03-88.97) |
|  |  |  |  |  |  |  |  |  |  | Male | 59(48.04-69.96) |
| Nisar *et al.*, 2004 | Pakistan | Community | 18-99 | 1200 | excellent | 2000 | MDD | ICD10/MINI | Point | Female | 7.50(5.34-9.66) |
| Scholte *et al.*, 2004 | Afghanistan | Regional | 15-99 | 1011 | average | 2003 | MDD | DSM4/HSCL | Point | Female | 58.4(54.2-62.6) |
|  |  |  |  |  |  |  |  |  |  | Male | 16.1(12.8-19.4) |
| Simon *et al.*, 2002 | India | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 8.60(6.10-11.1) |
| Srinath *et al.*, 2005 | India | Community | 4-16 | 2064 | excellent | 1998 | MDD | ICD10/DISC | Point | Total | 0.10(0.001-0.33) |
| Subedi *et al.*, 2004 | Nepal | Community | 50-99 | 653 | excellent | 1997 | MDD | DSM3R/Sx Scale | Point | Female | 5.1(0.001-11.38) |
|  |  |  |  |  |  |  |  |  |  | Male | 3.60(0.001-9.41) |
| **Asia Pacific, High Income** |  |  |  |  |  |  |  |  |  |  |  |
| Cho *et al.*, 2007 | Korea | Regional | 18-64 | 6275 | average | 2001 | MDD | DSM4/CIDI | 12 months | Female | 2.50(1.72-3.28) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.80(0.21-1.39) |
| Fones *et al.*, 1998 | Singapore | Regional | 13-65 | 3020 | average | 1996 | MDD | ICD10/CIDI | 12 months | Total | 5.50(4.32-6.68) |
| Ihara *et al.*, 1998 | Japan | Community | 65-99 | 1965 | excellent | 1993 | MDD + dep NOS | DSM3R/SCID | Point | Female | 4.00(2.03-5.97) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.05(0.001-0.32) |
| Kawakami *et al.*, 2004 | Japan | Community | 20-99 | 1029 | poor | 1998 | MDD | DSM3R/CIDI | Point | Female | 1.40(0.01-2.79) |
|  |  |  |  |  |  |  |  |  |  | Male | 0.90(0.001-2.16) |

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| **Study** | **Country** | **Coverage** | **Age range** | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Parameter Type** | **Sex** | **Prevalence %**  **(95% uncertainty)** |
| Kawakami *et al.*, 2005 | Japan | Regional | 20-99 | 1664 | poor | 2003 | MDD | DSM4/CIDI | 12 months | Total | 2.90(2.10-3.70) |
| Nakao *et al.*, 2006 | Japan | Community | 20-65 | 1066 | excellent | 2004 | MDD + dep NOS | DSM4/HAM-D | Point | Total | 11.50(8.72-14.28) |
| Simon *et al.*, 2002 | Japan | Community | 18-64 | 5447 | average | 2002 | MDD | DSM4/CIDI | Point | Total | 1.60(0.70-2.50) |
| Weissman *et al.*, 1996 | Korea | Regional | 18-64 | 5100 | average | 1984 | MDD | DSM3/CIDI | 12 months | Total | 2.30(1.87-2.73) |
|  |  |  |  |  |  |  |  |  |  |  |  |

NB. MDD: Major depressive disorder; dep NOS: depression not otherwise specified; DSM: Diagnostic and statistical manual of mental disorders; ICD: International Clarification of Diseases; Clinical IV: Clinical interview; DIS: Diagnostic Interview Schedule; GMS: Geriatric Mental State Schedule; SADS: Schedule for Affective Disorders and Schizophrenia; MINI: MiniInternational Neuropsychiatric Interview; SCID: Structured Clinical Interview for DSM Disorders; BDI: Beck’s depression inventory: CAPA: The child and Adolescent Psychiatric Assessment; CBCL: Child Behaviour Checklist; CDI: Children’s Depression Inventory; CIDI: Composite International Diagnostic Interview; CIS-R: Revised clinical interview schedule; DAWBA: Development and Wellbeing Assessment; EST-Q: Emotional State Questionnaire, HAM-D: Hamilton Depression Rating Scale; HDL; Modified version of the global depression scale of the Health and Daily living Form; HSCL: Hopkins Symptoms Check List; PRIME-MD: Primary Care Evaluation of Mental Disorders; PSE:Present State Examination; SCAN: Schedule for Clinical Assessment in Neuropsychiatry; SPIKE: Semi-structured diagnostic instrument; Sx Scales: other symptom scales

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| **Summary of included studies for incidence** | | | |  | | | | | | | | | |  |  |  |  |  |  |  |
| **Study** | **Country** | **Coverage** | **Age range** | | **Cohort size** | **Response rate** | **Midyear** | **Depression subtype** | **Diagnostic criteria/tool** | **Sex** | **Annual incidence % (Standard error)** |  |
| North America |  |  |  | |  |  |  |  |  |  |  |  |
| Patten, 2001 | Canada | National | 12-99 | | 70538 | average | 1997 | MDD | DSM4/CIDI | Male | 2.46 (0.04) |  |
|  |  |  |  | |  |  |  |  |  | Female | 3.50 (0.04) |  |
| Eaton *et al.*, 1989 | USA | Regional | 18-99 | | 10861 | average | 1985 | MDD | DSM3/DIS | Male | 1.98(0.22) |  |
|  |  |  |  | |  |  |  |  |  | Female | 1.59(0.57) |  |
| Lewinsohn *et al.*, 1993 | USA | Regional | 15-19 | | 1508 | average | 1997 | MDD | DSM3R/SADS | Male | 4.53(0.82) |  |
| Africa |  |  |  | |  |  |  |  |  | Female | 7.14(1.05) |  |
| Mogga *et al.*, 2006 | Ethiopia | Regional | 18-52 | | 423 | average | 2000 | MDD | DSM4/CIDI | Total | 2.40(1.53) |  |
|  |  |  |  | |  |  |  |  |  |  |  |  |

NB. MDD: Major depressive disorder; dep NOS: depression not otherwise specified; DSM: Diagnostic and statistical manual of mental disorders; DIS: Diagnostic Interview Schedule; SADS: Schedule for Affective Disorders and Schizophrenia; CIDI: Composite International Diagnostic Interview

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