Supporting information for:

**Global Burden of Metabolic Dysfunction-Associated Liver Disease, 2010 to 2021**

**Authors**: Gong Feng1,2, Giovanni Targher3,4, Christopher D. Byrne5, Yusuf Yilmaz6,7, Vincent Wai-Sun Wong8, Cosmas Rinaldi Adithya Lesmana9,10,11, Leon A. Adams12,13, Jerome Boursier14,15, Georgios Papatheodoridis16, Mohamed El-Kassas17,18, Nahum Méndez-Sánchez19,20, Silvia Sookoian21,22,23, Laurent Castera24, Wah-Kheong Chan25, Feng Ye2, Sombat Treeprasertsuk26, Helena Cortez-Pinto27, Hon Ho Yu28, Won Kim29,30, Manuel Romero-Gomez31, Atsushi Nakajima32, Khin Maung Win33, Seung Up Kim34, Adriaan G. Holleboom35, Giada Sebastiani36, Ponsiano Ocama37, John D. Ryan38, Monica Lupșor-Platon39, Hasmik Ghazinyan40, Mamun Al-Mahtab41, Saeed Hamid42, Nilanka Perera43, Khalid Alswat44, Qiuwei Pan45, Michelle T Long46, Vasily Isakov47, Man Mi1, Marco Arrese48, Arun Sanyal49, Shiv Kumar Sarin50, Nathalie Carvalho Leite51, Luca Valenti52,53, Philip N Newsome54, Hannes Hagström55,56, Salvatore Petta57, Hannele Yki-Jarvinen58,59, Jörn M. Schattenberg60, Marlen I. Castellanos Fernández61, Isabelle Leclercq62, Gulnara Aghayeva63, Abdel-Naser Elzouki64,65,66, Ali Tumi67, Ala I. Sharara68, Asma Labidi69, Faisal M. Sanai70, Khaled Matar71, Maen Al-Mattooq72, Maisam Waid Akroush73, Mustapha Benazzouz74, Nabil Debzi75, Maryam Alkhatry76, Salma Barakat77, Said A. Al-Busafi78, John Rwegasha79, Wah Yang80, Agyei Adwoa81,82, Christopher Kenneth Opio83, Mohammadjavad Sotoudeheian84,85, Yu Jun Wong86,87, Jacob George88, Ming-Hua Zheng89,90\*

**ONLINE-ONLY SUPPLEMENTARY METERIAL**

[ONLINE-ONLY SUPPLEMENTARY METERIAL 2](#_Toc643918963)

[Supplementary Table 1. The age-standardized prevalence rate of MASLD per 100,000 population among both sexes in 204 countries and territories in 2021 4](#_Toc1175913908)

[Supplementary Table 2. The age-standardized incidence rate of MASLD per 100,000 population among both sexes in 204 countries and territories in 2021 13](#_Toc293048415)

[Supplementary Table 3. The age-standardized rate of years lived with disability of MASLD per 100,000 population among both sexes in 204 countries and territories in 2021. 21](#_Toc1084708334)

[Supplementary Table 4. Percentage change of age standardised rates (ASRs) of prevalence per 100000 population among both sexes in 204 countries and territories between 2010 and 2021 30](#_Toc704290155)

[Supplementary Table 5. Percentage change of age standardised rates of prevalence per 100000 population among both sexes in 204 countries and territories between 2010 and 2021. 42](#_Toc74772821)

[Supplementary Table 6. Percentage change of age standardised rates of YLDs per 100000 population among both sexes in 204 countries and territories between 2010 and 2021. 50](#_Toc428869052)

[Supplementary Table 7. The global prevalence rate and number of cases in males and females across different age groups in 2021 59](#_Toc1047037632)

[Supplementary Table 8. The global incidence rate and number of cases in males and females across different age groups in 2021. 62](#_Toc1080477506)

[Supplementary Table 9. The global YLDs rate and number of cases in males and females across different age groups in 2021. 65](#_Toc463724310)

[Supplementary Figure 1. Age-standardized years lived with disability (YLDs) of MASLD per 100,000 population in 2021, by country. 68](#_Toc596323207)

[Supplementary Figure 2. Percentage change of age-standardized rates (ASRs) of MASLD prevalence per 100,000 population between 2010 and 2021, by country. 69](#_Toc97959500)

[Supplementary Figure 3. Percentage change of age-standardized rates (ASRs) of MASLD incidence per 100,000 population between 2010 and 2021, by country. 70](#_Toc1432842898)

[Supplementary Figure 4. Percentage change of age-standardized rates (ASRs) of MASLD years lived with disability (YLDs) per 100,000 population between 2010 and 2021, by country. 71](#_Toc2056452875)

[Supplementary Figure 5. Global number of incidence cases and age-standardized point incidence rates of MASLD per 100,000 population by age and sex, 2021. 72](#_Toc1201655307)

[Supplementary Figure 6. Global number of years lived with disability (YLDs) cases and age-standardized point YLDs of MASLD per 100,000 population by age and sex, 2021. 73](#_Toc1284528361)

[Supplementary Figure 7. Age-standardized prevalence rates of MASLD per 100,000 population for 21 Global Burden of Disease regions by sociodemographic index (SDI), 2010-2021. 74](#_Toc415060036)

[Supplementary Figure 8. Age-standardized prevalence rates of MASLD per 100,000 population by countries and sociodemographic index (SDI), 2021. 75](#_Toc887139596)

[Supplementary Figure 9. Age-standardized years lived with disability (YLDs) rates of MASLD per 100,000 population for 21 Global Burden of Disease regions by sociodemographic index (SDI), 2010-2021. 76](#_Toc176228851)

[Supplementary Figure 10. Age-standardized years lived with disability (YLDs) rates of MASLD per 100,000 population by 204 countries and sociodemographic index (SDI), 2021. 77](#_Toc498349544)

# **Supplementary Table 1.** The age-standardized prevalence rate of MASLD per 100,000 population among both sexes in 204 countries and territories in 2021

|  |  |  |  |
| --- | --- | --- | --- |
| **Location** | **Rate (cases, per 100,000 population)** | **95% Upper UI (cases, per 100,000 population)** | **95% Lower UI (cases, per 100,000 population)** |
| Kuwait | 32312.1663 | 34838.96858 | 29947.12283 |
| Egypt | 31668.79764 | 34224.69518 | 29272.46281 |
| Qatar | 31327.54549 | 33790.93114 | 29078.53032 |
| Iran (Islamic Republic of) | 30510.05321 | 32985.75746 | 28210.86529 |
| Saudi Arabia | 29678.52241 | 32171.33919 | 27515.31639 |
| Bahrain | 29376.3522 | 31741.51877 | 27190.21963 |
| Jordan | 29214.95382 | 31590.34448 | 27055.53254 |
| United Arab Emirates | 29161.11596 | 31503.59005 | 27041.71908 |
| Libya | 28849.14246 | 31249.94021 | 26699.81911 |
| Oman | 28347.12413 | 30863.92078 | 26189.04255 |
| Lebanon | 27639.74963 | 29961.17452 | 25525.34572 |
| Syrian Arab Republic | 27485.79626 | 29903.86936 | 25351.13303 |
| Algeria | 26967.1008 | 29227.20749 | 24879.89796 |
| Palestine | 26786.29394 | 29045.06623 | 24627.26961 |
| Iraq | 26526.65829 | 28721.29674 | 24409.01595 |
| Morocco | 26469.06145 | 28726.22984 | 24273.4971 |
| Tunisia | 26266.71056 | 28520.38629 | 24232.81982 |
| Türkiye | 26104.31994 | 28409.31181 | 24060.01787 |
| Afghanistan | 22624.11827 | 24823.00508 | 20687.75506 |
| Yemen | 22121.43079 | 24245.70335 | 20254.09786 |
| American Samoa | 20589.34198 | 22301.32498 | 18938.73329 |
| Fiji | 20183.54299 | 22050.18186 | 18413.88509 |
| Malaysia | 19513.63328 | 21267.07779 | 17931.84616 |
| Mauritania | 19463.67372 | 21307.1354 | 17800.28605 |
| Sudan | 19317.57995 | 21133.31704 | 17620.3575 |
| Ecuador | 18845.46404 | 20556.74896 | 17280.41173 |
| Puerto Rico | 18745.80464 | 20375.68673 | 17214.86491 |
| Northern Mariana Islands | 18732.33447 | 20341.3013 | 17105.97301 |
| Vanuatu | 18464.1337 | 20025.32613 | 16909.97896 |
| Kiribati | 18319.53619 | 20053.85635 | 16669.10414 |
| Honduras | 18111.86469 | 19779.96039 | 16517.51222 |
| Tonga | 17889.17086 | 19434.74537 | 16435.91379 |
| Senegal | 17789.79558 | 19442.89385 | 16178.06386 |
| Palau | 17741.19329 | 19246.93397 | 16270.1981 |
| Belize | 17651.75939 | 19200.49883 | 16113.52881 |
| Guatemala | 17403.95311 | 19050.23444 | 15853.68248 |
| Azerbaijan | 17371.15688 | 19105.91186 | 15923.98078 |
| Niue | 17321.78114 | 18830.8693 | 15922.26951 |
| Cook Islands | 17311.66406 | 18920.03067 | 15913.07892 |
| Comoros | 17266.31149 | 18845.77504 | 15662.44357 |
| Indonesia | 17251.91558 | 18819.74041 | 15742.8128 |
| Mexico | 17238.87781 | 18840.11583 | 15794.19955 |
| Bermuda | 17108.75605 | 18728.85282 | 15739.33014 |
| Guam | 17104.4696 | 18639.82275 | 15693.4927 |
| El Salvador | 17097.94195 | 18665.43241 | 15558.55832 |
| Armenia | 16926.6008 | 18479.41002 | 15446.74954 |
| Nicaragua | 16807.74537 | 18356.79795 | 15381.53027 |
| Costa Rica | 16767.03196 | 18259.08184 | 15368.95956 |
| Uzbekistan | 16736.93703 | 18345.01652 | 15309.45148 |
| Brazil | 16731.0601 | 18281.2246 | 15308.3638 |
| Taiwan (Province of China) | 16596.32943 | 18111.59733 | 15179.2198 |
| Tokelau | 16585.22765 | 18091.18769 | 15172.10217 |
| South Africa | 16572.04651 | 18075.10106 | 15195.19688 |
| Colombia | 16570.25447 | 18114.81722 | 15089.02242 |
| Panama | 16567.79736 | 18199.86607 | 15172.55481 |
| Samoa | 16550.88431 | 18058.32629 | 15128.93431 |
| Bosnia and Herzegovina | 16526.34536 | 18017.8947 | 15127.25573 |
| Cuba | 16510.25192 | 18003.13662 | 15157.64256 |
| Micronesia (Federated States of) | 16497.10222 | 18053.56855 | 15115.8883 |
| Mali | 16483.44152 | 18156.25914 | 14982.83799 |
| Jamaica | 16467.51863 | 17978.32841 | 15070.15767 |
| Dominica | 16385.31407 | 17899.69104 | 14973.09434 |
| Saint Kitts and Nevis | 16352.17713 | 17882.57385 | 14997.9971 |
| Eswatini | 16326.74497 | 17884.10007 | 14855.78521 |
| Turkmenistan | 16277.6174 | 17633.43467 | 14905.86335 |
| Sri Lanka | 16222.59825 | 17687.4078 | 14866.5347 |
| Serbia | 16160.40801 | 17582.59494 | 14786.18297 |
| Venezuela (Bolivarian Republic of) | 16151.32487 | 17764.31455 | 14789.93837 |
| Maldives | 16126.49778 | 17620.76215 | 14753.02251 |
| Seychelles | 16105.18709 | 17743.36802 | 14758.88093 |
| Tuvalu | 16096.91719 | 17555.84147 | 14734.63413 |
| Georgia | 16084.95998 | 17505.63002 | 14698.5913 |
| Kyrgyzstan | 15961.87771 | 17483.01637 | 14601.41464 |
| Bahamas | 15881.42685 | 17323.3868 | 14445.97375 |
| Cabo Verde | 15829.3 | 17378.34108 | 14459.92718 |
| Marshall Islands | 15737.68214 | 17131.657 | 14360.34081 |
| Barbados | 15695.87544 | 17114.8908 | 14310.32851 |
| Albania | 15663.27896 | 17083.57804 | 14323.48851 |
| Myanmar | 15623.84599 | 17140.46412 | 14272.94784 |
| China | 15606.98055 | 17011.67231 | 14272.35974 |
| Pakistan | 15599.06469 | 17039.94418 | 14183.1563 |
| Antigua and Barbuda | 15575.06186 | 17031.20107 | 14249.51795 |
| Nigeria | 15568.88091 | 17094.77017 | 14230.43048 |
| Suriname | 15535.42143 | 16950.48547 | 14196.32189 |
| Nauru | 15526.14852 | 16976.80617 | 14219.42824 |
| Saint Vincent and the Grenadines | 15502.62211 | 16992.78815 | 14173.96647 |
| Tajikistan | 15498.59033 | 16995.15506 | 14143.82086 |
| Trinidad and Tobago | 15461.54167 | 16898.14802 | 14158.3402 |
| Botswana | 15448.23579 | 16965.13845 | 14068.47657 |
| United States Virgin Islands | 15394.56059 | 16721.07604 | 14108.79278 |
| Guinea | 15356.04527 | 16908.30314 | 13999.53891 |
| Grenada | 15254.3027 | 16701.73636 | 13948.19635 |
| South Sudan | 15223.08371 | 16712.19626 | 13894.10387 |
| Solomon Islands | 15121.74923 | 16601.68705 | 13737.76946 |
| Sao Tome and Principe | 15074.34635 | 16624.7966 | 13680.49105 |
| Somalia | 15069.62567 | 16464.4396 | 13774.44732 |
| Thailand | 15068.53529 | 16444.20925 | 13751.4333 |
| Benin | 15066.15637 | 16516.39406 | 13748.5642 |
| Liberia | 14996.20673 | 16397.24708 | 13645.26194 |
| Bhutan | 14942.35891 | 16299.85992 | 13646.6801 |
| Cameroon | 14922.273 | 16331.6206 | 13625.86852 |
| Dominican Republic | 14898.34473 | 16268.80089 | 13612.86307 |
| Kazakhstan | 14834.01769 | 16257.36813 | 13532.0886 |
| Mauritius | 14798.02603 | 16178.69538 | 13595.17659 |
| Kenya | 14741.16399 | 16105.27377 | 13430.22022 |
| Niger | 14731.0176 | 16154.13781 | 13348.26532 |
| Saint Lucia | 14701.99171 | 15953.3343 | 13436.27188 |
| Bangladesh | 14696.57028 | 16112.26344 | 13393.04217 |
| Gambia | 14520.17647 | 15967.80421 | 13330.40607 |
| Guyana | 14489.21142 | 15884.92037 | 13260.19994 |
| Timor-Leste | 14474.87753 | 15865.95781 | 13164.05852 |
| Djibouti | 14379.29651 | 15856.70427 | 13027.32606 |
| Ghana | 14314.94593 | 15707.79165 | 13024.64578 |
| North Macedonia | 14240.49749 | 15584.99837 | 12972.23859 |
| Papua New Guinea | 14214.46668 | 15572.48952 | 12990.94026 |
| Paraguay | 14168.57727 | 15479.66882 | 12941.84966 |
| Italy | 14121.34151 | 15390.54661 | 12971.02354 |
| Malawi | 14047.99558 | 15447.83766 | 12842.46868 |
| Togo | 14030.64339 | 15483.3618 | 12865.9034 |
| Democratic People's Republic of Korea | 14015.27847 | 15337.08615 | 12813.69981 |
| India | 13945.31046 | 15203.00005 | 12748.67006 |
| United Republic of Tanzania | 13875.45159 | 15289.51677 | 12601.28273 |
| Mongolia | 13765.71771 | 15093.64944 | 12516.60303 |
| Israel | 13687.21354 | 14919.74808 | 12574.54495 |
| Peru | 13681.06981 | 14920.38271 | 12477.70268 |
| Haiti | 13633.40456 | 14921.63661 | 12414.8514 |
| Guinea-Bissau | 13630.20597 | 14910.43143 | 12343.13274 |
| Zimbabwe | 13563.49479 | 14810.6771 | 12294.18598 |
| Philippines | 13547.33722 | 14832.78629 | 12404.73397 |
| Lesotho | 13533.66726 | 14825.61222 | 12311.95157 |
| Sierra Leone | 13513.84497 | 14898.35651 | 12320.03729 |
| Montenegro | 13497.77244 | 14730.23315 | 12370.31134 |
| Viet Nam | 13460.01869 | 14711.1816 | 12245.52712 |
| Zambia | 13444.17943 | 14809.32711 | 12328.90145 |
| Gabon | 13265.27638 | 14615.70154 | 12108.13656 |
| Equatorial Guinea | 13256.37531 | 14560.78033 | 12146.69209 |
| Bolivia (Plurinational State) | 13108.30811 | 14345.55356 | 12016.09015 |
| Hungary | 13094.51056 | 14363.88134 | 11950.99431 |
| Madagascar | 12858.75059 | 14046.27651 | 11665.21173 |
| Singapore | 12852.56408 | 14030.87656 | 11735.25639 |
| Cambodia | 12738.12856 | 13928.06866 | 11614.16204 |
| Croatia | 12737.22877 | 13965.25842 | 11656.81679 |
| Ethiopia | 12632.80182 | 13837.39729 | 11564.53947 |
| Chad | 12621.66423 | 13950.38077 | 11431.26573 |
| Côte d'Ivoire | 12617.3924 | 13830.52276 | 11492.91679 |
| Nepal | 12586.12034 | 13857.15639 | 11533.74909 |
| Russian Federation | 12582.8785 | 13704.92205 | 11504.16116 |
| Namibia | 12547.86642 | 13846.90352 | 11452.67834 |
| Burundi | 12390.90689 | 13638.18589 | 11276.37366 |
| Brunei Darussalam | 12301.75496 | 13416.67768 | 11263.67815 |
| Romania | 12299.15142 | 13478.57706 | 11168.96747 |
| Bulgaria | 12231.87067 | 13400.52322 | 11205.03067 |
| Poland | 12223.5473 | 13262.72092 | 11205.90079 |
| Eritrea | 12215.68806 | 13457.99989 | 11116.76195 |
| Mozambique | 12075.5967 | 13231.02211 | 11004.34021 |
| Democratic Republic of the Congo | 12071.73804 | 13199.32919 | 11027.46595 |
| Spain | 12014.48576 | 13157.31855 | 10964.89558 |
| Ukraine | 11917.31739 | 13004.46041 | 10859.71031 |
| Lao People's Democratic Republic | 11848.03255 | 13006.37158 | 10778.07283 |
| Portugal | 11837.70125 | 12993.06114 | 10785.56155 |
| Malta | 11633.51144 | 12703.96966 | 10592.16616 |
| Republic of Moldova | 11624.12534 | 12719.50316 | 10594.80204 |
| Slovenia | 11590.93043 | 12692.90213 | 10539.86292 |
| Congo | 11513.06685 | 12566.72942 | 10453.11795 |
| Uganda | 11511.54858 | 12643.32625 | 10476.45268 |
| Angola | 11315.98938 | 12410.00093 | 10282.91099 |
| Czechia | 11260.12404 | 12268.35433 | 10328.72816 |
| Belarus | 11235.06189 | 12222.82711 | 10288.79134 |
| Ireland | 11066.08008 | 12096.09682 | 10123.9254 |
| Slovakia | 11046.78549 | 12054.37218 | 10080.2524 |
| Central African Republic | 11034.15086 | 12120.72782 | 10021.42288 |
| Monaco | 10970.98743 | 11945.16517 | 10045.0135 |
| Chile | 10959.99709 | 11962.71341 | 9977.517409 |
| Cyprus | 10940.96179 | 11944.45961 | 9971.411418 |
| Rwanda | 10859.23099 | 11920.36526 | 9860.795614 |
| Estonia | 10847.99852 | 11830.60613 | 9891.521463 |
| Greece | 10793.65057 | 11734.58814 | 9854.025949 |
| Latvia | 10725.32215 | 11689.2085 | 9826.645142 |
| San Marino | 10617.74619 | 11581.72189 | 9702.920789 |
| Iceland | 10500.21463 | 11437.63011 | 9659.902755 |
| Austria | 10492.13124 | 11469.30541 | 9597.888058 |
| Burkina Faso | 10477.40322 | 11465.50725 | 9541.396705 |
| Andorra | 10447.76148 | 11402.621 | 9561.435822 |
| Uruguay | 10389.9337 | 11333.22203 | 9507.468695 |
| United Kingdom | 10335.08258 | 11258.3254 | 9504.420823 |
| United States of America | 10237.07997 | 11126.33229 | 9339.854794 |
| Lithuania | 10112.29619 | 11054.78991 | 9245.416071 |
| Belgium | 10094.37522 | 10999.10962 | 9238.166855 |
| Republic of Korea | 10050.11748 | 10956.27108 | 9200.729414 |
| Argentina | 9992.447747 | 10962.92277 | 9125.69761 |
| Luxembourg | 9847.206813 | 10814.70281 | 8982.867122 |
| Netherlands | 9798.084558 | 10681.41208 | 8952.883699 |
| New Zealand | 9792.316043 | 10688.19569 | 8940.784401 |
| France | 9755.347325 | 10674.79553 | 8893.639763 |
| Sweden | 9717.53155 | 10581.12906 | 8911.054975 |
| Germany | 9686.756392 | 10571.169 | 8847.165181 |
| Norway | 9518.968229 | 10387.73736 | 8731.207318 |
| Switzerland | 9515.445713 | 10354.96766 | 8681.531153 |
| Australia | 9404.902364 | 10303.44478 | 8596.240947 |
| Greenland | 9003.296406 | 9817.726988 | 8174.211695 |
| Denmark | 8556.658698 | 9305.426525 | 7806.56265 |
| Canada | 8492.318774 | 9305.538493 | 7739.784859 |
| Finland | 8358.511784 | 9180.552522 | 7620.019267 |
| Japan | 8133.472703 | 8837.392572 | 7457.730341 |

# **Supplementary Table 2**. The age-standardized incidence rate of MASLD per 100,000 population among both sexes in 204 countries and territories in 2021

|  |  |  |  |
| --- | --- | --- | --- |
| **Location** | Rate **(cases, per 100,000 population)** | **95% Upper UI (cases, per 100,000 population)** | **95% Lower UI (cases, per 100,000 population)** |
| Brazil | 1407.104994 | 1659.14551 | 1221.747872 |
| Qatar | 1358.607301 | 1448.557156 | 1284.02713 |
| Saudi Arabia | 1333.320795 | 1515.997335 | 1187.195877 |
| Kuwait | 1321.509997 | 1499.154149 | 1183.259421 |
| Bahrain | 1288.26272 | 1364.726557 | 1215.054557 |
| Libya | 1256.649291 | 1463.543354 | 1098.857171 |
| Iran (Islamic Republic of) | 1240.116278 | 1356.593242 | 1143.696327 |
| Egypt | 1232.868971 | 1339.747634 | 1142.73628 |
| Jordan | 1200.742777 | 1317.693629 | 1097.494734 |
| Oman | 1170.286078 | 1244.497865 | 1104.790483 |
| Italy | 1139.108702 | 1274.697667 | 1029.601918 |
| Syrian Arab Republic | 1129.403948 | 1362.106147 | 990.5155156 |
| Lebanon | 1120.235665 | 1307.7915 | 985.5001051 |
| United Arab Emirates | 1099.884392 | 1317.506762 | 960.7780298 |
| Morocco | 1076.626048 | 1189.72935 | 983.308279 |
| Iraq | 1056.397756 | 1471.55416 | 848.6961003 |
| Türkiye | 1050.188589 | 1121.975755 | 990.9778597 |
| Tunisia | 1014.966332 | 1116.994439 | 927.0149604 |
| Palestine | 1012.659445 | 1099.542569 | 939.4843019 |
| Algeria | 1011.680714 | 1178.68512 | 890.7045936 |
| Russian Federation | 999.7476052 | 1171.014005 | 874.6501126 |
| Malaysia | 851.1961595 | 979.3646691 | 764.1593936 |
| American Samoa | 843.5814377 | 901.7153443 | 801.1267954 |
| Fiji | 821.6748218 | 891.6538608 | 759.0650606 |
| Puerto Rico | 785.8267721 | 835.7325143 | 744.1627995 |
| Afghanistan | 775.8834049 | 1104.419574 | 600.7253418 |
| Palau | 769.1325458 | 845.121605 | 704.34283 |
| Ecuador | 764.2326375 | 876.7618491 | 683.8083163 |
| Northern Mariana Islands | 761.4014794 | 804.8987368 | 719.5148546 |
| Yemen | 751.5290666 | 884.8184425 | 648.6840548 |
| Indonesia | 739.0829119 | 790.3671901 | 697.1395439 |
| Taiwan (Province of China) | 735.994877 | 798.2368008 | 683.273025 |
| Belize | 734.4809535 | 841.9932787 | 653.9937407 |
| Mexico | 734.3847271 | 784.068045 | 692.3463403 |
| Niue | 733.0634205 | 826.8102963 | 662.0613679 |
| South Africa | 730.0998633 | 822.3147145 | 655.3486996 |
| Honduras | 727.4963085 | 813.7062384 | 660.8112781 |
| Cook Islands | 721.6410204 | 785.4949522 | 670.1184217 |
| Azerbaijan | 720.4134553 | 819.9546108 | 640.5788988 |
| Saint Kitts and Nevis | 720.0377802 | 856.5381029 | 616.3329613 |
| Kiribati | 719.2860561 | 792.7729905 | 657.9967401 |
| Colombia | 716.0895151 | 776.8345631 | 666.6741977 |
| Guam | 702.3986403 | 751.2477837 | 663.2351384 |
| Costa Rica | 702.0833471 | 786.07618 | 633.5551064 |
| Maldives | 701.6504701 | 783.3173117 | 645.8874102 |
| Eswatini | 699.8726206 | 773.9091254 | 650.204908 |
| Jamaica | 698.1064824 | 785.9469992 | 627.2175693 |
| El Salvador | 693.2873669 | 811.0762943 | 615.4924344 |
| Guatemala | 693.130993 | 750.1100413 | 646.6810184 |
| Micronesia (Federated States) | 688.1302787 | 776.3455004 | 615.7638563 |
| Sri Lanka | 686.084939 | 773.6036782 | 619.8051998 |
| Dominica | 685.6917422 | 774.6064382 | 612.9614735 |
| Bermuda | 681.6525316 | 742.2198776 | 630.1255834 |
| Cuba | 679.8090196 | 760.6122264 | 613.7074877 |
| Serbia | 678.3505842 | 768.3314444 | 612.4712769 |
| Cabo Verde | 676.9547781 | 764.8347574 | 606.3370145 |
| Seychelles | 675.9271214 | 767.2833376 | 600.3312751 |
| Vanuatu | 675.5729584 | 716.6069193 | 638.1089931 |
| Tonga | 675.1587469 | 736.3939367 | 624.7160857 |
| Thailand | 674.0335595 | 768.1922298 | 601.796933 |
| Nicaragua | 672.9337332 | 790.6694738 | 585.8203516 |
| Mauritius | 672.814916 | 764.1338742 | 604.6244658 |
| Barbados | 667.3310175 | 755.2129583 | 592.440039 |
| Mauritania | 666.8744319 | 744.21296 | 603.4645166 |
| Armenia | 666.5224086 | 754.1923226 | 600.7868515 |
| Bosnia and Herzegovina | 662.5748561 | 742.5201619 | 601.7713627 |
| Turkmenistan | 662.43427 | 728.0369252 | 608.494624 |
| Bahamas | 660.6697646 | 755.3033377 | 586.8429797 |
| China | 660.2276823 | 701.1290044 | 623.3899141 |
| Albania | 659.6091956 | 748.4286581 | 591.4058199 |
| Panama | 657.1732868 | 751.6523742 | 588.3346623 |
| Sudan | 655.3714054 | 759.3022097 | 580.1701784 |
| Tuvalu | 654.9049755 | 737.1534188 | 587.661304 |
| Comoros | 652.4145361 | 782.2835703 | 558.9731479 |
| Antigua and Barbuda | 651.9114981 | 731.7210717 | 589.8328882 |
| Tokelau | 649.3744577 | 708.1192542 | 600.7329208 |
| Grenada | 648.5274855 | 736.8924107 | 584.6249549 |
| Marshall Islands | 642.5652023 | 724.255955 | 576.810914 |
| Myanmar | 641.802391 | 710.6080791 | 585.4214239 |
| Venezuela (Bolivarian Republic) | 639.6110202 | 730.1785558 | 575.2332734 |
| Botswana | 636.9207858 | 722.2095501 | 570.9890766 |
| Trinidad and Tobago | 635.5607609 | 721.6231976 | 574.0642689 |
| Georgia | 633.5701672 | 702.7432382 | 579.8485922 |
| Uzbekistan | 632.470449 | 870.34217 | 503.7845571 |
| Bhutan | 631.9563632 | 687.4930299 | 590.1615174 |
| United States Virgin Islands | 629.074789 | 666.058217 | 597.8515129 |
| Saint Vincent and the Grenadines | 626.7309715 | 703.0706461 | 563.176355 |
| Saint Lucia | 616.6676173 | 707.8763601 | 551.9878612 |
| Suriname | 615.288932 | 688.1154267 | 553.4124363 |
| Nauru | 615.214174 | 694.4230106 | 553.2861159 |
| Senegal | 611.1670631 | 681.7381136 | 558.3342141 |
| Samoa | 608.4874375 | 663.1547268 | 560.3716908 |
| Democratic People's Republic of Korea | 607.5527696 | 706.1545843 | 537.9879688 |
| Guyana | 602.9981947 | 678.3748219 | 544.8693271 |
| North Macedonia | 581.0283895 | 692.2936461 | 496.4969208 |
| Sao Tome and Principe | 579.3498676 | 646.9139917 | 524.2696824 |
| Kyrgyzstan | 576.3875988 | 665.4884134 | 508.1332313 |
| Lesotho | 574.4392837 | 630.1150617 | 528.3685574 |
| Pakistan | 569.8571059 | 614.0728511 | 530.3241345 |
| Kazakhstan | 563.8743182 | 617.7842473 | 521.0459445 |
| India | 563.5783987 | 633.3076214 | 505.0886593 |
| Bangladesh | 562.5994035 | 638.3209079 | 506.0661106 |
| Ghana | 559.5567289 | 635.3264193 | 500.5646165 |
| Kenya | 558.9421621 | 596.6260856 | 525.246891 |
| Solomon Islands | 558.3804371 | 649.8330691 | 496.8925726 |
| Dominican Republic | 557.9827563 | 644.2344382 | 496.1157458 |
| Peru | 554.8582321 | 602.5888202 | 514.6539869 |
| Cameroon | 554.4838886 | 651.0989255 | 481.4381045 |
| Montenegro | 549.5737052 | 618.4357926 | 492.4241097 |
| Djibouti | 546.6010289 | 626.1470887 | 482.1854964 |
| Bolivia (Plurinational State) | 545.7115117 | 614.2287371 | 491.2328098 |
| Equatorial Guinea | 545.1876128 | 595.7695728 | 499.4901475 |
| Liberia | 542.7989937 | 633.6899885 | 476.4198924 |
| Paraguay | 541.7453699 | 652.4225849 | 466.043112 |
| Tajikistan | 539.9810098 | 613.957625 | 480.1526279 |
| Brunei Darussalam | 534.5795345 | 602.7706649 | 480.6256945 |
| Nigeria | 531.2886707 | 588.9576089 | 482.7222048 |
| Timor-Leste | 525.5471419 | 579.8893426 | 482.5768005 |
| Philippines | 524.4413042 | 583.3299571 | 481.1150175 |
| Gambia | 523.5116268 | 585.477566 | 473.7209855 |
| Viet Nam | 520.3916898 | 556.5439181 | 491.3772927 |
| Gabon | 519.9623112 | 578.2039351 | 476.0419891 |
| Singapore | 518.4239456 | 554.883086 | 487.2276089 |
| Haiti | 513.7260905 | 608.9728204 | 441.6494043 |
| Mali | 510.4117553 | 588.4101815 | 454.1474182 |
| Benin | 510.3242148 | 572.988151 | 461.7276611 |
| Papua New Guinea | 510.0710031 | 577.8820028 | 459.4813172 |
| Malawi | 505.9438763 | 543.1507428 | 474.6698994 |
| Mongolia | 505.4216604 | 538.366245 | 478.1552911 |
| Hungary | 504.7559385 | 565.4092444 | 453.064339 |
| Togo | 503.8155926 | 579.9180938 | 450.3016575 |
| South Sudan | 503.2552938 | 590.5827598 | 447.3041561 |
| Nepal | 502.0857046 | 563.1284947 | 449.0078448 |
| United Republic of Tanzania | 501.6301363 | 560.962713 | 454.1888974 |
| Croatia | 496.9684502 | 559.5970403 | 447.7887593 |
| Cambodia | 495.5966213 | 572.1307164 | 437.227061 |
| Guinea | 495.1175921 | 547.8850383 | 451.0050308 |
| Portugal | 493.2967865 | 557.6667051 | 441.3978521 |
| Ukraine | 491.2718966 | 600.8890943 | 418.6222847 |
| Zimbabwe | 489.4172418 | 545.0152018 | 443.3275064 |
| Poland | 489.2301472 | 532.9177446 | 453.5859833 |
| Republic of Moldova | 489.1387431 | 581.5762774 | 426.2084856 |
| Israel | 489.1281874 | 563.4496571 | 431.3135197 |
| Namibia | 488.7074191 | 559.1590095 | 441.9665355 |
| Sierra Leone | 486.2526471 | 534.8171762 | 446.0343788 |
| Romania | 484.9215093 | 546.9085447 | 433.7985869 |
| Bulgaria | 483.5326788 | 531.2635733 | 449.0291217 |
| Zambia | 473.8420879 | 543.1043185 | 421.4230936 |
| Guinea-Bissau | 471.0202085 | 538.1154936 | 421.6756812 |
| Somalia | 469.0492332 | 641.3770872 | 380.22219 |
| Lao People's  Democratic Republic | 462.9633319 | 508.6431637 | 428.3419356 |
| Spain | 459.5114645 | 502.7031374 | 426.0972253 |
| Côte d'Ivoire | 451.8858615 | 498.7964944 | 410.3869742 |
| Malta | 451.1484508 | 510.4808054 | 405.403731 |
| Belarus | 449.1525361 | 513.5686622 | 400.8070836 |
| Chile | 446.1675187 | 482.5025037 | 414.4443912 |
| Monaco | 445.0454789 | 483.2237206 | 413.5162913 |
| Ethiopia | 437.8303833 | 512.0020998 | 385.5551493 |
| Republic of Korea | 437.6460957 | 464.3748457 | 416.3668785 |
| Slovakia | 435.8365515 | 475.5615155 | 403.4627592 |
| Slovenia | 435.2088508 | 469.6891576 | 406.7615392 |
| Austria | 432.7798447 | 472.8808221 | 403.6893828 |
| Cyprus | 432.0472987 | 491.8564211 | 387.2672348 |
| Niger | 431.3417813 | 486.4909988 | 390.6827271 |
| United States of America | 431.2711484 | 458.1383049 | 408.1828293 |
| Madagascar | 429.3805368 | 463.8003058 | 401.8682879 |
| Congo | 428.2904387 | 495.1626367 | 375.9916079 |
| San Marino | 427.9480424 | 486.0165304 | 381.0023754 |
| Estonia | 426.083498 | 462.2953619 | 396.2542598 |
| Eritrea | 424.8865953 | 603.4577239 | 324.9213676 |
| United Kingdom | 422.7264673 | 442.0599155 | 406.5026263 |
| Andorra | 421.7666634 | 457.7171424 | 389.0943069 |
| Latvia | 421.6043998 | 456.6719382 | 391.1423462 |
| Greece | 420.7549656 | 482.4185872 | 378.0956718 |
| Lithuania | 418.1865294 | 453.2917677 | 385.7098467 |
| Ireland | 417.7137362 | 459.6123744 | 384.5752684 |
| Czechia | 417.1068978 | 451.04958 | 388.3183275 |
| Uruguay | 412.310883 | 462.5177567 | 369.3279549 |
| Iceland | 408.085379 | 442.8072932 | 378.2073503 |
| New Zealand | 407.1633772 | 439.3273679 | 381.1317974 |
| Democratic Republic  of the Congo | 405.5353271 | 571.2107039 | 314.33636 |
| Belgium | 403.7789735 | 441.548196 | 374.5674862 |
| Luxembourg | 403.6585993 | 434.5198669 | 375.9503588 |
| Burundi | 399.0598523 | 458.5202927 | 356.7976901 |
| Germany | 395.358547 | 435.5838993 | 364.8990165 |
| Netherlands | 394.4433555 | 428.5905338 | 364.9944386 |
| Sweden | 393.4516744 | 427.9102404 | 363.705574 |
| Argentina | 392.449304 | 447.9209844 | 349.8141407 |
| Mozambique | 391.8731802 | 424.7217649 | 364.1322866 |
| France | 391.1008241 | 429.2473039 | 358.8919849 |
| Norway | 384.0566307 | 415.1841783 | 354.3674114 |
| Switzerland | 383.456215 | 418.0394789 | 352.4363638 |
| Rwanda | 381.7299414 | 433.1240552 | 344.0357248 |
| Australia | 378.3592148 | 400.1009985 | 359.8970044 |
| Central African Republic | 375.859411 | 450.5116111 | 326.5832918 |
| Uganda | 372.3711828 | 411.133832 | 338.7276176 |
| Chad | 371.1970739 | 427.3202589 | 329.7361119 |
| Burkina Faso | 364.2133067 | 389.7531378 | 341.591954 |
| Greenland | 360.4921571 | 392.1650377 | 336.1359581 |
| Angola | 359.3140927 | 398.3383426 | 327.3047969 |
| Denmark | 349.5988002 | 379.7361431 | 324.0796549 |
| Japan | 349.0036502 | 371.7045924 | 330.2990085 |
| Finland | 336.0845031 | 369.9888913 | 311.879335 |
| Canada | 333.3521478 | 350.5845779 | 315.9857208 |

# **Supplementary Table 3.** The age-standardized rate of years lived with disability of MASLD per 100,000 population among both sexes in 204 countries and territories in 2021.

|  |  |  |  |
| --- | --- | --- | --- |
| **Location** | **Rate (years, per 100,000 population)** | **95% upper UI (years, per 100,000 population)** | **95% lower UI (years, per 100,000 population)** |
| Mexico | 2.195191049 | 3.351261441 | 1.393018833 |
| Mongolia | 2.1193772 | 3.168777051 | 1.333419776 |
| Ecuador | 1.905691872 | 2.760795808 | 1.218406573 |
| Qatar | 1.760511806 | 2.54669727 | 1.127505234 |
| Bolivia (Plurinational State) | 1.750461209 | 2.621240364 | 1.121393187 |
| Egypt | 1.696885586 | 2.516577299 | 1.055210529 |
| Republic of Moldova | 1.670794462 | 2.556322121 | 0.997186038 |
| Guatemala | 1.589683156 | 2.415860555 | 1.019971265 |
| Puerto Rico | 1.577133761 | 2.343145384 | 1.047438438 |
| Peru | 1.51533898 | 2.268191405 | 0.923512967 |
| United States Virgin Islands | 1.38636529 | 2.092969283 | 0.889500696 |
| Turkmenistan | 1.372334797 | 2.121482637 | 0.867055102 |
| Costa Rica | 1.320999953 | 1.993393063 | 0.831589077 |
| Nicaragua | 1.316489753 | 2.03638966 | 0.782402404 |
| El Salvador | 1.305055255 | 2.005800055 | 0.803367618 |
| United Kingdom | 1.267045166 | 1.887467299 | 0.835731103 |
| Honduras | 1.244094248 | 1.915563899 | 0.750200796 |
| Uzbekistan | 1.183163504 | 1.796023662 | 0.729985743 |
| Ukraine | 1.142326397 | 1.824395545 | 0.687985515 |
| Russian Federation | 1.137932911 | 1.826201831 | 0.713077456 |
| Kazakhstan | 1.132300419 | 1.729799856 | 0.731093454 |
| Gambia | 1.118944534 | 1.804954726 | 0.648479313 |
| Azerbaijan | 1.091792528 | 1.644803054 | 0.683637358 |
| Dominican Republic | 1.075712261 | 1.668474209 | 0.668822205 |
| Mauritania | 1.075528781 | 1.645582301 | 0.629221175 |
| Belize | 1.057179272 | 1.606444737 | 0.689556279 |
| Guyana | 1.051922201 | 1.612107056 | 0.674112857 |
| Eswatini | 1.019042894 | 1.810848696 | 0.539741549 |
| Tonga | 1.013878512 | 1.541051793 | 0.658489811 |
| United Arab Emirates | 1.009356242 | 1.466914292 | 0.650861546 |
| Monaco | 1.002810361 | 1.494363097 | 0.661262815 |
| Chile | 0.998752027 | 1.525790838 | 0.615552637 |
| Northern Mariana Islands | 0.97535621 | 1.465732696 | 0.646232182 |
| Canada | 0.941813073 | 1.381059377 | 0.607655708 |
| Liberia | 0.941132927 | 1.403253087 | 0.605666138 |
| San Marino | 0.937273096 | 1.420139032 | 0.598238093 |
| Saudi Arabia | 0.917571079 | 1.332358636 | 0.589862696 |
| Belgium | 0.914925155 | 1.368249506 | 0.603569824 |
| Germany | 0.90797971 | 1.404001992 | 0.58062011 |
| Italy | 0.899678172 | 1.368375807 | 0.568545072 |
| Finland | 0.880732021 | 1.408967942 | 0.568470546 |
| Andorra | 0.87313421 | 1.310098241 | 0.582433859 |
| Saint Kitts and Nevis | 0.853616708 | 1.257141021 | 0.530336604 |
| Mozambique | 0.834440067 | 1.434688873 | 0.440576492 |
| Austria | 0.825212189 | 1.227821629 | 0.538106337 |
| Suriname | 0.824141091 | 1.251415648 | 0.523685072 |
| Romania | 0.820340349 | 1.258949779 | 0.504862039 |
| Bahamas | 0.819861296 | 1.221427676 | 0.531236545 |
| France | 0.813540219 | 1.25046037 | 0.519696287 |
| Cabo Verde | 0.809809051 | 1.217543456 | 0.515374897 |
| Lithuania | 0.806522414 | 1.291513967 | 0.507019707 |
| Estonia | 0.804944107 | 1.280426331 | 0.5134236 |
| Cuba | 0.800357592 | 1.183788761 | 0.519904347 |
| Mali | 0.799518966 | 1.228609194 | 0.510122228 |
| Bermuda | 0.787061031 | 1.20795207 | 0.525998271 |
| Saint Lucia | 0.774290338 | 1.163603093 | 0.503511037 |
| Armenia | 0.766370673 | 1.159867351 | 0.473232374 |
| Guinea-Bissau | 0.759815221 | 1.15256135 | 0.48597744 |
| Poland | 0.754908407 | 1.184512256 | 0.476557908 |
| Venezuela (Bolivarian Republic) | 0.747555365 | 1.164627285 | 0.456151157 |
| Guinea | 0.746961633 | 1.15838333 | 0.452414852 |
| Bahrain | 0.744887262 | 1.090475111 | 0.479982377 |
| Kyrgyzstan | 0.742694762 | 1.120528086 | 0.465920754 |
| Cameroon | 0.735814682 | 1.123916579 | 0.441145484 |
| Lesotho | 0.72506038 | 1.370389348 | 0.398581617 |
| Grenada | 0.720891694 | 1.077690877 | 0.462671271 |
| Trinidad and Tobago | 0.708857394 | 1.036963167 | 0.472756092 |
| Dominica | 0.7059319 | 1.050694861 | 0.46691287 |
| Barbados | 0.695391307 | 1.010776819 | 0.458554533 |
| Panama | 0.691607482 | 1.050575313 | 0.433215254 |
| Ghana | 0.688454668 | 1.052634181 | 0.441351062 |
| American Samoa | 0.685744469 | 1.00683745 | 0.45777017 |
| Benin | 0.684178796 | 1.031268974 | 0.448414678 |
| Gabon | 0.676230967 | 1.009737119 | 0.441131318 |
| Belarus | 0.675111311 | 1.055589201 | 0.427407979 |
| Kenya | 0.674387445 | 1.01519243 | 0.425101185 |
| Palau | 0.673070456 | 1.008739753 | 0.442698418 |
| Thailand | 0.669062062 | 1.009161386 | 0.436606523 |
| Georgia | 0.666498802 | 1.012901487 | 0.419926031 |
| Portugal | 0.663814278 | 1.006623291 | 0.430036359 |
| Luxembourg | 0.660354766 | 0.989232507 | 0.429374538 |
| Burkina Faso | 0.64698814 | 1.154830851 | 0.365668969 |
| Latvia | 0.645391348 | 1.020989248 | 0.415270207 |
| Spain | 0.642265117 | 0.952692475 | 0.411144707 |
| Antigua and Barbuda | 0.640052031 | 0.960681022 | 0.412519934 |
| Zimbabwe | 0.638612785 | 0.987173108 | 0.390090604 |
| Denmark | 0.631576777 | 0.962675853 | 0.412409725 |
| Guam | 0.627702893 | 0.915433381 | 0.410483912 |
| United States of America | 0.617658844 | 0.92680934 | 0.398632935 |
| Oman | 0.603483684 | 0.903064956 | 0.388564382 |
| Saint Vincent and the Grenadines | 0.596586949 | 0.915209386 | 0.384210677 |
| Senegal | 0.594075777 | 0.88077461 | 0.372478164 |
| Cook Islands | 0.582865086 | 0.869609818 | 0.377802588 |
| Sao Tome and Principe | 0.576375047 | 0.881970475 | 0.368533596 |
| Slovenia | 0.570509017 | 0.873671282 | 0.368674379 |
| Slovakia | 0.569878736 | 0.859286218 | 0.355479133 |
| South Africa | 0.563054828 | 0.803887814 | 0.375572184 |
| Hungary | 0.562784652 | 0.884862371 | 0.344993688 |
| Zambia | 0.562564189 | 0.918492081 | 0.330589392 |
| Libya | 0.562020858 | 0.830674601 | 0.371470977 |
| Greenland | 0.561809417 | 0.84409315 | 0.365343893 |
| Iran (Islamic Republic of) | 0.561535625 | 0.837040182 | 0.359885453 |
| Australia | 0.560655457 | 0.81140459 | 0.366625957 |
| Taiwan (Province of China) | 0.552226186 | 0.80439033 | 0.366407203 |
| Niue | 0.551640461 | 0.818356505 | 0.366748891 |
| Nigeria | 0.542656794 | 0.817968275 | 0.347249282 |
| Ireland | 0.542161754 | 0.805466225 | 0.357703519 |
| South Sudan | 0.538666817 | 0.804054377 | 0.338147163 |
| Greece | 0.530600285 | 0.79239152 | 0.347598046 |
| Croatia | 0.515188664 | 0.778429817 | 0.330081627 |
| Colombia | 0.511273566 | 0.76637276 | 0.321942455 |
| Malawi | 0.508580317 | 0.747387397 | 0.322264415 |
| Brazil | 0.508403378 | 0.796965184 | 0.322644374 |
| Somalia | 0.507882854 | 0.824745059 | 0.293945672 |
| Micronesia (Federated States of) | 0.505196518 | 0.733690604 | 0.336096417 |
| Togo | 0.504136094 | 0.760811697 | 0.318726828 |
| Bulgaria | 0.503773684 | 0.776482383 | 0.319187509 |
| Republic of Korea | 0.500694965 | 0.773254521 | 0.311029815 |
| Equatorial Guinea | 0.498538495 | 0.752034718 | 0.318764225 |
| Botswana | 0.497782416 | 0.79182834 | 0.309365336 |
| Czechia | 0.495084762 | 0.758058084 | 0.31940707 |
| Chad | 0.491859195 | 0.8243771 | 0.293357835 |
| Kuwait | 0.48749362 | 0.726677171 | 0.32028267 |
| Israel | 0.481683417 | 0.696328902 | 0.311105651 |
| Sierra Leone | 0.478891022 | 0.734382367 | 0.305696048 |
| Switzerland | 0.474069821 | 0.711146334 | 0.304223252 |
| Syrian Arab Republic | 0.473843812 | 0.697818315 | 0.303090949 |
| Comoros | 0.473323182 | 0.718522469 | 0.302194321 |
| Kiribati | 0.470228228 | 0.710744453 | 0.307397573 |
| Seychelles | 0.462256109 | 0.705411896 | 0.297003441 |
| Niger | 0.459230997 | 0.746057704 | 0.277714131 |
| Samoa | 0.458522556 | 0.684896204 | 0.304454942 |
| Uganda | 0.455139387 | 0.69716074 | 0.283835764 |
| New Zealand | 0.449764566 | 0.655690959 | 0.298497203 |
| North Macedonia | 0.44752143 | 0.672540647 | 0.294775396 |
| Argentina | 0.443981598 | 0.686797954 | 0.26985346 |
| Congo | 0.443664353 | 0.71186102 | 0.265796014 |
| Japan | 0.439278284 | 0.679382915 | 0.284381614 |
| Bosnia and Herzegovina | 0.439074755 | 0.668821892 | 0.287749704 |
| Norway | 0.433052749 | 0.65347031 | 0.282364952 |
| Netherlands | 0.428919605 | 0.637864985 | 0.27458929 |
| United Republic of Tanzania | 0.42591117 | 0.637233085 | 0.274875331 |
| Rwanda | 0.422335181 | 0.6383695 | 0.266537722 |
| Solomon Islands | 0.419428233 | 0.637701021 | 0.278408083 |
| Côte d'Ivoire | 0.417540454 | 0.629023635 | 0.270016622 |
| Bhutan | 0.409158847 | 0.627249248 | 0.269011558 |
| Djibouti | 0.408602192 | 0.621368144 | 0.255895235 |
| Albania | 0.40782987 | 0.627364913 | 0.249908371 |
| Haiti | 0.406157006 | 0.631264068 | 0.245628761 |
| Jamaica | 0.404166831 | 0.601291047 | 0.265608257 |
| Indonesia | 0.401880633 | 0.60049048 | 0.253443987 |
| Nauru | 0.401353994 | 0.591335582 | 0.264402788 |
| Tunisia | 0.398498711 | 0.605551158 | 0.257409575 |
| Jordan | 0.397101166 | 0.586588685 | 0.253658316 |
| Tuvalu | 0.396996257 | 0.60020977 | 0.266005772 |
| Cyprus | 0.395100155 | 0.587978526 | 0.251650043 |
| Tokelau | 0.39285799 | 0.596743723 | 0.260119642 |
| Palestine | 0.39273094 | 0.573603509 | 0.251627147 |
| Angola | 0.387613305 | 0.687982747 | 0.216588703 |
| Tajikistan | 0.380400726 | 0.580962116 | 0.237952811 |
| Viet Nam | 0.380396976 | 0.586459224 | 0.238221835 |
| Malta | 0.368655784 | 0.554244225 | 0.237474436 |
| Lebanon | 0.367951308 | 0.547835703 | 0.230463871 |
| Sweden | 0.3665651 | 0.587533214 | 0.209729119 |
| Montenegro | 0.357683336 | 0.532591663 | 0.239181386 |
| Uruguay | 0.354053817 | 0.53489534 | 0.225461541 |
| Iraq | 0.349749904 | 0.522415081 | 0.227559483 |
| Cambodia | 0.346634257 | 0.563302668 | 0.215578343 |
| Malaysia | 0.34612467 | 0.513931715 | 0.224758409 |
| Nepal | 0.345613986 | 0.526649779 | 0.225085336 |
| Vanuatu | 0.343569733 | 0.524238566 | 0.225454368 |
| Eritrea | 0.34045627 | 0.512674412 | 0.21573014 |
| Serbia | 0.336895741 | 0.51116541 | 0.216352947 |
| Fiji | 0.329532412 | 0.4921649 | 0.218391399 |
| Paraguay | 0.326180721 | 0.49817976 | 0.211955032 |
| Marshall Islands | 0.325716458 | 0.487777242 | 0.214831229 |
| Ethiopia | 0.324610641 | 0.495952237 | 0.200790311 |
| Brunei Darussalam | 0.324319207 | 0.486315398 | 0.20578296 |
| India | 0.317438408 | 0.477037038 | 0.208080299 |
| Namibia | 0.308661189 | 0.464392866 | 0.196632976 |
| Algeria | 0.307048754 | 0.466569713 | 0.195556665 |
| Sudan | 0.305377881 | 0.466584125 | 0.193255766 |
| China | 0.289817718 | 0.427955668 | 0.193396907 |
| Central African Republic | 0.286763161 | 0.47956156 | 0.167943862 |
| Singapore | 0.285379781 | 0.416733753 | 0.185437263 |
| Madagascar | 0.281433365 | 0.424221138 | 0.175566261 |
| Afghanistan | 0.27843629 | 0.438116857 | 0.17627972 |
| Pakistan | 0.274209487 | 0.41536166 | 0.175147091 |
| Türkiye | 0.265148497 | 0.388084754 | 0.174266741 |
| Burundi | 0.258145404 | 0.399387718 | 0.162347383 |
| Morocco | 0.254656014 | 0.387042369 | 0.157717931 |
| Iceland | 0.244229941 | 0.360326042 | 0.161137894 |
| Lao People's Democratic Republic | 0.234353355 | 0.366781807 | 0.149872618 |
| Philippines | 0.230592757 | 0.333360436 | 0.15475318 |
| Democratic Republic of the Congo | 0.220614991 | 0.355875633 | 0.132861691 |
| Democratic People's Republic of Korea | 0.220305427 | 0.329907943 | 0.141296032 |
| Bangladesh | 0.217961726 | 0.329834619 | 0.13971486 |
| Maldives | 0.214152795 | 0.329388908 | 0.139568327 |
| Mauritius | 0.201208616 | 0.312030956 | 0.132569705 |
| Myanmar | 0.183766591 | 0.294664657 | 0.115230018 |
| Sri Lanka | 0.177050755 | 0.27281104 | 0.110486402 |
| Timor-Leste | 0.156812814 | 0.239233462 | 0.098474307 |
| Yemen | 0.142353495 | 0.218279059 | 0.086660354 |
| Papua New Guinea | 0.107858844 | 0.190581437 | 0.0642967 |

# **Supplementary Table 4.** Percentage change of age standardised rates (ASRs) of prevalence per 100000 population among both sexes in 204 countries and territories between 2010 and 2021

|  |  |  |  |
| --- | --- | --- | --- |
| **Location** | **Rate** | **95% Upper UI** | **95% Lower UI** |
| China | 0.16551396 | 0.186023252 | 0.144192636 |
| India | 0.124620881 | 0.13607727 | 0.112632 |
| Sudan | 0.12421687 | 0.157722039 | 0.088648548 |
| Kazakhstan | 0.110321808 | 0.150506212 | 0.074169673 |
| Bhutan | 0.108492155 | 0.140435963 | 0.078404399 |
| Japan | 0.106011511 | 0.12450755 | 0.085918038 |
| United Arab Emirates | 0.098075752 | 0.129188535 | 0.068779992 |
| Taiwan (Province of China) | 0.095428253 | 0.133908027 | 0.058434186 |
| Spain | 0.094225603 | 0.135351387 | 0.051884022 |
| Saudi Arabia | 0.093830128 | 0.122190068 | 0.068886926 |
| Bahrain | 0.092269159 | 0.11937757 | 0.066892557 |
| Morocco | 0.092101836 | 0.119296212 | 0.066372795 |
| Djibouti | 0.090657678 | 0.127885624 | 0.055377831 |
| United Kingdom | 0.09046741 | 0.104552632 | 0.07610844 |
| Austria | 0.088468869 | 0.123728558 | 0.056954677 |
| Andorra | 0.08563439 | 0.124627431 | 0.050689479 |
| Germany | 0.085345874 | 0.122412857 | 0.052519277 |
| Luxembourg | 0.084769747 | 0.124779795 | 0.048755347 |
| Brunei Darussalam | 0.084600512 | 0.11698263 | 0.04891562 |
| France | 0.084342246 | 0.119971319 | 0.047684941 |
| Switzerland | 0.08431724 | 0.119132965 | 0.051730345 |
| Slovakia | 0.084081369 | 0.12072621 | 0.049667282 |
| New Zealand | 0.08400437 | 0.113825935 | 0.053167693 |
| Ghana | 0.083841752 | 0.119197543 | 0.048630881 |
| Oman | 0.083766988 | 0.115405543 | 0.051799909 |
| Norway | 0.083133707 | 0.10352368 | 0.064028525 |
| North Macedonia | 0.082627327 | 0.124831499 | 0.045846477 |
| Paraguay | 0.082304757 | 0.118824008 | 0.043669294 |
| Iraq | 0.081920186 | 0.107606046 | 0.058186705 |
| Lebanon | 0.081421209 | 0.107189771 | 0.058542847 |
| Türkiye | 0.080962626 | 0.108548285 | 0.053743681 |
| Montenegro | 0.079779922 | 0.119071445 | 0.040010837 |
| Zambia | 0.079661472 | 0.114166228 | 0.043290332 |
| Gabon | 0.078850661 | 0.117442799 | 0.043668768 |
| Republic of Moldova | 0.078564196 | 0.118160695 | 0.03949612 |
| Ireland | 0.077361979 | 0.116036423 | 0.043796997 |
| Algeria | 0.076853141 | 0.105260329 | 0.0487223 |
| Monaco | 0.074423891 | 0.109304026 | 0.04005194 |
| Nauru | 0.074359882 | 0.106272796 | 0.041089413 |
| Argentina | 0.073665386 | 0.111948282 | 0.034331093 |
| Portugal | 0.073483957 | 0.111907223 | 0.032974448 |
| Uzbekistan | 0.073089641 | 0.104662081 | 0.039986121 |
| Hungary | 0.071755357 | 0.110033899 | 0.036375405 |
| Rwanda | 0.070983746 | 0.112285506 | 0.033954271 |
| Finland | 0.070631294 | 0.114300663 | 0.037130524 |
| Tunisia | 0.070553393 | 0.099760423 | 0.04156344 |
| Palestine | 0.070103119 | 0.097671586 | 0.043791496 |
| Democratic People's Republic of Korea | 0.069864662 | 0.104195187 | 0.033169927 |
| Botswana | 0.068953223 | 0.098774537 | 0.038267834 |
| Jordan | 0.068107959 | 0.094080515 | 0.044457576 |
| South Africa | 0.067930172 | 0.088103457 | 0.049430142 |
| Costa Rica | 0.067447881 | 0.103452987 | 0.033312311 |
| Colombia | 0.067418587 | 0.101877454 | 0.031747605 |
| Ethiopia | 0.067169915 | 0.091664318 | 0.041263183 |
| Syrian Arab Republic | 0.067122392 | 0.093994812 | 0.040019776 |
| Nigeria | 0.067113968 | 0.083847389 | 0.050082922 |
| Australia | 0.067094805 | 0.099524063 | 0.034590564 |
| Democratic Republic of the Congo | 0.067081295 | 0.103642685 | 0.031164336 |
| United Republic of Tanzania | 0.06686874 | 0.100186459 | 0.036615808 |
| Afghanistan | 0.066320405 | 0.094908422 | 0.040783543 |
| Sierra Leone | 0.066159892 | 0.10181018 | 0.031068759 |
| Egypt | 0.065582667 | 0.089688469 | 0.042005264 |
| Kenya | 0.064096237 | 0.080350198 | 0.050047894 |
| Yemen | 0.063842098 | 0.090057245 | 0.037031872 |
| Denmark | 0.063682735 | 0.095702579 | 0.033240802 |
| Uruguay | 0.063294572 | 0.101145785 | 0.025527229 |
| Qatar | 0.063052753 | 0.089322874 | 0.039511527 |
| Indonesia | 0.063020893 | 0.077806773 | 0.047654173 |
| Dominican Republic | 0.062339529 | 0.095520939 | 0.029806231 |
| Belgium | 0.062193238 | 0.098458486 | 0.027802213 |
| Madagascar | 0.062127715 | 0.095610163 | 0.026893312 |
| Venezuela (Bolivarian Republic of) | 0.062047171 | 0.099667506 | 0.029709688 |
| United States of America | 0.061732699 | 0.074254151 | 0.046977648 |
| Zimbabwe | 0.061731082 | 0.097042703 | 0.030171157 |
| Panama | 0.061695033 | 0.098730385 | 0.027107814 |
| Malaysia | 0.061584393 | 0.089271868 | 0.035825644 |
| San Marino | 0.061484905 | 0.097440653 | 0.024681568 |
| Pakistan | 0.06097795 | 0.078605667 | 0.043013302 |
| Eritrea | 0.060528146 | 0.096520584 | 0.02527535 |
| Tajikistan | 0.060393873 | 0.098743121 | 0.028529881 |
| Saint Kitts and Nevis | 0.060164216 | 0.097681947 | 0.028504259 |
| Burundi | 0.060056941 | 0.090799265 | 0.027256071 |
| Guyana | 0.059850222 | 0.09767536 | 0.025744967 |
| Bangladesh | 0.059408595 | 0.088479824 | 0.031201698 |
| Iceland | 0.058384073 | 0.093178932 | 0.025085404 |
| Slovenia | 0.057212701 | 0.092915204 | 0.0221462 |
| Malta | 0.057030857 | 0.094741241 | 0.024148983 |
| Mauritania | 0.056504126 | 0.082908322 | 0.026841302 |
| South Sudan | 0.056270355 | 0.086857957 | 0.028598411 |
| Nepal | 0.056142338 | 0.087062632 | 0.02528776 |
| Cabo Verde | 0.05612543 | 0.090674432 | 0.022994217 |
| Serbia | 0.055333467 | 0.094396965 | 0.019193201 |
| Croatia | 0.055297362 | 0.091967052 | 0.017715049 |
| Bermuda | 0.055015621 | 0.088512928 | 0.020459032 |
| Netherlands | 0.054994877 | 0.08866303 | 0.022295653 |
| Mauritius | 0.054472324 | 0.090620916 | 0.019186685 |
| Sweden | 0.054058164 | 0.079718197 | 0.024741165 |
| Azerbaijan | 0.053266313 | 0.086270374 | 0.020578621 |
| Liberia | 0.053125555 | 0.089083783 | 0.017032163 |
| Thailand | 0.052794784 | 0.087085151 | 0.01955654 |
| Cyprus | 0.052138051 | 0.08682902 | 0.019771038 |
| Togo | 0.051545112 | 0.086337518 | 0.014613013 |
| Czechia | 0.051342777 | 0.086067529 | 0.016802781 |
| Equatorial Guinea | 0.051332646 | 0.087285939 | 0.015997996 |
| Kuwait | 0.050927919 | 0.072370901 | 0.025891796 |
| Vanuatu | 0.050696192 | 0.082730362 | 0.019245656 |
| Bahamas | 0.05035587 | 0.086288862 | 0.015550294 |
| Sao Tome and Principe | 0.050128627 | 0.083017751 | 0.018002779 |
| Suriname | 0.050058393 | 0.086242976 | 0.015906809 |
| Lesotho | 0.049554656 | 0.083389145 | 0.013586853 |
| Greece | 0.049545984 | 0.085125009 | 0.013679869 |
| Cuba | 0.049275528 | 0.085327596 | 0.016183531 |
| Chile | 0.049079888 | 0.086070963 | 0.012741825 |
| Côte d'Ivoire | 0.048546113 | 0.084432879 | 0.012438952 |
| Maldives | 0.048525627 | 0.079984224 | 0.015654351 |
| El Salvador | 0.047643286 | 0.080919529 | 0.009707256 |
| Israel | 0.047437096 | 0.082503719 | 0.012648548 |
| Central African Republic | 0.046203802 | 0.084367418 | 0.012015873 |
| Sri Lanka | 0.045387369 | 0.074563514 | 0.013430813 |
| Guinea | 0.044411747 | 0.076315037 | 0.012497645 |
| Italy | 0.044166761 | 0.068770637 | 0.017558317 |
| Nicaragua | 0.044021384 | 0.077689339 | 0.011088914 |
| Uganda | 0.04390459 | 0.08215108 | 0.010702632 |
| Trinidad and Tobago | 0.043542305 | 0.08204963 | 0.008733127 |
| Burkina Faso | 0.043007351 | 0.083363921 | 0.006679212 |
| Peru | 0.042909702 | 0.076678008 | 0.010976915 |
| Russian Federation | 0.042805714 | 0.066481175 | 0.01717759 |
| Honduras | 0.042741973 | 0.073230118 | 0.011532329 |
| Grenada | 0.042740801 | 0.076370618 | 0.008674104 |
| Cameroon | 0.04265996 | 0.079051091 | 0.011994773 |
| Greenland | 0.042431273 | 0.078403497 | 0.007098148 |
| Turkmenistan | 0.042102206 | 0.073314322 | 0.009637798 |
| Eswatini | 0.04200454 | 0.07109601 | 0.010219742 |
| Senegal | 0.041689777 | 0.075594389 | 0.012220434 |
| Fiji | 0.04166368 | 0.071209761 | 0.011793447 |
| Albania | 0.041108078 | 0.077063053 | 0.009072878 |
| Guinea-Bissau | 0.040953024 | 0.073885441 | 0.011292871 |
| Philippines | 0.040635084 | 0.061869843 | 0.01863403 |
| Niue | 0.040570462 | 0.072508476 | 0.009833798 |
| Tokelau | 0.04038149 | 0.079253146 | 0.008739719 |
| Mexico | 0.040121123 | 0.062006992 | 0.018146039 |
| Kiribati | 0.039800058 | 0.069432574 | 0.010781724 |
| Libya | 0.038720501 | 0.061957592 | 0.013926014 |
| Lao People's Democratic Republic | 0.038716638 | 0.075949923 | 0.004847627 |
| Tuvalu | 0.038699101 | 0.069504845 | 0.010529778 |
| Micronesia (Federated States of) | 0.038417119 | 0.070587058 | 0.006816086 |
| Romania | 0.038161347 | 0.075792719 | 0.00485642 |
| Guatemala | 0.038150103 | 0.068632913 | 0.010275818 |
| Ecuador | 0.038109882 | 0.064563953 | 0.007393492 |
| Belarus | 0.037588082 | 0.075962507 | 0.005657569 |
| Dominica | 0.037120202 | 0.068669274 | 0.003187395 |
| Saint Vincent and the Grenadines | 0.03701613 | 0.069879469 | 0.005034793 |
| Namibia | 0.036442832 | 0.069935589 | 0.001758904 |
| Canada | 0.03633567 | 0.075534359 | 0.00114014 |
| Marshall Islands | 0.036129961 | 0.068190113 | 0.006427951 |
| Saint Lucia | 0.035116143 | 0.067223011 | 0.003623996 |
| Kyrgyzstan | 0.034700631 | 0.070330512 | 0.00574388 |
| Mozambique | 0.034667782 | 0.069783992 | 0.003958531 |
| Poland | 0.034217405 | 0.062062927 | 0.006758232 |
| Brazil | 0.034206146 | 0.053614436 | 0.017300656 |
| Mali | 0.033675055 | 0.064852932 | 0.008320796 |
| Armenia | 0.032289304 | 0.063310874 | 0.001050395 |
| Malawi | 0.031388855 | 0.062428013 | 0.003643955 |
| Papua New Guinea | 0.030970526 | 0.065171618 | 0.001860862 |
| Bolivia (Plurinational State of) | 0.030858615 | 0.06712263 | -0.003202057 |
| American Samoa | 0.03069567 | 0.060246182 | 0.004858422 |
| Seychelles | 0.030207347 | 0.061284014 | 0.001420233 |
| Singapore | 0.030143287 | 0.065493303 | -0.001733919 |
| Niger | 0.028778646 | 0.05989311 | -0.004843602 |
| Palau | 0.028759476 | 0.06145621 | -0.001215658 |
| Bulgaria | 0.028321334 | 0.06564746 | -0.00729641 |
| Benin | 0.027829085 | 0.058216008 | -0.005607626 |
| United States Virgin Islands | 0.027153319 | 0.061326514 | -0.008021391 |
| Puerto Rico | 0.026831254 | 0.055361895 | -0.002843653 |
| Congo | 0.026108682 | 0.063880181 | -0.010676542 |
| Gambia | 0.026104172 | 0.060786595 | -0.007497103 |
| Jamaica | 0.025989233 | 0.059859776 | -0.005556719 |
| Guam | 0.025869971 | 0.053507963 | -0.001895386 |
| Samoa | 0.024277622 | 0.054066024 | -0.009594736 |
| Comoros | 0.024241754 | 0.052341892 | -0.004327164 |
| Myanmar | 0.023674542 | 0.053748183 | -0.004593957 |
| Timor-Leste | 0.022641062 | 0.052632179 | -0.006681071 |
| Tonga | 0.021602137 | 0.053492502 | -0.010639383 |
| Latvia | 0.01573946 | 0.050873038 | -0.018265246 |
| Bosnia and Herzegovina | 0.014722436 | 0.045862455 | -0.020216857 |
| Ukraine | 0.014318144 | 0.046696883 | -0.019326019 |
| Haiti | 0.014066964 | 0.042236357 | -0.017121467 |
| Antigua and Barbuda | 0.013763026 | 0.047173041 | -0.019063991 |
| Solomon Islands | 0.013385558 | 0.044071517 | -0.017039524 |
| Somalia | 0.012089621 | 0.040568974 | -0.015934404 |
| Viet Nam | 0.010899824 | 0.039596892 | -0.016443961 |
| Lithuania | 0.010383025 | 0.042087002 | -0.021483169 |
| Northern Mariana Islands | 0.008875287 | 0.037165303 | -0.016344996 |
| Belize | 0.008113923 | 0.036737837 | -0.019674519 |
| Barbados | 0.008069262 | 0.041437579 | -0.021885209 |
| Estonia | 0.006441254 | 0.039321915 | -0.021970808 |
| Georgia | 0.006079361 | 0.039251932 | -0.02425966 |
| Chad | 0.004606593 | 0.038563169 | -0.03097484 |
| Cambodia | -0.001633209 | 0.032472583 | -0.032790543 |
| Angola | -0.002143235 | 0.037743047 | -0.039592663 |
| Mongolia | -0.012412927 | 0.024250554 | -0.043539925 |
| Iran (Islamic Republic of) | -0.035259173 | -0.028215407 | -0.04283115 |
| Cook Islands | -0.039381385 | -0.005919705 | -0.070215837 |
| Republic of Korea | -0.051091932 | 0.001147156 | -0.116387227 |

# **Supplementary Table 5.** Percentage change of age standardised rates of prevalence per 100000 population among both sexes in 204 countries and territories between 2010 and 2021.

|  |  |  |  |
| --- | --- | --- | --- |
| **Location** | **Rate** | **95% Upper UI** | **95% Lower UI** |
| China | 0.10148127 | 0.120076538 | 0.084704618 |
| Sudan | 0.092793945 | 0.123175741 | 0.066170554 |
| India | 0.088920007 | 0.100157445 | 0.077836451 |
| Kazakhstan | 0.087165554 | 0.129996979 | 0.049266322 |
| Bhutan | 0.083413095 | 0.11543212 | 0.05246305 |
| Djibouti | 0.078754288 | 0.110644541 | 0.047293303 |
| Japan | 0.077280833 | 0.095234373 | 0.057362057 |
| New Zealand | 0.069095994 | 0.102859863 | 0.04068671 |
| United Kingdom | 0.067817244 | 0.082695067 | 0.052158857 |
| Ghana | 0.067182486 | 0.101487268 | 0.034099684 |
| Taiwan (Province of China) | 0.066454319 | 0.098515647 | 0.034499574 |
| Zambia | 0.064972349 | 0.098962742 | 0.030563866 |
| Slovakia | 0.064453083 | 0.100048088 | 0.030414043 |
| Norway | 0.063808711 | 0.082289487 | 0.04458703 |
| Spain | 0.061832522 | 0.101634203 | 0.022791791 |
| Ethiopia | 0.061455735 | 0.087545313 | 0.036233893 |
| Paraguay | 0.06092221 | 0.099042074 | 0.026283942 |
| Hungary | 0.060860533 | 0.095723264 | 0.025358109 |
| Montenegro | 0.059761079 | 0.097328657 | 0.024021214 |
| Andorra | 0.059746659 | 0.09282544 | 0.024230636 |
| North Macedonia | 0.059405431 | 0.099713295 | 0.022464634 |
| Nigeria | 0.059403055 | 0.075306364 | 0.041420652 |
| Switzerland | 0.059013813 | 0.09555754 | 0.028223907 |
| Eritrea | 0.058847946 | 0.093273726 | 0.02437684 |
| Gabon | 0.058795451 | 0.094514741 | 0.022641928 |
| Burundi | 0.057322543 | 0.089866943 | 0.02784479 |
| Rwanda | 0.057126362 | 0.090835403 | 0.022775411 |
| France | 0.056884035 | 0.09153674 | 0.022217434 |
| Germany | 0.056732876 | 0.089185713 | 0.020760498 |
| Sierra Leone | 0.056414876 | 0.095191804 | 0.022598648 |
| Austria | 0.055424437 | 0.087960532 | 0.022510755 |
| United Republic of Tanzania | 0.055099051 | 0.087835438 | 0.02424563 |
| Madagascar | 0.053133248 | 0.08675773 | 0.021209388 |
| Luxembourg | 0.052631567 | 0.085816848 | 0.017687864 |
| Brunei Darussalam | 0.051627075 | 0.08166187 | 0.01867539 |
| Australia | 0.050944126 | 0.085168109 | 0.015762285 |
| Portugal | 0.050450159 | 0.085342334 | 0.01632224 |
| Republic of Moldova | 0.049832803 | 0.089176677 | 0.010137934 |
| Uzbekistan | 0.049579976 | 0.081733804 | 0.02043253 |
| Zimbabwe | 0.049248591 | 0.082429482 | 0.019982173 |
| Argentina | 0.04919295 | 0.087394185 | 0.012964784 |
| Italy | 0.048580977 | 0.073785597 | 0.02099756 |
| Finland | 0.048411701 | 0.082504608 | 0.011533585 |
| South Sudan | 0.047963894 | 0.079675781 | 0.016599547 |
| Ireland | 0.047926759 | 0.090097992 | 0.016698516 |
| South Africa | 0.047774898 | 0.068378738 | 0.028370018 |
| Monaco | 0.047704964 | 0.083010129 | 0.014975252 |
| Colombia | 0.047143035 | 0.082114036 | 0.016351626 |
| Costa Rica | 0.046965524 | 0.08418431 | 0.008229916 |
| Central African Republic | 0.04683876 | 0.082667805 | 0.013427389 |
| Democratic People's Republic of Korea | 0.046506215 | 0.078836641 | 0.017382255 |
| Morocco | 0.046054325 | 0.07571729 | 0.015570484 |
| Pakistan | 0.0455803 | 0.063835075 | 0.028365691 |
| Bangladesh | 0.045325987 | 0.070927049 | 0.019583681 |
| Croatia | 0.045154533 | 0.083331049 | 0.004984133 |
| Venezuela (Bolivarian Republic of) | 0.044995142 | 0.077002323 | 0.014798343 |
| Democratic Republic of the Congo | 0.044980802 | 0.08265052 | 0.009166242 |
| Dominican Republic | 0.044076824 | 0.075584101 | 0.012137302 |
| San Marino | 0.043957793 | 0.078505709 | 0.008620716 |
| Denmark | 0.043891809 | 0.076100833 | 0.01327185 |
| Kenya | 0.043790579 | 0.058663605 | 0.027938883 |
| Mauritania | 0.043179105 | 0.07491268 | 0.013600133 |
| Cabo Verde | 0.042620264 | 0.075778418 | 0.011907642 |
| Albania | 0.042497601 | 0.072501896 | 0.012416936 |
| Slovenia | 0.042164945 | 0.080389457 | 0.007109317 |
| Malaysia | 0.041951055 | 0.069528522 | 0.014910303 |
| Mauritius | 0.041670619 | 0.082385709 | 0.00487367 |
| Botswana | 0.041605272 | 0.073724679 | 0.010866008 |
| Indonesia | 0.041553085 | 0.055548167 | 0.027550273 |
| Bahamas | 0.041194794 | 0.07547868 | 0.008334551 |
| Lebanon | 0.041018542 | 0.073943444 | 0.011197245 |
| Tajikistan | 0.040391983 | 0.072150525 | 0.009672434 |
| Yemen | 0.039935191 | 0.066057724 | 0.016076887 |
| Iraq | 0.039644713 | 0.067174014 | 0.009596361 |
| Sao Tome and Principe | 0.039494124 | 0.07568278 | 0.005637659 |
| Belgium | 0.039374795 | 0.073965838 | 0.005678978 |
| Bahrain | 0.039283898 | 0.07153283 | 0.011172374 |
| Turkey | 0.039274344 | 0.074359002 | 0.009075788 |
| Uruguay | 0.039141101 | 0.077166425 | 0.005782537 |
| Saint Kitts and Nevis | 0.037887584 | 0.073262877 | 0.004953588 |
| Togo | 0.037353098 | 0.072120943 | 0.003394355 |
| Uganda | 0.037247395 | 0.072096847 | 0.002447165 |
| Guinea | 0.037218542 | 0.068941562 | 0.005662294 |
| Burkina Faso | 0.037105579 | 0.07885052 | -0.000143842 |
| Bermuda | 0.036928709 | 0.071585506 | 0.001011159 |
| Oman | 0.036428613 | 0.065076994 | 0.006059779 |
| Guyana | 0.03610686 | 0.069696226 | 0.001997322 |
| Syrian Arab Republic | 0.035801199 | 0.06382668 | 0.005163567 |
| Russian Federation | 0.035744944 | 0.058342401 | 0.011947407 |
| Palestine | 0.035360297 | 0.064130059 | 0.009436266 |
| Saudi Arabia | 0.035238151 | 0.065343588 | 0.006653756 |
| Guinea-Bissau | 0.03522784 | 0.066213238 | 0.00342792 |
| Lesotho | 0.035136331 | 0.06859347 | 0.002985713 |
| Cyprus | 0.035042116 | 0.072456848 | 0.001496932 |
| Liberia | 0.034660726 | 0.06882935 | 0.002321176 |
| Panama | 0.034586552 | 0.069115822 | -0.002098793 |
| Afghanistan | 0.034572984 | 0.065041662 | 0.010496717 |
| El Salvador | 0.034514204 | 0.069250052 | -0.002359544 |
| Côte d'Ivoire | 0.034399953 | 0.071644521 | 0.000156832 |
| Serbia | 0.033951899 | 0.067149039 | 0.002071547 |
| Czechia | 0.033913723 | 0.069708799 | -0.003614607 |
| Iceland | 0.033743889 | 0.068150866 | 0.001493979 |
| Nepal | 0.033596177 | 0.06156895 | 0.006765406 |
| United States of America | 0.032438923 | 0.046071489 | 0.020053231 |
| Eswatini | 0.032274118 | 0.060758909 | 0.005261442 |
| Senegal | 0.031979114 | 0.06457152 | -0.000136106 |
| Malta | 0.031384877 | 0.069553263 | -0.004479427 |
| Suriname | 0.031169842 | 0.067848239 | -0.002821256 |
| Greece | 0.031058021 | 0.067590341 | -0.002798741 |
| Thailand | 0.030804898 | 0.060236496 | -1.55162E-05 |
| United Arab Emirates | 0.03075667 | 0.064736916 | -0.003939449 |
| Tunisia | 0.030284384 | 0.064857166 | -0.001233076 |
| Netherlands | 0.030031491 | 0.060797386 | -0.002000905 |
| Honduras | 0.029924261 | 0.060324571 | 0.001695342 |
| Vanuatu | 0.029748188 | 0.05762783 | 0.003751845 |
| Cameroon | 0.029612805 | 0.066335887 | -0.002043781 |
| Canada | 0.029434915 | 0.066508876 | -0.005029784 |
| Nauru | 0.029430323 | 0.063044189 | -0.003793393 |
| Algeria | 0.02936296 | 0.057551089 | 0.001967481 |
| Grenada | 0.028874478 | 0.066206011 | -0.006284401 |
| Sweden | 0.028672294 | 0.056500895 | 0.000808118 |
| Namibia | 0.028591769 | 0.06457395 | -0.005495684 |
| Kyrgyzstan | 0.028436344 | 0.059258128 | 4.02464E-05 |
| Chile | 0.028435472 | 0.06761913 | -0.005086393 |
| Equatorial Guinea | 0.028181023 | 0.063838024 | -0.002520552 |
| Mozambique | 0.028165705 | 0.063680477 | -0.007669143 |
| Belarus | 0.02799087 | 0.062639936 | -0.007674262 |
| Nicaragua | 0.027952915 | 0.066554288 | -0.006186851 |
| Kiribati | 0.027669749 | 0.057326834 | 0.001518106 |
| Maldives | 0.027285102 | 0.057475381 | -0.003476426 |
| Jordan | 0.026447355 | 0.054333943 | -0.002150635 |
| Philippines | 0.026316719 | 0.047846629 | 0.004836371 |
| Greenland | 0.026254644 | 0.062082456 | -0.004679419 |
| Saint Lucia | 0.026124801 | 0.061890207 | -0.009098225 |
| Mali | 0.026069804 | 0.053025305 | -0.002491472 |
| Sri Lanka | 0.024993776 | 0.054281787 | -0.00567242 |
| Cuba | 0.024291129 | 0.055216786 | -0.007134424 |
| Micronesia (Federated States of) | 0.02426576 | 0.058052472 | -0.005195927 |
| Malawi | 0.024248508 | 0.052767777 | -0.005744691 |
| Gambia | 0.024179085 | 0.05371052 | -0.007685061 |
| Romania | 0.022536856 | 0.057237512 | -0.010984486 |
| Azerbaijan | 0.022206703 | 0.052912409 | -0.006824303 |
| Guatemala | 0.021646882 | 0.051308519 | -0.005934062 |
| Trinidad and Tobago | 0.021561169 | 0.059166544 | -0.014895329 |
| Libya | 0.021439737 | 0.049951579 | -0.004688938 |
| Niger | 0.021224389 | 0.048077359 | -0.008140671 |
| Mexico | 0.020832249 | 0.042726262 | -0.000314198 |
| Dominica | 0.020782499 | 0.053545238 | -0.01086568 |
| Israel | 0.020760749 | 0.056670448 | -0.016407181 |
| Egypt | 0.019940684 | 0.050010499 | -0.009890023 |
| Benin | 0.019895688 | 0.049390123 | -0.007997951 |
| Fiji | 0.019452988 | 0.047845761 | -0.007518784 |
| Comoros | 0.018081366 | 0.047061506 | -0.008183095 |
| Lao People's Democratic Republic | 0.017993903 | 0.052851939 | -0.015724586 |
| Armenia | 0.017515176 | 0.051847942 | -0.016656424 |
| Qatar | 0.016675791 | 0.053227419 | -0.01867084 |
| Niue | 0.016332988 | 0.047441059 | -0.017335755 |
| Ecuador | 0.016224585 | 0.04754146 | -0.013959683 |
| Singapore | 0.016163604 | 0.050306262 | -0.015896279 |
| Peru | 0.015615391 | 0.048899734 | -0.01803032 |
| Turkmenistan | 0.015136978 | 0.048993247 | -0.016917325 |
| Poland | 0.015078056 | 0.043401311 | -0.009176079 |
| Seychelles | 0.014984404 | 0.048394096 | -0.0137739 |
| Samoa | 0.014313014 | 0.048968728 | -0.016851847 |
| Kuwait | 0.014271108 | 0.044352138 | -0.013865319 |
| Jamaica | 0.014014951 | 0.049461855 | -0.018098746 |
| Brazil | 0.013231706 | 0.033126598 | -0.004744033 |
| Timor-Leste | 0.012869252 | 0.039210461 | -0.013450478 |
| Bolivia (Plurinational State of) | 0.012722638 | 0.04499863 | -0.020761327 |
| Puerto Rico | 0.012682622 | 0.039613642 | -0.015853203 |
| Marshall Islands | 0.012010845 | 0.043153766 | -0.021276207 |
| Saint Vincent and the Grenadines | 0.011967215 | 0.04372315 | -0.020637911 |
| Somalia | 0.011263622 | 0.03959858 | -0.016999626 |
| United States Virgin Islands | 0.010630139 | 0.045771935 | -0.026647208 |
| Tuvalu | 0.010304202 | 0.04141701 | -0.018791743 |
| Bulgaria | 0.00962522 | 0.046099861 | -0.024602935 |
| Ukraine | 0.009472739 | 0.044410682 | -0.025666351 |
| Papua New Guinea | 0.008296668 | 0.040753016 | -0.021754092 |
| Tokelau | 0.008021253 | 0.041274329 | -0.023692836 |
| Guam | 0.007570586 | 0.039672539 | -0.023351227 |
| Northern Mariana Islands | 0.007486107 | 0.04059184 | -0.025498616 |
| Lithuania | 0.006864389 | 0.037297157 | -0.022389938 |
| Tonga | 0.006232753 | 0.038731352 | -0.02400747 |
| Haiti | 0.005989878 | 0.034170659 | -0.02143533 |
| Palau | 0.005669652 | 0.039723335 | -0.025571307 |
| Antigua and Barbuda | 0.005379003 | 0.041499678 | -0.026124644 |
| Congo | 0.00500217 | 0.043847187 | -0.026713875 |
| Myanmar | 0.004080008 | 0.032091447 | -0.023132783 |
| Latvia | 0.003726158 | 0.040343918 | -0.031397742 |
| American Samoa | 0.003710816 | 0.033784354 | -0.025347515 |
| Chad | 0.002295239 | 0.038831887 | -0.029828407 |
| Bosnia and Herzegovina | 0.000453835 | 0.03195273 | -0.030628788 |
| Solomon Islands | -0.0016701 | 0.02981118 | -0.032036657 |
| Estonia | -0.002070195 | 0.030157472 | -0.037778769 |
| Barbados | -0.003041375 | 0.031478116 | -0.036598648 |
| Viet Nam | -0.003560159 | 0.024426373 | -0.031701673 |
| Belize | -0.003876187 | 0.028829781 | -0.029509073 |
| Angola | -0.005436272 | 0.032078603 | -0.038506092 |
| Georgia | -0.007535725 | 0.026483568 | -0.041767808 |
| Iran (Islamic Republic of) | -0.013221157 | -0.004245814 | -0.022897803 |
| Cambodia | -0.021699402 | 0.010097916 | -0.052955836 |
| Republic of Korea | -0.021919118 | 0.028478392 | -0.070436793 |
| Mongolia | -0.026961376 | 0.006121554 | -0.05964557 |
| Cook Islands | -0.057362963 | -0.02395267 | -0.089314882 |

# **Supplementary Table 6.** Percentage change of age standardised rates of YLDs per 100000 population among both sexes in 204 countries and territories between 2010 and 2021.

|  |  |  |  |
| --- | --- | --- | --- |
| **Location** | **Rate** | **95% Upper UI** | **95% Lower UI** |
| Turkmenistan | 0.392235696 | 0.565155264 | 0.212035634 |
| Nepal | 0.38459215 | 0.533847093 | 0.265456989 |
| Turkey | 0.368437323 | 0.522444019 | 0.23077933 |
| United States of America | 0.362808613 | 0.424484482 | 0.300206264 |
| Equatorial Guinea | 0.359305101 | 0.522031759 | 0.213840288 |
| Nauru | 0.344838239 | 0.534954089 | 0.197844778 |
| Morocco | 0.323698099 | 0.421862524 | 0.230810324 |
| Oman | 0.32290621 | 0.460258542 | 0.188718219 |
| Egypt | 0.313906335 | 0.557606185 | 0.112108161 |
| Dominican Republic | 0.313021179 | 0.448283546 | 0.197341327 |
| Sudan | 0.296046384 | 0.473720874 | 0.116019021 |
| Iraq | 0.287795863 | 0.464832176 | 0.132045275 |
| Cuba | 0.286696578 | 0.439175333 | 0.163921996 |
| Albania | 0.286214808 | 0.558508589 | 0.029333832 |
| Cabo Verde | 0.27530255 | 0.569386081 | -0.031611089 |
| Algeria | 0.267975169 | 0.373484673 | 0.164741681 |
| Tokelau | 0.267523077 | 0.409863143 | 0.152328384 |
| Saint Vincent and the Grenadines | 0.256243493 | 0.331371862 | 0.174217867 |
| Panama | 0.253027366 | 0.390354561 | 0.132656135 |
| Bahrain | 0.248501804 | 0.412671438 | 0.12626238 |
| India | 0.247425321 | 0.302615884 | 0.195709544 |
| Tunisia | 0.247185344 | 0.347558237 | 0.162251757 |
| Ghana | 0.245657726 | 0.44437708 | 0.048143682 |
| Saudi Arabia | 0.244120899 | 0.431593351 | 0.107588866 |
| Syrian Arab Republic | 0.242074247 | 0.385815001 | 0.090282357 |
| Poland | 0.239236648 | 0.310918129 | 0.177025216 |
| South Sudan | 0.228016877 | 0.413042131 | 0.065025887 |
| Costa Rica | 0.222334218 | 0.54065618 | 0.009659476 |
| Georgia | 0.220876874 | 0.329496161 | 0.130513785 |
| Nicaragua | 0.216049325 | 0.474380875 | -0.01972707 |
| Uzbekistan | 0.213983365 | 0.389320031 | 0.072767354 |
| Bhutan | 0.212318955 | 0.318543335 | 0.100466097 |
| Venezuela (Bolivarian Republic of) | 0.212091894 | 0.502316827 | -0.045595314 |
| Afghanistan | 0.209646299 | 0.413011484 | 0.027883603 |
| Paraguay | 0.207083975 | 0.316852395 | 0.105485636 |
| Guatemala | 0.203842595 | 0.449002787 | 0.027002765 |
| Grenada | 0.199267628 | 0.283324771 | 0.130628297 |
| Saint Kitts and Nevis | 0.192515055 | 0.361379794 | 0.04568586 |
| Lebanon | 0.190747834 | 0.278855369 | 0.107822129 |
| Azerbaijan | 0.183580485 | 0.371859952 | -0.007893116 |
| Kuwait | 0.183183004 | 0.260951474 | 0.104712798 |
| Saint Lucia | 0.176936578 | 0.243677335 | 0.110828291 |
| Iran (Islamic Republic of) | 0.174878315 | 0.23902292 | 0.124626489 |
| Colombia | 0.174808741 | 0.304726788 | 0.050055293 |
| Fiji | 0.172898899 | 0.330307372 | 0.026644503 |
| Gambia | 0.169814799 | 0.489949183 | -0.084435235 |
| Australia | 0.168130834 | 0.253175435 | 0.086582623 |
| El Salvador | 0.16650844 | 0.419804945 | -0.017557403 |
| Kazakhstan | 0.165679129 | 0.30193325 | 0.046536241 |
| Botswana | 0.165534547 | 0.370495161 | -0.063750935 |
| Lesotho | 0.165300223 | 0.434799021 | -0.063613307 |
| Namibia | 0.161534054 | 0.294144534 | 0.036628861 |
| Gabon | 0.159381164 | 0.297582787 | 0.000756303 |
| Antigua and Barbuda | 0.155790352 | 0.253601646 | 0.069735 |
| Sao Tome and Principe | 0.1553804 | 0.254129268 | 0.07021079 |
| Bolivia (Plurinational State of) | 0.152870964 | 0.348283441 | -0.005129852 |
| Kenya | 0.152253547 | 0.245838452 | 0.060057151 |
| Canada | 0.151907305 | 0.232961037 | 0.075610866 |
| Guyana | 0.149093808 | 0.264525578 | 0.044582202 |
| Argentina | 0.148819667 | 0.228432808 | 0.074174922 |
| Qatar | 0.148007068 | 0.351655175 | -0.006392184 |
| Mexico | 0.147773553 | 0.211768493 | 0.091797252 |
| Jordan | 0.14221996 | 0.26010701 | 0.042066203 |
| Guam | 0.14167305 | 0.216410541 | 0.058976073 |
| Angola | 0.141398449 | 0.316468791 | -0.033822411 |
| Suriname | 0.141057158 | 0.304902115 | -0.005394969 |
| United Arab Emirates | 0.140484012 | 0.378860943 | -0.068779621 |
| Rwanda | 0.140294102 | 0.30335704 | -0.003363144 |
| Bulgaria | 0.13970568 | 0.227471266 | 0.040024181 |
| Seychelles | 0.13600863 | 0.24274027 | 0.042789103 |
| Trinidad and Tobago | 0.135191127 | 0.207010852 | 0.068215193 |
| Puerto Rico | 0.134111589 | 0.351339439 | -0.047963792 |
| Estonia | 0.133683923 | 0.212715752 | 0.057935628 |
| Brazil | 0.132109669 | 0.183360841 | 0.077360803 |
| Myanmar | 0.131193699 | 0.301479746 | -0.00093762 |
| Peru | 0.125501188 | 0.283810021 | 0.000282581 |
| Ecuador | 0.125060098 | 0.360575351 | -0.05094403 |
| Montenegro | 0.124566727 | 0.315328193 | -0.029393704 |
| Romania | 0.124536555 | 0.315346768 | -0.025883661 |
| Djibouti | 0.11593233 | 0.286925565 | -0.03086373 |
| Thailand | 0.115368204 | 0.304273258 | -0.070878228 |
| Nigeria | 0.114472004 | 0.242380024 | -0.011031211 |
| Côte d'Ivoire | 0.10471104 | 0.228682351 | -0.018277567 |
| Indonesia | 0.104022866 | 0.19017602 | 0.031108722 |
| Mauritania | 0.098580116 | 0.396006471 | -0.167708127 |
| Philippines | 0.098218999 | 0.233653467 | -0.014605793 |
| Uruguay | 0.097311322 | 0.165203286 | 0.032324931 |
| Uganda | 0.096150809 | 0.315695081 | -0.103779813 |
| Tuvalu | 0.09581503 | 0.212421226 | -0.004160857 |
| Honduras | 0.095243962 | 0.292680712 | -0.083331344 |
| Liberia | 0.094732019 | 0.309637315 | -0.108237894 |
| Eritrea | 0.092775467 | 0.249693314 | -0.05234359 |
| American Samoa | 0.091042823 | 0.193485293 | -0.007077251 |
| Bosnia and Herzegovina | 0.089002079 | 0.21997884 | -0.034406771 |
| Jamaica | 0.086267024 | 0.166449889 | 0.021723756 |
| Bangladesh | 0.085902105 | 0.178720153 | -0.002214833 |
| Palestine | 0.083039663 | 0.242461049 | -0.054634002 |
| Solomon Islands | 0.082962111 | 0.201366468 | -0.038428981 |
| Niue | 0.081750654 | 0.185084633 | -0.022104904 |
| Timor-Leste | 0.08111958 | 0.236318328 | -0.041505642 |
| Marshall Islands | 0.080403334 | 0.184579261 | -0.013505469 |
| Madagascar | 0.079989075 | 0.22067641 | -0.058753513 |
| Ethiopia | 0.077332957 | 0.152123247 | 0.00930991 |
| Togo | 0.075746318 | 0.272779622 | -0.076101323 |
| Viet Nam | 0.074872449 | 0.363461055 | -0.161207936 |
| New Zealand | 0.074588674 | 0.146903685 | 0.007351375 |
| Greenland | 0.074579443 | 0.206476746 | -0.035206677 |
| Cook Islands | 0.071443468 | 0.266538337 | -0.101589099 |
| Barbados | 0.070450434 | 0.131578346 | 0.012580173 |
| Samoa | 0.069074281 | 0.179690187 | -0.035684283 |
| North Macedonia | 0.069026371 | 0.218778748 | -0.056156583 |
| United States Virgin Islands | 0.068205504 | 0.268783467 | -0.103674161 |
| Cambodia | 0.067100756 | 0.250355653 | -0.093441016 |
| Sri Lanka | 0.066177526 | 0.190227145 | -0.03841345 |
| Democratic Republic of the Congo | 0.063728553 | 0.206266512 | -0.078539621 |
| Iceland | 0.062431837 | 0.161759462 | -0.017674405 |
| Senegal | 0.061038855 | 0.27883046 | -0.124313429 |
| Palau | 0.060081126 | 0.170113401 | -0.044683153 |
| Chile | 0.059656614 | 0.327301845 | -0.150468056 |
| Vanuatu | 0.058963937 | 0.165925759 | -0.03347261 |
| Maldives | 0.058721224 | 0.257267826 | -0.115688033 |
| Bermuda | 0.058048315 | 0.169942856 | -0.034867944 |
| Zambia | 0.057050271 | 0.178275383 | -0.068841092 |
| Malaysia | 0.055030863 | 0.204631768 | -0.091213945 |
| Belize | 0.052246531 | 0.158114614 | -0.032682891 |
| Tajikistan | 0.050416625 | 0.178438521 | -0.067980976 |
| Bahamas | 0.04743543 | 0.127965104 | -0.032979771 |
| Dominica | 0.041969116 | 0.119320569 | -0.034123308 |
| Andorra | 0.041798644 | 0.175023777 | -0.061565039 |
| Mozambique | 0.041455311 | 0.411566597 | -0.225591074 |
| United Republic of Tanzania | 0.034646608 | 0.178587082 | -0.099105463 |
| Libya | 0.031887651 | 0.189637862 | -0.092617014 |
| Mali | 0.030570534 | 0.254605679 | -0.160995104 |
| Malawi | 0.027680125 | 0.144768702 | -0.076500359 |
| Serbia | 0.026949941 | 0.139964467 | -0.072178392 |
| Haiti | 0.026230288 | 0.113635321 | -0.056251895 |
| Pakistan | 0.022913661 | 0.121344039 | -0.073226281 |
| Micronesia (Federated States of) | 0.020564085 | 0.117679411 | -0.07482571 |
| Comoros | 0.020502085 | 0.173520145 | -0.101990813 |
| Brunei Darussalam | 0.01796615 | 0.197899529 | -0.153251607 |
| China | 0.017212794 | 0.133968973 | -0.07579252 |
| Kyrgyzstan | 0.014211368 | 0.103530268 | -0.068567671 |
| United Kingdom | 0.013369825 | 0.066495038 | -0.036857647 |
| Greece | 0.012046126 | 0.109485419 | -0.070139306 |
| South Africa | 0.010776443 | 0.078427513 | -0.048404897 |
| Lao People's Democratic Republic | 0.01066732 | 0.216941829 | -0.159545247 |
| Armenia | 0.008064953 | 0.143381533 | -0.11975078 |
| Cameroon | 0.007972832 | 0.191938001 | -0.151187238 |
| Kiribati | 0.007803932 | 0.112350203 | -0.092330862 |
| Congo | 0.007661108 | 0.126838965 | -0.1273353 |
| Belarus | 0.004093944 | 0.081073618 | -0.070177851 |
| Northern Mariana Islands | 0.002895161 | 0.088897202 | -0.067032493 |
| Burkina Faso | -0.00067577 | 0.228040743 | -0.206695663 |
| Sweden | -0.003110664 | 0.083711112 | -0.070202286 |
| Guinea-Bissau | -0.004013518 | 0.257037598 | -0.211539173 |
| Latvia | -0.006237385 | 0.067474409 | -0.085451149 |
| Ireland | -0.007794677 | 0.064633221 | -0.065993942 |
| Russian Federation | -0.009781269 | 0.037412372 | -0.052211178 |
| Netherlands | -0.013307351 | 0.061248035 | -0.078242067 |
| Tonga | -0.014567779 | 0.193990289 | -0.184206659 |
| Chad | -0.018985658 | 0.18953142 | -0.178458531 |
| Slovakia | -0.019498335 | 0.073166526 | -0.09951508 |
| Niger | -0.020162708 | 0.17895421 | -0.208842272 |
| Mongolia | -0.020340397 | 0.268202248 | -0.246060044 |
| Monaco | -0.028679606 | 0.098059079 | -0.140538999 |
| Ukraine | -0.030475553 | 0.231087686 | -0.229558677 |
| Yemen | -0.032982833 | 0.064060365 | -0.116623037 |
| Somalia | -0.03324951 | 0.117142544 | -0.166609449 |
| Czechia | -0.037601455 | 0.035100211 | -0.105906408 |
| Benin | -0.039304641 | 0.168115335 | -0.212871668 |
| Lithuania | -0.041930354 | 0.0687774 | -0.138079465 |
| Republic of Moldova | -0.042390632 | 0.168440393 | -0.201021472 |
| Belgium | -0.047526689 | 0.137002168 | -0.181273755 |
| Central African Republic | -0.050007294 | 0.080073169 | -0.182492591 |
| San Marino | -0.050191308 | 0.080579782 | -0.161542997 |
| Papua New Guinea | -0.053170839 | 0.104998254 | -0.206422671 |
| Sierra Leone | -0.054249801 | 0.187401702 | -0.271180917 |
| Guinea | -0.057642627 | 0.168561817 | -0.232700114 |
| Democratic People's Republic of Korea | -0.058576042 | 0.120067768 | -0.20000556 |
| Cyprus | -0.062659628 | 0.041739357 | -0.1690108 |
| France | -0.063022072 | 0.043853291 | -0.148535213 |
| Mauritius | -0.064833232 | -0.006242676 | -0.122384168 |
| Republic of Korea | -0.077341072 | 0.112341242 | -0.240839686 |
| Israel | -0.079303183 | 0.016405764 | -0.152201896 |
| Burundi | -0.081653343 | 0.023572631 | -0.178062646 |
| Zimbabwe | -0.08781735 | 0.125578458 | -0.293332908 |
| Malta | -0.089938993 | -0.031067275 | -0.14983408 |
| Finland | -0.091804352 | 0.114360511 | -0.249185786 |
| Eswatini | -0.099410855 | 0.101125478 | -0.280150011 |
| Singapore | -0.099586426 | -0.020942966 | -0.175353527 |
| Switzerland | -0.101822708 | -0.033172735 | -0.162014391 |
| Germany | -0.104795094 | 0.046639952 | -0.221024152 |
| Spain | -0.115870307 | -0.047508036 | -0.176193917 |
| Croatia | -0.116419518 | -0.042616556 | -0.180481372 |
| Austria | -0.123855338 | 0.023598483 | -0.26531908 |
| Hungary | -0.135656963 | 0.029928073 | -0.265496533 |
| Portugal | -0.141228031 | -0.080484976 | -0.198036851 |
| Slovenia | -0.158611539 | -0.057476113 | -0.245377102 |
| Norway | -0.159141865 | -0.079411407 | -0.227701131 |
| Taiwan (Province of China) | -0.172783325 | -0.095882834 | -0.263491098 |
| Denmark | -0.174915169 | -0.065369912 | -0.27480742 |
| Luxembourg | -0.182480902 | -0.132271395 | -0.230892078 |
| Japan | -0.229922354 | -0.204427814 | -0.26009301 |
| Italy | -0.257419919 | -0.210475214 | -0.297375797 |

# **Supplementary Table 7.** The global prevalence rate and number of cases in males and females across different age groups in 2021

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sex | Age groups | Metric name | Year | Value (cases or cases, per 100,000 population) | 95% Upper UI (cases or cases, per 100,000 population) | 95% Lower UI (cases or cases, per 100,000 population) |
| Male | 15-19 years | Number | 2021 | 19034549.39 | 24226105.88 | 14502280.44 |
| Female | 15-19 years | Number | 2021 | 14101178.62 | 17952238.29 | 10785186.1 |
| Male | 15-19 years | Rate | 2021 | 5942.17059 | 7562.861139 | 4527.295213 |
| Female | 15-19 years | Rate | 2021 | 4643.892696 | 5912.148945 | 3551.848276 |
| Male | 20-24 years | Number | 2021 | 34735733.52 | 43756117.62 | 26208408.03 |
| Female | 20-24 years | Number | 2021 | 28108328.39 | 35296060.02 | 21348242.47 |
| Male | 20-24 years | Rate | 2021 | 11448.59412 | 14421.63386 | 8638.062181 |
| Female | 20-24 years | Rate | 2021 | 9568.726425 | 12015.59686 | 7267.436504 |
| Male | 25-29 years | Number | 2021 | 49688125.21 | 62992844.85 | 38650131.26 |
| Female | 25-29 years | Number | 2021 | 42981860.69 | 54373465.2 | 33460074.8 |
| Male | 25-29 years | Rate | 2021 | 16709.98194 | 21184.32313 | 12997.93447 |
| Female | 25-29 years | Rate | 2021 | 14771.04499 | 18685.85697 | 11498.81048 |
| Male | 30-34 years | Number | 2021 | 62017034.23 | 77496342.85 | 47782674.18 |
| Female | 30-34 years | Number | 2021 | 53692186.25 | 67763592.58 | 41281707.01 |
| Male | 30-34 years | Rate | 2021 | 20296.89931 | 25362.95854 | 15638.28614 |
| Female | 30-34 years | Rate | 2021 | 17961.40553 | 22668.64978 | 13809.78373 |
| Male | 35-39 years | Number | 2021 | 63756542.98 | 81146115.48 | 49281789.89 |
| Female | 35-39 years | Number | 2021 | 54944087.63 | 70722609.9 | 42305057.47 |
| Male | 35-39 years | Rate | 2021 | 22523.77005 | 28667.11964 | 17410.16139 |
| Female | 35-39 years | Rate | 2021 | 19778.09464 | 25457.85237 | 15228.45253 |
| Male | 40-44 years | Number | 2021 | 63787970.78 | 79676999.64 | 49924125.04 |
| Female | 40-44 years | Number | 2021 | 55025301.68 | 69166382.89 | 42666013.87 |
| Male | 40-44 years | Rate | 2021 | 25296.5316 | 31597.67766 | 19798.51673 |
| Female | 40-44 years | Rate | 2021 | 22179.58513 | 27879.56868 | 17197.80642 |
| Male | 45-49 years | Number | 2021 | 65640610.49 | 81629621.04 | 51861514.12 |
| Female | 45-49 years | Number | 2021 | 58262072.21 | 72846043.25 | 45884741.23 |
| Male | 45-49 years | Rate | 2021 | 27596.0838 | 34318.05167 | 21803.18981 |
| Female | 45-49 years | Rate | 2021 | 24724.76455 | 30913.78661 | 19472.1777 |
| Male | 50-54 years | Number | 2021 | 63019113.34 | 77562536.07 | 48636949.58 |
| Female | 50-54 years | Number | 2021 | 58471158.85 | 73651199.98 | 45044583.25 |
| Male | 50-54 years | Rate | 2021 | 28389.49241 | 34941.16169 | 21910.4687 |
| Female | 50-54 years | Rate | 2021 | 26227.00531 | 33035.95227 | 20204.56833 |
| Male | 55-59 years | Number | 2021 | 57662719.26 | 72170774.89 | 45375416.83 |
| Female | 55-59 years | Number | 2021 | 56541039.91 | 71095966.65 | 44101656.79 |
| Male | 55-59 years | Rate | 2021 | 29612.46538 | 37063.02096 | 23302.36897 |
| Female | 55-59 years | Rate | 2021 | 28129.37745 | 35370.50759 | 21940.73812 |
| Male | 60-64 years | Number | 2021 | 48766971 | 61508683 | 36892445.83 |
| Female | 60-64 years | Number | 2021 | 49377131.93 | 63052968.66 | 37163982.58 |
| Male | 60-64 years | Rate | 2021 | 31353.95178 | 39546.03374 | 23719.41385 |
| Female | 60-64 years | Rate | 2021 | 30014.49876 | 38327.52482 | 22590.58526 |
| Male | 65-69 years | Number | 2021 | 44511848.86 | 54917610.58 | 35722724.24 |
| Female | 65-69 years | Number | 2021 | 48142675.78 | 60024288.16 | 38418455.51 |
| Male | 65-69 years | Rate | 2021 | 33763.75338 | 41656.87805 | 27096.90301 |
| Female | 65-69 years | Rate | 2021 | 33430.34245 | 41680.95097 | 26677.83008 |
| Male | 70-74 years | Number | 2021 | 34752937.88 | 42161417.2 | 28167432.97 |
| Female | 70-74 years | Number | 2021 | 39065854.91 | 47865899.39 | 31180995.74 |
| Male | 70-74 years | Rate | 2021 | 36053.97726 | 43739.80647 | 29221.93202 |
| Female | 70-74 years | Rate | 2021 | 35693.59277 | 43733.99544 | 28489.37433 |
| Male | 75-79 years | Number | 2021 | 22999157.94 | 27756490.39 | 18532913.46 |
| Female | 75-79 years | Number | 2021 | 27123467.43 | 33244391.61 | 21573606.03 |
| Male | 75-79 years | Rate | 2021 | 38468.67117 | 46425.84326 | 30998.37635 |
| Female | 75-79 years | Rate | 2021 | 37620.4434 | 46110.20905 | 29922.74593 |
| Male | 80-84 | Number | 2021 | 13841638.82 | 16842443.45 | 10972020.83 |
| Female | 80-84 | Number | 2021 | 17930844.57 | 22038729.89 | 14075019.67 |
| Male | 80-84 | Rate | 2021 | 37765.17204 | 45952.49037 | 29935.77997 |
| Female | 80-84 | Rate | 2021 | 35206.01603 | 43271.57455 | 27635.36129 |
| Male | 85-89 | Number | 2021 | 5572942.434 | 6918385.639 | 4374490.996 |
| Female | 85-89 | Number | 2021 | 8300610.876 | 10529957.46 | 6412020.784 |
| Male | 85-89 | Rate | 2021 | 32301.93255 | 40100.40098 | 25355.45895 |
| Female | 85-89 | Rate | 2021 | 29156.52998 | 36987.28021 | 22522.71297 |
| Male | 90-94 | Number | 2021 | 1656268.07 | 2093746.481 | 1279074.876 |
| Female | 90-94 | Number | 2021 | 3000228.011 | 3849073.757 | 2291316.584 |
| Male | 90-94 | Rate | 2021 | 28416.71697 | 35922.56726 | 21945.18472 |
| Female | 90-94 | Rate | 2021 | 24875.70858 | 31913.72014 | 18997.93063 |
| Male | 95+ years | Number | 2021 | 424119.434 | 549725.8114 | 313598.513 |
| Female | 95+ years | Number | 2021 | 931686.0959 | 1240489.926 | 668404.077 |
| Male | 95+ years | Rate | 2021 | 28049.45016 | 36356.52015 | 20740.06791 |
| Female | 95+ years | Rate | 2021 | 23657.26206 | 31498.37204 | 16972.03648 |

Note: The prevalence of age groups <5years, 5-9 years, and 10-14 years was not available.

# **Supplementary Table 8.** The global incidence rate and number of cases in males and females across different age groups in 2021.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sex** | **Age groups** | **Metric name** | **Year** | **Value** (cases or cases, per 100,000 population) | **95% Upper UI** (cases or cases, per 100,000 population) | **95% Lower UI** (cases or cases, per 100,000 population) |
| Male | 15-19 years | Rate | 2021 | 1286.279304 | 1300.520743 | 1272.037864 |
| Female | 15-19 years | Rate | 2021 | 896.9490386 | 906.9920618 | 886.9060153 |
| Male | 15-19 years | Number | 2021 | 4120337.268 | 4165956.857 | 4074717.679 |
| Female | 15-19 years | Number | 2021 | 2723585.455 | 2754081.092 | 2693089.819 |
| Male | 20-24 years | Rate | 2021 | 1346.482784 | 1361.800313 | 1331.165255 |
| Female | 20-24 years | Rate | 2021 | 1036.111378 | 1047.96779 | 1024.254966 |
| Male | 20-24 years | Number | 2021 | 4085310.973 | 4131785.292 | 4038836.654 |
| Female | 20-24 years | Number | 2021 | 3043598.237 | 3078426.688 | 3008769.785 |
| Male | 25-29 years | Rate | 2021 | 1081.080887 | 1097.289018 | 1064.872757 |
| Female | 25-29 years | Rate | 2021 | 911.3356019 | 924.8295127 | 897.841691 |
| Male | 25-29 years | Number | 2021 | 3214658.32 | 3262854.16 | 3166462.481 |
| Female | 25-29 years | Number | 2021 | 2651870.595 | 2691136.158 | 2612605.032 |
| Male | 30-34 years | Rate | 2021 | 885.6711352 | 899.6153305 | 871.72694 |
| Female | 30-34 years | Rate | 2021 | 793.9818886 | 806.4022203 | 781.5615569 |
| Male | 30-34 years | Number | 2021 | 2706161.974 | 2748768.366 | 2663555.583 |
| Female | 30-34 years | Number | 2021 | 2373456.987 | 2410585.193 | 2336328.781 |
| Male | 35-39 years | Rate | 2021 | 761.7927523 | 774.9534074 | 748.6320972 |
| Female | 35-39 years | Rate | 2021 | 722.4177661 | 734.814053 | 710.0214791 |
| Male | 35-39 years | Number | 2021 | 2156356.252 | 2193609.246 | 2119103.258 |
| Female | 35-39 years | Number | 2021 | 2006896.305 | 2041333.529 | 1972459.081 |
| Male | 40-44 years | Rate | 2021 | 685.3562574 | 697.1339284 | 673.5785864 |
| Female | 40-44 years | Rate | 2021 | 687.4923392 | 699.0248698 | 675.9598085 |
| Male | 40-44 years | Number | 2021 | 1728200.752 | 1757899.437 | 1698502.066 |
| Female | 40-44 years | Number | 2021 | 1705598.781 | 1734209.82 | 1676987.742 |
| Male | 45-49 years | Rate | 2021 | 629.2684431 | 640.1981373 | 618.338749 |
| Female | 45-49 years | Rate | 2021 | 675.6196556 | 687.1649832 | 664.074328 |
| Male | 45-49 years | Number | 2021 | 1496790.815 | 1522788.41 | 1470793.221 |
| Female | 45-49 years | Number | 2021 | 1592047.564 | 1619253.271 | 1564841.856 |
| Male | 50-54 years | Rate | 2021 | 618.7745585 | 631.8977913 | 605.6513257 |
| Female | 50-54 years | Rate | 2021 | 694.8550425 | 708.9357431 | 680.7743419 |
| Male | 50-54 years | Number | 2021 | 1373558.339 | 1402689.346 | 1344427.332 |
| Female | 50-54 years | Number | 2021 | 1549127.668 | 1580519.543 | 1517735.792 |
| Male | 55-59 years | Rate | 2021 | 655.5626674 | 667.355907 | 643.7694277 |
| Female | 55-59 years | Rate | 2021 | 749.364887 | 762.4409724 | 736.2888015 |
| Male | 55-59 years | Number | 2021 | 1276540.996 | 1299505.321 | 1253576.671 |
| Female | 55-59 years | Number | 2021 | 1506249.829 | 1532533.222 | 1479966.437 |
| Male | 60-64 years | Rate | 2021 | 697.3143414 | 709.3076465 | 685.3210363 |
| Female | 60-64 years | Rate | 2021 | 786.5893343 | 799.8544173 | 773.3242513 |
| Male | 60-64 years | Number | 2021 | 1084581.252 | 1103235.269 | 1065927.234 |
| Female | 60-64 years | Number | 2021 | 1294025.452 | 1315847.964 | 1272202.941 |
| Male | 65-69 years | Rate | 2021 | 684.0936624 | 696.1397934 | 672.0475314 |
| Female | 65-69 years | Rate | 2021 | 786.5669005 | 800.1619943 | 772.9718067 |
| Male | 65-69 years | Number | 2021 | 901862.8161 | 917743.6205 | 885982.0117 |
| Female | 65-69 years | Number | 2021 | 1132726.514 | 1152304.662 | 1113148.366 |
| Male | 70-74 years | Rate | 2021 | 585.2136049 | 595.0574068 | 575.369803 |
| Female | 70-74 years | Rate | 2021 | 668.6537965 | 679.7361406 | 657.5714524 |
| Male | 70-74 years | Number | 2021 | 564095.6588 | 573584.2384 | 554607.0792 |
| Female | 70-74 years | Number | 2021 | 731826.9238 | 743956.3065 | 719697.5411 |
| Male | 75-79 years | Rate | 2021 | 478.3603403 | 487.2038179 | 469.5168627 |
| Female | 75-79 years | Rate | 2021 | 543.2390668 | 553.1987031 | 533.2794304 |
| Male | 75-79 years | Number | 2021 | 285995.9724 | 291283.1979 | 280708.7469 |
| Female | 75-79 years | Number | 2021 | 391662.7716 | 398843.4385 | 384482.1048 |
| Male | 80-84 | Rate | 2021 | 402.9441093 | 411.2842272 | 394.6039913 |
| Female | 80-84 | Rate | 2021 | 451.6806349 | 461.0147738 | 442.346496 |
| Male | 80-84 | Number | 2021 | 147686.5197 | 150743.3282 | 144629.7112 |
| Female | 80-84 | Number | 2021 | 230046.3436 | 234800.3321 | 225292.3552 |
| Male | 85-89 | Rate | 2021 | 364.5372808 | 371.403629 | 357.6709325 |
| Female | 85-89 | Rate | 2021 | 414.2195704 | 422.0125217 | 406.4266192 |
| Male | 85-89 | Number | 2021 | 62892.37579 | 64077.00348 | 61707.74811 |
| Female | 85-89 | Number | 2021 | 117924.7144 | 120143.3 | 115706.1289 |
| Male | 90-94 | Rate | 2021 | 372.7681994 | 379.503829 | 366.0325699 |
| Female | 90-94 | Rate | 2021 | 427.1139863 | 434.7834339 | 419.4445387 |
| Male | 90-94 | Number | 2021 | 21726.79085 | 22119.37695 | 21334.20475 |
| Female | 90-94 | Number | 2021 | 51513.68217 | 52438.68462 | 50588.67971 |
| Male | 95+ years | Rate | 2021 | 400.3868549 | 410.2388794 | 390.5348304 |
| Female | 95+ years | Rate | 2021 | 464.7585451 | 476.1392654 | 453.3778248 |
| Male | 95+ years | Number | 2021 | 6054.016935 | 6202.983671 | 5905.050199 |
| Female | 95+ years | Number | 2021 | 18303.43145 | 18751.63458 | 17855.22832 |

Note: The incidence of age groups <5years, 5-9 years, and 10-14 years was not available.

# **Supplementary Table 9.** The global YLDs rate and number of cases in males and females across different age groups in 2021.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sex** | **Age groups** | **Metric name** | **Value** (years or years, per 100,000 population) | **95% Upper UI** (years or years, per 100,000 population) | **95% Lower UI** (years or years, per 100,000 population) |
| Male | 15-19 years | Number | 217.7693959 | 461.0972768 | 82.64535809 |
| Female | 15-19 years | Number | 260.3415269 | 527.1581652 | 110.5103532 |
| Male | 15-19 years | Rate | 0.067982849 | 0.143944499 | 0.025800076 |
| Female | 15-19 years | Rate | 0.08573738 | 0.173607187 | 0.036393995 |
| Male | 20-24 years | Number | 280.7605294 | 543.4884893 | 137.1027262 |
| Female | 20-24 years | Number | 397.1166933 | 775.204629 | 195.6993102 |
| Male | 20-24 years | Rate | 0.092536216 | 0.179129055 | 0.04518786 |
| Female | 20-24 years | Rate | 0.135187726 | 0.263897622 | 0.066620581 |
| Male | 25-29 years | Number | 402.7338349 | 795.1708792 | 174.042377 |
| Female | 25-29 years | Number | 499.2961968 | 998.4510867 | 216.6203534 |
| Male | 25-29 years | Rate | 0.135438298 | 0.267413813 | 0.05852998 |
| Female | 25-29 years | Rate | 0.171586955 | 0.343125348 | 0.07444324 |
| Male | 30-34 years | Number | 664.2489849 | 1155.667328 | 331.669454 |
| Female | 30-34 years | Number | 705.9938809 | 1238.942359 | 356.011347 |
| Male | 30-34 years | Rate | 0.217395026 | 0.378226139 | 0.108548588 |
| Female | 30-34 years | Rate | 0.236172957 | 0.414457814 | 0.119094874 |
| Male | 35-39 years | Number | 808.9623801 | 1442.855518 | 370.5161687 |
| Female | 35-39 years | Number | 834.6671953 | 1454.642181 | 379.9132707 |
| Male | 35-39 years | Rate | 0.285788435 | 0.509728796 | 0.13089513 |
| Female | 35-39 years | Rate | 0.300453197 | 0.523624141 | 0.136756491 |
| Male | 40-44 years | Number | 1091.805407 | 1884.087306 | 541.4026196 |
| Female | 40-44 years | Number | 1080.247142 | 1833.655791 | 554.2452331 |
| Male | 40-44 years | Rate | 0.432979598 | 0.747176521 | 0.214705191 |
| Female | 40-44 years | Rate | 0.435425754 | 0.739109527 | 0.223405033 |
| Male | 45-49 years | Number | 1521.313912 | 2795.146445 | 784.4808967 |
| Female | 45-49 years | Number | 1448.296871 | 2606.28283 | 768.4644492 |
| Male | 45-49 years | Rate | 0.639578241 | 1.175112403 | 0.329804985 |
| Female | 45-49 years | Rate | 0.614615954 | 1.106032224 | 0.326114432 |
| Male | 50-54 years | Number | 1974.977923 | 3519.235399 | 1078.003217 |
| Female | 50-54 years | Number | 1959.325304 | 3535.332409 | 1050.312136 |
| Male | 50-54 years | Rate | 0.889708182 | 1.585381027 | 0.485629875 |
| Female | 50-54 years | Rate | 0.878847558 | 1.585759265 | 0.471113323 |
| Male | 55-59 years | Number | 2215.513983 | 3960.036762 | 1258.002595 |
| Female | 55-59 years | Number | 2435.389825 | 4420.677399 | 1381.048469 |
| Male | 55-59 years | Rate | 1.137768596 | 2.033661489 | 0.646042344 |
| Female | 55-59 years | Rate | 1.211615487 | 2.199303432 | 0.687076745 |
| Male | 60-64 years | Number | 2303.608834 | 3892.646317 | 1337.438648 |
| Female | 60-64 years | Number | 2719.16756 | 4567.698218 | 1527.989386 |
| Male | 60-64 years | Rate | 1.481068822 | 2.502715309 | 0.859885 |
| Female | 60-64 years | Rate | 1.652879545 | 2.776531709 | 0.928807197 |
| Male | 65-69 years | Number | 2413.655667 | 3701.860029 | 1459.226682 |
| Female | 65-69 years | Number | 3241.142338 | 4972.327426 | 1811.96769 |
| Male | 65-69 years | Rate | 1.83084003 | 2.807986913 | 1.106873138 |
| Female | 65-69 years | Rate | 2.250653844 | 3.452791228 | 1.258232938 |
| Male | 70-74 years | Number | 2067.651283 | 3300.521732 | 1211.296773 |
| Female | 70-74 years | Number | 3048.921767 | 4864.808979 | 1720.090245 |
| Male | 70-74 years | Rate | 2.145057567 | 3.424082761 | 1.256643869 |
| Female | 70-74 years | Rate | 2.785731227 | 4.444866521 | 1.57160776 |
| Male | 75-79 years | Number | 1455.462891 | 2290.748298 | 813.1963411 |
| Female | 75-79 years | Number | 2379.077497 | 3774.539958 | 1272.021823 |
| Male | 75-79 years | Rate | 2.434424926 | 3.831533452 | 1.360162086 |
| Female | 75-79 years | Rate | 3.299797512 | 5.23531393 | 1.764303371 |
| Male | 80-84 | Number | 1095.896372 | 1709.008753 | 641.3572081 |
| Female | 80-84 | Number | 1929.722269 | 2987.752227 | 1109.618177 |
| Male | 80-84 | Rate | 2.990015531 | 4.662815612 | 1.749862543 |
| Female | 80-84 | Rate | 3.788880823 | 5.866251998 | 2.178661199 |
| Male | 85-89 | Number | 584.709165 | 871.4306333 | 366.5418864 |
| Female | 85-89 | Number | 1125.459688 | 1646.083577 | 707.4208069 |
| Male | 85-89 | Rate | 3.389095838 | 5.050993056 | 2.124552951 |
| Female | 85-89 | Rate | 3.953263156 | 5.781994348 | 2.484869641 |
| Male | 90-94 | Number | 200.5459374 | 317.9697717 | 117.600618 |
| Female | 90-94 | Number | 496.2947846 | 758.1218846 | 291.712953 |
| Male | 90-94 | Rate | 3.440781867 | 5.455431503 | 2.017682727 |
| Female | 90-94 | Rate | 4.114915395 | 6.285795281 | 2.418671642 |
| Male | 95+ years | Number | 55.74161 | 99.89799655 | 27.94653274 |
| Female | 95+ years | Number | 173.4493876 | 288.6059876 | 92.84806878 |
| Male | 95+ years | Rate | 3.686512303 | 6.606827348 | 1.848264461 |
| Female | 95+ years | Rate | 4.404206132 | 7.328248763 | 2.357587072 |

Note: The YLDs of age groups <5years, 5-9 years, and 10-14 years was not available.

# **Supplementary Figure 1**. Age-standardized years lived with disability (YLDs) of MASLD per 100,000 population in 2021, by country.

地图

描述已自动生成

# **Supplementary Figure 2.** Percentage change of age-standardized rates (ASRs) of MASLD prevalence per 100,000 population between 2010 and 2021, by country.

**地图

描述已自动生成**

# **Supplementary Figure 3.** Percentage change of age-standardized rates (ASRs) of MASLD incidence per 100,000 population between 2010 and 2021, by country.

地图

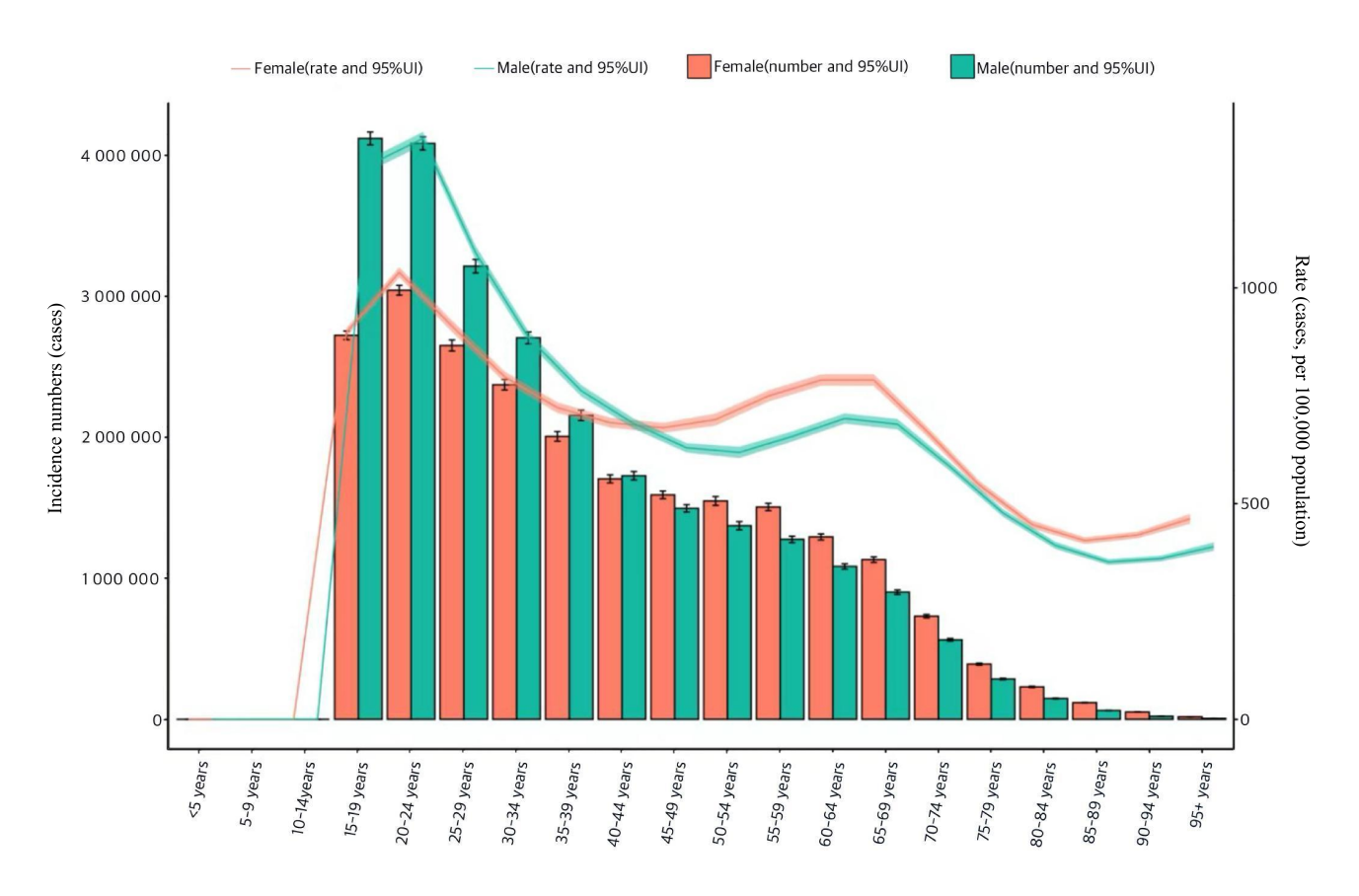
描述已自动生成

# **Supplementary Figure 4.** Percentage change of age-standardized rates (ASRs) of MASLD years lived with disability (YLDs) per 100,000 population between 2010 and 2021, by country.

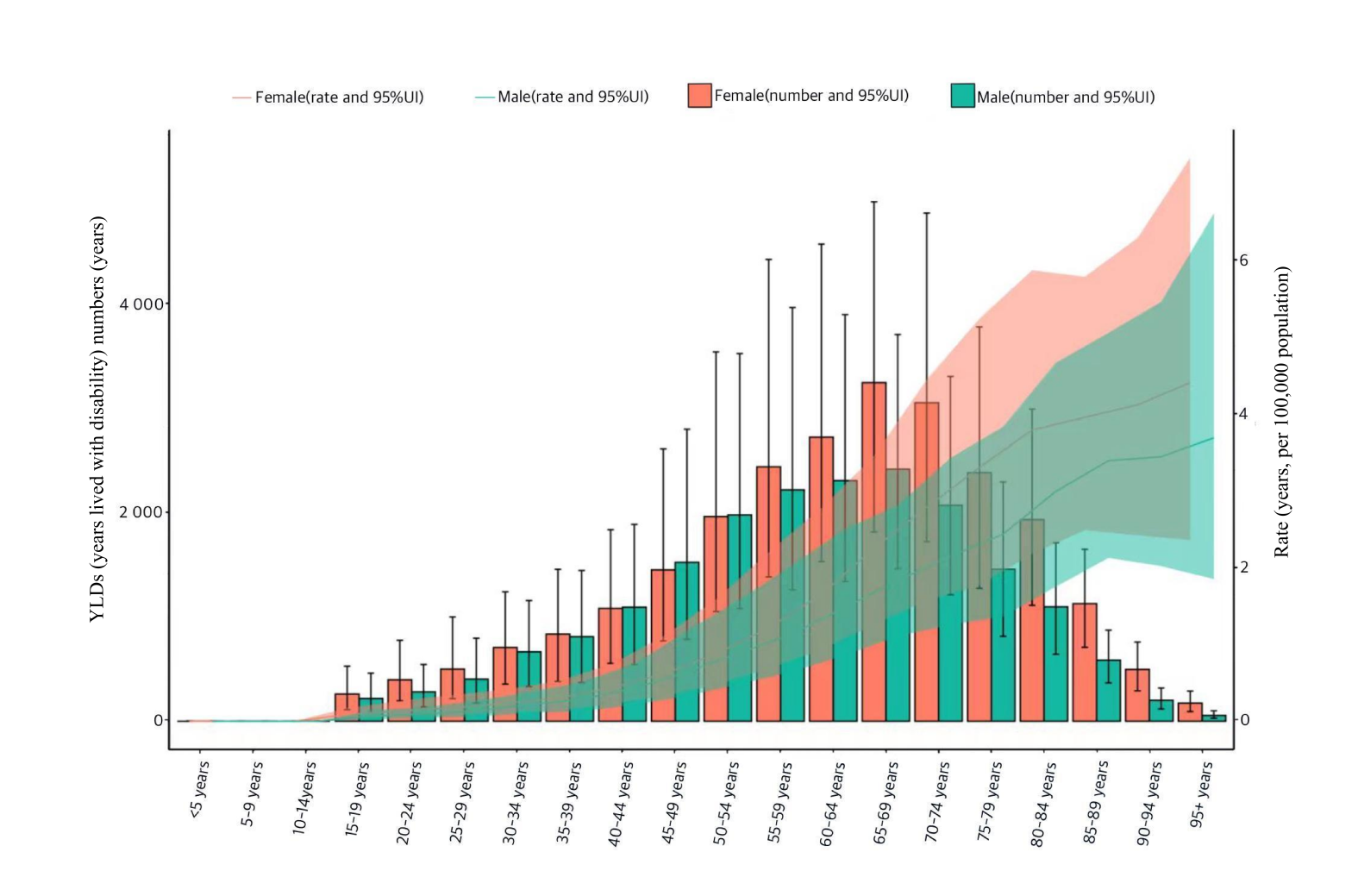
**地图

描述已自动生成**

# **Supplementary Figure 5.** Global number of incidence cases and age-standardized point incidence rates of MASLD per 100,000 population by age and sex, 2021. Dashed lines indicate 95% upper and lower uncertainty intervals (95% UI), respectively.



# **Supplementary Figure 6.** Global number of years lived with disability (YLDs) cases and age-standardized point YLDs of MASLD per 100,000 population by age and sex, 2021. Dashed lines indicate 95% upper and lower uncertainty intervals (95% UI), respectively.



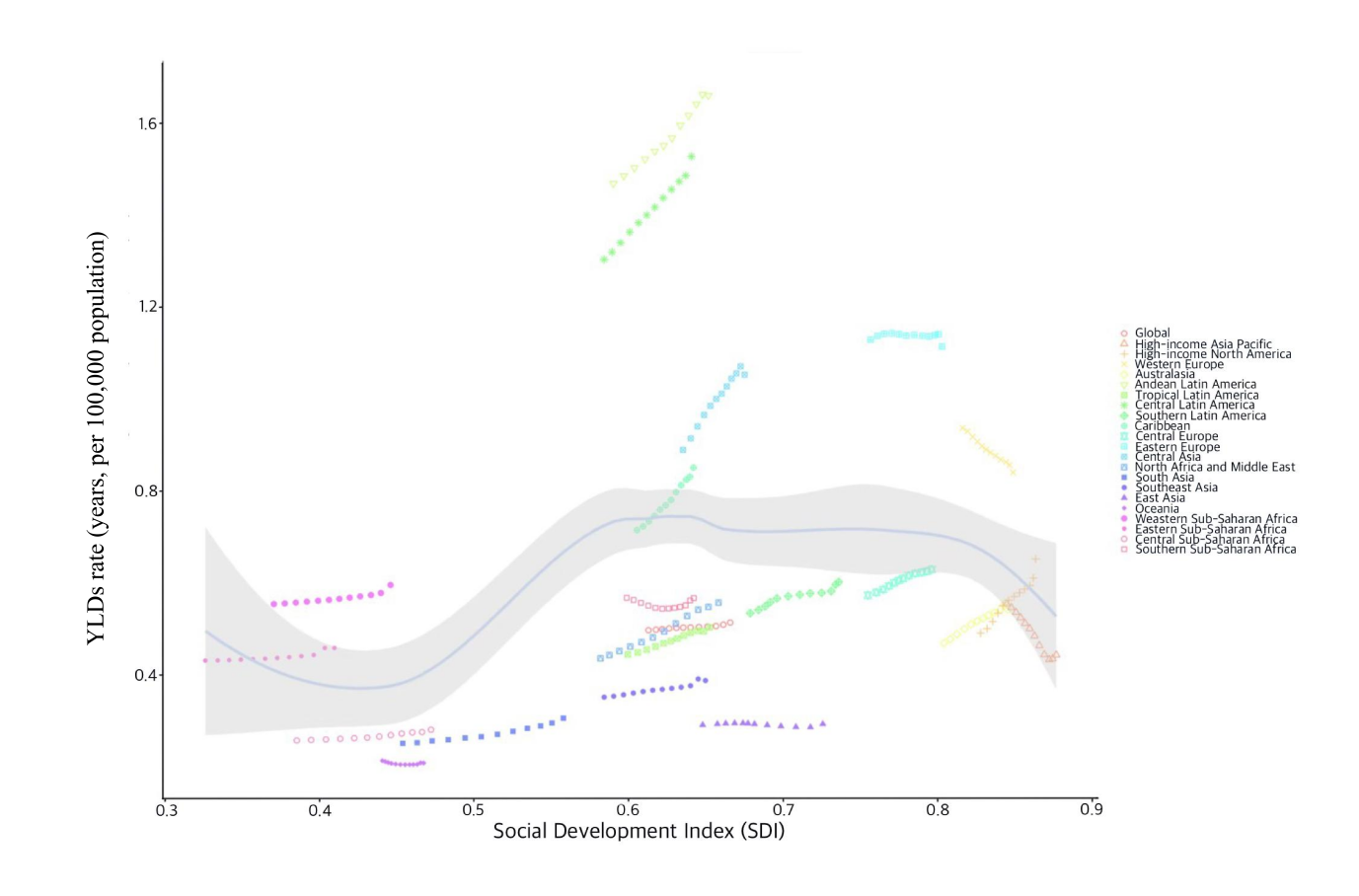
# **Supplementary Figure 7.** Age-standardized prevalence rates of MASLD per 100,000 population for 21 Global Burden of Disease regions by sociodemographic index (SDI), 2010-2021. SF7_00

Purple line represents expected values based on sociodemographic index and prevalence rates in all locations. Twelve points are plotted for each Global Burden of Disease region and show observed age-standardized incidence rates from 2010 to 2021 for that region.

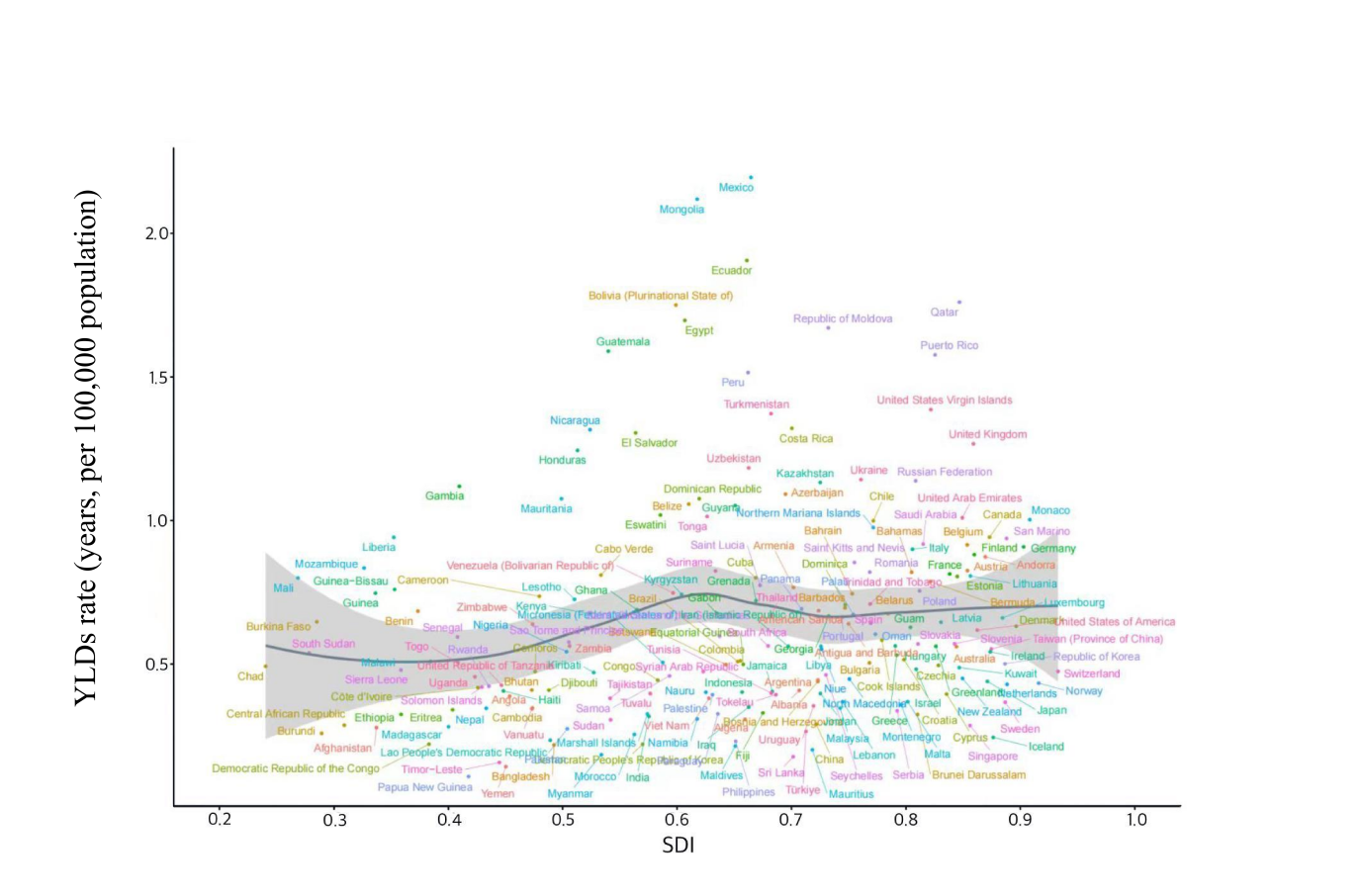
# **Supplementary Figure 8.** Age-standardized prevalence rates of MASLD per 100,000 population by countries and sociodemographic index (SDI), 2021. SF8_00

Black line represents expected values. Each point shows observed age-standardized incidence rates for specified country in 2021.

# **Supplementary Figure 9.** Age-standardized years lived with disability (YLDs) rates of MASLD per 100,000 population for 21 Global Burden of Disease regions by sociodemographic index (SDI), 2010-2021.



# **Supplementary Figure 10.** Age-standardized years lived with disability (YLDs) rates of MASLD per 100,000 population by 204 countries and sociodemographic index (SDI), 2021.



Black line represents expected values. Each point shows observed age-standardized incidence rates for specified country in 2021.