

Table 2 Member States of the World Health Organization Eastern Mediterranean Region with lowest and highest life expectancy

Member State at the node	Other countries at the node	Node	Decision rule for the node	Predicted life expectancy for the node (years)
Djibouti	Ethiopia, Gabon, Haiti, Kenya, Lesotho, Mozambique, Namibia, United Republic of Tanzania	21	SF ≤ 59% of population <i>and</i> HIV_AIDS > 48.87 deaths per 100 000 population <i>and</i> LIVERD ≤ 24.34 deaths per 100 000 population	61.077
Afghanistan, Sudan, Yemen	Benin, Comoros, Eritrea, Madagascar, Mauritania, Papua New Guinea, Senegal	19	SF ≤ 59% of population <i>and</i> 0.27 < HIV_AIDS ≤ 48.87 deaths per 100 000 population <i>and</i> 3.2 < FR ≤ 5.1 births per woman	62.760
Pakistan	Lao People's Democratic Republic	23	59 < SF ≤ 74% of population <i>and</i> HIV_AIDS ≤ 48.87 deaths per 100 000 population <i>and</i> HeoGE ≤ 5.5% of government expenditure	65.975
Iran (Islamic Republic of), Lebanon, Tunisia	Bahamas, Barbados, Colombia, Costa Rica, Cuba, Ireland, North Macedonia, Suriname, Turkey, Uruguay	35	74 < SF ≤ 96% of population <i>and</i> LIVERD ≤ 27.52 deaths per 100 000 population <i>and</i> HEoGE > 10.3% of government expenditure <i>and</i> LIVERD ≤ 11.59 deaths per 100 000 population	77.434
Bahrain	Czechia, Estonia	38	96 < SF ≤ 99% of population <i>and</i> STROKE ≤ 4.35 deaths per 100 000 population <i>and</i> HEpC ≤ US\$ 4063 per capita <i>and</i> CHD > 79.13 deaths per 100 000 population	77.457
Qatar	Chile, Slovenia, the United Kingdom	37	96 < SF ≤ 99% of population <i>and</i> STROKE ≤ 54.35 deaths per 100 000 population <i>and</i> HEpC ≤ US\$ 4063 dollars per capita <i>and</i>	80.202

CHD \leq 79.13 deaths per 100 000 population

SF: percentage of the population using improved sanitation facilities; HIV_AIDS: death rate per 100 000 population for HIV/AIDS; LIVERD: death rate per 100 000 population for liver disease; FR: total fertility rate as births per woman; HeoGE: public health expenditure as a per cent of government expenditure; STROKE: death rate per 100 000 population for stroke; HepC: health expenditure in US\$ per capita; CHD: death rate per 100 000 population for coronary heart disease.