

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 \leq 59% of population and HIV \rightarrow _AIDS $>$ 48.87 deaths per 100 000 population and LIVERD \leq 24.34 deaths per 100 000 population	61.077
Afghanistan, Sudan, Yemen	Benin, Comoros, Eritrea, Madagascar, Mauritania, Papua New Guinea, Senegal	19	SF \leq 59% of population and $0.27 <$ HIV \rightarrow _AIDS \leq 48.87 deaths per 100 000 population and $3.2 <$ FR \leq 5.1 births per woman	62.760
Pakistan	Lao People's Democratic Republic	23	$59 <$ SF \leq 74% of population and HIV \rightarrow _AIDS \leq 48.87 deaths per 100 000 population and HeoGE \leq 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 \leq 96% of population and LIVERD \leq 27.52 deaths per 100 000 population and HEoGE $>$ 10.3% of government expenditure and LIVERD \leq 11.59 deaths per 100 000 population	77.434
Bahrain	Czechia, Estonia	38	$96 <$ SF \leq 99% of population and STROKE \leq 54.35 deaths per 100 000 population and HEpC \leq US\$ 4063 per capita and CHD $>$ 79.13 deaths per 100 000 population	77.457
Qatar	Chile, Slovenia, United Kingdom	37	$96 <$ SF \leq 99% of population and STROKE \leq 54.35 deaths per 100 000 population and HEpC \leq US\$ 4063 dollars per capita and CHD \leq 79.13 deaths per 100 000 population	80.202

SF: percentage of the population using improved sanitation facilities; HIV \rightarrow _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 percent 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.