

**Table 1 List of variables and sources of data**

Categories	Variable	Source	Website
Human resources	No. of ophthalmologists	Iranian Society of Ophthalmology Iran Medical Council	www.irso.org www.irimc.org
	No. of optometrists	Association of Optometrists Iran Medical Council	www.iranoa.com www.irimc.org
Social determinants of health <sup>a</sup>	Gross household income	Iranian National Census 1390	www.amar.org.ir
	Gross household expenditure		
	Adult literacy		
	Unemployment rate	Prospect indicators of health in Iran	www.behdasht.gov.ir
	Population per provinces	Iranian National Census 1390	www.amar.org.ir
Health indicators <sup>b</sup>	Life expectancy	Iran's Multiple-Indicator Demographic and Health Survey	www.behdasht.gov.ir
	Child mortality rate	Landscape indicators of health in Islamic Republic of Iran	
	Crude death rate		
	Crude birth rate		
Health system infrastructure <sup>c</sup>	Distance to the nearby metropolis	National Cartographic Center	www.ncc.org.ir
	Population density	Iranian National Census 1390	www.amar.org.ir
	No. of hospitals	Ministry of Health and Medical Education	www.behdasht.gov.ir
	Total no. of hospital beds (hospital beds per population)		

<sup>a</sup>Defined by WHO as conditions are shaped by families and communities and by the distribution of money, power and resources at global, national and local levels (24).

<sup>b</sup>A health indicator is a single and measurable quantity that provides relevant and actionable information about population health (25).

<sup>c</sup>Physical facilities that make care accessible (26).