



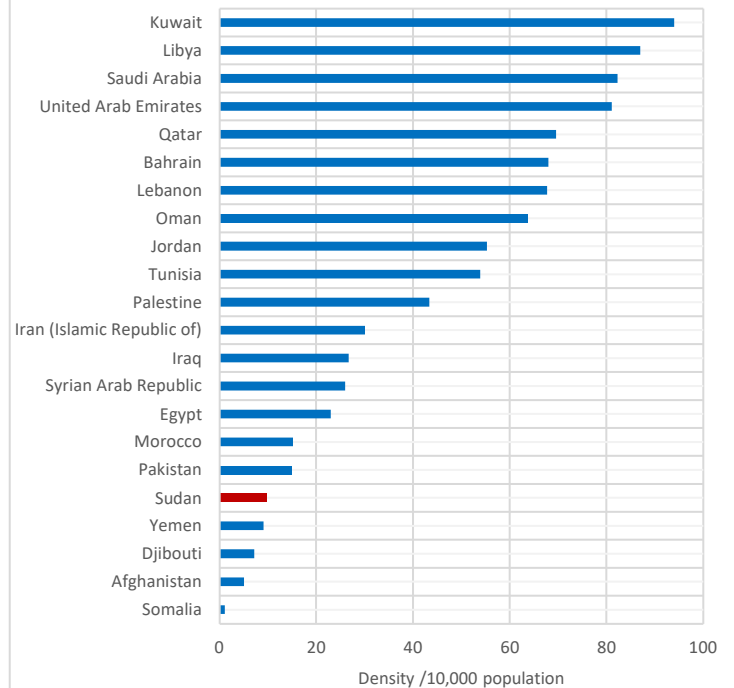
## Health workforce snapshot

# SUDAN

### SUDAN AT A GLANCE<sup>1</sup>

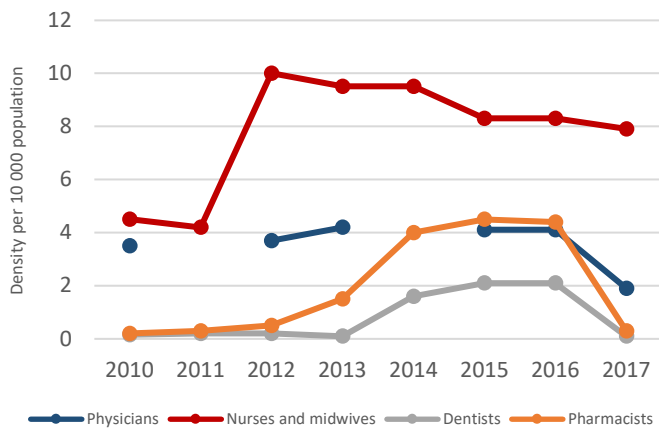
Total population (2019)	41 573 542
Gross national income per capita (US\$, 2018) <sup>2</sup>	4420
Unemployment (% of total labor force) (2018) <sup>2</sup>	12.87
Per capita current health expenditure (US\$ 2017)	152
Government health expenditure as % of general government expenditure (2017)	10.7
Out-of-pocket expenditure as % of current health expenditure (2018) <sup>3</sup>	69.3
Universal health coverage index (2018)	44
Number of refugees (2016)	421 454
Number of internally displaced persons (2016)	2 225 557
Maternal mortality per 100 000 live births (2017)	311
Under 5 mortality per 1000 live births (2017)	63
Births attended by skilled birth personnel (%) (2017)	78
Raised blood glucose (% , 18+ years) (2019) <sup>4</sup>	6%
Raised blood pressure (% , 18+ years) (2019) <sup>4</sup>	31.5
Hepatitis B incidence rate per 100 000 (2016)	2900

### Density of physicians, nurses and midwives in the countries of the Region (2017)



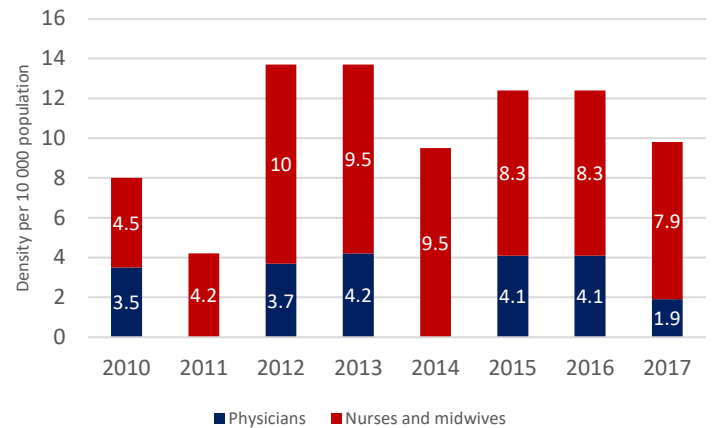
Source: Eastern Mediterranean Health Observatory.

### Density of selected health professionals (2010–2017)



Source: Eastern Mediterranean Health Observatory.

### Density of physicians, nurses and midwives (2010–2017)

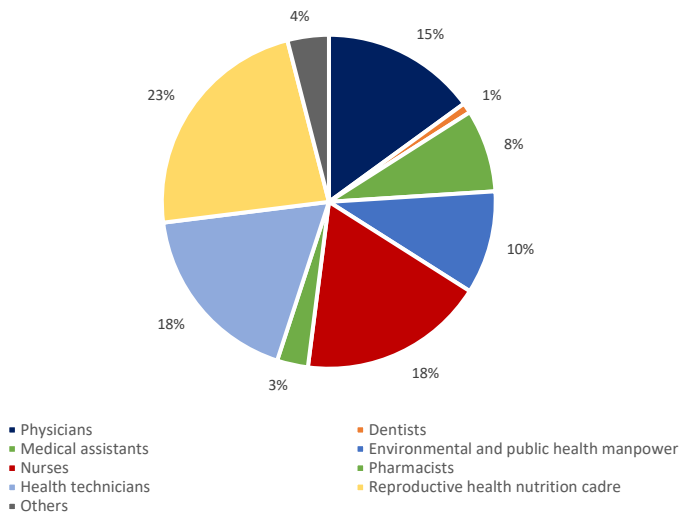


Source: Eastern Mediterranean Health Observatory.

## KEY FACTS

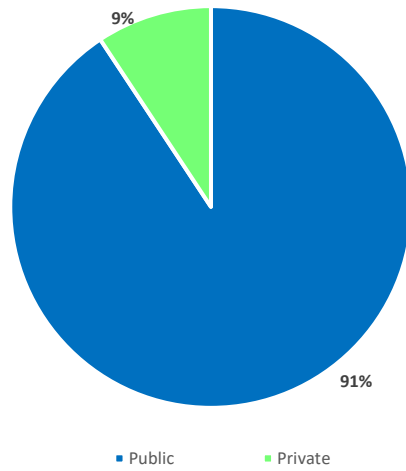
- Production of the human resources for the health workforce has increased significantly in recent years due to the expansion of health professional education institutions, especially the Academy of Health Sciences.
- 13 161 community midwives were trained through the primary health care expansion project (2014–2019).
- Sudan's Human Resources for Health Observatory has contributed to strengthening health workforce information over the past decade, especially for the public sector, but the system is still fragmented and could be further improved.
- Dual practice is common among public sector employees.
- Migration of health professionals due to economic reasons is one of the key health workforce issues. It has been estimated that 60% of physicians and 25% of pharmacists practice abroad.<sup>5</sup> In 2015, over 15 000 physicians were working in Saudi Arabia and over 3000 in the United Kingdom.<sup>6</sup>

**Health workforce by profession (2018)**



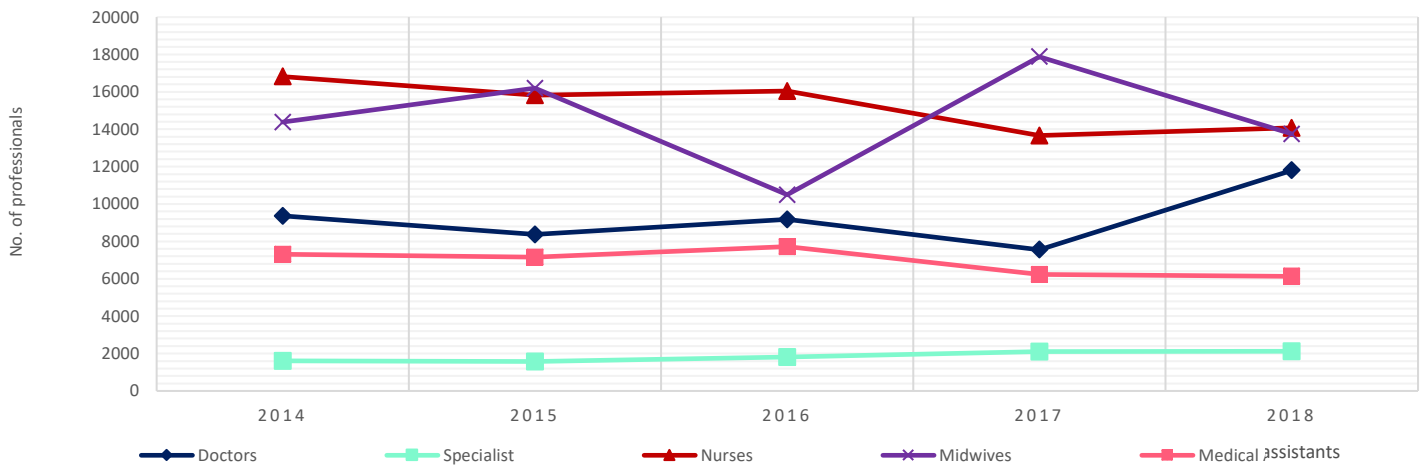
Source Annual Health Statistical Report 2018, Sudan Health Observatory.

**Health workforce distribution by sector (2017)**



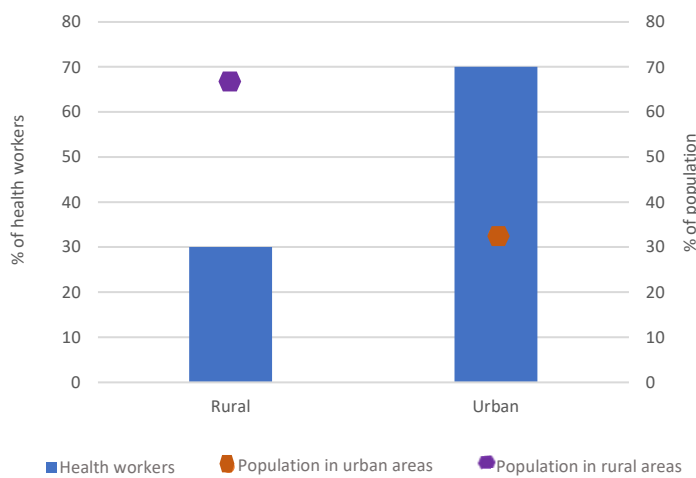
Source Annual Health Statistical Report 2018, Sudan Health Observatory.

**Number of health workforce in Ministry of Health by year and profession (2014–2018)**



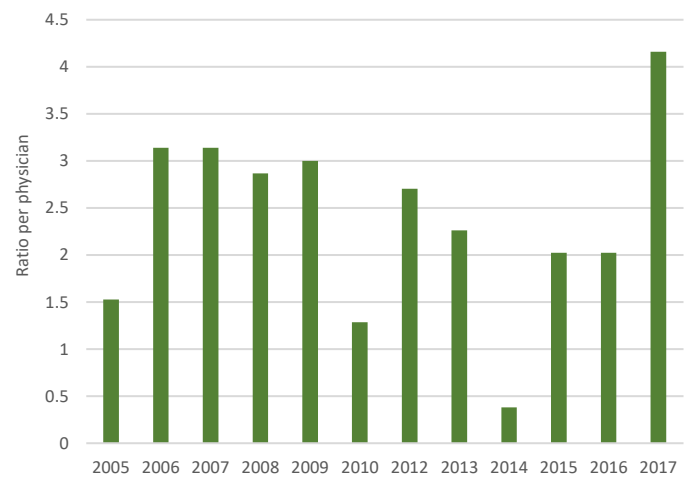
Source: Annual Health Statistical Report 2018, Sudan Health Observatory.

**Geographical distribution of health workers (2017)**



Source: Annual Health Statistical Report 2018, Sudan Health Observatory.

**Ratio of nurses and midwives per physician (2005–2017)**



Source: Eastern Mediterranean Health Observatory.

1. Eastern Mediterranean Health Observatory.
2. The World Bank, 2018 data [online]. Washington (DC): World Bank (<https://data.worldbank.org/indicator/NY.GNP.PCAP.PP.CD?locations=SD>).
3. System of health accounts report 2018 ([http://www.sho.gov.sd/controller/kn\\_hub\\_%20featured.php?sm\\_id=133&mid=110&lid=1#](http://www.sho.gov.sd/controller/kn_hub_%20featured.php?sm_id=133&mid=110&lid=1#)).
4. Sudan STEPwise survey for non-communicable disease risk factors, 2016 report ([https://www.who.int/ncds/surveillance/steps/Sudan\\_STEPwise\\_SURVEY\\_final\\_2016.pdf?ua=1](https://www.who.int/ncds/surveillance/steps/Sudan_STEPwise_SURVEY_final_2016.pdf?ua=1)).
5. Sudan national health policy 2017–2030, Federal Ministry of Health, Sudan.
6. Gesmalla AA, Badr E. Health worker migration in Sudan: A national policy response. Presentation to the International Platform for Health Worker Mobility, Geneva, Switzerland, 13–14 September 2018 ([https://www.who.int/hrh/migration/A-MigrationPolicy\\_Sudan.pdf?ua=1](https://www.who.int/hrh/migration/A-MigrationPolicy_Sudan.pdf?ua=1), accessed 13.01.2020).