



# NICARAGUA

Statistical data depicting the country's surgical and anesthesia infrastructure.

## COUNTRY FACTS

- Population: 6,150,035 (2016)
- Life expectancy: 75 years (2015)
- Gross national income per capita (PPP international \$): 4 (2013)
- Percentage of population living in poverty: 25% (2011)
- Total expenditure on health per capita: 445 (2014)
- Total expenditure on health as % of GDP: 9.0 (2014)

150

Maternal Mortality Ratio per 100,000 live births (2015)

19

Infant Mortality Ratio per 1,000 live births (2015)

17.4

Physicians available per 10,000 people (2013)

8.4

Nurses available per 10,000 people (2013)

13.3

Hospital beds available per 10,000 people (2010)

## SURGICAL WORKFORCE

The numbers below correspond to 2.7 surgical providers per 10,000 people and 0.4 anesthesiologists per 10,000 people. (2013)

580

OB/GYNs

390

General Surgeons

679

Specialty Surgeons

250

Anesthesiologists

## EXISTING GAPS

The perioperative mortality rate (POMR\*) is the primary metric used to determine the safety and success of a surgical system.

Monitoring POMR is a proven way to determine the impact of processes in a surgical system.

Nicaragua's POMR remains unknown.

\*POMR is defined as the number of deaths following surgery divided by the number of surgeries performed.

## MOST PRESSING CHALLENGES

- ❖ Shortage of quality, surgical equipment
- ❖ Limitations of water & electrical sources, specifically in central and northern Nicaragua
- ❖ Lack of methods to track and report POMR
- ❖ Lack of methods to track and report surgical and anesthesia complications

According to the World Health Organization's list of World Health Systems, Nicaragua ranks

71<sup>st</sup> out of 190 countries.

The Global Surgical Consortium (GSC) is 501c3 non-profit organization dedicated to researching and addressing surgical and anesthesia needs in low and middle-income countries.



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