

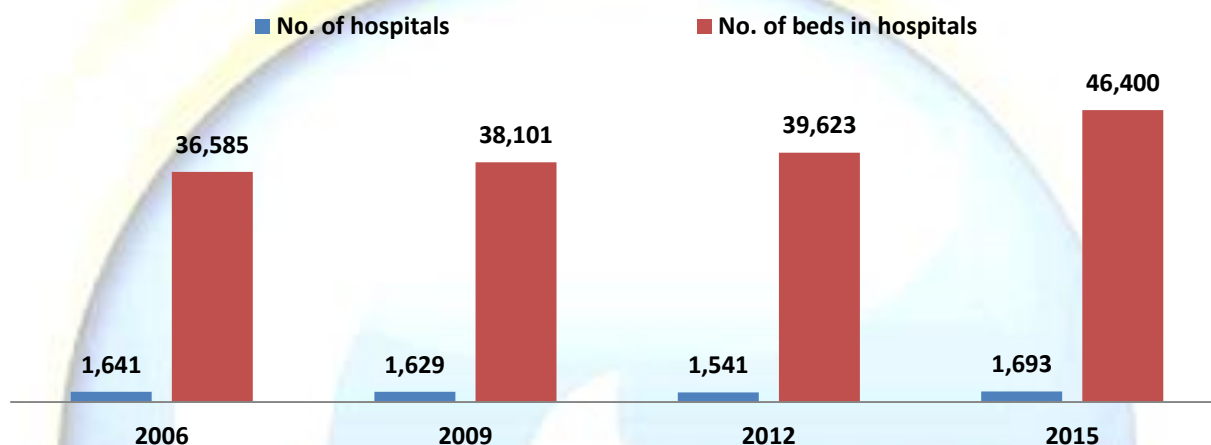


Special Press Release (Big Data Analytics)
HEALTH FACILITIES IN PUNJAB

2006-2015: 3% increase in the number of hospitals and 27% increase in number of beds available in Punjab against 24% increase in population: Gallup Pakistan Big Data Analytics Team

Islamabad, February 07, 2018

As quoted in Statistical Pocket Book 2017, according to Pakistan Medical and Dental Council (PMDC), there has been a 3% increase in the number of hospitals in Punjab (1,641 to 1,693) in the past nine years (2006-2015). Meanwhile, the number of beds in the hospital/dispensaries has risen by 27% (36,585 to 46,400).



Source: Quoted in Statistical Pocket Book 2017
(<http://bos.gop.pk/system/files/pb%202017.pdf>)

Estimate of Punjab Population (million)	2006-7	2010-11	2015-16
	86	97	107

In 2006, the population of Punjab was estimated to be 86 million. Based on this estimate, there was 1 hospital per 52,543 people and 1 hospital bed per 2,367 people. There was 1 physician per 1,713 people. Additionally, there was also only 1 nurse per 2,209 people and 1 dentist per 29,848 people.

In 2015, after a period of nine years, the population of Punjab was estimated to be 107 million. Based on this estimate, there was 1 hospital per 63,201 people and only 1 hospital bed per 2,306 people. There was 1 physician per 1,702 people. Additionally, there was also only 1 nurse per 1,767 people and 1 dentist per 16,850 people.

	2006	2015	Growth Trend (2006-2015)
Population per hospital	52,543	62,256	+18% (Negative)
Population per Hospital bed	2,367	2,271	-4% (Positive)
Population per Doctor	1,713	1,677	-2% (Positive)
Population per Nurse	2,209	1,741	-21% (Positive)
Population per Dentist	29,848	16,565	-44% (Positive)

Source: Gallup Pakistan Data Analysis

Looking at these statistics the growth in health infrastructure has been negligible when put in context of population growth on most indicators. However, improvement can also be seen in better availability of nurses and dentists.



In September 2017, the Punjab Minister for Primary and Secondary Health, Imran Nazir made the statement that Punjab has the best healthcare facilities in Pakistan. Putting these numbers into perspective with his statement, it can be conjectured that the healthcare situation in the country is in crisis as the best healthcare in the country is not sufficient to meet the needs of a population that is growing annually at a rate of over 2%.

Big Data Analytics Series:

This press release is part of Gallup Pakistan's Big Data Analytics Project which aims to bring to public attention, piece by piece, the vast wealth of data produced in Pakistan but seldom used and more often than not buried in deluge of other forms of documentation and reports. In this data analytics exercise, we intend to look at all aspects of life including health, social issues, economy, trade etc. Various data sets varying in terms of producers (government, private sector) and origins (some are surveys; others are supply side transactional data) would be analysed under this initiative. The aim remains, as is the case with other Gallup and Gilani Research Foundation endeavors, a more empirical, fact and evidence based understanding of public interest issues.

Methodology: The data for this analysis is based on Statistical Pocket Book 2017 and then analysed by Gallup Pakistan team. Any omission or error cannot be ruled out.

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