



Iran's Achievements in surgical care

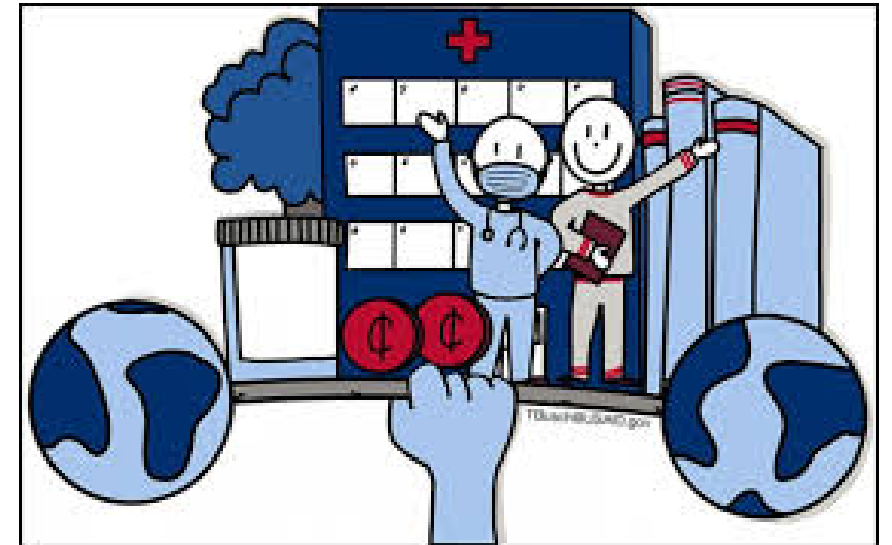
Seyed Hasan Emami Razavi
General Surgeon

Tehran University of Medical Sciences



Outline

- **Country profile**
- **Strengthening Essential Surgical Systems**
- Iran's health system **indicators**



Geographical and political features



- Land size: 17th largest country of the world
- 18th largest economy in the world
- 2nd largest economy in the MENA
- One of the largest OPEC oil producer .
- 2nd largest reserves of gas in the world.
- One of the world's continuous major civilization with historical background 7000BC ago

What we want is that **if someone in a family is getting sick, that family should not endure any other difficulty** other than caring for the patient.
Supreme Leader Seyed Ali Khamenei



Everyone's concern and effort should be the country's development based upon Iran 2025 vision plan; and **national development is impossible without focusing on healthcare development.**

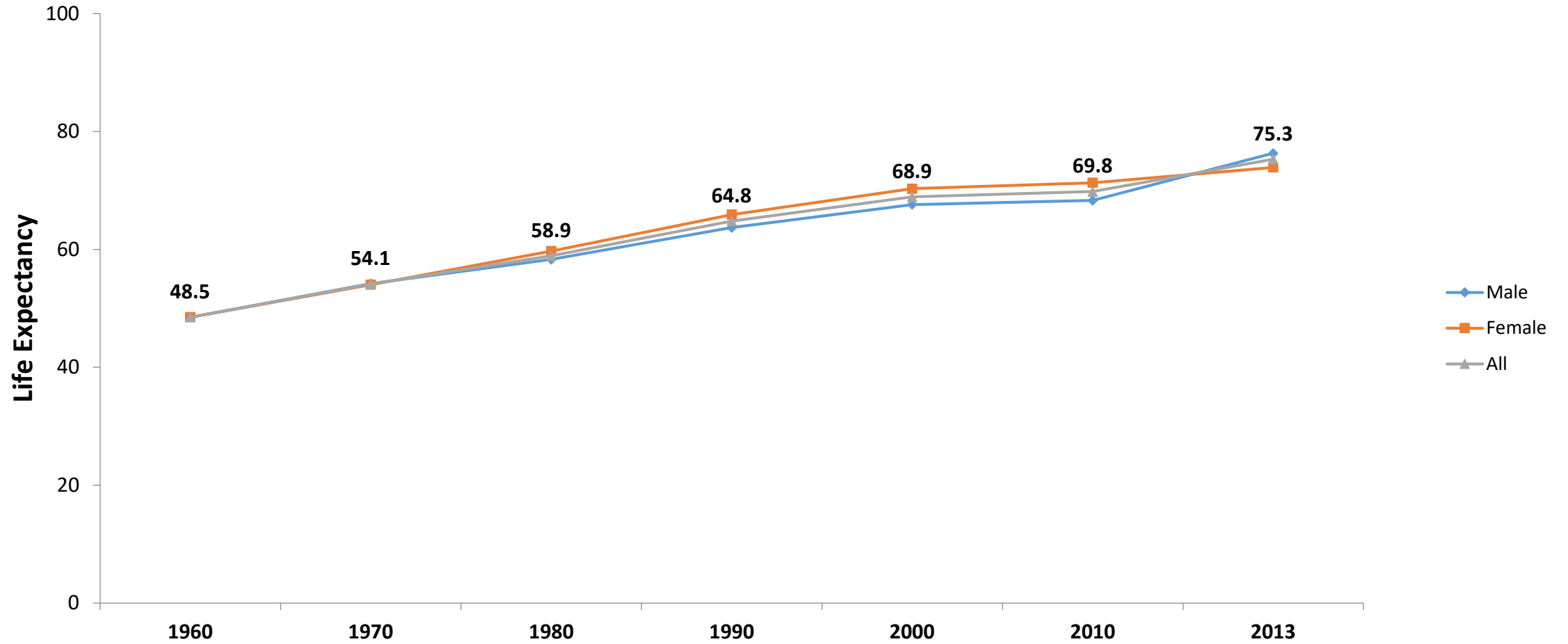
I.R.Iran president, Hassan Rouhani



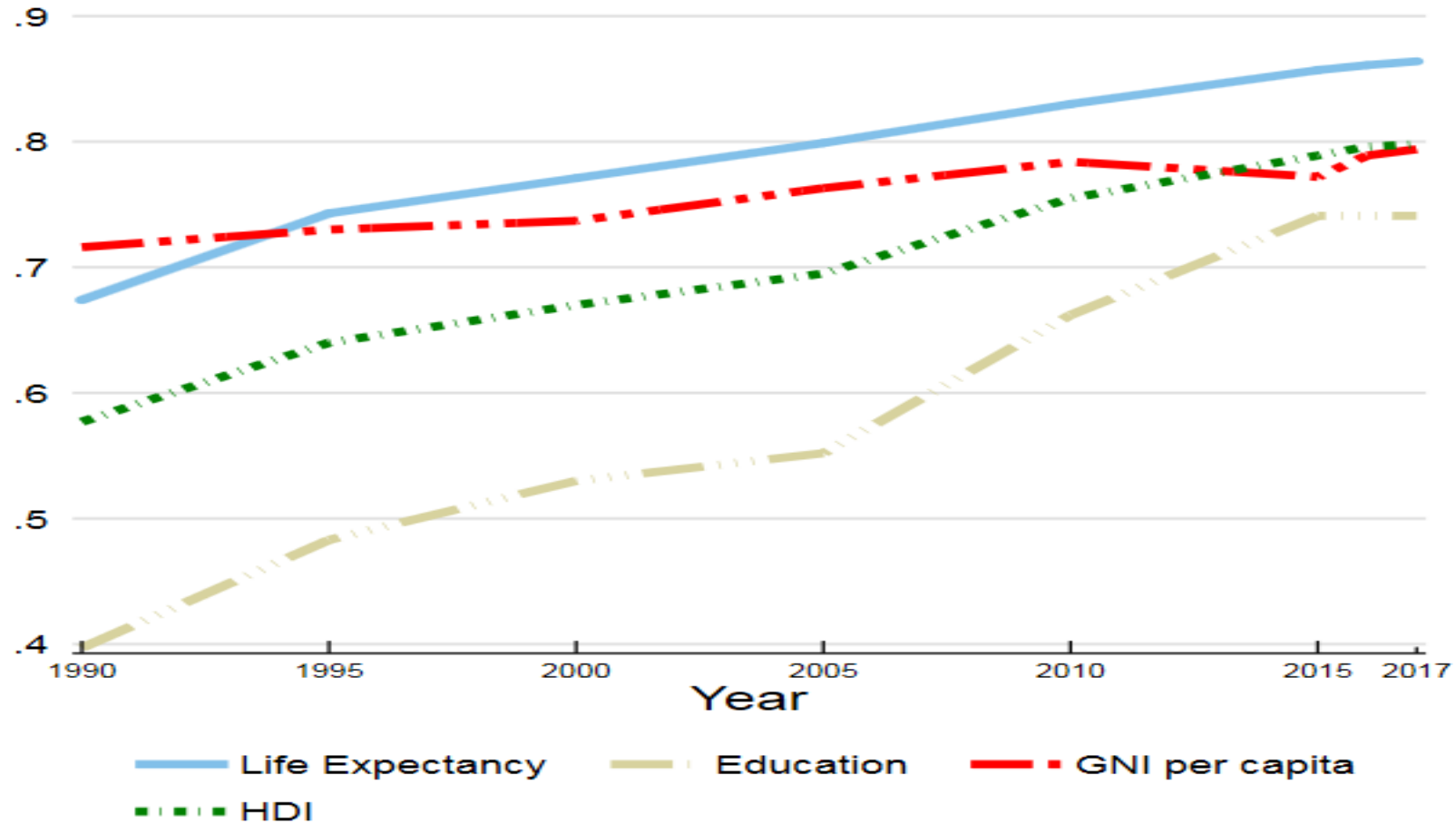
Iran' Health Profile

		1984	2000	2008	2012
Mortality					
	Neonatal	51	29	19	10
	Under-five	60	36	22	19
	Maternal	140	37	27	20
Life expectancy					
	Female (Years)	65	73	74	76
	Male (Years)	63	71	71	72
Access to rural primary care (%)		20	90	95	98
Access to safe water (%)		71	95	98	98
Number of rural health houses		11'000	16'281	22'000	22'700
Vaccination coverage (%)		20	95	99	99
Number of patients seeking care abroad		11'000	200	-	-
Number of foreigner physicians		3153	0	0	0

Life Expectancy



Trends in of Iran's HDI indices 1990-2017

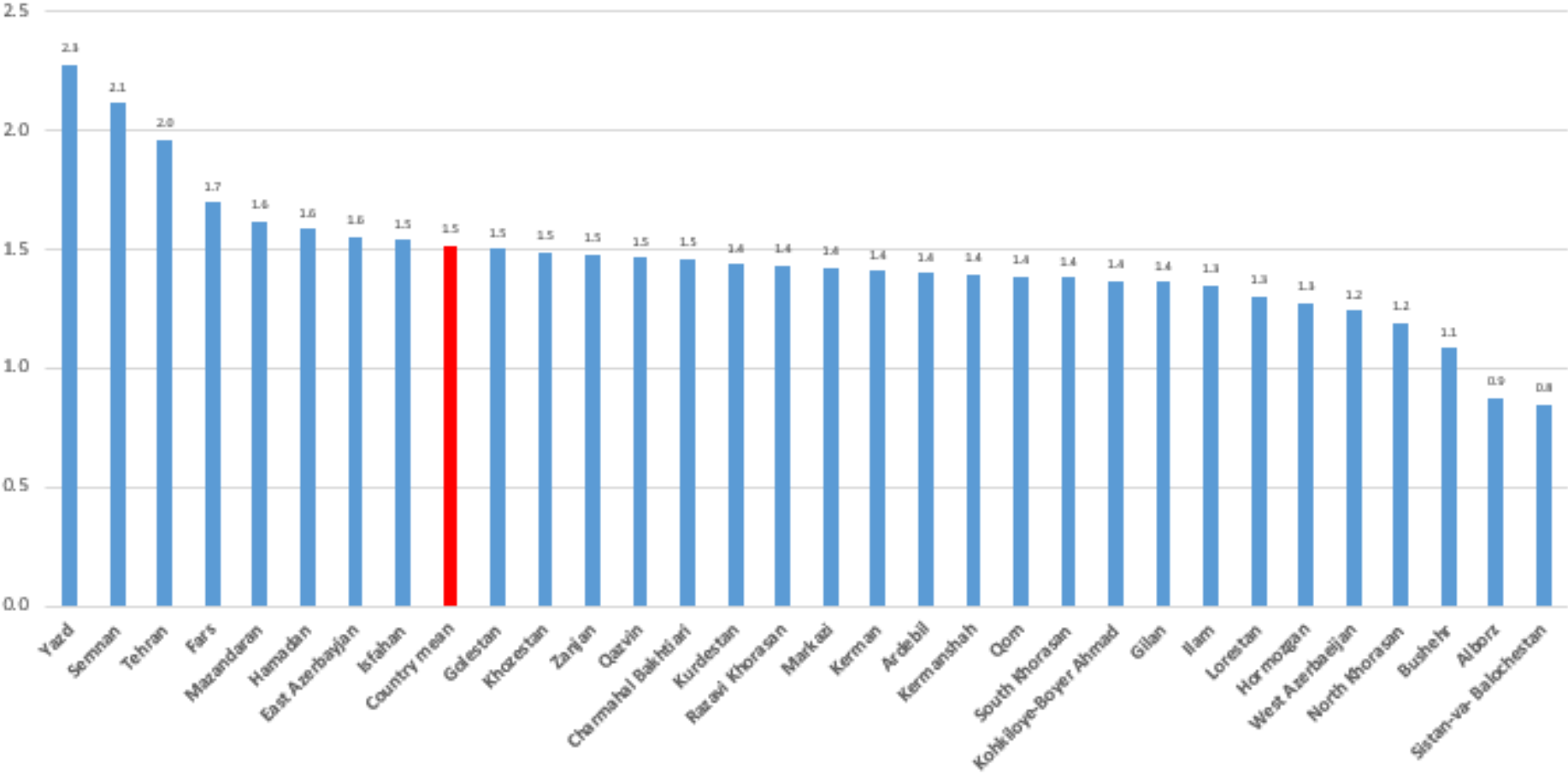


VISION of (NSOAPs)

Strengthening Essential Surgical Systems

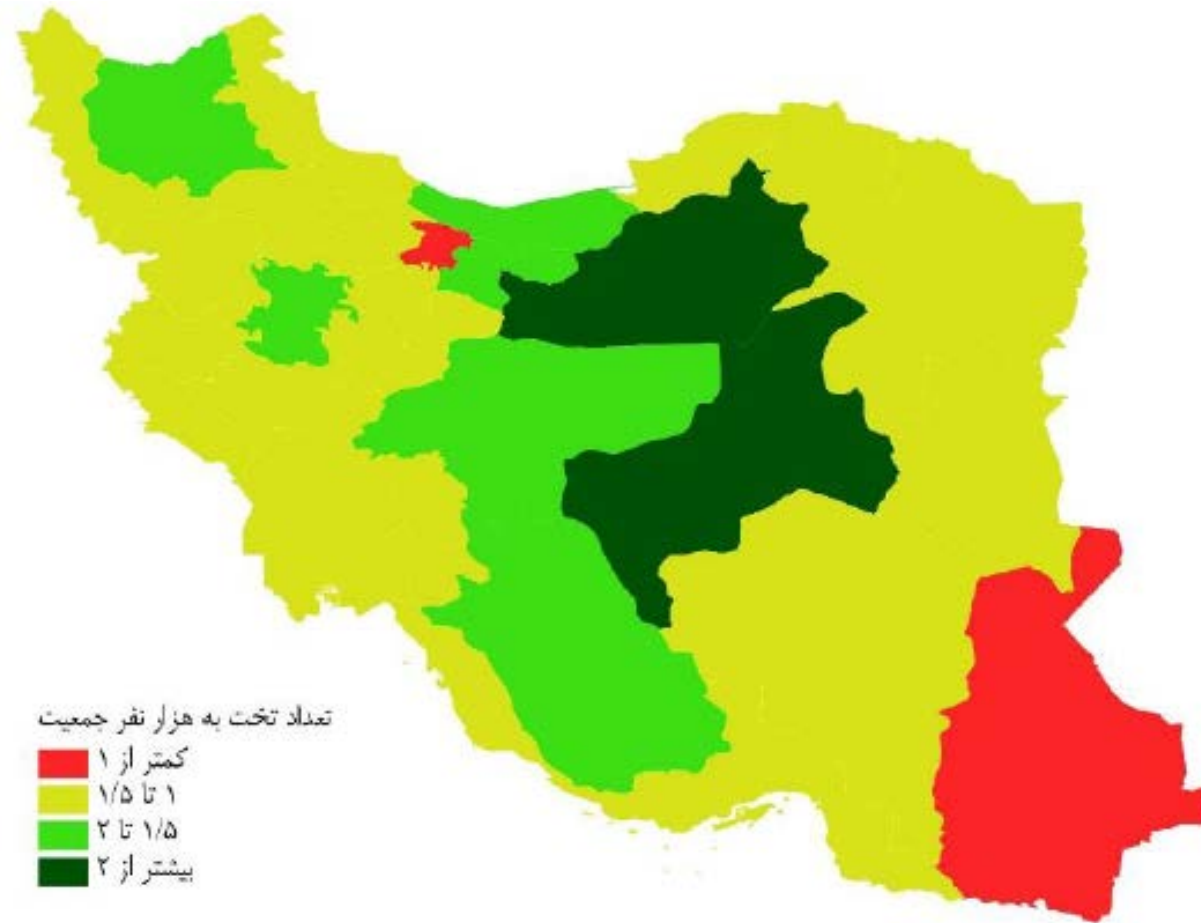
**Universal access to safe, high quality,
affordable surgical and anesthesia care
when needed**

Hospital beds per 1000 population in Iran provinces(2016)



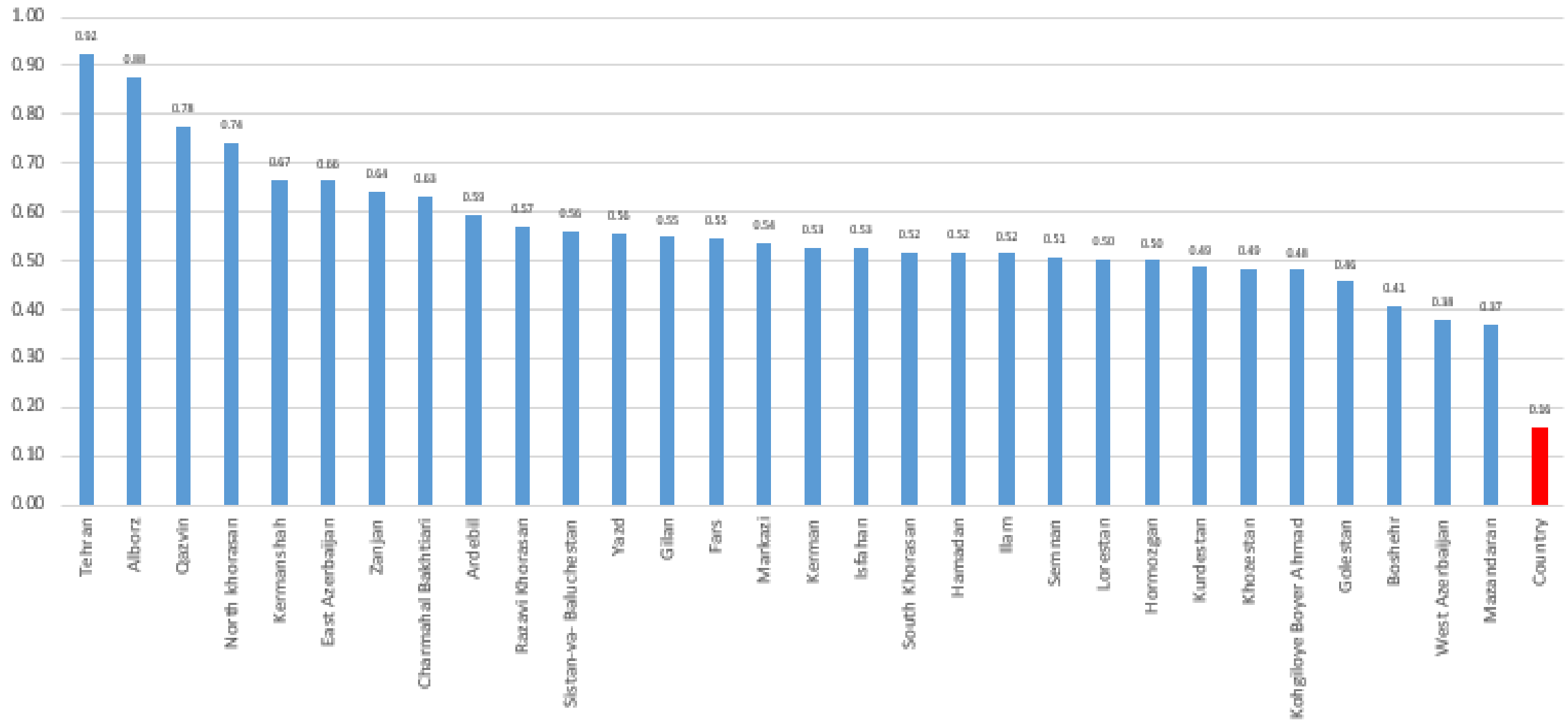
Mosadeghrad AM, Dehnavi H, Darrudi A. Equity in distribution of hospital beds in Iran. In press.

Hospital beds per 1000 population in Iran provinces(2016)



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Gini index of hospital beds distribution in Iran provinces(2016)



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Service	Maximum access(min)in Cities(more than 20,000 population)
Orthopedic	120
Urology	300
OB&GYN	0
General surgery	0
Neurosurgery	240
Ophthalmology	300
ENT	300
Anesthesiology	0

Medical specialists (per 1 million population in 2011)

Speciality	National Mean	Variation Range	Minimum		Maximum	
			province	No.	province	No.
General surgery	13.08	18.44	North Khorasan	5.76	Yazd	24.2
OB&GYN	19.28	38.31	North Khorasan	9.22	Semnan	47.53
Anesthesiology	16.77	15.5	North Khorasan	9.22	Mazandaran	24.72

Mosadeghrad AM, Hashempour R, Veisy M. Equity in Geographical Distribution of Medical Specialists in Iran. Journal of Health Based Research 2017; 3(1): 25-37.

Gini index for medical specialists in 2011

Speciality	GINI Index
General surgery	0.011
OG&GYN	0.067
Specialty	0.019

The Gini index for these medical specialties was improved during 15 years. [for total specialists from 0.0876 (2003)-to-0.052 (2008)-to-0.043 (2013)]

Mosadeghrad AM, Hashempour R, Veisy M. Equity in Geographical Distribution of Medical Specialists in Iran. Journal of Health Based Research 2017; 3(1): 25-37.

Thanks for your attention

