

**Czech University of Life Sciences Prague**

**Faculty of Economics and Management**

**Department of Humanities (FEM)**



## **Bachelor Thesis**

**The healthcare system in Kazakhstan and it's future perspectives in (comparison with Sweden)**

**Altynay Abdusheva**

**© 2022 CZU Prague**

**Czech University of Life Sciences Prague  
Faculty of Economics and Management**



**BACHELOR THESIS TOPIC**

Author of thesis: Altynay Abdusheva  
Study programme: Economics and Management  
Field of study: Economics and Management  
Thesis supervisor: doc. Ing. Vladimír Krepl, CSc.  
Supervising department: Department of Humanities  
Language of a thesis: English

Thesis title: **The healthcare system in Kazakhstan and it's future perspectives ( comparison with Sweden)**

Objectives of thesis: AIM is to describe and characterize Kazakhstan's healthcare system by using a statistical database and a legal documentation to find out future perspectives and opportunities for the development of country's economy. Also, the thesis will include a systematic comparison of Kazakhstan (as a developing country) with Sweden (as a developed country) to identify key differences in healthcare system and define advantages of health insurance for future implementation within Kazakhstan.

To achieve the main aim of diploma thesis will be set up few research questions:

- What are the main differences in healthcare systems in Kazakhstan and Sweden?
- What future perspectives Kazakhstan can face to improve healthcare?

Methodology: As main methodological tool will be used comparative statistical analysis of Kazakhstan and Sweden by using economic VARIABLES such as:  
- GDP GROWTH;  
- MORTALITY RATE;

- PUBLIC HEALTH CARE EXPENDITURES;
- INVESTMENTS IN HEALTHCARE FIELD;
- UNEMPLOYMENT RATE (HEALTHCARE FIELD)
- LIFE EXPECTANCY.

The descriptive statistical analysis will be used to show the current condition of care system in countries that will be used in comparative analysis.

For analysis will be used data among the period 2017-2021.

Sweden (developed country) will be used to contrast and challenge Kazakhstan (developing country) healthcare insurance system. The study will use public documents, literatures and case studies. Data will be collected from public documents and literatures as the methods to collect data/information about Kazakhstan and Sweden healthcare system.

The proposed extent of the thesis: 40 - 50

Keywords: Insurance, healthcare system, Kazakhstan, statistical analysis, Sweden, perspectives.

Recommended information sources:

1. Ahmedov M, Haan SD et al. (2017). Strengthening health research systems in Central Asia. A system mapping and consultative process. Geneva, Council on Health Research for Development (COHRED).
2. Musgrove P, Zeramidini R, Karrin G (2012). Main models of state expenditures in the health sector. *Bulletin of the World Health Organization*, 80(2):134–142.
3. Statistical Agency of the Republic of Kazakhstan (2019). Kazakhstan and the CIS countries. Almaty, Statistical Agency of the Republic of Kazakhstan.
4. Thompson R, Miller N et al. (2013). Health-seeking behaviour and rural/urban variation in Kazakhstan. *Health Economics*, 12:553–564.
5. UNAIDS (2017) [web site]. Kazakhstan. Geneva, World Health Organization/ Joint United Nations Programme on HIV/AIDS ([http://www.unaids.org/en/Regions\\_Countries/Countries/kazakhstan.asp](http://www.unaids.org/en/Regions_Countries/Countries/kazakhstan.asp), accessed 22 July 2017).
6. UNDP (2017). Human development report Kazakhstan. Almaty, United Nations Development Programme.

Expected date of thesis defense: 2021/22 SS - FEM

## **Declaration**

I declare that I have worked on my bachelor thesis titled "The healthcare system in Kazakhstan and it's future perspectives (comparison with Sweden)" by myself and I have used only the sources mentioned at the end of the thesis. As the author of the bachelor thesis, I declare that the thesis does not break any copyrights.

In Prague on 15/03/2022

---

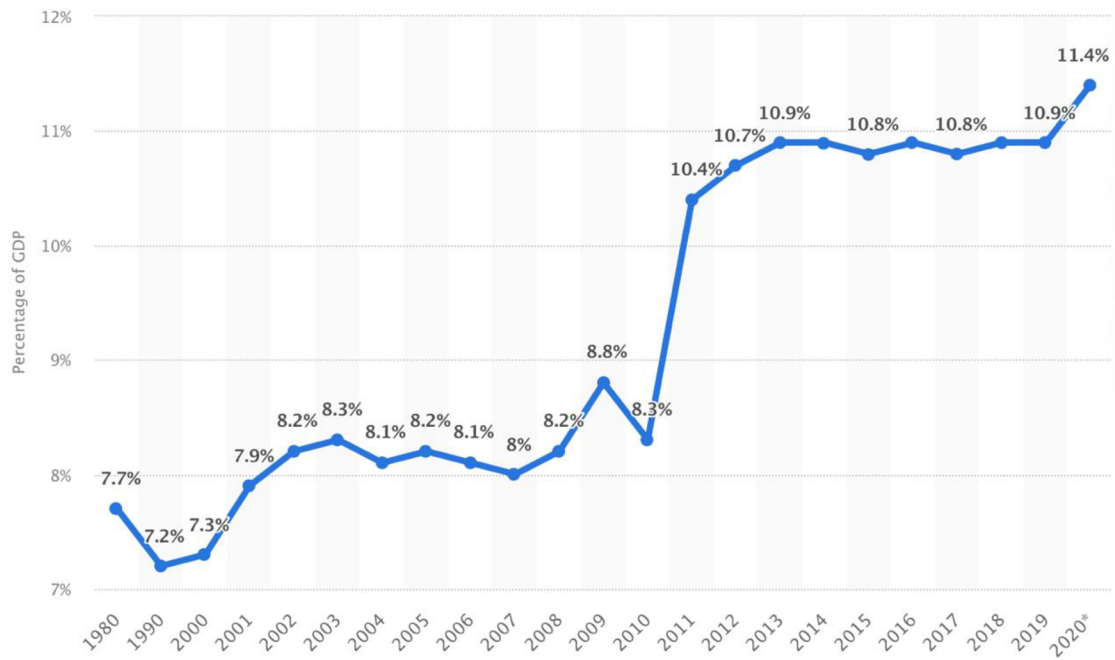
## 1. Appendix

Appendix 1 Table showing historical data of Kazakhstan's healthcare spending over past two decade

Kazakhstan Healthcare Spending - Historical Data		
Year	Per Capita (US \$)	% of GDP
2018	\$276	2.92%
2017	\$282	3.13%
2016	\$263	3.42%
2015	\$319	3.04%
2014	\$381	2.97%
2013	\$370	2.66%
2012	\$377	3.04%
2011	\$304	2.60%
2010	\$249	2.74%

Source: <https://www.macrotrends.net/countries/KAZ/kazakhstan/healthcare-spending>

Appendix 2 Graph showing healthcare spending as a percentage of GDP in Sweden



Source: <https://www.statista.com/statistics/429229/healthcare-expenditure-as-a-share-of-gdp-in-sweden/#:~:text=The%20per%20capita%20expenditure%20on,thousand%20Swedish%20kronor%20per%20capita>

Appendix 3 Historical data of life expectancy of Sweden

Sweden - Historical Life Expectancy Data		
Year	Life Expectancy	Growth Rate
2022	83.18	0.180%
2021	83.03	0.180%
2020	82.87	0.180%
2019	82.72	0.180%
2018	82.57	0.160%
2017	82.44	0.160%
2016	82.31	0.160%
2015	82.18	0.160%
2014	82.05	0.160%
2013	81.92	0.210%

Source: [www.tradingeconomics.com](http://www.tradingeconomics.com)

## Appendix 4