

Higher education institutions' contribution for development of sustainable agro-food production systems in Kyrgyzstan and Uzbekistan

5-6 October, 2023, Bishkek, Kyrgyzstan

AgroDev, 2021-2024

THE ROLE OF FOOD SUPPLY IN ENSURING ECONOMIC SECURITY OF COUNTRY

Samandar Tojikulov

The Samarkand branch of Tashkent State University of Economics

Abstract

Food security is achieved when all people have consistent access to sufficient, safe and nutritious food that meets their food preferences and nutritional needs to lead healthy and active lives. This is a decisive factor that plays a decisive role in ensuring the economic security of the country. Food security is important not only for people but also for the overall economic growth of the country. Ensuring the well-being and economic growth of any country's population is important. For this reason, the effect of flour on the economic security of the country based on the supply of the main types of food products was studied.

Aim

Investigating current the state of food safety based on the existing standards of food supply in the Republic of Uzbekistan

Tasks

What is the current state of demand for main types of food products in Uzbekistan? What is current the status of providing the population with main types of food products? How will the population's demand for food products change in the future?

Materials and methods

During research we used research materials, the results of scientific work of domestic and foreign researchers, as well as statistical data from the Ministry of Agriculture, the Agency for Statistics under the President of the Republic of Uzbekistan were used. Key materials were collected based on statistical data and analyzed using available software. The obtained scientific conclusions are based on the results of scientific research.

Results

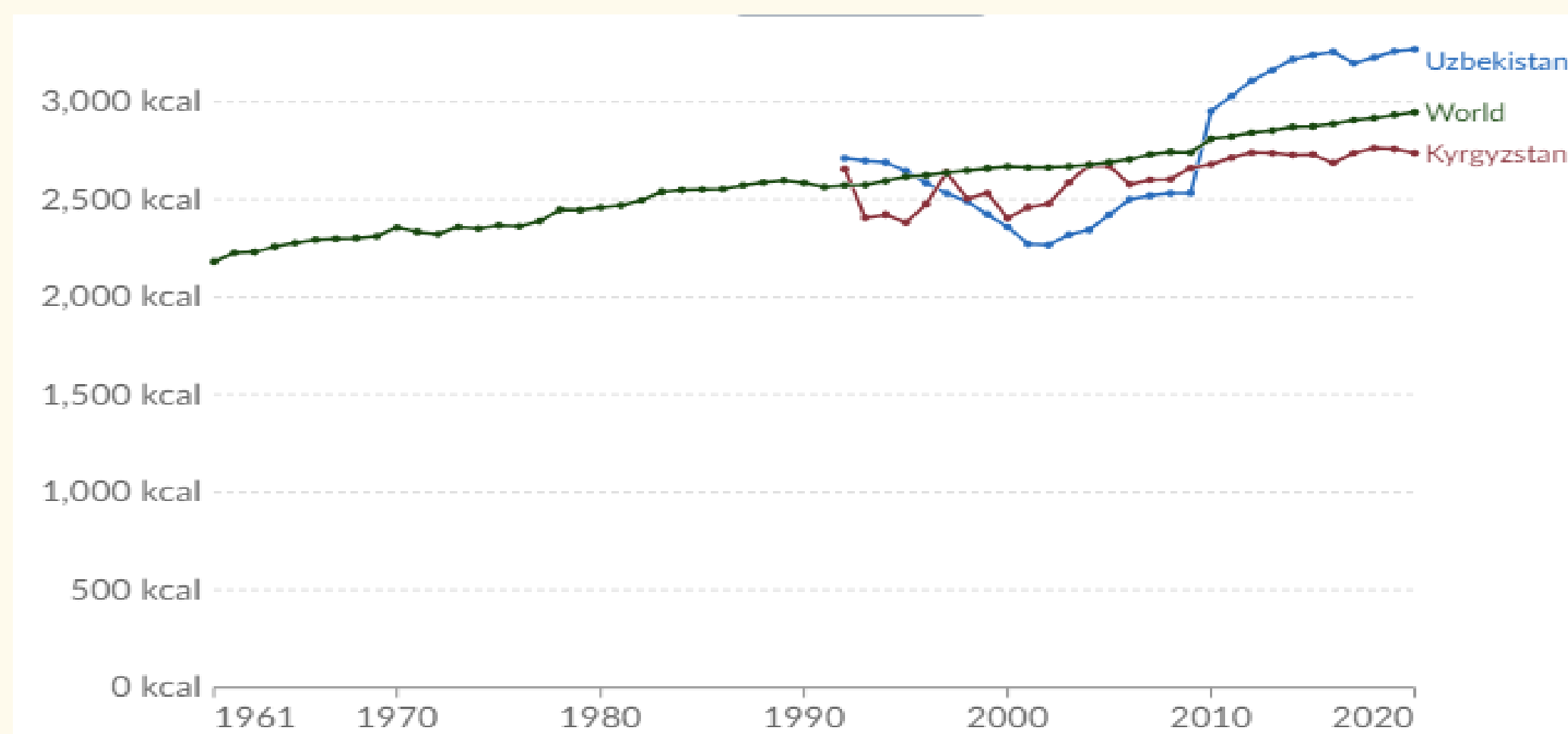


Fig 1. Per capita kilocalorie supply from all foods per day, 1961 to 2020

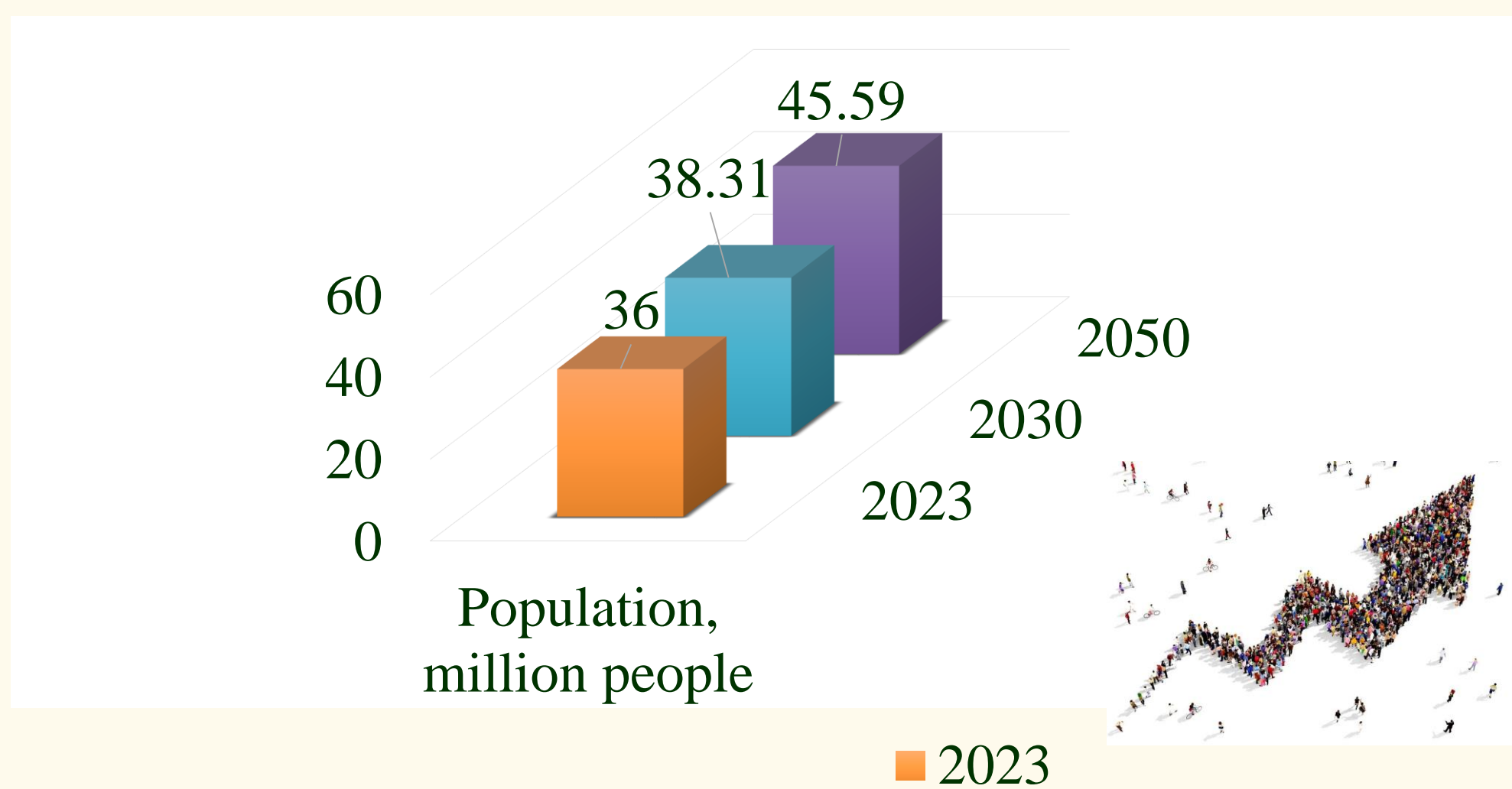


Fig 2. Forecast for the growth of the population of Uzbekistan (until 2050)

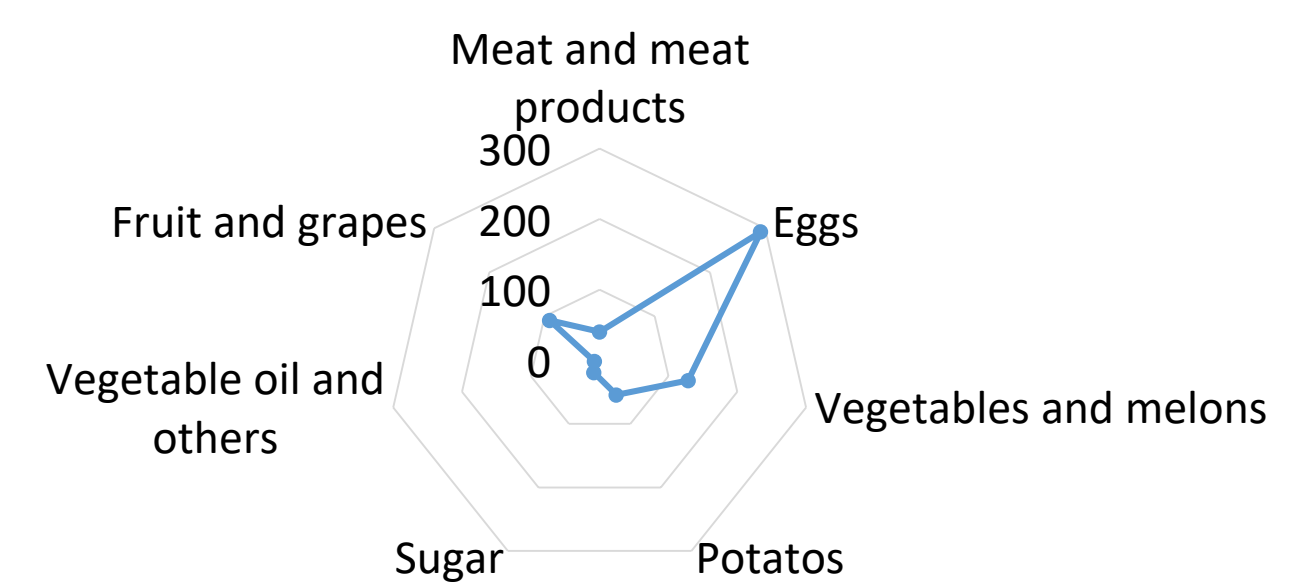


Fig 3. Science-based medical norm of consumption of basic foodstuffs per capita in Uzbekistan, kg (pcs.)

Table 1 Analysis of demand satisfaction for the main 7 types of food products in the Republic of Uzbekistan (2022)

No	Types of products	Unit of measurement	Current demand	Produced	Deficiency (-), excess (+)
1	Meat and meat products	thousand tons	1447.2	1213.2	-234.0
2	Eggs	million pieces	10512	8129.3	-2382.7
3	Vegetables and melons	thousand tons	4636.8	13583.6	8946.8
4	Potato	thousand tons	1965.6	3443.2	1477.6
5	Sugar	thousand tons	698.4	492.1	-206.3
6	Vegetable oil and others	thousand tons	262.8	116.8	-146.0
7	Fruit and grapes	thousand tons	3261.6	4759.9	1498.3

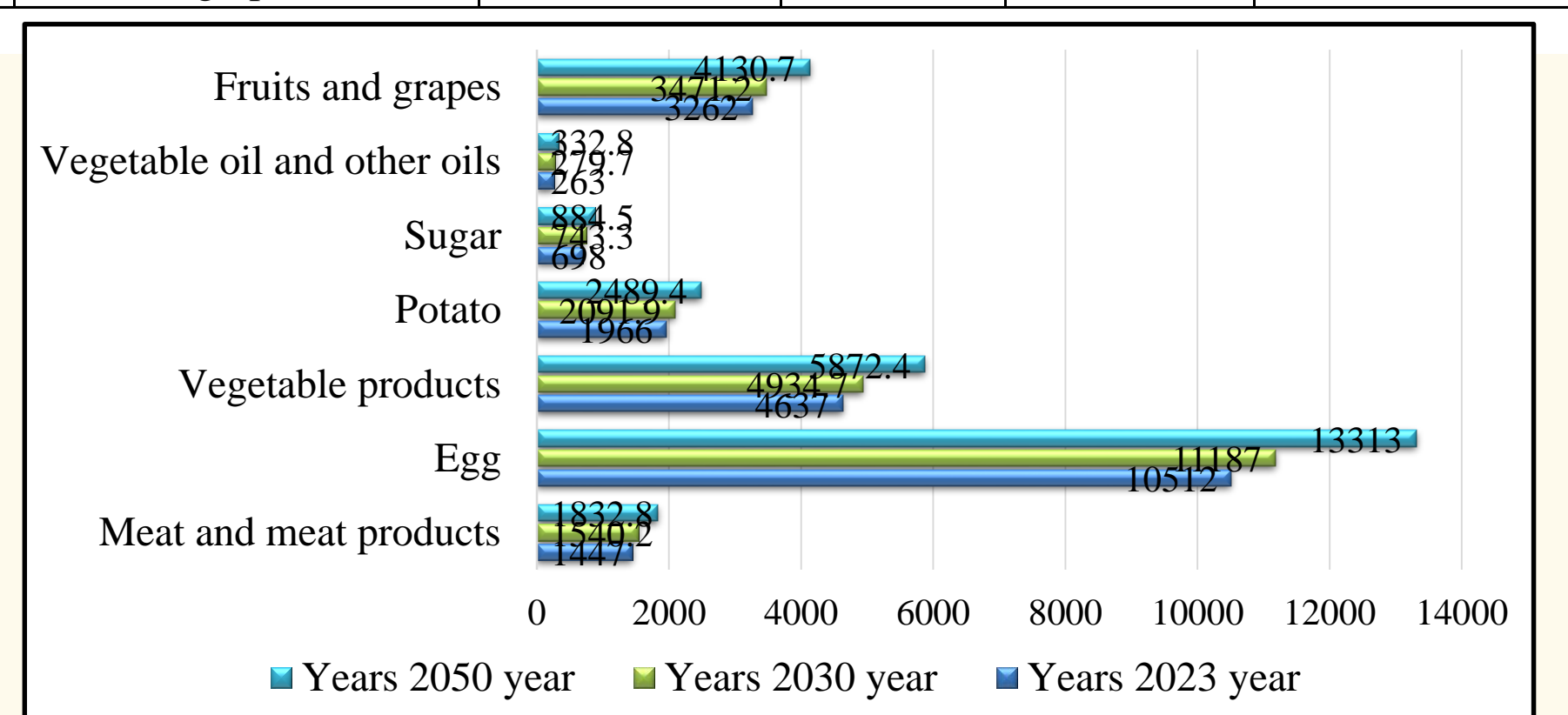


Fig 4. Forecast Analysis of food demand of the population of the Republic of Uzbekistan (2023-2050 yy.)*

Conclusion

1. Investing in a strong food security system will help improve the quality of life, reduce poverty, stabilize the economy, and enhance social and political stability.
2. The government must realize that food security is important for economic growth and social stability, and take the necessary measures to ensure food security in the country.
3. By implementing a comprehensive food security strategy, the government can ensure that all citizens have access to safe, healthy and nutritious food to enable them to lead productive and healthy lives.
4. To ensure food security, the government must invest in agriculture, including modern technology and research to increase production and productivity.
5. It is necessary to improve food processing and storage facilities, create an efficient distribution network to ensure the availability of food and reduce food waste.
6. The government should also promote nutrition education in households and communities to promote healthy diets and reduce malnutrition.

Acknowledgements

The forum is organized with the financial support of the project of the European Union Program ERASMUS + "Development of higher education content aimed at supporting industries Sustainable production of quality agri-food products" (AgroDev)No. 619039-EPP-1-2020-1-LV-EPPKA2-CBHE-JP.

The European Commission's support for the production of this material does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.