



UDC 636.5:338.43(477)

## CURRENT STATE AND PROSPECTS OF POULTRY FARMING DEVELOPMENT IN UKRAINE

### СУЧАСНИЙ СТАН ТА ПЕРСПЕКТИВИ РОЗВИТКУ ПТАХІВНИЦТВА В УКРАЇНІ

**Pepko V.O.***Candidate of Agricultural Sciences**ORCID: 0000-0003-2687-1958***Kolechko A.V.***PhD of Veterinary Medicine**ORCID: 0000-0002-8644-3616***Pikula O.A.***Candidate of Agricultural Sciences**ORCID: 0000-0001-8950-6099***Oliynyk L.V.***Doctor of Veterinary Sciences**ORCID: 0000-0002-4961-9731***Reznichenko M.I.***graduate student**ORCID: 0009-0005-5192-6916***Androniak V.V.***graduate student**ORCID: 0009-0001-5728-4994**Vinnitsia National Agrarian University, Vinnitsia, Ukraine**VNAU, Faculty of Veterinary Medicine, Vinnitsia, Ukraine*

**Abstract.** *In the context of intensifying economic relations and the functioning of a market economy, ensuring the country's food security becomes particularly relevant. Poultry farming is a promising branch of animal husbandry that is actively developing but requires investments, solutions, and measures to provide the industry with energy and technical resources, improve pricing policies for products, and reduce their cost. Statistical data on the number of domestic poultry, meat production, and egg production were analyzed.*

**Key words:** *poultry farming, poultry population, poultry products, intensification of production, food consumption.*

### Introduction

In the context of the intensive development of market relations, the issue of ensuring the state's food security is becoming particularly relevant. Addressing this issue requires increasing the production of food products and improving their quality, which constitutes a strategic task of the agro-industrial complex [1].

Special attention should be paid to poultry farming as a branch of animal husbandry that is developing dynamically, is attractive for investment, and has significant economic potential [1, 2].



Among the organizational and technological advantages of poultry farming, considering the payback of capital investments, the following positive features can be highlighted: mobility compared to other branches of animal husbandry, early maturity and a high rate of flock reproduction, relatively low energy intensity, and a high level of mechanization and automation of production processes [2].

Poultry products serve as a source of valuable food products for the population, being rich in animal protein that is economically affordable for the majority of consumers [1].

### Main Text

According to the data of the State Statistics Service of Ukraine [3], excluding temporarily occupied and uncontrolled territories, during 2020–2023 the number of domestic poultry of all species in farms of all categories ranged from 220.5 to 202.2 million head, followed by a decrease to 180.5 million head in 2023. In percentage terms (share), agricultural enterprises were dominant, keeping 54.7–57.0% of the total poultry population during the specified period. Household farms accounted for 42.0–43.9% of the total poultry population (Table 1).

**Table 1 – Number of poultry in agricultural enterprises and household farms during 2020-2023 (million heads).**

Year	Number of poultry				
	Total number of poultry (all categories of farms)	including agricultural enterprises		including household farms	
		million heads	%	million heads	%
2020	220,5	127,8	57,0	92,7	42,0
2021	200,7	109,7	54,7	90,9	45,3
2022	202,2	113,5	56,1	88,8	43,9
2023	180,5	101,8	56,4	78,6	43,5

*Calculated based on the data of the State Statistics Service of Ukraine [3].*

In 2023, among economic entities operating in the poultry sector, the leading position was held by enterprises keeping from 5.0 to 50.0 thousand head of poultry—72 enterprises, or 32% of the total number. These enterprises kept 1.8 million head of poultry, representing 1.7% of the total poultry population. Enterprises (57 entities)



keeping up to 5.0 thousand head accounted for 25%. The poultry population at these enterprises amounted to 52.3 thousand head (0.1% of the total population).

The main share of the domestic poultry population in Ukraine (85%, or 86.6 million head) is concentrated at 28 enterprises, which constitute 12.5% of poultry enterprises.

Among domestic poultry species, during 2020-2023 chickens and roosters held the leading position in terms of number and share. The total population of this group amounted to 202.5 million head in 2020 (91.8%), followed by a decrease to 165.5 million head (91.7%).

During the same period, a decline in the population of geese and ducks was also observed, with a relatively stable share in the total poultry population (Table 2). Thus, the number of geese decreased from 4.0 million head in 2020 (1.8% by share) to 3.0 million head in 2023 (1.7%).

**Table 2 – Dynamics of the number of domestic poultry by type in all categories of farms during 2020-2023 (million heads).**

Type of domestic poultry	Year							
	2020		2021		2022		2023	
All types of domestic poultry (total)	220.5		200.7		202.2		180.5	
	million heads	%	million heads	%	million heads	%	million heads	%
including: Chickens and roosters	202.5	91.8	183.5	91.4	186.6	93.0	165.5	91.7
Geese	4.0	1.8	3.6	1.7	3.4	1.7	3.0	1.7
Ducks	11.4	5.2	11.4	5.7	10.0	5.0	8.8	4.9
Turkeys	1.9	0.9	1.6	0.8	1.5	0.7	1.4	0.8

*Calculated based on the data of the State Statistics Service of Ukraine [3].*

A similar situation was observed for ducks: their population amounted to 11.4 million head in 2020 (5.2% by share) and 8.8 million head in 2023 (4.9%).

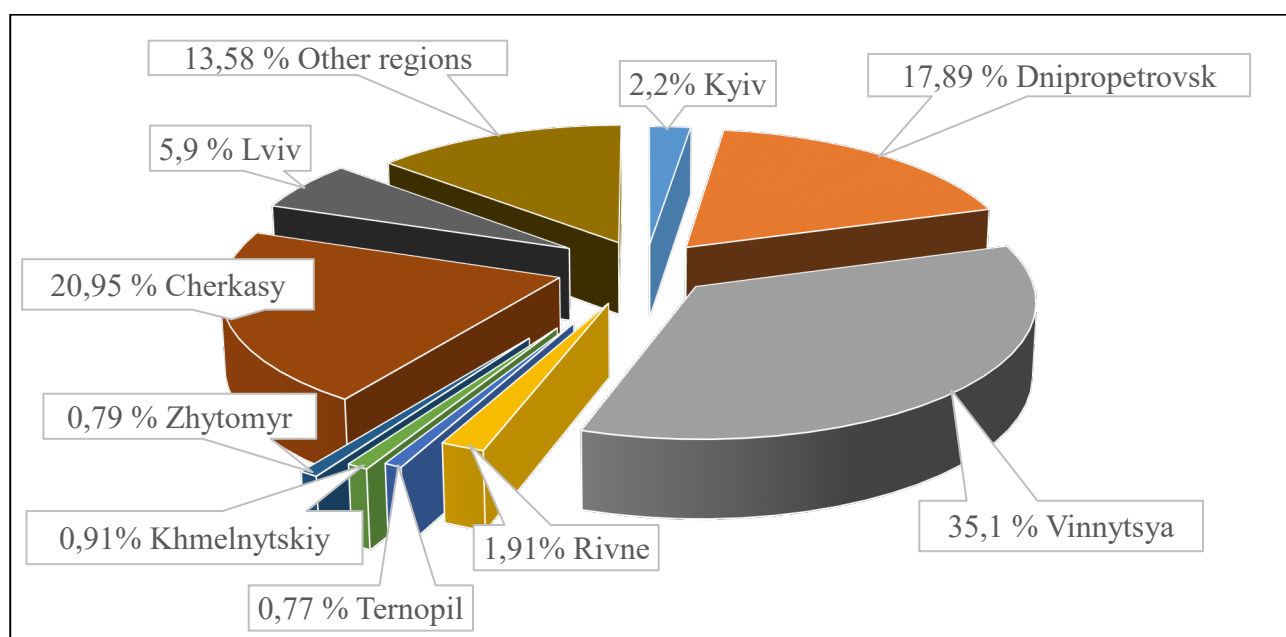
The number of turkeys during 2020-2023 decreased from 1.9 million head to 1.4 million head, with a share of 0.9-0.8%.

Analyzing the state of the poultry industry and assessing its prospects, it is reasonable to consider the indicators of its product output (eggs and meat).



According to the data of the State Statistics Service of Ukraine [3], in 2022, all categories of farms produced 1,252.9 thousand tons of poultry meat of all types, which is 91.2% of the corresponding indicator in 2021.

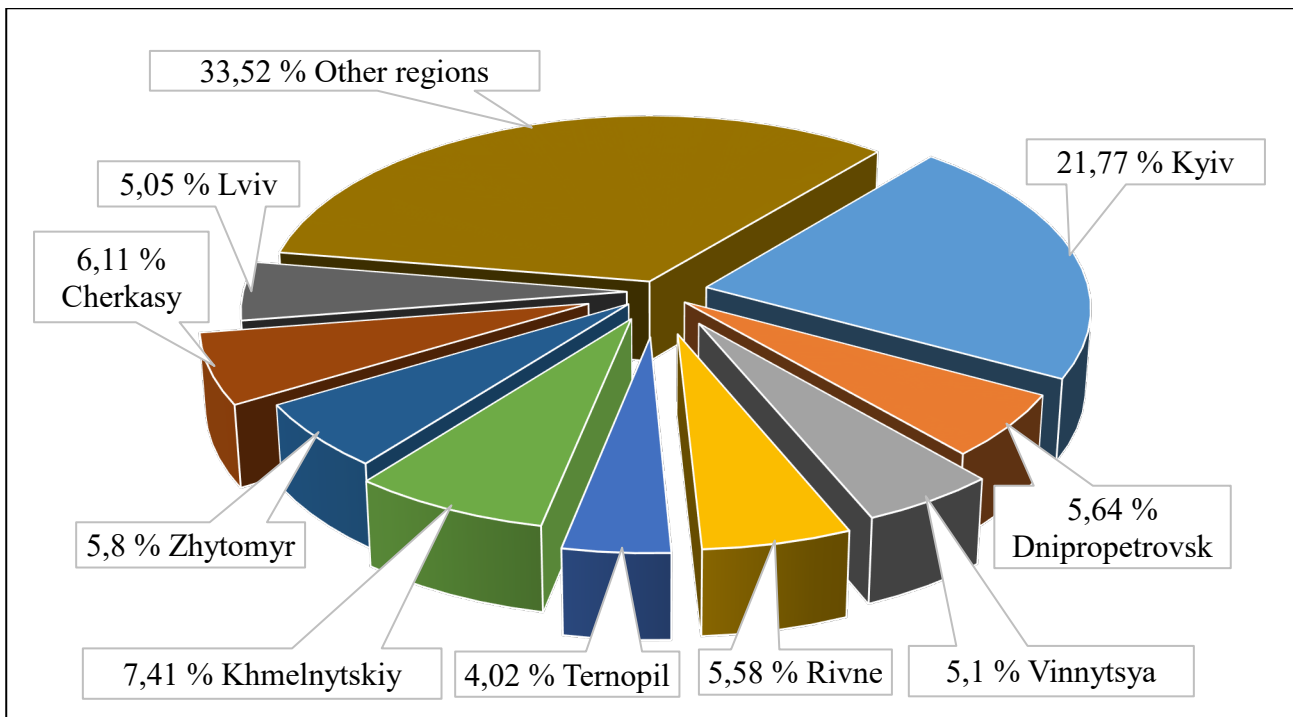
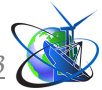
The leading regions in the production of poultry meat of all types are Vinnytsia (35.1% - 439.3 thousand tons), Cherkasy (20.95% - 262.5 thousand tons), and Dnipropetrovsk (17.89% - 224.1 thousand tons) (Fig. 1). Together, these regions account for 73.94% of the total volume of poultry meat of all types produced in Ukraine in 2022.



**Figure 1 - Share of poultry meat production of all types in all categories of farms by regions of Ukraine in 2022, % (according to the State Statistics Service of Ukraine).**

Analyzing the data of the State Statistics Service of Ukraine regarding egg production in 2022, it should be noted that the leading producers were Kyiv (21.77% - 2,596.2 million units), Khmelnytskyi (7.41% - 883.8 million units), and Cherkasy (6.11% - 729.3 million units) regions. Their total egg production amounted to 4,209.3 million units, or 35.29% of the total egg production in Ukraine (11,921.8 million units) [3].

In Ukraine, poultry enterprises accounted for 48.5% of egg production in 2022 (5,786.1 million units), while household farms produced 51.5% (6,135.7 million units).



**Figure 2 - Share of egg production of all types of poultry in all categories of farms by regions of Ukraine in 2022, % (according to the State Statistics Service of Ukraine).**

Comparing poultry product output across different regions of Ukraine, it should be noted that farms in Vinnytsya, Dnipropetrovsk, and Cherkasy regions are specialized in meat production. At the same time, egg production is widespread across all regions of Ukraine and continues to grow.

In the context of the ongoing war, the poultry industry faces the following problems and challenges:

- loss of part of production capacities in combat zones;
- reduced access to quality feed, fertilizers, and equipment;
- decreased purchasing power of the population;
- issues with energy supply for poultry facilities;
- complications in logistics, particularly through ports;
- staffing challenges due to population migration caused by military actions.

### **Conclusions**

Thus, the poultry industry is a promising branch of animal husbandry, allowing for the satisfaction of the population's demand for animal-based products.



To increase the efficiency of poultry farming and expand the production volumes on an industrial basis, it is necessary to develop a program for attracting investments for the development of specialized poultry enterprises, and to improve the pricing mechanisms for energy, feed, and material and technical resources.

Specialized poultry enterprises capable of implementing production processes on an innovative basis should increase their market share in poultry products, which will contribute to the effective implementation of food security programs.

Among the production challenges of the poultry industry, the main ones are: ensuring adequate balanced compound feed, reducing material and financial costs of maintaining livestock, increasing the poultry population, breeding and introducing new strains of all types of poultry, deepening specialization and competition, and reducing feed costs and production expenses.

### **References.**

1. Duranova T. A. Current state and prospects of poultry farming development // *Bulletin of Socio-Economic Research*. 2010. №. 38. P. 259-264.
2. Vinichenko I. I., Makhovskyi D. V. State and prospects of development of poultry enterprises in Ukraine // *Agrosvit*. 2015. №. 24. P. 3-6.
3. Livestock of Ukraine 2022. State Statistics Service of Ukraine: official website. Available at: <https://stat.gov.ua/uk/publications/tvarynnytstvo-ukrayiny-2022> (accessed 10 December 2025).

Article submitted: 19 December 2025.

© V.O. Pepko