



Statistics Korea

Press Release

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2023 Livestock Production Cost Survey

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2023 Livestock Production Cost Survey

In 2023, the production costs of calves, milk, hogs, eggs and broilers recorded a year-on-year increase. Whereas, the production costs of Korean beef cattle and beef cattle recorded a year-on-year decrease.

○ The production costs of calves, milk, hogs, eggs and broilers recorded a year-on-year increase owing to the rise in feed costs, family labor costs and livestock purchase costs.

* <Feed costs> Calf (9.2%), Milk (3.2%), Hog (2.8%), Egg (7.4%), Broiler (6.0%)

* <Family labor costs> Calf (11.5%), Milk (3.0%), Broiler (5.4%)

* <Livestock purchase costs> Hog (10.2%), Egg (9.3%), Broiler (11.0%)

○ The production costs of Korean beef cattle and beef cattle recorded a year-on-year decrease owing to the drop in calf purchase costs.

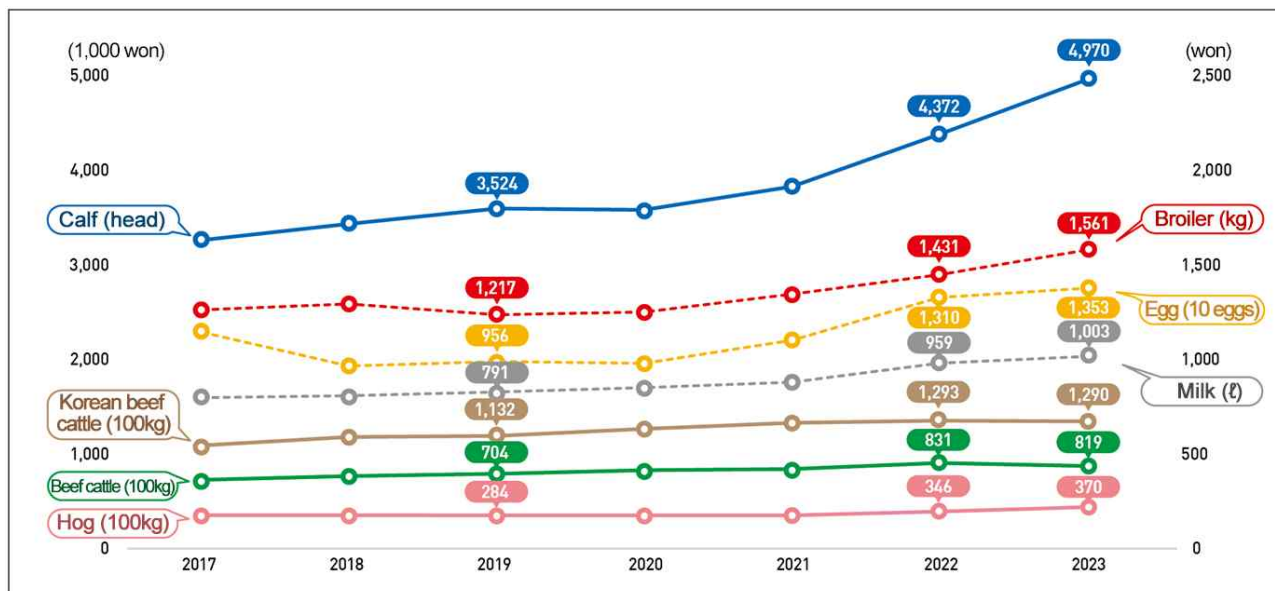
* <Livestock purchase costs> Korean beef cattle (-14.8%), Beef cattle (-42.4%)

< Livestock Production Costs >

Livestock	Classification		2022		2023		Year-on-year			
	Production cost	Operating cost	Production cost	Operating cost	Change		Percent change (%)			
					Production cost	Operating cost	Production cost	Operating cost		
Calf (1,000 won per head)	4,372	3,106	4,970	3,457	598	351	13.7	11.3		
Korean beef cattle (1,000 won per 100kg)	1,293	1,144	1,290	1,121	-3	-23	-0.2	-2.0		
Beef cattle (1,000 won per 100kg)	831	701	819	673	-12	-28	-1.4	-4.0		
Milk (won per liter)	959	821	1,003	857	44	35	4.6	4.3		
Hog (1,000 won per 100kg)	346	329	370	348	25	18	7.1	5.6		
Egg (won per 10 eggs)	1,310	1,264	1,353	1,314	43	50	3.3	3.9		
Broiler (won per kg)	1,431	1,374	1,561	1,501	130	127	9.1	9.2		

* Production cost = Operating cost + (Family labor cost + Capital service cost + Land service cost)

< Livestock Production Costs by year (2017 ~ 2023) >



□ In 2023, the net profit of 6 livestock species including Korean breeding cows recorded a year-on-year decrease. Whereas, the net profit of dairy cows recorded a year-on-year increase.

○ (Korean breeding cow, Korean beef cattle and beef cattle)

The net profit of Korean breeding cows, Korean beef cattle and beef cattle marked a year-on-year decrease owing to the drop in the price of main products.

* Price of calves at producing regions (1,000 won per calf aged 6 ~ 7 months): 3,863 in 2022 → 3,418 in 2023 (a drop of 11.5%)

* Auction price of Korean beef cattle (won per kg of castrated cattle): 20,980 in 2022 → 18,619 in 2023 (a drop of 11.3%)

* Auction price of beef cattle (won per kg of castrated cattle): 10,910 in 2022 → 9,646 in 2023 (a drop of 11.6%)

○ (Hog and layer)

The net profit of hogs and layers marked a year-on-year decrease owing to a higher rise in breeding costs compared to the price of main products.

* Price of hogs received by farm households (1,000 won per 110kg of hogs): 441 in 2022 → 433 in 2023 (a drop of 1.8%)

* Price of eggs at producing regions (won per 10 extra-large eggs): 1,635 in 2022 → 1,613 in 2023 (a drop of 1.4%)

○ (Broiler)

The net profit of broilers marked a year-on-year decrease owing to the rise in breeding costs in spite of the rise in gross receipts.

* Price of fresh broilers (won per kg of fresh broilers): 1,732 in 2022 → 1,847 in 2023 (a rise of 6.6%)

○ (Dairy cow)

The net profit of dairy cows marked a year-on-year increase owing to a rise in the price of raw milk received by farm households.

* Milk (2020=100, Price index of milk received by farmers): 103.0 in 2022 → 109.1 in 2023 (a rise of 5.9%)

※ Source: Livestock Information Center of the National Agricultural Cooperative Federation (NongHyup), Korea Institute for Animal Products Quality Evaluation, Statistics Korea

< Profitability of Livestock >

Livestock	Classification	2022			2023			<Net profit > Year-on-year	
		Gross receipts	Income*	Net profit**	Gross receipts	Income*	Net profit**	Change	Percent change (%)
Korean breeding cow (1,000 won per head)		2,710	487	-409	2,143	-247	-1,276	-867	-211.9
Korean beef cattle (1,000 won per head)		9,648	506	-689	8,785	-91	-1,426	-736	-106.8
Beef cattle (1,000 won per head)		4,781	-430	-1,396	4,191	-916	-2,020	-624	-44.7
Dairy cow (1,000 won per head)		10,664	2,801	1,529	11,220	3,086	1,731	201	13.2
Hog (1,000 won per head)		450	75	57	447	48	23	-34	-60.1
Layer (won per head)		46,765	8,627	7,256	45,462	5,995	4,830	-2,426	-33.4
Broiler (won per head)		2,627	354	260	2,767	260	159	-101	-38.8

* Income = Gross receipts – General costs

** Net profit = Gross receipts – Breeding costs