



AGRICULTURAL STATISTICS POCKETBOOK



2022



AGRICULTURAL STATISTICS POCKETBOOK 2022

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EXPLANATION OF SYMBOLS

Statistical notations:

- .. = data not available
- ... = confidential data closed with data security barriers
- = no data
- 0 = data cannot be expressed, being smaller than the unit applied
- +) = preliminary estimates

Eurostat international projections:

- e = estimated data
- i = imputed data
- P = preliminary, provisional data
- u = unofficial data

Note:

Data for the year 2022 are preliminary therefore they may change later. Methodological information related to the data on the infographics and the map can be found below the tables containing the data.

ADDITIONAL INFORMATION

The publication provides information on the developments and situation in agriculture, forestry and food industry in 2022. Statistical data published in previous pocket-books were used to provide comparability of time series.

Besides national and branch indicators and data, principal agricultural data are presented in details by counties.

International statistics are suitable to show the main trends.

The published data are compiled based on the publications of the Hungarian Central Statistical Office (KSH), National Game Management Database (OVA), Hungarian Energy and Public Utility Regulatory Authority (MEKH), National Land Centre (NFK), EUROSTAT, the Food and Agricultural Organization (FAO) and the Institute of Agricultural Economics (AKI).

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FOREWORD



In almost seven decades, the Institute of Agricultural Economics has grown into a research and knowledge center with Hungary's most important agricultural economic databases. Our institute supports the development of the Hungarian countryside and agriculture by performing research, analysis, and statistics in cooperation with domestic and international policy makers, science and higher education actors. The Agricultural Statistics Pocketbook has been compiling reliable, current, and objective information on the development of the Hungarian agricultural economy for decades.

We trust that you will find our pocketbook useful this year as well, and that reading it will provide insightful information for all our readers.

Dr. Pál Goda

Managing Director
Institute of Agricultural
Economics

**EMPLOYMENT IN
AGRICULTURE**

**336k
employees**



pages 12-21

**AGRICULTURAL
OUTPUT**

**3,998.1bn
HUF**



pages 22-47

**INTERNATIONAL TRADE
BALANCE**

(food industry + agricultural products)

**929.6bn
HUF**



pages 72-83

**SHEEP
POPULATION**

**872k
head**



pages 84-97

NUMBER OF
PEOPLE EMPLOYED

85.4k

OF FOOD INDUSTRY



pages 48–61



MAZE
PRODUCTION

**2,803k
tonnes**



pages 98–126

FOREST AREA

**1.96mn
hectares**



pages 62–71



SUMMARY DATA ON THE AGRICULTURAL SUB-SECTORS



336k persons

Number of people employed
in agriculture in 2022



+16.4%

Monthly average gross earnings
of full-time employees
in agriculture, hunting, forestry and
fishing increased



+3.5%

Agriculture's share of the national
economy



+33.4%

Gross output of agriculture and
food industry



+17.4%

Monthly average gross earnings of
employees in the
national economy increased



+20.0%

Combined investment in
machinery in agriculture and food
industry increased

EMPLOYMENT BY SUB-SECTORS, 2022

17.4k persons



Forestry

135.1k persons



Food industry

181.6k persons



Agriculture

CONSTRUCTION INVESTMENT OUTLAY BY SUB-SECTORS, 2022

8,659mn HUF



Forestry

162,608mn HUF



Food industry

200,645mn HUF



Agriculture

NUMBER OF PEOPLE EMPLOYED^{a)}

The proportion of people employed in agriculture and food manufacturing was

7.1%

within the total number of people employed in 2022.

Denomination	2018	2019	2020	2021	2022
	thousand persons				
Number of employed total	4,606.4	4,644.6	4,603.2	4,634.6	4,695.6
Agriculture, forestry, fishery	217.4	212.7	213.9	201.4	200.5
Out of which: Plant production, animal husbandry, farming and related services	191.5	191.1	193.0	181.2	181.6
Forestry	23.6	20.3	19.0	18.0	17.4
Manufacture of food products, beverages and tobacco products	147.7	149.5	147.2	143.1	135.1
Priority sectors altogether	365.1	362.2	361.1	344.5	335.7
Other classified sectors total	4,237.9	4,277.2	4,238.2	4,290.0	4,359.9
Unclassified	3.3	5.2	4.0	–	–
	Percentage share, per cent				
Number of people employed total	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, fishery	4.7	4.6	4.6	4.3	4.3
Out of which: Plant production, animal husbandry, farming and related services	4.2	4.1	4.2	3.9	3.9
Forestry	0.5	0.4	0.4	0.4	0.4
Manufacture of food products, beverages and tobacco products	3.2	3.2	3.2	3.1	2.9
Priority sectors altogether	7.9	7.8	7.8	7.4	7.1
Other classified sectors total	92.0	92.1	92.1	92.6	92.9
Unclassified	0.1	0.1	0.1	–	–

^{a)} Due to low sample size, numbers between 2.5–5.0 thousand persons should be treated with caution, and numbers below 2.5 thousand persons should be disregarded.

Methodological change: from January 2021 onwards, in line with international regulations. In accordance with international regulations in addition to people working while receiving childcare allowance and childcare benefit also those workers are considered employed, who had worked only before receiving the childcare fee but receive a cash benefit during absence and are allowed to return to their previous workplace.

Source: Hungarian Central Statistical Office

STUDENTS IN HIGHER EDUCATION IN BACHELOR'S AND MASTER'S DEGREE PROGRAMS IN THE FIELD OF AGRICULTURE AND ALL FIELDS OF TRAINING

Academic year	Agriculture ^{a)}	All fields of training	Proportion of students in the field of agriculture, per cent
	number of students		
2015/2016	7,318	259,529	2.8
2016/2017	9,445	250,707	3.8
2017/2018	9,155	247,008	3.7
2018/2019	8,882	245,764	3.6
2019/2020	8,658	248,704	3.5
2020/2021	8,246	249,168	3.3
2021/2022	8,271	253,927	3.3
2022/2023	8,173	251,194	3.3

^{a)} Agriculture, forestry, fishery, veterinary sciences

Source: Hungarian Central Statistical Office, Ministry of Innovation and Technology

3.3%

of university/college students study in the field of agriculture.

NUMBER OF STUDENTS IN THE FIELD OF AGRICULTURE BY COUNTY^{a)}, 2022

In 2022, the proportion of students in the field of agriculture was the highest in Pest County

20.5%.

Regions	Number of students in adult education	Number of persons in student status
	people	
Pest	306	3,742
Central Hungary	306	3,742
Fejér	69	944
Komárom-Esztergom	16	393
Veszprém	154	646
Central Transdanubia	239	1,983
Győr-Moson-Sopron	78	1,012
Vas	57	970
Zala	–	38
Western Transdanubia	135	2,020
Baranya	124	524
Somogy	134	1,161
Tolna	139	467
Southern Transdanubia	397	2,152
Transdanubia	771	6,155
Borsod-Abaúj-Zemplén	349	720
Heves	103	552
Nógrád	–	210
Northern Hungary	452	1,482
Hajdú-Bihar	169	1,161
Jász-Nagykun-Szolnok	38	530
Szabolcs-Szatmár-Bereg	589	1,107
Northern Great Plain	796	2,798
Bács-Kiskun	197	1,496
Békés	360	1,105
Csongrád-Csanád	246	1,446
Southern Great Plain	803	4,047
Great Plain and North	2,051	8,327
Total	3,128	18,224

^{a)} The table shows the total number of students according to the Hungarian National Qualification Register and the Register of Vocational Occupations.

Source: National Office of Vocational Education and Training and Adult Learning

GROSS OUTPUT AND GROSS VALUE ADDED BY SUB-SECTORS

Denomination	2018	2019	2020	2021	2022 ^{a)}
	at current basic prices				
Output, billion HUF					
National economy, total ^{a)}	85,144.7	93,875.1	93,609.1	109,966.1	141,630.2
Agriculture and fishery	3,156.5	3,321.7	3,494.7	4,077.3	4,910.2
Forestry	180.1	190.2	173.9	209.7	275.1
Manufacture of food products, beverages and tobacco products	3,585.1	3,841.9	4,042.6	4,664.8	6,757.2
Together	6,921.6	7,353.7	7,711.2	8,951.8	11,942.4
Percentage distribution, per cent					
National economy, total ^{a)}	100.0	100.0	100.0	100.0	100.0
Agriculture and fishery	3.7	3.5	3.7	3.7	3.5
Forestry	0.2	0.2	0.2	0.2	0.2
Manufacture of food products, beverages and tobacco products	4.2	4.1	4.3	4.2	4.8
Together	8.1	7.8	8.2	8.1	8.4
Gross value added (GVA), billion HUF					
National economy, total ^{a)}	36,642.2	40,267.1	40,874.4	46,719.8	56,186.4
Agriculture and fishery	1,428.3	1,499.2	1,558.1	1,824.1	2,010.0
Forestry	84.3	89.5	83.8	100.5	129.2
Manufacture of food products, beverages and tobacco products	787.3	807.7	856.2	915.7	1,125.2
Together	2,299.9	2,396.4	2,498.0	2,840.3	3,264.4
Percentage distribution, per cent					
National economy, total ^{a)}	100.0	100.0	100.0	100.0	100.0
Agriculture and fishery	3.9	3.7	3.8	3.9	3.6
Forestry	0.2	0.2	0.2	0.2	0.2
Manufacture of food products, beverages and tobacco products	2.1	2.0	2.1	2.0	2.0
Together	6.3	6.0	6.1	6.1	5.8

^{a)} At basic price – sum of all branches.

Source: Hungarian Central Statistical Office

Gross output of agriculture grew by

33.4%

in 2022, according to preliminary data.

INVESTMENT OUTLAY BY SUB-SECTORS^{a)}

Agricultural investment outlay increased significantly by

42.3%

in 2022.

Branches	2018	2019	2020	2021	2022
	at current prices, million HUF				
National economy, total	7,208,428	8,271,407	8,546,347	9,933,914	11,809,490
<i>Agriculture</i>	231,173	283,814	295,722	328,066	466,923
Growing of non-perennial crops	82,167	92,983	109,382	110,443	154,472
Growing of perennial crops	3,867	6,685	7,012	7,370	11,074
Plant propagation	3,517	2,659	2,086	4,094	4,292
Animal production	126,280	161,905	161,079	187,532	259,317
Mixed farming	1,250	1,767	1,593	1,885	1,910
Support activities to agriculture and post-harvest crop activities	14,018	17,711	14,491	16,685	35,737
Hunting, trapping and related service activities	75	104	78	58	121
<i>Forestry and logging</i>	9,761	11,471	11,942	19,643	20,136
Silviculture and other forestry activities	986	1,662	2,000	5,441	6,052
Logging	7,601	8,076	9,140	11,739	11,810
Support services to forestry	1,172	...	800	2,460	2,260
<i>Fishing and aquaculture</i>	1,141	1,263	1,387	1,075	1,825
Fishery	434	333	562	108	143
Aquaculture	708	930	824	967	1,682
<i>Food industry</i>	238,422	256,678	271,102	396,099	452,664
Together	480,497	553,226	580,153	744,882	941,548

^{a)} Data of enterprises with more than 4 employees, budgetary institutions, organisations operating in accordance with the budgetary law and non-profit organisations under observation. Based on quarterly data collection.

Source: Hungarian Central Statistical Office

CONSTRUCTION INVESTMENTS OUTLAY BY SUB-SECTORS^{a)}

Branches	2018	2019	2020	2021	2022
	at current prices, million HUF				
National economy, total	3,587,488	4,208,814	4,525,437	5,203,456	6,331,587
<i>Agriculture</i>	68,094	111,632	113,378	125,147	200,645
Growing of non-perennial crops	26,512	37,999	46,946	43,926	58,638
Growing of perennial crops	1,040	2,912	2,941	3,747	5,877
Plant propagation	1,050	1,522	880	1,822	1,264
Animal production	36,068	62,628	57,195	69,676	120,429
Mixed farming	282	579	555	444	512
Support activities to agriculture and post-harvest crop activities	3,126	5,948	4,834	5,516	13,892
Hunting, trapping and related service activities	17	44	27	16	33
<i>Forestry and logging</i>	5,048	5,379	6,260	9,603	8,659
Silviculture and other forestry activities	146	312	768	2,811	3,468
Logging	4,876	5,040	5,423	6,623	5,134
Support services to forestry	26	...	69	168	58
<i>Fishing and aquaculture</i>	463	373	490	359	846
Fishery	163	94	241	18	44
Aquaculture	300	280	249	340	802
<i>Food industry</i>	70,262	71,254	93,026	133,563	162,608
Together	143,868	188,639	213,154	268,672	372,759

^{a)} Data of enterprises with more than 4 employees, budgetary institutions, organisations operating in accordance with the budgetary law and non-profit organisations under observation. Based on quarterly data collection.

Source: Hungarian Central Statistical Office

3.2%

of the construction investments are agricultural.

MACHINERY INVESTMENT OUTLAY BY SUB-SECTORS^{a)}

3.5%

of the total machinery investment belongs to agriculture.

Branches	2018	2019	2020	2021	2022
	at current prices, million HUF				
National economy, total	3,560,223	3,998,340	3,951,859	4,658,303	5,394,914
<i>Agriculture</i>	<i>106,896</i>	<i>111,016</i>	<i>116,515</i>	<i>135,008</i>	<i>187,554</i>
Growing of non-perennial crops	48,239	47,889	55,744	58,890	85,017
Growing of perennial crops	1,979	2,818	2,892	2,729	4,457
Plant propagation	2,375	1,065	1,118	2,214	2,851
Animal production	43,334	47,443	47,052	59,967	74,040
Mixed farming	767	962	845	1,026	1,161
Support activities to agriculture and post-harvest crop activities	10,149	10,785	8,816	10,146	19,942
Hunting, trapping and related service activities	53	53	47	37	86
<i>Forestry and logging</i>	<i>4,640</i>	<i>5,962</i>	<i>5,404</i>	<i>9,639</i>	<i>10,782</i>
Silviculture and other forestry activities	831	1,333	1,187	2,584	2,246
Logging	2,663	2,932	3,500	4,771	6,319
Support services to forestry	1,146	...	716	2,282	2,202
<i>Fishing and aquaculture</i>	<i>670</i>	<i>889</i>	<i>895</i>	<i>691</i>	<i>975</i>
Fishery	263	239	321	89	99
Aquaculture	407	650	573	603	876
<i>Food industry</i>	<i>165,334</i>	<i>183,575</i>	<i>176,370</i>	<i>261,023</i>	<i>288,510</i>
Together	277,540	301,442	299,183	406,362	487,821

^{a)} Data of enterprises with more than 4 employees, budgetary institutions, organisations operating in accordance with the budgetary law and non-profit organisations under observation. Based on quarterly data collection.

Source: Hungarian Central Statistical Office

AVERAGE MONTHLY GROSS AND NET EARNINGS OF FULL-TIME EMPLOYEES IN AGRICULTURAL SUB-SECTORS^{a)}

Denomination	2019	2020	2021	2022 ¹⁾
	Gross earnings, HUF			
National economy	356,286	391,194	425,915	499,980
Agriculture, hunting, forestry, and fishing	276,783	302,221	325,640	379,052
Out of which: Plant production, animal husbandry, farming and related services	277,337	304,196	325,611	376,211
Livestock	295,563	323,640	347,619	403,135
Forestry	277,578	292,462	331,441	406,994
Fishing and aquaculture	227,670	249,509	272,293	317,021
Manufacture of food products, beverages, and tobacco products	387,087	419,074	453,457	523,338
	Net earnings, HUF			
National economy	236,931	260,144	283,234	332,487
Agriculture, forestry, hunting and fishing	184,061	200,977	216,550	252,070
Out of which: Plant production, animal husbandry, farming and related services	184,429	202,290	216,531	250,180
Livestock	196,549	215,220	231,167	268,085
Forestry	184,589	194,487	220,408	270,651
Fishing and aquaculture	151,401	165,923	181,075	210,819
Manufacture of food products, beverages, and tobacco products	257,413	278,684	301,549	348,020

^{a)} Whole circle of employers (the whole circle of enterprises employing employees, non-profit organisations and budgetary institutions).

Source: Hungarian Central Statistical Office

Average net earnings of full-time employees in agriculture, forestry, hunting and fishing increased by

16.4%.

AGRICULTURE



3,998.1 bn HUF

Hungary's agricultural output in 2022



-33.4%

Decreased in fertilizer sales volume



+13.3%

The value of pesticide turnover increased



+50.9%

The average purchase price of sunflower raised



+56.1%

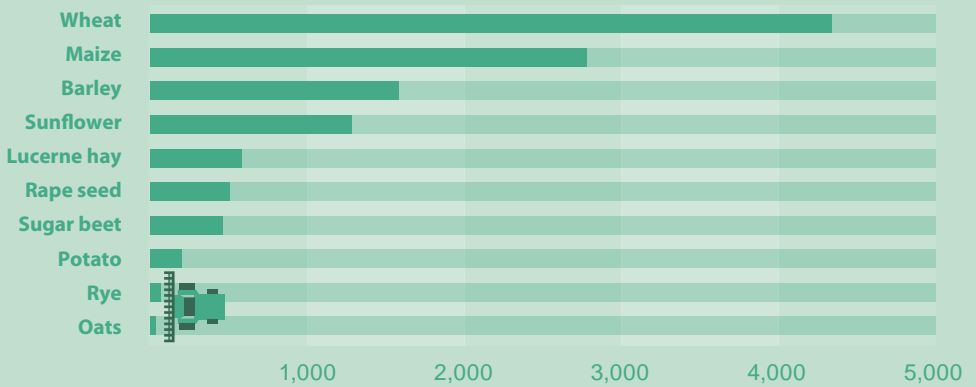
The average purchase price of maize grew



+0.6%

The agricultural area increased

YIELD OF MAJOR CROPS, 2022 (thousand tonnes)



LIVESTOCK POPULATIONS AT 1ST DECEMBER 2022

872k head



Sheep

885k head



Cattle

2,558k head



Pig

29,124k head



Hen

AREA BY LAND USE^{a)} 1ST JUNE

Increase in
the area of grassland
by

2.2%.

Land use	Average of 2013–2017	2018	2019	2020	2021	2022 ^{*)}
	thousand hectares					
Arable land	4,199	4,334	4,318	4,037	4,145	4,163
Kitchen garden	19	45	39	3	3	3
Orchard	89	94	94	87	84	84
Vineyard	65	71	68	62	62	60
Grassland	770	799	790	733	754	771
Agricultural area	5,141	5,344	5,310	4,922	5,049	5,081
Forest	1,940	1,940	1,940	..	..	..
Reed	35	35	35	..	..	..
Fishpond	36	37	35	..	..	..
Productive land area	7,337	7,356	7,319	..	..	..
Uncultivated land area	1,966	1,948	1,984	..	..	..
Land area, total	9,303	9,303	9,303	..	..	..

^{a)} Due to methodological change in data collection, only the data on agricultural area (arable land, kitchen garden, orchard, vineyard, grasslands) have been available since 2020. From 2020 onwards, the comparability of data with previous years is limited due to changes in economic thresholds.

Source: Hungarian Central Statistical Office

MAIN ENERGY SOURCES IN FORESTRY AND AGRICULTURE

In 2021 biogas use in
forestry and
agriculture increased
by

21.4%

compared to the
previous year.

Denomination	2018	2019	2020	2021
Coal (thousand tonnes)	2	3	3	3
Natural gas (million cu.m.)	131	157	181	170
Gasoline (thousand tonnes)	4	3	3	3
Diesel oil (thousand tonnes)	371	369	379	363
Fuel oil (thousand tonnes)	0.10	0.05	0.03	0.03
Electricity (million kWh)	994	1,022	1,023	980
Firewood, wood products, wood waste and other vegetable materials (thousand tonnes)	44	42	37	37
LPG (thousand tonnes)	17	21	26	20
Derived heat (terajoule)	15	16	15	26
Biogas (terajoule)	33	16	28	22
Geothermal energy (terajoule)	1,782	1,762	1,626	1,536

Source: Hungarian Energy and Public Utility Regulatory Authority

SALE AND USE OF FERTILIZERS^{a)}

Year	Nitrogenous	Phosphorous	Potassium	Total
	fertilizer in active ingredients			
	Sale thousand tonnes			
2018	424	117	111	652
2019	416	114	100	630
2020	445	112	97	655
2021	456	116	113	685
2022 ^{b)}	325	66	65	456
	kg per hectare of agricultural area ^{b)}			
2018	79	22	21	122
2019	78	22	19	119
2020	90	23	20	133
2021	89	22	21	136
2022 ^{b)}	64	13	13	90

^{a)} Direct sales of agricultural input retailers for the agricultural and forestry sector.

^{b)} Due to a methodological change, from 2020 onwards the data collection only includes data of data providers reaching the economic threshold.

Source: Hungarian Central Statistical Office, Institute of Agricultural Economics

Active amount of nitrogen fertiliser used per hectare of agricultural land has decreased by

28.1%

compared to 2021.

FARMS' USE OF INORGANIC FERTILIZERS^{a)}

Year	Total	Of which:			
		arable land	orchards	vineyards	grasslands
	Fertilized area, thousand hectares				
2018	2,984.7	2,933.6	26.9	9.4	14.7
2019	3,056.3	3,011.3	24.4	6.4	14.1
2020	3,066.3	3,003.3	28.3	10.1	24.6
2021	3,332.4	3,272.8	24.1	11.7	23.9
2022	3,236.3	3,193.0	19.1	8.7	15.5
	Total amount of fertiliser used in active substance, thousand tonnes				
2018	1,217.7	1,202.2	9.3	3.4	2.9
2019	1,160.8	1,147.9	7.9	2.3	2.8
2020	1,172.1	1,153.5	8.7	3.6	6.2
2021	1,292.0	1,273.8	8.0	3.7	6.4
2022	1,108.0	1,095.9	5.5	2.6	4.0
	Amount per hectare of area fertilised, kg				
2018	408.0	409.8	345.1	358.7	197.7
2019	379.8	381.2	322.3	351.7	200.5
2020	382.2	384.1	307.9	361.0	250.2
2021	387.7	389.2	334.7	319.3	266.8
2022	342.4	343.2	287.6	298.8	260.0

^{a)} Due to a methodological change, from 2020 onwards the data collection only includes data of data providers reaching the economic threshold, therefore the comparability of data with previous years is limited.

Source: Hungarian Central Statistical Office

Farms used fertilizer on more than

3.2 million hectares

in 2022.

FARMS' USE OF ORGANIC FERTILIZERS^{a)}

Solid manure was used
on nearly

233
thousand
hectares

in 2022.

Year	Denomination	Total	Arable land	Orchards	Vineyard
Area with organic fertilizer, hectare					
2018		200,751	183,150	4,949	3,437
2019 ^{b)}		190,824	174,714	3,755	2,076
2020 ^{c)}	Total solid farmyard manure	205,356	188,802	5,396	3,108
2021		223,754	226,031	4,124	3,146
2022		233,590	214,885	3,007	2,858
Area with slurry, hectare					
2018		43,292	42,590	257	42
2019 ^{b)}		45,025	44,261	194	65
2020 ^{c)}	Total slurry	50,507	49,592	257	76
2021		55,391	71,536	165	142
2022		54,087	52,307	301	139
Quantity of used organic fertilizer, tonnes					
2018		3,867,516	3,681,348	46,416	70,005
2019 ^{b)}		3,657,096	3,475,321	44,994	47,117
2020 ^{c)}	Total solid farmyard manure	4,028,098	3,778,786	69,147	64,975
2021		3,778,062	3,621,461	52,125	37,952
2022		3,709,383	3,580,944	28,471	41,734
Quantity of used slurry, m ³					
2018		2,427,469	2,374,703	5,347	2,706
2019 ^{b)}		2,467,332	2,397,756	9,137	3,535
2020 ^{c)}	Total slurry	2,735,888	2,693,124	7,898	4,370
2021		2,812,610	2,734,923	4,898	5,941
2022		2,895,724	2,826,755	4,896	4,162
Quantity of organic fertilizer used per hectare, tonnes/hectare					
2018		19.3	20.1	9.4	20.4
2019 ^{b)}		19.2	19.9	12.0	22.7
2020 ^{c)}	Total solid farmyard manure	19.6	20.0	12.8	20.9
2021		16.9	16.0	12.6	12.1
2022		15.9	16.7	9.5	14.6
Quantity of slurry application per hectare, m ³ /hectare					
2018		56.1	55.8	20.8	64.6
2019 ^{b)}		54.8	54.2	47.1	54.6
2020 ^{c)}	Total slurry	54.2	54.3	30.7	57.4
2021		50.8	38.2	29.7	41.8
2022		53.5	54.0	16.3	29.9

^{a)} The data refer to farming year.

^{b)} In 2019 the data refer to calendar year.

^{c)} Due to a methodological change, from 2020 onwards the data collection only includes data of data providers reaching the economic threshold, therefore the comparability of data with previous years is limited.

Forrás: Hungarian Central Statistical Office

RAW MATERIALS USED FOR THE PRODUCTION OF COMPOUND FEED^{a)}

Denomination	2019	2020	2021	2022
	thousand tonnes			
Total cereal grains	2,315	2,338	2,400	2,197
Total oil seeds and their progenies (incl. protected)	304	319	341	285
Total protein crops and their progenies (incl. protected)	568	540	548	525
Total secondary products of manufacturing	338	358	382	375
Total fats, oils	49	55	58	49
Total concentrated protein carrier	8	11	10	8
Total feed supplements and materials of mineral origin	197	204	218	198
Total product of mixed fodder	3,779	3,825	3,956	3,637

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total.

Source: Institute of Agricultural Economics

The production of mixed fodder decreased by

8.1%

in 2022.

MANUFACTURE OF COMPOUND FEED FOR LIVESTOCK

Denomination	2019	2020	2021	2022 ^{a)}
	thousand tonnes			
Poultry total	1,913	1,868	1,997	1,786
Pig	1,342	1,399	1,382	1,321
Cattle ^{a)}	380	428	433	403
Other ruminants	41	42	41	41
Fish and other	101	88	103	86
Total product of mixed fodder	3,779	3,825	3,956	3,637

^{a)} Fodder seeds.

Source: Institute of Agricultural Economics

In 2022,
36.3%
of mixed fodder was pig feed.

SALES OF PESTICIDE^{a)}

The value of pesticide sales increased by

13.3%

in Hungary.

Year	Total	Insecticide	Fungicide	Herbicide	Other chemicals
Sale, thousand tonnes					
2018	26,065	4,008	5,076	8,647	8,334
2019	26,778	4,953	5,061	8,840	7,924
2020	29,244	5,544	5,540	9,162	8,998
2021	28,315	5,183	4,998	9,145	8,989
2022	26,379	5,392	4,041	8,249	7,254
Sale, million HUF					
2018	99,859	15,699	27,712	45,551	10,897
2019	104,529	18,310	28,921	47,708	9,590
2020	117,116	21,643	32,575	51,474	11,424
2021	121,012	21,765	31,554	55,797	11,896
2022	137,108	26,226	35,632	61,748	13,502

^{a)} Agricultural input sales directly to farmers.

Source: Institute of Agricultural Economics, Hungarian Central Statistical Office

PRODUCTION OF MAIN CROPS

Denomination	Average of 2013–2017	2018	2019	2020	2021	2022
Harvested area, thousand hectares						
Wheat	1,048	1,026	1,016	937	893	979
Rye	32	26	26	26	26	20
Barley	285	244	247	261	269	331
Oats	44	23	22	26	25	17
Maize	1,116	939	1,028	981	1,055	817
Sugar-beet	17	16	14	13	12	10
Sunflower seed	626	617	564	613	655	680
Rape seed	239	331	301	310	258	205
Lucerne hay	154	193	213	205	199	191
Potatoes	18	12	11	10	9	8
Total production, thousand tonnes						
Wheat	5,300	5,258	5,378	5,121	5,290	4,355
Rye	96	88	91	84	85	59
Barley	119	1,146	1,383	1,484	1,712	1,591
Oats	7,635	59	70	77	77	38
Maize	7,635	7,977	8,278	8,414	6,462	2,782
Sugar-beet	1,052	958	823	780	678	470
Sunflower seed	1,707	1,830	1,707	1,698	1,758	1,286
Rape seed	736	1,003	912	877	734	505
Lucerne hay	741	1,013	1,028	921	784	594
Potatoes	455	304	290	270	240	199
Yields, kg per hectare						
Wheat	5,070	5,120	5,290	5,470	5,930	4,450
Rye	3,014	3,370	3,490	3,200	3,310	2,940
Barley	4,720	4,690	5,590	5,680	6,370	4,810
Oats	2,692	2,620	3,230	2,990	3,060	2,270
Maize	6,900	8,490	8,060	8,580	6,130	3,410
Sugar-beet	62,700	60,770	58,490	60,440	56,420	48,430
Sunflower seed	2,724	2,970	3,030	2,770	2,680	1,890
Rape seed	3,064	3,030	3,030	2,830	2,850	2,470
Lucerne hay	4,760	5,240	4,820	4,500	3,940	3,120
Potatoes	23,252	22,220	23,590	23,380	23,990	20,900

Source: Hungarian Central Statistical Office

The harvested area of wheat increased by

9.6%,

the harvested area of maize

22.6%

decreased by in 2022 compared to the previous year.

VITICULTURE, FRUIT GROWING AND VEGETABLE PRODUCTION

The area under vines has decreased by

15.0%

compared to the average for 2013-2017.

Megnevezés	Average of 2013-2017	2018	2019	2020	2021
Viticulture ^{a)}					
Total vineyard (thousand hectares)	78	71	68	63	63
Productive vineyard (thousand hectares)	69	66	65	60	59
Average yield (on productive vineyard), kg/hectare	6,738	8,070	7,040	7,300	7,410
Total production (thousand tonnes)	467	533	457	435	438
Out of which: table grapes (thousand tonnes)	13	11	10	8	5
Wine (drawn off once), million litres	303	355	306	307	295
Fruit growing					
Total area of orchard (thousand hectares)	93	94	94	89	87
Productive orchard (thousand hectares)	83	83	84	80	79
Total production (thousand tonnes)	829	925	733	575	699
Out of which: apple	571	679	498	399	515
pears	26	26	22	20	22
sour cherry	76	84	63	61	61
plum and greengage	46	47	45	27	33
apricot	22	14	25	11	12
peach	39	23	28	12	11
Vegetable production					
Total area (thousand hectares)	-	91	89	83	81
Total production (thousand tonnes)	-	1,520	1,493	1,424	1,398
Out of which: sweetcorn	493	515	483	511	472
tomato	156	179	159	154	172
green pepper	109	97	101	86	92
spice pepper	19	16	19	16	16
watermelon	194	179	175	147	124
cantaloupe	17	15	15	13	14
onion	60	39	49	54	50
cucumber	32	30	27	25	26
garlic	7	8	7	5	6
lettuce	-	9	8	8	8
white cabbage	59	41	41	40	37

^{a)} Including the quantity of grapes produced in orchards and arbours.

Source: Hungarian Central Statistical Office

LIVESTOCK^{a)}

Denomination	Average of 2013–2017	2018	2019	2020	2021	2022
		1 st December, thousand heads				
Farms, total						
Cattle, total	825	885	909	933	902	885
Of which: cows	370	403	412	414	420	418
Pigs, total	3,008	2,872	2,634	2,850	2,726	2,558
Of which: breeding sows	187	178	155	164	157	148
Sheep, total	1,175	1,109	1,061	944	887	872
Hen	31,260	30,658	30,874	28,888	32,114	29,124

^{a)} Due to a methodological change, from 2020 onwards the data collection only includes data of data providers reaching the economic threshold, therefore the comparability of data with previous years is limited.

Source: Hungarian Central Statistical Office

The pig population has decreased by

15.0%

compared to the 2013–2017 average.

PRODUCTION OF ANIMALS FOR SLAUGHTER AND ANIMAL PRODUCTS

Denomination	Average of 2012–2016	2018	2019	2020	2021	2022 ^{a)}
Animals for slaughter, total (thousand tonnes)	1,465	1,602	1,632	1,587	1,704	1,528
Out of which: cattle for slaughter	85	99	103	106	114	103
pigs for slaughter	567	583	589	560	579	538
sheep for slaughter	19	20	20	20	21	21
poultry for slaughter	762	869	889	876	963	841
Fish (thousand tonnes)	19	23	21	22	22	21
Cow milk (million litres)	1,845	1,898	1,911	1,961	2,026	1,965
Hen eggs (million pieces)	2,482	2,539	2,578	2,541	2,533	2,406
Wool (ton)	3,811	3,712	3,672	3,553	3,421	3,343

Source: Hungarian Central Statistical Office, Institute of Agricultural Economics

The livestock production for slaughter was

10.3%

less than a previous year earlier, according to preliminary data.

LIVE ANIMALS FOR SLAUGHTER IN SLAUGHTERHOUSES

Slaughtering of pig
decreased by

6.9%

compared to 2021.

Denomination	2018	2019	2020	2021	2022
	thousand heads				
Cattle	112	112	106	109	98
Pigs	4,705	4,620	4,701	4,869	4,532
Sheep	46	46	38	48	42
Poultry, total	217,024	220,888	217,056	233,488	207,803
Out of which: chicken for slaughter	168,903	173,781	181,365	185,939	175,066
goose for slaughter	5,790	6,305	3,410	4,275	2,783
duck for slaughter	33,845	33,251	24,121	33,869	21,297
turkey for slaughter	6,843	7,054	7,029	6,493	5,840

Source: Institute of Agricultural Economics

MAIN INDICATORS OF LIVESTOCK PRODUCTION

Pig production per
capita in 2022 was

55.5 kg

according to
preliminary data.

Denomination	2018	2019	2020	2021	2022 ¹⁾
	kg				
Cattle for slaughter					
per cow	251	251	256	276	248
per capita	10.1	10.5	10.8	11.8	10.6
Pigs for slaughter					
per sow	3.275	3.506	3.394	3.552	3.427
per capita	59.6	60.3	57.3	59.5	55.5
Sheep for slaughter					
per capita	2.0	2.0	2.0	2.2	2.2
Poultry for slaughter					
per capita	88.9	91.0	89.7	99.0	86.8
Milk production, litres					
per cow	7.809	7.833	8.241	7.447	7.067
per capita	194.1	195.5	200.7	208.2	202.8
Eggs production, pieces					
per hen	233	240	248	253	245
per capita	260	264	260	260	248
Wool production					
per sheep	3.6	3.7	3.7	4.0	4.0
per capita	0.4	0.4	0.4	0.4	0.3

Source: Hungarian Central Statistical Office

USE OF BIOMASS FOR ENERGY

Raw materials	2020	2021	2022
	Quantity used, tonnes		
Total forestry feedstock	1,261,813	1,590,175	1,590,175
Total forestry by-product	...	15,667	94,359
Total herbaceous plant fuel material	260,144	207,916	204,428
Total products from agriculture	871,060	734,803	699,676
Total products from processing industry	813,898	751,394	842,267
Total household, institutional raw materials	175,046	...	145,778
Total other materials not mentioned elsewhere	116,480	213,631	270,215
Total	3,527,818	3,650,954	3,930,963

From the use of biomass for energy the share of forestry feedstock was

40.5%.

Source: Institute of Agricultural Economics

TERMS OF TRADE

Denomination	2018	2019	2020	2021	2022
	previous year = 100.0				
Producer price index	102.7	105.4	107.4	119.3	149.7
Price indices of inputs	105.1	103.9	101.0	117.1	146.5
Intermediate consumption	105.1	103.6	100.2	118.9	151.3
Seeds	108.4	105.9	103.0	106.9	134.6
Energy	107.4	100.8	95.3	117.7	150.5
Fertilizers	103.8	107.9	91.3	158.0	256.2
Chemicals	101.3	102.9	101.0	107.1	122.0
Fodder	105.7	103.0	102.1	126.5	146.6
Maintenance of machines	103.6	104.2	106.5	107.4	117.1
Maintenance of buildings	109.8	110.1	109.1	114.1	128.9
Veterinary products	101.4	105.9	106.2	105.4	111.6
Other costs	103.1	103.5	102.8	104.9	110.5
Agricultural investments	105.7	105.0	106.1	107.8	117.1
Machines	103.8	102.2	105.7	106.0	112.8
Buildings	109.4	109.6	107.2	110.8	123.9
Terms of trade^{a)}	97.7	101.4	106.2	101.9	102.2

Terms of trade was

102.2%

in 2022.

^{a)} According to EUROSTAT methodology industry/agriculture price scissors equal to producer price index divided by the input price index.

Source: Hungarian Central Statistical Office

AGRICULTURAL PRODUCER PRICE INDICES

The producer price index of cereals increased by

164.1%

compared to 2015.

Goods	2018	2019	2020	2021	2022 ^{a)}
	2015 = 100.0				
Crop products	102.9	107.2	119.1	152.0	230.3
• Cereals	105.0	105.1	114.1	158.3	264.1
• Vegetables	113.3	128.1	133.4	139.7	185.4
• Fruits ^{a)}	97.8	105.7	138.9	143.1	151.2
• Live animals and animal products	105.2	113.3	114.6	119.2	173.6
• Agricultural products total	103.7	109.4	117.4	140.1	209.7
	Previous year = 100.0				
Crop products	106.8	101.8	110.1	136.3	160.1
Cereals	109.8	100.1	108.6	138.7	166.9
Vegetables	115.9	113.4	104.2	104.7	132.7
Fruits ^{a)}	86.3	108.0	131.5	103.0	105.6
• Live animals and animal products	97.8	107.7	101.2	104.1	145.6
• Agricultural products total	102.7	105.4	107.4	119.3	149.7

^{a)} Including wine grape.

Source: Hungarian Central Statistical Office

VOLUME INDICES OF SALES OF AGRICULTURAL PRODUCTS^{a)}

The volume of fruit sales was

14.8%

fell by compared to the previous year.

Goods	2018	2019	2020	2021	2022 ^{a)}
	2000 = 100.0				
Crop and horticultural products	148.4	149.5	148.7	136.5	103.8
• Cereals	145.8	158.0	171.3	149.5	107.8
• Vegetables	98.6	98.9	98.7	103.9	90.5
• Fruits	73.2	47.9	42.8	47.7	40.7
• Live animals and animal products	100.8	101.0	101.7	106.9	97.4
• Agricultural products total	122.4	123.0	123.1	120.9	101.0
	Previous year = 100.0				
Crop and horticultural products	106.6	100.7	99.5	91.8	76.0
Cereals	103.8	108.4	108.4	87.3	72.1
Vegetables	88.9	100.3	99.8	105.2	87.1
Fruits	113.8	65.4	89.4	111.5	85.2
• Live animals and animal products	100.3	100.2	100.7	105.2	91.1
• Agricultural products total	103.8	100.5	100.1	98.2	83.5

^{a)} Purchase data.

Source: Hungarian Central Statistical Office

AVERAGE PRICES OF MAIN PRODUCTS

Denomination	2018	2019	2020	2021	2022 ^{a)}
Wheat (HUF per ton)	48,971	50,733	54,802	72,548	128,969
Barley (HUF per ton)	43,199	44,142	44,544	59,039	107,755
Maize (HUF per ton)	46,111	43,823	49,808	72,823	113,683
Sunflower seed (HUF per ton)	97,213	100,736	122,363	177,427	267,758
Rape seed (HUF per ton)	107,934	116,168	125,972	174,896	282,598
Potatoes (HUF per ton)	80,348	114,611	93,893	106,122	134,527
White cabbage (HUF per kg)	87	109	94	103	135
Onions dry (HUF per kg)	91	130	102	105	142
Green beans (HUF per kg)	76	88	82	88	139
Green peas (shelled weight) (HUF per kg)	87	94	103	123	181
Tomatoes (HUF per kg)	62	107	113	139	175
Green pepper (HUF per kg)	254	301	323	300	408
Apple (HUF per kg)	26	47	59	37	60
Pears (HUF per kg)	113	149	192	165	221
Apricots (HUF per kg)	215	122	234	270	254
Peaches (HUF per kg)	77	66	87	153	164
Wine-grapes (HUF per kg)	86	75	86	96	112
Pigs for slaughter ^{a)} (HUF per kg)	363	445	440	386	582
Cattle for slaughter (together with veal calves) (HUF per kg)	414	413	429	483	657
Poultry for slaughter (HUF per kg)	295	298	288	323	469
Cow milk, raw (HUF per litre)	97	102	107	114	173
Hen eggs for consumption (HUF per piece)	24	24	25	27	40

^{a)} Without calf for slaughter

Source: Hungarian Central Statistical Office

In 2022, the purchase price of maize increased by

56.1%

compared to 2021.

AVERAGE MARKET PRICES^{a)} (1/2)

The average market price of poppy seed was

HUF 2,309
per kg

in 2022.

Denomination	2018	2019	2020	2021	2022 ^{a)}
	HUF per kg				
Crop products					
Bean (dry)	1,232	1,258	..	1,437	1,618
Pea (dry)	702	727	..	879	1,056
Lentil (for consumption)	818	872	..	934	1,195
Poppy seed (for consumption)	1,639	2,096	..	2,088	2,309
Potato (for consumption)	194	245	..	250	329
Vegetables					
White cabbage	244	285	..	304	414
Kohlrabi	567	589	..	628	736
Carrot	347	373	..	374	416
Parsley root	852	1,078	..	984	1,044
Radish	692	771	..	907	976
Onion	231	309	..	300	361
Garlic	1,657	1,712	..	2,003	2,157
Lettuce	535	483	..	505	639
Spinach	1,024	1,115	..	1,183	1,384
Cucumber	360	390	..	479	622
Squash	240	267	..	329	424
Cantaloupe	335	314	..	399	474
Watermelon	169	184	..	227	323
Green beans	749	846	..	1,164	1,320
Green peas in the shell	848	678	..	858	1,102
Tomato	529	593	..	637	796
Sweet corn for cooking	481	617	..	674	874
Mushroom (cultivated)	693	802	..	943	1,180
Green pepper	499	555	..	645	829

^{a)} Average offer prices.

Due to the COVID-19 pandemic, data collection has been suspended in April, May, and June 2020, thus annual data are not available.

Source: Hungarian Central Statistical Office

AVERAGE MARKET PRICES^{a)} (2/2)

Denomination	2018	2019	2020	2021	2022 ^{a)}
	HUF per kg				
	Fruits				
Apple	274	264	..	397	409
Pears	464	536	..	639	675
Cherry	717	896	..	1,094	1,064
Sour cherry	477	668	..	778	885
Plum and greengage	326	324	..	469	544
Apricot	724	485	..	1,076	859
Peach	532	409	..	812	794
Walnut (in the shell)	933	1,036	..	1,167	1,289
Chestnut	1,231	1,418	..	1,639	1,850
Gooseberry	914	923	..	1,255	1,443
Currants	1,085	1,265	..	1,426	1,646
Raspberry	2,076	2,698	..	3,260	3,693
Strawberry	1,247	1,332	..	1,844	1,828
Table grapes	505	513	..	710	780
	Animal products				
Hen eggs (HUF per piece)	44	41	..	48	66
Honey	1,925	1,947	..	2,436	2,720

In 2022, the average market price of cherry was

HUF 1,064

kilogram according to preliminary data.

^{a)} Average offer prices.

Due to the COVID-19 pandemic, data collection was suspended in April, May, and June 2020, thus annual data are not available.

Source: Hungarian Central Statistical Office

ANNUAL AVERAGE CONSUMER PRICES OF SELECTED GOODS

The average consumer price of white bread was

64.3%

higher in 2022 than a year earlier.

Goods	2018	2019	2020	2021	2022
	HUF				
Pork, short loin, kg	1,470	1,580	1,790	1,700	2,140
Pork, leg, without bone and hoof, kg	1,210	1,340	1,530	1,440	1,510
Beef, shoulder, with bone, kg	1,960	2,050	2,260	2,470	3,570
Chicken ready to cook, kg	678	684	718	764	1,140
Chicken leg, kg	631	631	659	710	1,100
Chicken wings, kg	577	587	626	691	1,000
Filleted turkey breast, kg	1,710	1,780	1,900	1,900	2,430
Filleted chicken breast, kg	1,410	1,420	1,430	1,530	1,680
Sausage "Gyulai" type, kg	3,380	3,570	4,010	4,090	4,960
Párizsi cold cuts, kg	1,440	1,570	1,900	1,910	2,320
Carp slice or fillet, kg	2,030	2,180	2,270	2,430	3,180
Eggs, 10 pieces	428	401	431	461	678
Pasteurised ESL milk, 2.8% fat content, litre	250	243	263	270	390
Trappist-style cheese block, kg	1,700	1,760	1,890	2,010	3,330
Sour cream, 20% fat, 140-175 grams in plastic cup, piece	154	163	171	177	280
Pork lard, 400-500 g (except mangalica)	389	383	448	463	707
Sweet bacon, kg	1,530	1,620	1,900	1,970	2,450
Cooking oil, sunflower-seed, litre	488	486	517	675	736
Plain flour, kg	145	158	172	192	215
Husked rice, unpolished, kg	323	345	390	432	607
White bread, kg	294	309	356	401	659
Light-brown bread, kg	250	280	316	351	575
Granulated sugar, kg	207	209	240	258	262
Ground coffee, 200-250 g, pack	718	696	698	733	1,020
White table wine, 1.5-2 litre, bottle	574	571	586	615	698
Red table wine, 1.5-2 l, bottle	613	606	616	656	755
Lager, 0.4-0.5 litre, bottle	203	214	222	229	268
Fruit-flavoured spirits, 0.2 litre ^{a)}	865	963	1,050	1,120	1,260
Sopianae cigarettes, multifilter, short, 20 pieces, pack	1,150	1,260	1,390	1,640	1,730

^{a)} Not less than 30 per cent alcoholic strength.

Source: Hungarian Central Statistical Office

SALES OF AGRICULTURAL MACHINERY

Denomination	2018	2019	2020	2021	2022
	Sales, piece ^{a)}				
Wheeled tractors	3,160	3,100	3,053	3,383	4,192
Grain combines	262	254	242	252	403
Soil cultivation machinery	5,571	5,464	5,126	6,051	5,930
Ploughs	692	617	694	670	509
Disc cultivators	906	899	805	843	945
Seedbed makers	594	513	547	626	630
Seeders and planters	1,025	915	904	1,104	1,369
Conventional seed drill	222	202	157	209	222
Precision seeder	383	398	435	517	741
Nutrient recovery machines	1,245	1,093	1,000	1,162	1,348
Solid fertilizer spreaders	1,000	957	883	997	1,141
Organic fertilizer spreaders	191	87	83	126	122
Plant protection and care machines	1,675	1,174	1,165	1,270	1,554
Field sprayers	804	749	821	929	943
Harvester headers	415	324	382	335	345
Corn headers	165	170	194	180	148
Sunflower headers	199	109	161	114	140
Forage harvesters	1,783	1,693	1,370	1,493	1,764
Balers	753	520	338	442	495
	Sales, million HUF				
Wheeled tractors	58,691	62,541	69,520	78,649	136,087
Grain combines	20,210	20,757	22,447	26,256	50,457
Soil cultivation machinery	19,769	21,077	23,060	27,328	33,501
Seeders and planters	9,887	10,079	10,499	14,228	25,812
Nutrient recovery machines	3,976	3,361	3,103	4,427	9,050
Plant protection and care machines	10,120	10,507	11,046	9,905	28,879
Harvester headers	3,759	4,458	4,263	4,325	5,885
Forage harvesters	4,074	3,859	2,979	4,368	6,822
Balers	5,790	5,453	3,854	6,074	8,413

^{a)} Excluding sales of second-hand machinery, resales, and sales abroad, both within and outside the EU.

Source: Institute of Agricultural Economics

The value of wheeled tractors increased by

73.0%

in 2022.

COSTS AND RETURNS OF WHEAT AND MAIZE PRODUCTION

Prime cost of maize was

HUF 52
thousand

per tonne in 2021.

Denomination	Average values of the main undertakings producing goods					
	Wheat			Maize		
	2019	2020	2021	2019	2020	2021
Production cost (HUF/ha)	254,462	265,657	295,805	305,689	323,327	350,170
Average yield (tonnes/ha)	5.76	5.88	6.21	9.02	9.47	6.72
Prime cost (HUF/tonnes)	43,707	44,832	47,193	33,877	34,133	52,112
Sales price (HUF/tonnes)	50,792	52,602	72,438	44,086	49,863	75,898
Average revenue ^{a)} (HUF/tonnes)	7,085	7,771	25,245	10,209	15,729	23,785
Economic outturn of the sector ^{b)} (HUF/ha)	118,102	133,746	238,901	174,442	235,037	244,150
Sectoral economic outturn per HUF 100 production cost (HUF)	46.41	50.35	80.76	57.07	72.69	69.72

^{a)} Without subsidies.

^{b)} Including subsidies.

Source: Institute of Agricultural Economics

COSTS AND RETURNS OF SUNFLOWER AND RAPE PRODUCTION

The cost of rape production per hectare increased by

17.8%.

Denomination	Average values of the main undertakings producing goods					
	Sunflower			Rape		
	2019	2020	2021	2019	2020	2021
Production cost (HUF/ha)	268,166	272,549	307,579	309,954	303,962	358,173
Average yield (tonnes/ha)	3.03	2.92	2.78	3.23	2.86	2.97
Prime cost (HUF/tonnes)	88,794	93,447	110,767	95,970	106,414	120,405
Sales price (HUF/tonnes)	102,749	119,281	174,194	115,234	123,985	173,211
Average revenue ^{a)} (HUF/tonnes)	13,955	25,834	63,427	19,264	17,571	52,805
Economic outturn of the sector ^{b)} (HUF/ha)	122,255	161,288	257,427	141,867	136,254	236,154
Sectoral economic outturn per HUF 100 production cost (HUF)	45.59	59.18	83.69	45.77	44.83	65.93

^{a)} Without subsidies.

^{b)} Including subsidies.

Source: Institute of Agricultural Economics

COSTS AND RETURNS OF SWEETCORN AND GREEN PEA PRODUCTION

Denomination	Average values of the main undertakings producing goods					
	Sweetcorn			Green pea		
	2019	2020	2021	2019	2020	2021
Production cost (HUF/ha)	518,057	522,739	608,242	404,771	508,609	484,329
Average yield (tonnes/ha)	16.50	15.97	15.46	4.92	5.34	5.22
Prime cost (HUF/tonnes)	31,402	32,719	39,331	82,277	95,195	92,847
Sales price (HUF/tonnes)	37,117	42,330	52,281	89,826	94,200	114,304
Average revenue ^{a)} (HUF/tonnes)	5,716	9,611	12,950	7,549	-994	21,457
Economic outturn of the sector ^{b)} (HUF/ha)	244,426	312,053	371,431	149,689	138,769	248,362
Sectoral economic outturn per HUF 100 production cost (HUF)	47.18	59.70	61.07	36.98	27.28	51.28

^{a)} Without subsidies.

^{b)} Including subsidies.

Source: Institute of Agricultural Economics

The economic outturn of the sector of green peas grew by

79.0%

per hectare compared to 2020.

COSTS AND RETURNS OF APPLE AND SOUR CHERRY PRODUCTION

Denomination	Average values of the main undertakings producing goods					
	Apple			Sour cherry		
	2019	2020	2021	2019	2020	2021
Production cost (HUF/ha)	1,086,464	964,164	1,012,664	822,511	900,235	925,425
Average yield (tonnes/ha)	25.99	19.98	30.38	7.41	7.40	8.92
Prime cost (HUF/tonnes)	41,804	48,251	33,333	110,984	121,642	103,710
Sales price (HUF/tonnes)	63,612	95,019	65,590	188,645	170,507	168,034
Average revenue ^{a)} (HUF/tonnes)	21,807	46,769	32,257	77,661	48,865	64,324
Economic outturn of the sector ^{b)} (HUF/ha)	953,538	1,323,255	1,405,678	904,761	659,078	902,773
Sectoral economic outturn per HUF 100 production cost (HUF)	87.77	137.24	138.81	110.00	73.21	97.55

^{a)} Without subsidies.

^{b)} Including subsidies.

Source: Institute of Agricultural Economics

The economic outturn of the sector of sour cherries grew by

37.0%

per hectare compared to 2020.

COSTS AND RETURNS OF DAIRY COW AND TABLE EGG PRODUCTION

Prime cost of egg was

HUF 25.7 per piece

in 2021.

Denomination	Average values of the main undertakings producing goods					
	Dairy cow			Table egg		
	2019	2020	2021	2019	2020	2021
Production cost (HUF/individual) ^{a)}	864,995	812,549	901,820	6,154	5,819	6,822
Average yield (litre/cow, egg/hen)	8,589	8,372	7,835	274	270	265
Prime cost (HUF/litre, HUF/piece)	95.69	92.50	111.23	22.48	21.57	25.70
Sales price (HUF/litre, HUF/piece)	99.34	106.38	118.97	26.04	25.40	27.75
Average revenue ^{b)} (HUF/litre, HUF/piece)	3.65	13.88	7.73	3.56	3.83	2.06
Economic outturn of the sector ^{c)} (HUF/individual) ^{a)}	267,127	334,793	253,123	1,287	587	974
Sectoral economic outturn per HUF 100 production cost (HUF)	30.88	41.20	28.07	20.91	10.09	14.28

^{a)} Per annual average number of heads of animals.

^{b)} Without subsidies.

^{c)} Including subsidies.

Source: Institute of Agricultural Economics

COSTS AND RETURNS OF PIG AND CHICKEN FATTENING

The cost prime of chick fattening increased by

14.9%

compared to 2020.

Denomination	Average values of the main undertakings producing goods					
	Pig fattening			Chicken fattening		
	2019	2020	2021	2019	2020	2021
Production cost (HUF/individual) ^{a)}	122,607	133,737	137,622	4,358	5,075	5,858
Average yield (kg/day)	0,70	0,70	0,70	0,05	0,05	0,05
Prime cost (HUF/kg)	381	405	432	246	263	302
Sales price (HUF/kg)	448	426	389	261	262	290
Average revenue per unit ^{b)} (HUF/kg)	67	21	-44	15	-1	-12
Economic outturn of the sector ^{c)} (HUF/individual) ^{a)}	36,734	12,995	-2,210	446	262	21
Sectoral economic outturn per HUF 100 production cost (HUF)	29,96	9,72	-1,61	10,23	5,16	0,00

^{a)} Per annual average number of heads of animals.

^{b)} Without subsidies.

^{c)} Including subsidies.

Source: Institute of Agricultural Economics

THE CHANGE IN NET VALUE ADDED PER HECTARE

Denomination	2018	2019	2020	2021	2022
	Net value added thousand HUF/ha				
Individual farms	241	244	285	342	379
Corporate farms	267	289	357	359	513
All farms	251	262	311	348	427

Source: Institute of Agricultural Economics

The net value added per hectare of corporate farms is

35.3%

higher than that of individual holdings.

CHANGES IN NET VALUE ADDED (INDIVIDUAL ENTREPRENEUR AND JOINT VENTURES TOGETHER)

Megnevezés	2021	2022 ¹⁾	Change 2021-2022
Poultry farmers (thousand HUF/year)	281.59	621.99	0.45
Pig farmers (thousand HUF/year)	93.21	298.21	0.31
Beef and sheep farmers (thousand HUF/year)	297.59	452.78	0.66
Dairy cows (thousand HUF/s.a.)	385.31	557.95	0.69
Arable crop producers (thousand HUF/ha)	294.82	324.55	0.91
Grape growers (thousand HUF/ha)	1,296.14	1,257.77	1.03
Fruit growers (thousand HUF/ha)	648.85	826.55	0.79
Mixed farms (thousand HUF/ha)	399.09	514.35	0.78
Outdoor vegetable producers (thousand HUF/ha)	1,048.19	1,173.89	0.89
Vegetable-growing farms (thousand HUF/ha)	12,574.51	18,366.11	0.68

Source: Institute of Agricultural Economics

Net value added increased compared to the previous year only for **grape-growers.**

ECONOMIC ACCOUNTS OF AGRICULTURE

In 2022, the combined share of crop and horticultural products of total agricultural output was

57.1%.

Denomination	2018	2019	2020	2021	2022 ⁽¹⁾
	Current price, million HUF				
• Cereals (including seeds)	713,753	748,422	821,489	1,016,206	1,114,592
• Industrial crops (inc. pulses)	346,372	342,611	378,995	511,047	569,004
• Forage plants	71,634	71,262	77,650	86,925	72,915
• Grapes, fruits	123,746	120,933	131,734	140,241	143,745
• Wine	35,076	35,827	29,190	24,312	26,650
• Vegetables and horticultural products	225,258	250,960	250,641	263,690	305,794
• Potatoes (including seeds)	24,630	28,684	24,248	23,309	25,438
• Other crop products	13,488	17,418	20,882	21,390	23,730
• Crop output, total	1,553,957	1,616,117	1,734,829	2,087,121	2,281,868
• Animals	656,448	706,587	707,650	767,589	1,003,805
• Cattle	98,742	106,192	113,300	120,336	144,905
• Pigs	222,664	254,815	253,887	231,472	317,938
• Sheep and goats	21,675	21,970	22,791	26,733	32,585
• Poultry	297,888	307,330	301,065	368,067	486,427
• Animal products	289,620	292,138	296,303	344,755	474,623
• Milk	183,692	197,122	209,549	232,317	326,754
• Eggs	61,399	64,178	61,628	65,116	96,176
• Animal output, total	946,068	998,725	1,003,953	1,089,740	1,478,428
• Agricultural goods output	2,500,025	2,614,842	2,738,782	3,199,464	3,760,296
• Agricultural services	142,413	154,712	165,011	183,221	190,605
• Inseparable non-agricultural secondary activities	45,119	50,520	46,170	47,185	47,185
• Agricultural output total	2,687,557	2,820,074	2,949,963	3,429,871	3,998,086
• Total intermediate consumption	1,587,473	1,670,818	1,748,547	2,046,331	2,771,707
• Gross value added at basic prices	1,100,084	1,149,256	1,201,416	1,383,540	1,226,379
• Net value added at basic prices	1,215,296	1,244,686	1,294,325	1,411,370	1,477,713
• Operating surplus / Mixed income	816,571	818,443	848,599	940,048	984,107
• Entrepreneurial income	695,531	686,989	706,718	766,723	780,903

Source: Hungarian Central Statistical Office, Institute of Agricultural Economics

AGRICULTURAL LABOUR INPUT

Denomination	2018	2019	2020	2021	2022 ¹⁾
	Annual Working Unit				
Total	391,601	358,891	326,941	319,026	311,656
Salaried	124,261	118,068	114,649	114,967	111,877
Non-salaried	267,339	240,823	212,292	204,059	199,779

Salaried agricultural labour input decreased by

2.7%.

Source: Hungarian Central Statistical Office, Institute of Agricultural Economics

AGRICULTURAL INCOME INDICES

Denomination	2018	2019	2020	2021	2022 ¹⁾
	previous year = 100.0				
'A' index	102.6	106.7	107.3	103.8	102.2
'C' index	92.6	94.3	96.7	99.8	90.5

Real value of the net entrepreneurial income was

90.5%

compared to the previous year (Indicator 'C').

Source: Hungarian Central Statistical Office, Institute of Agricultural Economics

VOLUMEN INDICES OF AGRICULTURAL OUTPUT AND GROSS VALUE ADDED

The volume index of agricultural output for agricultural services was the highest,

101.0%.

Denomination	2018	2019	2020	2021	2022 ⁽¹⁾
	previous year = 100.0				
Cereals (including seeds)	106.7	105.0	99.6	91.4	63.5
Industrial crops (including pulses)	93.0	91.6	97.4	98.1	72.2
Forage plants	107.7	104.9	94.6	95.6	82.2
Grapes, fruits	111.6	89.2	85.0	109.8	98.4
Vegetables and horticultural products	89.4	99.4	99.3	98.3	91.9
Potatoes (including seed tuber)	89.9	95.6	90.1	87.5	81.4
Other crop products	96.5	106.5	102.9	101.7	100.0
Crop output total	100.7	99.3	97.6	95.5	73.3
Animals	109.4	101.2	97.5	105.2	92.0
Animal products	99.8	97.8	98.1	106.3	98.0
Animal output total	106.3	100.2	97.7	105.5	93.9
Agricultural goods output	102.8	99.6	97.6	99.2	80.5
Agricultural services	102.4	103.0	101.3	101.5	101.0
Inseparable non-agricultural secondary activities	93.0	106.0	86.6	96.4	100.0
Agricultural output total	102.6	99.9	97.6	99.3	81.8
Total intermediate consumption	101.4	101.5	102.8	100.4	94.5
Gross value added at basic prices	104.2	97.5	90.1	97.6	63.1

Source: Hungarian Central Statistical Office, Institute of Agricultural Economics

AGRICULTURAL INSURANCE PREMIUMS

Denomination	2018	2019	2020	2021	2022
	received fee, million HUF				
Crop insurance total	13,213.4	13,715.8	15,983.9	19,208.0	32,921.0
Crop insurance without premium subsidy	2,616.2	2,081.8	1,754.4	1,462.3	2,230.5
Crop insurance with premium subsidy	10,597.2	11,634.0	14,229.5	17,745.7	30,690.5
<i>Premium subsidy - Category 'A'</i>	4,300.8	5,288.8	6,496.5	9,301.6	17,080.0
<i>Premium subsidy - Category 'B'</i>	3,883.9	1,593.5	1,933.4	2,069.1	2,779.0
<i>Premium subsidy - Category 'C'</i>	2,005.8	4,376.6	4,639.7	5,848.6	9,916.3
Livestock insurance total	604.2	540.3	645.7	669.2	1,143.0
Forest insurance total	10.5	3.1	10.0	9.9	12.0
Property and liability insurance total	1,429.3	1,469.7	1,808.4	2,154.4	2,356.0
Agricultural insurances total	15,257.4	15,728.9	18,447.9	22,041.5	36,432.7

Source: Institute of Agricultural Economics

Crop insurance premiums increased by **71.4%-kal** in 2022.

AGRICULTURAL INSURANCES CLAIMS PAYMENTS

Denomination	2018	2019	2020	2021	2022
	claims payments, million HUF				
Crop insurance total	4,837.4	6,603.7	5,868.7	9,694.0	51,797.0
Crop insurance without premium subsidy	847.3	858.7	431.7	563.0	939.0
Crop insurance with premium subsidy	3,990.1	5,745.0	5,437.0	9,131.0	50,857.0
<i>Premium subsidy - Category 'A'</i>	401.6	1,203.2	2,055.2	3,132.0	43,035.2
<i>Premium subsidy - Category 'B'</i>	373.9	533.3	416.7	609.3	603.1
<i>Premium subsidy - Category 'C'</i>	403.3	904.2	650.5	1,887.1	3,049.5
Livestock insurance total	166.1	249.7	159.5	166.0	562.0
Forest insurance total	0.0	0.0	0.0	0.0	2.0
Property and liability insurance total	441.7	681.8	604.9	437.0	579.0
Agricultural insurances total	5,445.2	7,535.2	6,633.1	10,297.0	52,940.0

Source: Institute of Agricultural Economics

Crop insurance claim payments increased by **434.3%** in 2022.

FOOD INDUSTRY



2,566

In 2022 the number of food processing enterprises with more than 5 employees



+16.0%

Gross average earnings increased in the food industry



+14.3%

Investments in the food industry increased



+12.2%

The total loan portfolio of the food industry increased



-0.6%

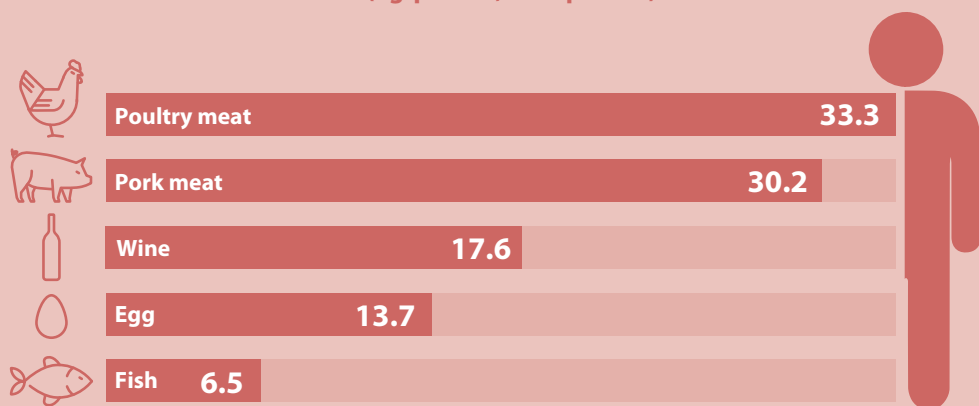
The number of people employed in food industry decreased



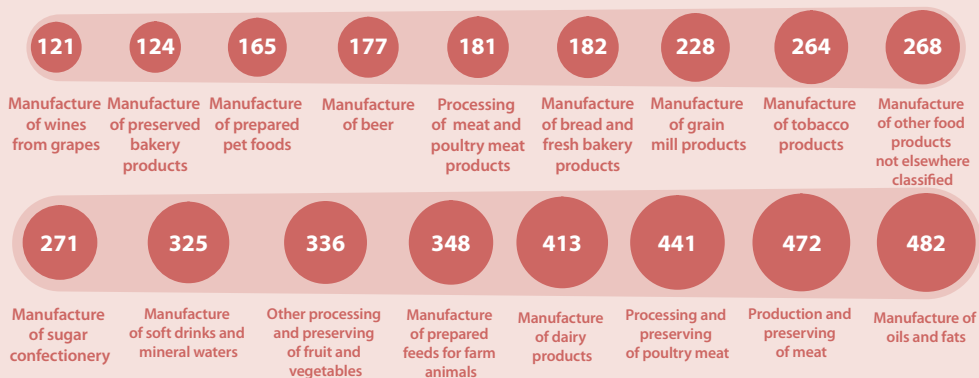
749k HUF

The average gross earnings were the highest in the vegetable and animal oils manufacturing sector

PER CAPITA AMOUNTS OF FOOD AVAILABLE, 2021 (kg/person; litre/person)



NET SALES REVENUE IN KEY SUB-SECTORS OF FOOD INDUSTRY IN 2021 (billion HUF)



REGISTERED FOOD PROCESSING ENTERPRISES BY SUB-SECTORS^{a)}

The number of enterprises engaged in the manufacture of food, beverages and tobacco products increased by

0.6%.

Denomination	Number of enterprises				
	2018	2019	2020	2021	2022
Manufacture of food, beverages and tobacco products	2,619	2,704	2,640	2,551	2,566
Manufacture of food	2,248	2,294	2,223	2,163	2,171
Manufacture of beverages	366	406	413	384	390
Production and preserving of meat	209	205	184	170	164
Processing and preserving of poultry meat	86	85	90	88	80
Production of meat and poultry meat products	64	63	69	69	72
Processing and preserving of fruit and vegetables	206	226	222	214	225
Manufacture of dairy products	46	43	45	45	43
Manufacture of grain mill products	62	64	61	59	57
Manufacture of prepared animal feed	87	88	86	86	92
Manufacture of bread and fresh bakery products	1,041	1,043	1,004	987	996
Manufacture of sugar confectionery	99	103	103	100	94
Manufacture of distilled spirits	52	60	56	49	49
Manufacture of wines from grapes	190	214	234	210	211
Manufacture of beer	24	23	22	24	26
Manufacture of soft drinks and mineral waters	84	87	83	83	84
Manufacture of tobacco products	5	5	-	-	-

^{a)} Data from enterprises with at least 5 employees.

Source: Hungarian Central Statistical Office

PEOPLE EMPLOYED IN SUB-SECTORS OF FOOD INDUSTRY^{a)}

Denomination	2018	2019	2020	2021	2022 ^{a)}
	persons				
Manufacture of food products	85,952	85,740	82,934	85,971	85,423
Production and preserving of meat, processing of meat products	24,550	24,581	23,581	23,710	23,044
Out of which					
Processing and preserving of meat	8,196	7,640	7,189	6,997	6,900
Processing and preserving of poultry-meat	9,831	10,843	10,422	10,647	10,142
Processing of meat and poultry-meat products	6,523	6,098	5,970	6,066	6,002
Processing and preserving of fish	...	49	51	132	84
Processing and preserving of fruit and vegetables	8,180	8,029	7,975	8,085	8,087
Processing of vegetable and animal oils	998	1,001	988	1,040	1,190
Manufacture of dairy products	6,920	7,026	6,883	7,007	6,747
Manufacture of grain mill products and starch	2,683	2,767	2,798	2,775	3,468
Manufacture of bakery and pasta products	26,173	25,385	23,954	25,284	24,413
Out of which					
Manufacture of bread; fresh bakery products	20,077	18,914	17,612	18,272	18,098
Manufacture of preserved bakery products	4,377	4,897	4,702	5,413	4,557
Manufacture of pasta products	1,719	1,574	1,640	1,599	1,759
Manufacture of other food products	9,863	10,310	9,901	10,829	11,179
Out of which					
Manufacture of sugar	...	252	251	243	245
Manufacture of sugar confectionery	3,368	3,333	2,962	2,626	2,697
Manufacture of prepared animal feeds	6,539	6,590	6,804	7,109	7,211
Manufacture of beverages	10,080	10,326	10,125	10,428	10,620
Out of which					
Manufacture of wines from grapes	3,496	3,540	3,378	3,502	3,538
Manufacture of beer	1,773	1,818	1,813	1,847	1,877
Manufacture of soft drinks, production of mineral waters	3,523	3,736	3,824	3,928	4,037
Manufacture of tobacco products	1,585	1,311	1,410	1,352	1,336
Manufacture of food products, beverages and tobacco products	97,618	97,377	94,470	97,750	97,380

^{a)} Scope: from 2019 onwards, data refer to the full range of employers, while the previous time series data refer to enterprises with five or more employees, all budgetary institutions and non-profit organisations with a significant impact on employment. Source of data: Institutional Labour Statistics Data Collection System (from 2019 onwards, data will be collected from administrative sources).

Source: Hungarian Central Statistical Office, Hungarian State Treasury, National Tax and Customs Administration.

In 2022,
85.4 thousand people

were employed in the food industry.

GROSS AVERAGE EARNINGS OF EMPLOYEES IN SUB-SECTORS OF FOOD INDUSTRY^{a)}

In the food industry in 2022 the average gross earnings were the highest in the **vegetable and animal oils** manufacturing sector.

Denomination	2018	2019	2020	2021	2022
	HUF				
Manufacture of food products	274,654	312,823	342,743	367,908	426,844
Production and preserving of meat, processing of meat products	255,757	283,827	307,014	338,150	388,136
Out of which					
Processing and preserving of meat	242,743	262,887	294,726	341,379	390,569
Processing and preserving of poultry-meat	255,324	287,195	303,257	331,563	381,213
Processing of meat and poultry-meat products	275,514	307,854	333,288	347,374	398,464
Processing and preserving of fish	...	326,308	340,208	345,690	434,740
Processing and preserving of fruit and vegetables	277,137	317,782	347,926	369,438	429,714
Processing of vegetable and animal oils	502,801	564,482	600,913	635,919	749,436
Manufacture of dairy products	302,539	337,677	368,464	391,161	456,466
Manufacture of grain mill products and starch	350,069	406,164	458,744	482,804	538,556
Manufacture of bakery and pasta products	221,011	257,988	278,176	301,116	353,578
Out of which					
Manufacture of bread and fresh bakery products	196,670	228,428	245,942	260,023	307,786
Manufacture of preserved bakery products	283,876	328,848	348,012	388,191	465,679
Manufacture of pasta products	289,875	333,650	355,066	387,653	455,790
Manufacture of other food products	299,532	336,591	367,108	390,903	449,697
Out of which					
Manufacture of sugar	...	465,757	498,967	513,241	585,357
Manufacture of sugar confectionery	269,089	305,423	331,489	335,325	387,327
Manufacture of prepared animal feeds	383,864	445,511	486,650	517,569	582,341
Manufacture of beverages	373,287	407,270	439,813	463,338	531,263
Out of which					
Manufacture of wines from grapes	267,817	290,763	312,286	331,664	381,231
Manufacture of beer	484,208	519,049	557,561	559,570	643,694
Manufacture of soft drinks, production of mineral waters	424,099	461,310	490,454	531,092	603,964
Manufacture of tobacco products	332,387	409,683	492,149	515,702	594,463
Manufacture of food products, beverages and tobacco products	286,250	324,591	356,130	380,725	441,128

^{a)} Scope: from 2019 onwards, data refer to the full range of employers, while the previous time series data refer to enterprises with five or more employees, all budgetary institutions and non-profit organisations with a significant impact on employment. Source of data: Institutional Labour Statistics Data Collection System (from 2019 onwards, data will be collected from administrative sources).

Source: Hungarian Central Statistical Office, Hungarian State Treasury, National Tax and Customs Administration.

NET AVERAGE EARNINGS OF EMPLOYEES IN SUB-SECTORS OF FOOD INDUSTRY^{a)}

Denomination	2018	2019	2020	2021	2022
	HUF				
Manufacture of food products	182,645	208,028	227,924	244,659	283,851
Production and preserving of meat, processing of meat products	170,079	188,745	204,164	224,870	258,110
Out of which					
Processing and preserving of meat	161,424	174,820	195,993	227,017	259,728
Processing and preserving of poultry-meat	169,791	190,985	201,666	220,489	253,507
Processing of meat and poultry-meat products	183,217	204,723	221,637	231,004	264,979
Processing and preserving of fish	...	216,995	226,239	229,884	289,102
Processing and preserving of fruit and vegetables	184,296	211,325	231,371	245,676	285,760
Processing of vegetable and animal oils	334,362	375,380	399,607	422,886	498,375
Manufacture of dairy products	201,188	224,555	245,029	260,122	303,550
Manufacture of grain mill products and starch	232,796	270,099	305,065	321,064	358,140
Manufacture of bakery and pasta products	146,973	171,562	184,987	200,242	235,129
Out of which					
Manufacture of bread and fresh bakery products	130,787	151,904	163,551	172,915	204,678
Manufacture of preserved bakery products	188,778	218,684	231,428	258,147	309,677
Manufacture of pasta products	192,767	221,878	236,119	257,790	303,100
Manufacture of other food products	199,189	223,833	244,127	259,951	299,048
Out of which					
Manufacture of sugar	...	309,728	331,813	341,305	389,262
Manufacture of sugar confectionery	178,944	203,106	220,441	222,991	257,573
Manufacture of prepared animal feeds	255,269	296,265	323,623	344,184	387,257
Manufacture of beverages	248,236	270,835	292,476	308,120	353,290
Out of which					
Manufacture of wines from grapes	178,099	193,358	207,671	220,557	253,519
Manufacture of beer	321,998	345,168	370,778	372,114	428,057
Manufacture of soft drinks, production of mineral waters	282,025	306,771	326,152	353,176	401,636
Manufacture of tobacco products	221,037	272,439	327,279	342,942	395,318
Manufacture of food products, beverages and tobacco products	190,357	215,853	236,826	253,182	293,350

^{a)} Scope: from 2019 onwards, data refer to the full range of employers, while the previous time series data refer to enterprises with five or more employees, all budgetary institutions and non-profit organisations with a significant impact on employment. Source of data: Institutional Labour Statistics Data Collection System (from 2019 onwards, data will be collected from administrative sources).

Source: Hungarian Central Statistical Office, Hungarian State Treasury, National Tax and Customs Administration.

In the food industry in 2022 the average monthly net earnings were the lowest in the **bread and fresh bakery products** manufacturing sector.

VOLUME INDICES OF GROSS OUTPUT IN BRANCHES OF FOOD INDUSTRY^{a)}

The largest volume growth was in **manufacture of prepared animal feeds** in 2022.

Denomination	2018	2019	2020	2021	2022 ^{a)}
	previous year = 100.0				
Manufacture of food, beverages and tobacco products	104.3	105.0	100.6	108.5	106.6
Out of which	0.0	0	0	0	0
Production and preserving of meat	100.4	104.0	97.8	111.8	96.8
Processing and preserving of poultry meat	114.0	105.1	93	111.9	90.7
Production of meat and poultry meat products	105.8	104.5	87.8	111.2	109.6
Processing and preserving of fruit and vegetables	98.4	103.8	101.5	108.2	105.2
Operation of dairies and cheese making	98.7	103.3	105.6	102.6	107.5
Manufacture of grain mill products	102.0	99.5	102.7	102.8	94.4
Manufacture of prepared animal feeds	102.9	106.6	104.4	107.4	111.7
Manufacture of bread and fresh bakery products	93.8	92.1	98.2	97.7	99
Manufacture of sugar confectionery	132.4	91.7	91.7	105.8	109.7
Manufacture of distilled spirits	131.9	85.3	109.8	119.8	85.1
Manufacture of wines from grapes	98.6	135.6	93.9	107.3	101.4
Manufacture of beer	112.2	100.4	85.7	105.8	103.1
Manufacture of soft drinks and mineral waters	113.1	104.2	91.9	113.1	115
Manufacture of tobacco products	117.1	91.9	114.9	110.4	106.6

^{a)} Data for industrial enterprises with more than 4 employees.

Source: Hungarian Central Statistical Office

INVESTMENTS OF FOOD PROCESSING ENTERPRISES^{a)}

Denomination	2018	2019	2020	2021	2022
	at current prices, million HUF				
Manufacture of food, beverages and tobacco products	238,422	256,678	271,102	396,099	452,664
Out of which	0	0	0	0	0
Processing and preserving of meat, fish, crustaceans and molluscs	7,156	10,348	13,192	14,536	19,617
Processing and preserving of poultry meat	31,928	23,346	16,173	20,151	15,655
Processing and preserving of fruit and vegetables	17,395	18,655	23,450	30,195	32,904
Operation of dairies and cheese making	27,049	20,939	19,279	16,685	19,782
Manufacture of grain mill products	4,223	5,875	5,518	9,238	10,758
Manufacture of prepared animal feeds	14,789	16,013	28,083	78,127	114,302
Manufacture of cocoa, chocolate and sugar confectionery	5,639	6,316	5,392	5,720	6,534
Manufacture of distilled spirits	2,978	3,772	2,308	2,747	4,632
Manufacture of wines from grape	13,457	15,179	13,313	26,744	22,301
Manufacture of beer	7,519	8,178	9,414	11,849	8,224
Manufacture of soft drinks; production of mineral waters and other bottled waters	18,763	24,116	21,645	27,003	51,772
Manufacture of tobacco products	8,379	7,321	...	...	16,802

^{a)} Based on quarterly data collection. Data of enterprises with more than 4 employees and budgetary institutions, organisations operating in accordance with the budgetary law and non-profit organisations under observation.

Source: Hungarian Central Statistical Office

Among the food, beverages and tobacco production sectors, the largest investment was in the production of prepared **animal feeds** sector in 2022.

TRENDS IN INDICATORS FOR THE FOOD INDUSTRY

Megnevezés	2017	2018	2019	2020	2021	2022 ⁽¹⁾
Share of assets invested (%)	49.5	51.2	51.4	50.8	50.1	49.9
Capital strength (%)	43.0	43.3	43.2	40.9	38.3	36.8
Debt to equity ratio (%)	51.8	52.0	52.2	53.1	55.7	56.8
Share of customers/suppliers (%)	107.5	111.6	102.4	96.1	88.6	94.3
Turnover per headcount (million HUF/person)	42.5	45.6	48.1	52.6	60.3	78.2
Operating profit per head (million HUF/person)	1.7	1.9	2.0	2.6	3.1	4.3
Operating profit in relation to turnover (HUF/100 HUF)	4.1	4.2	4.2	5.0	5.1	36.0
Profit after tax ROS (HUF/100 HUF)	3.5	3.4	3.5	4.1	4.3	4.9
Return on assets ROA (HUF/100 HUF)	4.4	4.4	4.4	5.0	5.1	6.2
Return on equity ROE (HUF/100 HUF)	10.3	10.1	10.3	12.3	13.2	16.8
Liquidity ratio (coefficient)	1.4	1.4	1.3	1.4	1.4	1.4

Source: National Tax and Customs Administration of Hungary, corporate tax declaration data

In the food industry share of assets invested were

49.9%

in 2022 according to preliminary data.

THE MAIN FINANCIAL RESULTS OF THE FOOD INDUSTRY BY SUB-SECTORS

In 2022 the **manufacture of oils and fats production** sector had the highest profit before tax among the food industry sub-sectors according to preliminary data.

Denomination	Number of enterprises (No.)		Operating results (million HUF)		Earnings/ Results before taxes (million HUF)	
	2021	2022 ¹⁾	2021	2022 ¹⁾	2021	2022 ¹⁾
Production and preserving of meat	267	249	20,513	12,782	20,822	14,210
Processing and preserving of poultry meat	102	98	18,367	39,219	21,628	36,405
Processing of meat and poultry meat products	52	49	17,400	17,353	17,944	18,141
Processing and preserving of fish	12	11	-134	-325	-165	-366
Processing and preserving of potatoes	9	10	343	-603	334	-646
Manufacture of fruit and vegetable juice	72	65	2,252	3,517	2,095	3,821
Other processing and preserving of fruit and vegetables	337	302	21,930	17,890	20,133	14,419
Manufacture of oils and fats	48	48	36,365	70,783	20,372	61,865
Manufacture of dairy products	77	68	5,701	16,407	5,981	17,677
Manufacture of ice cream	38	37	-37	8	-49	-42
Manufacture of grain mill products	76	70	11,720	12,627	10,034	11,972
Manufacture of starch products	7	8	4,263	22,450	944	15,413
Manufacture of bread and fresh bakery products	958	905	10,264	15,102	9,956	13,355
Manufacture of preserved bakery products	87	90	5,435	5,819	5,024	5,634
Manufacture of pasta products	111	103	3,415	8,465	3,680	8,184
Manufacture of sugar	3	...	1,921	...	1,996	...
Manufacture of cocoa, chocolate and sugar confectionery	183	161	12,017	15,333	11,281	10,564
Processing of tea and coffee	43	48	432	263	525	371
Manufacture of condiments and seasonings	43	40	2,174	4,027	2,386	3,738
Manufacture of prepared meals and dishes	45	36	2,471	3,271	2,410	3,441
Manufacture of homogenised food preparations and dietetic food	27	25	980	1,457	929	1,322
Manufacture of other food products nec	207	196	20,685	18,963	20,094	17,228
Manufacture of prepared feeds for farm animals	86	78	7,232	15,868	6,202	14,662
Manufacture of prepared pet foods	42	38	6,361	13,754	791	10,707
Manufacture of distilled spirits	308	295	-1,741	9,734	-1,330	9,623
Manufacture of wines from grapes	610	574	9,815	10,831	9,602	10,852
Manufacture of cider and other fruit wines	14	15	55	79	30	52
Manufacture of other non-distilled fermented beverages	6	6	5	29	5	29
Manufacture of beer	85	75	4,247	3,129	3,414	2,444
Manufacture of malt	...	0	...	0	...	0
Manufacture of soft drinks and mineral waters	209	207	25,495	16,184	26,356	13,249
Manufacture of tobacco products	7	7	19,500	24,337	19,549	22,802
Total	4,172	3,916	271,310	378,708	244,556	341,084

Data for 2022 do not fully include enterprises choosing alternate financial year.

Source: National Tax and Customs Administration of Hungary, corporate tax declaration data

THE MAIN FINANCIAL RESULTS OF THE FOOD INDUSTRY BY SUB-SECTORS, 2021

Denomination	Net sales revenue (Billion HUF)	Balance sheet total (Billion HUF)	Equity (Billion HUF)
Production and preserving of meat	472.27	278.15	129.71
Processing and preserving of poultry meat	440.95	320.74	112.24
Processing of meat and poultry meat products	181.22	171.60	87.89
Processing and preserving of fish	1.50	4.73	1.36
Processing and preserving of potatoes	4.06	3.27	1.22
Manufacture of fruit and vegetable juice	72.75	70.38	40.42
Other processing and preserving of fruit and vegetables	336.02	374.21	172.89
Manufacture of oils and fats	482.25	310.79	58.88
Manufacture of dairy products	412.98	277.84	130.11
Manufacture of ice cream	0.90	1.52	0.29
Manufacture of grain mill products	227.89	161.42	65.81
Manufacture of starch products	196.14	245.87	54.54
Manufacture of bread and fresh bakery products	182.05	158.24	63.41
Manufacture of preserved bakery products	124.47	96.68	44.48
Manufacture of pasta products	66.26	71.80	34.69
Manufacture of sugar	29.97	31.94	25.01
Manufacture of cocoa, chocolate and sugar confectionery	271.07	275.87	55.60
Processing of tea and coffee	10.00	8.38	2.93
Manufacture of condiments and seasonings	41.66	47.71	20.83
Manufacture of prepared meals and dishes	39.68	27.93	12.51
Manufacture of homogenised food preparations and dietetic food	17.33	13.61	7.62
Manufacture of other food products nec	267.57	260.86	118.82
Manufacture of prepared feeds for farm animals	349.48	214.65	79.38
Manufacture of prepared pet foods	165.05	166.33	24.40
Manufacture of distilled spirits	51.41	42.71	13.59
Manufacture of wines from grapes	121.17	317.94	171.90
Manufacture of cider and other fruit wines	0.51	2.46	1.59
Manufacture of other non-distilled fermented beverages	0.04	0.19	0.18
Manufacture of beer	177.07	90.23	32.15
Manufacture of malt	...	...	...
Manufacture of soft drinks and mineral waters	324.54	339.23	108.51
Manufacture of tobacco products	263.80	151.25	61.48
Total	5,332.08	4,538.51	1,734.44

The **manufacture of oils and fats production** sector had the highest net sales revenue among the food industry sub-sectors in 2021.

Source: National Tax and Customs Administration of Hungary, corporate tax declaration data

THE MAIN FINANCIAL RESULTS OF THE FOOD INDUSTRY BY SUB-SECTORS, 2022⁺⁾

The **manufacture of oils and fats production** sector had the highest net sales revenue among the food industry sub-sectors in 2022.

Denomination	Net sales revenue (Billion HUF)	Balance sheet total (Billion HUF)	Equity (Billion HUF)
Production and preserving of meat	612.62	328.23	138.07
Processing and preserving of poultry meat	582.69	391.99	151.29
Processing of meat and poultry meat products	236.30	205.31	106.48
Processing and preserving of fish	1.48	5.06	1.63
Processing and preserving of potatoes	4.04	3.50	1.05
Manufacture of fruit and vegetable juice	83.31	69.10	40.43
Other processing and preserving of fruit and vegetables	262.90	313.47	129.00
Manufacture of oils and fats	688.58	450.74	107.81
Manufacture of dairy products	568.03	328.01	154.61
Manufacture of ice cream	1.29	1.76	0.42
Manufacture of grain mill products	189.33	143.15	63.33
Manufacture of starch products	321.49	270.72	63.41
Manufacture of bread and fresh bakery products	258.90	185.62	69.19
Manufacture of preserved bakery products	108.00	92.48	46.68
Manufacture of pasta products	107.09	94.72	41.49
Manufacture of sugar	...	...	...
Manufacture of cocoa, chocolate and sugar confectionery	370.25	357.20	55.51
Processing of tea and coffee	10.93	9.79	3.18
Manufacture of condiments and seasonings	53.65	57.03	23.65
Manufacture of prepared meals and dishes	51.68	29.78	16.04
Manufacture of homogenised food preparations and dietetic food	22.56	15.59	8.31
Manufacture of other food products nec	343.24	310.96	130.98
Manufacture of prepared feeds for farm animals	347.91	207.82	85.73
Manufacture of prepared pet foods	221.11	263.37	37.38
Manufacture of distilled spirits	53.42	42.78	21.21
Manufacture of wines from grapes	138.83	340.82	184.32
Manufacture of cider and other fruit wines	0.64	2.57	1.64
Manufacture of other non-distilled fermented beverages	0.10	0.21	0.20
Manufacture of beer	207.05	103.09	31.19
Manufacture of malt	-	-	-
Manufacture of soft drinks and mineral waters	447.18	375.71	109.48
Manufacture of tobacco products	292.28	169.86	79.24
Total	6,586.89	5,170.46	1,902.98

Data for 2022 do not fully include enterprises choosing alternate financial year.

Source: National Tax and Customs Administration of Hungary, corporate tax declaration data

CONSUMPTION PER CAPITA^{a)}

Denomination	Average of 2013-2017	2018	2019	2020	2021
	kg				
Food consumption					
Meat, meat products	63.1	75.8	76.5	72.5	71.1
Out of which: pork	27.3	32.9	33.1	29.1	30.2
beef and veal	2.7	3.3	3.6	3.6	3.3
edible offal	2.1	1.9	2.0	2.0	2.0
poultry meat	28.7	35.4	35.7	35.5	33.3
Fish ^{b)}	5.6	6.6	6.5	6.4	6.5
Milk and dairy products ^{c)}	160.9	166.2	175.3	170.1	175.4
Eggs ^{d)}	13.2	13.9	14.1	13.9	13.7
Fats and oils	35.7	38.4	39.6	38.4	39.7
Out of which: lard	11.3	12.2	12.3	12.0	12.5
Flour	81.7	85.7	85.6	87.8	88.1
Rice	4.6	5.9	6.3	6.5	6.3
Sugar and honey	30.6	32.7	32.9	33.0	35.0
Potatoes	59.7	58.3	56.0	59.3	55.0
Vegetables, fruits ^{e)}	198.7	205.1	200.8	189.9	200.1
Wine, litre	24.5	24.6	21.0	20.7	17.6
Beer, litre	66.7	70.4	72.7	68.7	70.8
Tobacco	1.3	1.3	1.3	1.3	1.2
Coffee	2.3	2.7	2.7	2.7	2.9
Tea, dag	20.6	18.8	19.5	14.9	12.9
Daily energy and nutrient intakes					
Kilojoule	13,037	14,020.0	14,214.0	14,049.0	14,308.0
Proteins (gram)	99.5	109.8	110.9	109.6	109.4
Out of which: animal proteins (gram)	57.4	65.4	66.5	64.0	63.7
Fat (gram)	141.2	154.4	158.6	153.1	157.2
Carbohydrates (gram)	365.4	384.4	385.1	389.9	395.9

Within per capita meat consumption, poultry meat consumption was

46.8%

in 2021.

^{a)} Available data.

^{b)} The quantity of fish is measured in live weight from 2015. Source: Institute of Agricultural Economics.

^{c)} Excluding butter.

^{d)} 1 kg of eggs are 18 pieces on average.

^{e)} Vegetables, domestic and tropical fruits. The processed products are calculated in fresh weight.

Source: Hungarian Central Statistical Office

TOTAL STOCK OF LOANS OF THE FOOD INDUSTRY

The total stock of loans of the food industry increased by

12.2%.

Denomination	2021	2022
	million HUF	
Production and preserving of meat	54,560	50,461
Processing and preserving of poultry meat	68,161	62,791
Processing of meat and poultry meat products	9,893	10,661
Manufacture of fruit and vegetable juice	4,315	2,391
Other processing and preserving of fruit and vegetables	93,774	112,124
Manufacture of oils and fats	50,060	65,035
Operation of dairies and cheese making	34,167	35,129
Manufacture of grain mill products	61,692	76,423
Manufacture of bread and fresh bakery products	32,977	35,212
Manufacture of pasta products	13,940	27,736
Manufacture of preserved bakery products	6,105	8,999
Manufacture of prepared feeds for farm animals	40,805	41,661
Manufacture of prepared pet foods	2,147	8,965
Manufacture of wines from grapes	35,941	40,220
Manufacture of other food products nec	171,159	184,830
Food industry total	679,697	762,638

Source: Ministry of Agriculture

MAIN PARAMETERS OF FOOD ENTERPRISES BY BUSINESS SIZE

Denomination	micro	small	medium	large	other
	per cent				
	2017				
Revenue from operating activities	1	12	27	61	0
Revenue from export sales	1	7	22	71	0
Revenue from domestic sales	4	14	28	54	0
Average number of employees	8	19	32	41	0
Number of enterprises	75	17	6	1	1
	2018				
Revenue from operating activities	2	12	29	58	-1
Revenue from export sales	1	7	23	69	0
Revenue from domestic sales	4	13	28	55	0
Average number of employees	8	18	32	42	0
Number of enterprises	75	17	6	2	1
	2019				
Revenue from operating activities	1	11	28	60	0
Revenue from export sales	1	6	22	71	0
Revenue from domestic sales	4	12	27	57	0
Average number of employees	8	17	31	45	0
Number of enterprises	74	17	6	2	1
	2020				
Revenue from operating activities	0	11	29	60	0
Revenue from export sales	1	5	25	69	0
Revenue from domestic sales	3	10	29	58	0
Average number of employees	8	15	32	45	1
Number of enterprises	76	15	6	2	1
	2021				
Revenue from operating activities	2	8	29	60	0
Revenue from export sales	1	4	23	72	0
Revenue from domestic sales	3	9	28	59	0
Average number of employees	8	14	32	45	0
Number of enterprises	75	15	7	2	1
	2022 ^{*)}				
Revenue from operating activities	2	8	22	67	0
Revenue from export sales	1	3	18	78	0
Revenue from domestic sales	3	9	28	60	0
Average number of employees	8	15	32	45	0
Number of enterprises	75	16	7	2	1

Large enterprises will dominate the turnover of operating activities in 2022.

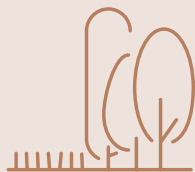
Source: National Tax and Customs Administration of Hungary, corporate tax declaration data

FORESTRY, FISHERY



1.96mn hectares

the area of forests in Hungary in 2022 according to preliminary data



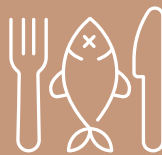
7.9mn m³

wood production



+8,7%

increase in
firewood yield



13.9k tons

fresh water fish farming for
food in ponds



109k head

number of deers shot



+15.3%

Increase in
afforestation

FOREST LAND OWNERSHIP, 2022

1.0%

Community-owned forests



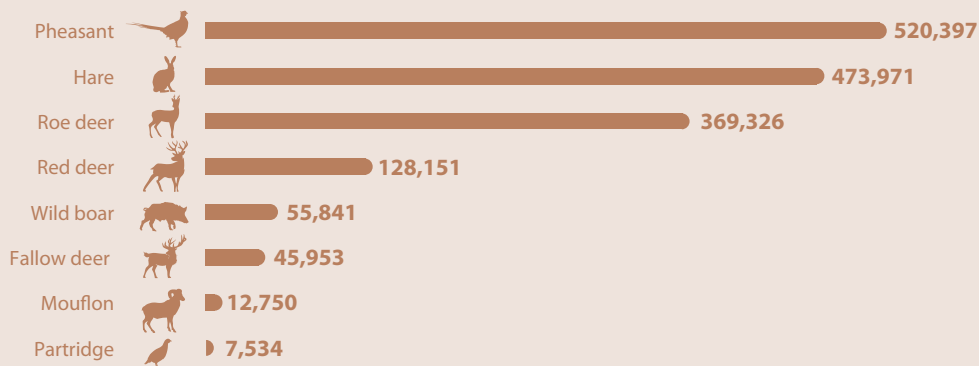
55.9%

State forests

43.2%

Private forests

ESTIMATED STOCK OF GAMES, 2023 (heads)



FOREST AREA, FOREST AS PERCENTAGE OF LAND AREA

The area of privately owned forests increased by

1.0%

according to preliminary data.

Denomination	2018	2019	2020	2021	2022 ^{a)}
	thousand hectares				
1. Land area, total	9,303	9,303	9,303	9,303	9,303
2. Area registered in the National Forestry Database	2,069	2,067	2,071	2,078	2,078
2.1. Areas with forest management plans	2,055	2,054	2,057	2,064	2,073
2.1.1. Area of forest subcompartments	1,939	1,939	1,942	1,948	1,958
2.1.2. Non-forested areas serving forest management purposes (roads, glades etc.)	116	116	115	115	115
2.2. Forests without forest management plans	14	13	14	14	14
Out of 2.1:					
state forests	1,155	1,155	1,155	1,158	1,158
community owned forests	21	20	20	20	20
private forests	880	879	882	886	895
Forest as % of land area ^{a)}	21	21	21	21	21

^{a)} Calculated from the sum of the area of woodlands and the area under private afforestation.

Source: National Land Centre, Forestry Department

FORESTATION

Denomination	2018	2019	2020	2021	2022 ¹⁾
	hectares				
	Reforestation				
State foresters	9,562	9,256	8,603	8,797	9,261
Other foresters	8,866	9,279	9,616	9,610	8,170
Total	18,428	18,535	18,220	18,407	17,431
	Afforestation				
State foresters	8	38	173	127	106
Other foresters	1,293	1,549	2,285	7,112	8,242
Total	1,301	1,587	2,458	7,238	8,348

Source: National Land Centre, Forestry Department

State foresters started reforestation at a rate

5.3%

higher than in 2021.

LOGGING

Denomination	2018	2019	2020	2021	2022 ¹⁾
	thousand m ³				
Gross volume	7,767	7,315	6,580	7,523	7,873
Net volume	6,481	6,174	5,533	6,621	6,930
Out of which: Industrial wood	3,038	2,892	2,457	3,125	3,130
Firewood	3,443	3,282	3,076	3,497	3,800

Source: National Land Centre, Forestry Department

Firewood logging was

3.8 million m³

in 2022 according to preliminary data.

STOCKED AREA AND LOGGING BY SPECIES

Oak covers
21.0%
of Hungary's forest
area according to
preliminary data.

Denomination	2018	2019	2020	2021	2022 ⁽¹⁾
Stocked area, thousand hectares					
Oak	389	389	389	391	393
Turkey oak	212	213	216	216	218
Beech	113	113	113	114	114
Hornbeam	97	97	97	97	98
Black locust	454	455	457	459	457
Other hard broadleaves	119	121	123	125	127
Poplar	197	198	199	199	198
Other soft broadleaves	97	97	97	96	96
Conifer	188	185	182	179	176
Total	1,867	1,868	1,873	1,876	1,876
Logging, thousand m ³					
Oak	1,004	935	892	972	1,000
Turkey oak	840	751	721	801	917
Beech	726	670	674	683	597
Hornbeam	259	248	223	234	261
Black locust	1,586	1,502	1,303	1,421	1,604
Other hard broadleaves	324	329	319	341	420
Poplar	1,527	1,424	1,191	1,593	1,698
Other soft broadleaves	334	310	229	280	335
Conifer	1,166	1,145	1,029	1,198	1,042
Total	7,767	7,315	6,580	7,523	7,873

Source: National Land Centre, Forestry Department

TOTAL FOREST DAMAGE, 2022^{+) (1/2)}

Categories	Severity of damage ^{a)}					Total	Defense
	0–10% very minor damage	11–25% minor damage	26–60% moderate damage	61–99% major damage	100% total damage		
	area, hectares						
Damage caused by emergency pests	0	0	0	0	0	0	0
Damage caused by insects	472	604	859	570	496	3,001	200
Damage caused by vertebrates	1,162	2,377	3,592	467	7,934	15,532	3,981
Damage caused by pathogens	155	96	377	202	739	1,569	696
Damage caused by plant pests	0	9	1	4	4	17	5
Tree death	125	53	474	956	7,186	8,795	4,010
Abiotic damage	1,843	3,041	11,000	7,721	28,600	52,205	7,141
Damage caused by human activity	0	0	0	0	288	288	18
Damage by unknown pests	128	45	0	17	219	408	43
Total	3,885	6,226	16,302	9,937	45,466	81,815	16,093

^{a)} Interpreted at the level of individual trees.

Source: National Land Centre, Forestry Department

The damaged forest area was

81.8 thousand hectares

in 2022 according to preliminary data.

TOTAL FOREST DAMAGE, 2022^{+) (2/2)}

Damage caused by **insects** is the most common type of damage in Hungary's forests.

Categories	Severity of damage ^{a)}					Total	Defense
	0-10% very minor damage	11-25% minor damage	26-60% moderate damage	61-99% major damage	100% total damage		
	Proportion of damaged trees (%)						
Damage caused by emergency pests	0	0	0	0	0	0	0
Damage caused by insects	47	40	73	74	31	55	7
Damage caused by vertebrates	24	47	43	54	30	36	26
Damage caused by pathogens	58	62	38	46	17	33	44
Damage caused by plant pests	0	12	41	64	33	29	26
Tree death	81	81	37	29	20	23	46
Abiotic damage	55	50	52	60	46	50	14
Damage caused by human activity	0	0	0	100	10	10	6
Damage by unknown pests	26	31	0	71	15	23	11
Total	45	48	51	57	38	44	20

^{a)} Interpreted at the level of individual trees.

Source: National Land Centre, Forestry Department

WILD GAME POPULATION, 2023⁺ (estimated)

Regions	Red deer	Fallow deer	Roe deer	Mouflon	Wild boar	Hare	Pheasant	Partridge
	heads							
Pest, Budapest	5,294	6,349	23,774	1,836	4,783	22,393	23,092	951
Central Hungary	5,294	6,349	23,774	1,836	4,783	22,393	23,092	951
Fejér	4,466	1,931	17,459	908	3,313	22,536	38,460	135
Komárom-Esztergom	5,510	2,711	7,694	2,032	2,545	3,610	6,544	143
Veszprém	15,334	2,883	12,541	2,192	5,081	12,104	15,957	56
Central Transdanubia	25,310	7,525	37,694	5,132	10,939	38,250	60,961	334
Győr-Moson-Sopron	7,271	1,088	22,565	70	2,947	20,513	16,148	1,620
Vas	8,245	1,043	11,796	99	3,850	5,537	9,021	111
Zala	10,536	377	10,479	143	5,141	4,003	8,978	0
Western Transdanubia	26,052	2,508	44,840	312	11,938	30,053	34,147	1,731
Baranya	12,006	1,282	10,123	152	4,408	6,526	12,840	80
Somogy	18,520	3,530	13,096	378	8,785	6,322	15,575	42
Tolna	6,304	5,131	18,357	0	3,802	18,320	25,232	56
Southern Transdanubia	36,830	9,943	41,576	530	16,995	31,168	53,647	178
Transdanubia	88,192	19,976	124,110	5,974	39,872	99,471	148,755	2,243
Borsod-Abaúj-Zemplén	10,257	248	24,754	855	1,760	15,168	27,095	296
Heves	7,664	367	13,971	2,685	1,198	14,990	18,177	42
Nógrád	6,058	1,671	5,567	1,204	1,639	3,121	5,707	99
Northern Hungary	23,979	2,286	44,292	4,744	4,597	33,279	50,979	437
Hajdú-Bihar	334	4,094	23,143	0	766	58,966	43,858	460
Jász-Nagykun-Szolnok	0	92	28,179	0	298	50,980	33,050	147
Szabolcs-Szatmár-Bereg	3,196	3,438	28,609	77	1,671	33,612	46,833	528
Northern Great Plain	3,530	7,624	79,931	77	2,735	143,558	123,741	1,135
Bács-Kiskun	6,622	3,437	32,974	23	2,849	43,803	54,027	901
Békés	382	4,986	38,769	22	455	82,199	71,870	667
Csongrád-Csanád	152	1,295	25,476	74	556	49,268	47,933	1,200
Southern Great Plain	7,156	9,718	97,219	119	3,860	175,270	173,830	2,768
Great Plain and North	34,665	19,628	221,442	4,940	11,192	352,107	348,550	4,340
Total	128,151	45,953	369,326	12,750	55,847	473,971	520,397	7,534

Source: National Game Management Database

In Hungary the roe deer population estimated for 2023 are

**369.3
thousand
heads**

according to preliminary data.

GAME MANAGEMENT^{a)} 2022

As for the big game the number of **wild boar** shot and as for the small game the number of **pheasants** shot was the highest in Hungary in 2022.

Regions	Red deer	Fallow deer	Roe deer	Mouflon	Wild boar ^{b)}	Hare	Pheasant	Partridge
	heads							
Pest, Budapest	3,337	3,383	7,062	568	12,045	4,592	27,698	835
Central Hungary	3,337	3,383	7,062	568	12,045	4,592	27,698	835
Fejér	2,310	875	4,020	196	6,198	2,110	29,363	632
Komárom-Esztergom	3,200	1,110	2,065	791	5,670	435	5,466	528
Veszprém	9,289	1,178	4,888	540	13,219	702	6,231	0
Central Transdanubia	14,799	3,163	10,973	1,527	25,087	3,247	41,060	1,160
Győr-Moson-Sopron	6,090	715	7,876	6	9,435	6,921	26,554	1,472
Vas	6,440	296	4,763	12	11,985	839	6,398	360
Zala	8,741	148	4,766	28	12,754	119	5,148	248
Western Transdanubia	21,271	1,159	17,405	46	34,174	7,879	38,100	2,080
Baranya	5,676	485	2,103	9	10,112	842	2,885	290
Somogy	9,640	1,245	3,043	39	14,572	707	4,595	149
Tolna	4,174	3,225	4,214	1	7,384	1,393	7,326	0
Southern Transdanubia	19,490	4,955	9,360	49	32,068	2,942	14,806	439
Transdanubia	55,560	9,277	37,738	1,622	91,329	14,068	93,966	3,679
Borsod-Abaúj-Zemplén	5,822	124	8,390	251	2,146	1,844	7,443	0
Heves	4,967	146	4,390	793	2,214	2,351	17,851	0
Nógrád	5,771	1,488	2,836	487	7,578	260	3,491	0
Northern Hungary	16,560	1,758	15,616	1,531	11,938	4,455	28,785	0
Hajdú-Bihar	205	1,462	6,981	0	1,860	13,643	22,837	234
Jász-Nagykun-Szolnok	10	97	7,862	0	991	6,547	37,644	255
Szabolcs-Szatmár-Bereg	1,892	1,426	8,494	114	2,889	6,582	26,311	0
Northern Great Plain	2,107	2,985	23,337	114	5,740	26,772	86,792	489
Bács-Kiskun	3,320	1,019	8,901	4	6,653	7,598	23,755	0
Békés	198	1,879	8,991	8	1,102	14,674	79,593	20
Csongrád-Csanád	59	337	7,778	50	1,363	13,049	36,035	849
Southern Great Plain	3,577	3,235	25,670	62	9,118	35,321	139,383	869
Great Plain and North	22,244	7,978	64,623	1,707	26,796	66,548	254,960	1,358
Total	81,141	20,638	109,423	3,897	130,170	85,208	376,624	5,872

^{a)} Number of wild animals shot.

^{b)} Data contain shots for diagnostic purposes.

Source: National Game Management Database

POND AQUACULTURE, INTENSIVE FISH FARMING, 2022

Counties Regions	Area of ponds in operation, hectares	Total harvest	Out of which: fish intended for human consumption	Fish intended for human consumption produced in intensive farms
Central Hungary	939	701	503	...
Central Transdanubia	2,752	1,947	1,246	100
Western Transdanubia	539	464	368	167
Southern Transdanubia	6,847	5,056	3,503	1,155
Northern Hungary	379	494	322	...
Northern Great Plain	8,802	6,305	3,797	1,980
Southern Great Plain	6,107	6,248	4,118	1,376
Total	26,365	21,215	13,858	4,839

Source: Institute of Agricultural Economics

13.9 thousand tonnes

of food fish produced on

26.4 thousand hectares

of pond area in Hungary in 2022.

INTERNATIONAL TRADE



929.6bn HUF

In 2022, the foreign trade balance of the food, beverages and tobacco products



+34.9%

Exports of agricultural and food products increased



+50.2%

Imports of agricultural and food products increased



94.8%

The largest market for the food, beverages and tobacco products was the Europe



+34.5%

The export value of spring water, mineral water, soft drinks product group rose in euro



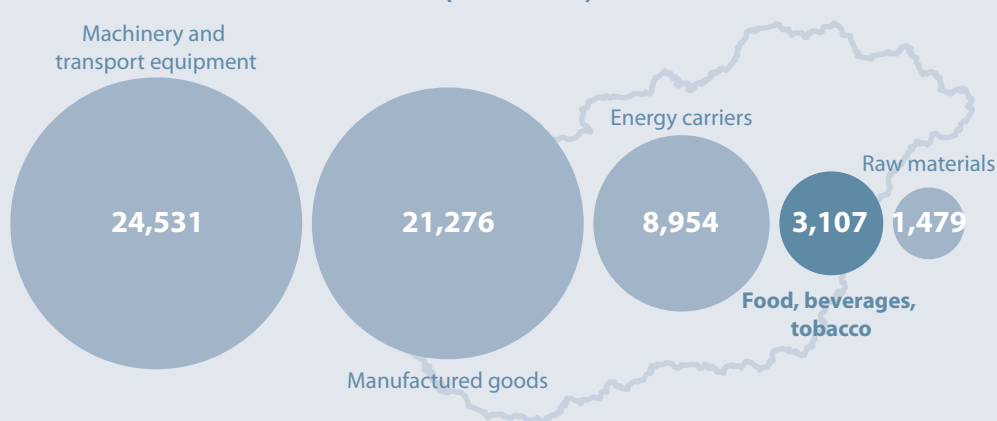
17.9%

The largest proportion of food, beverages and tobacco products imported from Germany among was the EU in 2022

EXPORT STRUCTURE BY PRODUCT GROUP, 2022 (billion HUF)



IMPORT STRUCTURE BY PRODUCT GROUP, 2022 (billion HUF)



INTERNATIONAL TRADE BY MAIN COMMODITY GROUPS

Foods, beverages and tobacco products contributed

7.2%

to the export side of external trade.

Main commodity group	2018	2019	2020	2021	2022
	billion HUF				
	Exports				
Foods, beverages, tobacco	2,266.6	2,451.4	2,765.8	3,064.8	4,036.2
Raw materials	751.8	812.5	813.3	1,137.9	1,535.6
Energy carriers	943.0	928.1	809.1	1,376.3	2,352.7
Manufactured goods	10,830.3	10,899.8	11,483.5	13,634.3	17,053.2
Machinery, transport equipment	18,617.4	20,378.3	20,960.9	23,539.8	30,773.3
Total	33,409.1	35,470.1	36,832.6	42,753.1	55,750.9
	Imports				
Foods, beverages, tobacco	1,635.4	1,808.6	1,979.9	2,188.9	3,106.5
Raw materials	676.6	718.7	689.3	965.5	1,478.6
Energy carriers	2,589.9	2,734.0	1,933.2	3,825.1	8,954.2
Manufactured goods	11,656.3	12,285.9	13,472.8	15,725.7	21,276.3
Machinery, transport equipment	15,098.4	16,509.7	16,773.8	19,464.0	24,531.4
Total	31,656.7	34,056.8	34,849.0	42,169.3	59,347.0
	Balance of trade				
Foods, beverages, tobacco	631.1	642.8	785.9	875.9	929.6
Raw materials	75.2	93.8	124.0	172.4	57.0
Energy carriers	-1,646.9	-1,805.9	-1,124.1	-2,448.8	-6,601.5
Manufactured goods	-826.0	-1,386.1	-1,989.3	-2,091.4	-4,223.1
Machinery, transport equipment	3,519.0	3,868.6	4,187.1	4,075.8	6,241.9
Total	1,752.4	1,413.3	1,983.6	583.9	-3,596.1

Source: Hungarian Central Statistical Office

THE BALANCE AND DISTRIBUTION OF EXTERNAL TRADE ACCORDING TO DEGREE OF PROCESSING OF PRODUCTS

Denomination	2019	2020	2021	2022
	External trade balance by degree of processing of products, thousand EUR			
Total turnover	3,045,293.3	3,232,108.1	3,587,526.5	3,463,402.3
Out of which: raw materials	1,414,126.1	1,500,771.2	1,452,952.1	616,240.8
semi-finished product	1,315,212.5	1,277,695.3	1,685,848.9	2,054,143.8
processed product	315,954.7	453,641.6	448,725.5	793,017.8
	Distribution of external trade balance by degree of processing of products, per cent			
Total turnover	100.0	100.0	100.0	100.0
Out of which: raw materials	46.4	46.4	40.5	17.8
semi-finished product	43.2	39.5	47.0	59.3
processed product	10.4	14.0	12.5	22.9
	Value of export by degree of processing of products, thousand EUR			
Export total	9,348,522.6	9,614,371.5	10,682,639.6	13,164,074.9
Out of which: raw materials	2,917,741.7	3,070,213.1	3,246,391.1	3,533,479.8
semi-finished product	2,985,026.5	2,881,348.5	3,511,121.5	4,700,887.1
processed product	3,445,754.5	3,662,809.8	3,925,127.0	4,929,708.0
	Distribution of export by degree of processing of products, per cent			
Export total	100.0	100.0	100.0	100.0
Out of which: raw materials	31.2	31.9	30.4	26.8
semi-finished product	31.9	30.0	32.9	35.7
processed product	36.9	38.1	36.7	37.4
	Value of import by degree of processing of products, thousand EUR			
Import total	6,303,229.4	6,382,263.3	7,095,113.1	9,700,672.6
Out of which: raw materials	1,503,615.5	1,569,441.9	1,793,439.0	2,917,239.0
semi-finished product	1,669,814.0	1,603,653.2	1,825,272.6	2,646,743.3
processed product	3,129,799.9	3,209,168.2	3,476,401.5	4,136,690.2
	Distribution of import by degree of processing of products, per cent			
Import total	100.0	100.0	100.0	100.0
Out of which: raw materials	23.9	24.6	25.3	30.1
semi-finished product	26.5	25.1	25.7	27.3
processed product	49.7	50.3	49.0	42.6

On the import side, the share of processed products was

42.6%

in 2022.

Forrás: Központi Statisztikai Hivatal

AGRICULTURAL FOREIGN TRADE INDEXES IN THE LIGHT OF THE NATIONAL ECONOMY

The value index of agricultural exports in HUF is

123.2%

in 2022.

Denomination	2018	2019	2020	2021	2022
	Agricultural exports^{a)}				
Value index	97,8	108,2	102,3	110,7	123,2
Volume index	97,0	105,1	104,5	100,0	94,7
Price index	100,9	103,0	97,9	110,7	130,2
Exchange rate	100,6	99,3	96,8	107,5	115,1
Agricultural imports^{a)}					
Value index	104,2	108,1	100,9	110,9	136,7
Volume index	103,9	104,3	99,7	107,7	120,9
Price index	100,3	103,7	101,1	103,0	113,1
Exchange rate	100,6	99,3	96,8	107,5	115,1
National economy exports^{b)}					
Value index	107,3	106,2	103,8	116,1	130,4
Volume index	104,3	104,4	99,1	107,7	106,3
Price index	102,9	101,7	104,7	107,8	122,7
Exchange rate	99,0	100,6	102,0	96,4	93,2
National economy imports^{b)}					
Value index	110,6	107,6	102,3	121,0	140,7
Volume index	106,4	106,4	99,7	108,2	106,8
Price index	103,9	101,1	102,6	111,8	131,7
Exchange rate	99,0	100,6	102,0	96,4	93,2

^{a)} Agricultural export and import data refer to external trade in goods, measured in euro.

^{b)} Exports and imports data for the national economy refer to external trade in goods, measured in forint.

Source: Hungarian Central Statistical Office

INTERNATIONAL TRADE BY COMMODITY GROUPS

Commodity group	Exports		Imports	
	2021	2022	2021	2022
	at current prices, billion HUF			
Live animals	158.3	205.3	79.3	95.6
Meat, slaughter by-products, offal	379.3	478.1	182.6	273.2
Fish, and aquatic invertebrates	5.6	7.8	21.0	27.9
Dairy products, edible products of animal origin	185.3	277.9	168.6	233.4
Other animal products	41.4	44.3	25.9	34.5
Plant products	48.2	36.7	45.7	59.3
Edible vegetables	101.4	118.2	115.1	141.9
Edible fruit and nuts, citrus fruits	50.5	58.6	124.7	152.4
Coffee, tea, spices	25.1	31.0	56.8	79.4
Cereals	583.5	672.1	105.2	323.9
Products of the milling industry	64.0	103.8	25.5	39.9
Oil seeds and oleaginous fruits, straw and fodder	216.7	284.5	156.7	364.0
Vegetable saps and extracts	0.5	0.8	10.4	13.0
Other plant products	2.1	3.3	1.3	1.4
Animal or vegetable fats and oils	292.3	485.1	135.3	256.6
Preparations of meat, and fish	132.2	191.3	112.0	156.0
Sugars and sugar confectionery	83.3	133.6	71.1	120.9
Cocoa and cocoa preparations	78.9	104.8	112.7	141.3
Pastrycooks' products	111.1	159.7	177.3	232.1
Preparations of vegetables and fruit	207.6	266.7	111.2	142.2
Other edible preparations	287.4	358.7	210.4	267.5
Beverages, spirits and vinegar	310.1	460.5	138.4	175.7
Prepared animal fodder, residues	407.2	586.1	229.7	355.6
Tobacco and manufactured tobacco substitutes	59.0	98.8	128.3	136.2
Total	3,831.0	5,167.8	2,545.4	3,824.0

Source: Hungarian Central Statistical Office

Cereals accounted for
8.5%
of import among
agricultural and food
products.

EXPORTS BY COMMODITY GROUPS

The value of exports of agricultural and food products expressed in EUR increased by

23.7%.

Commodity group	2018	2019	2020	2021	2022
	million EUR				
Live animals	361.7	419.2	410.2	441.3	522.2
Meat, slaughter by-products, offal	998.4	1,038.4	892.8	1,058.2	1,214.7
Fish, and aquatic invertebrates	27.1	15.8	14.3	15.6	19.8
Dairy products, edible products of animal origin	455.0	477.5	485.1	516.0	713.0
Other animal products	93.7	120.5	73.6	115.4	112.9
Plant products	57.4	66.2	59.0	133.6	96.2
Edible vegetables	269.2	252.4	259.6	283.2	302.4
Edible fruit and nuts, citrus fruits	114.1	128.8	131.8	141.1	149.0
Coffee, tea, spices	53.0	63.6	56.9	70.1	79.2
Cereals	1,161.4	1,331.3	1,613.9	1,625.9	1,733.6
Products of the milling industry	112.1	131.7	147.5	178.2	264.9
Oil seeds and oleaginous fruits, straw and fodder	561.1	667.6	625.3	603.7	734.5
Vegetable saps and extracts	2.0	3.4	2.9	1.4	2.1
Other plant products	10.4	22.6	4.4	6.0	8.5
Animal or vegetable fats and oils	535.5	549.0	572.0	815.5	1,236.4
Preparations of meat, and fish	277.9	327.0	331.1	369.1	486.9
Sugars and sugar confectionery	211.1	199.8	208.9	232.2	340.0
Cocoa and cocoa preparations	163.6	184.9	194.7	220.0	266.6
Pastrycooks' products	249.9	264.3	274.7	309.9	407.0
Preparations of vegetables and fruit	557.4	529.5	571.6	578.5	679.6
Other edible preparations	610.3	648.3	739.4	802.2	917.3
Beverages, spirits and vinegar	693.5	744.2	760.5	865.2	1,177.6
Prepared animal fodder, residues	888.1	953.2	962.9	1,135.5	1,497.0
Tobacco and manufactured tobacco substitutes	218.9	209.4	221.2	164.8	250.5
Total	8,682.7	9,348.5	9,614.4	10,682.6	13,212.0

Source: Hungarian Central Statistical Office

IMPORTS BY COMMODITY GROUPS

Commodity group	2018	2019	2020	2021	2022
	million EUR				
Live animal	213.5	214.7	239.0	221.3	243.9
Meat, slaughter by-products, offal	545.2	615.4	533.4	509.0	696.7
Fish, and aquatic invertebrates	62.9	59.3	50.4	58.5	71.4
Dairy products, edible products of animal origin	440.3	459.0	460.0	469.9	594.9
Other animal products	67.2	91.6	54.8	72.3	88.3
Plant products	102.0	116.1	112.6	127.4	154.4
Edible vegetables	238.0	276.9	310.4	320.2	365.9
Edible fruit and nuts, citrus fruits	263.1	300.1	345.7	347.7	390.6
Coffee, tea, spices	147.8	142.3	138.3	158.4	202.4
Cereals	158.6	199.1	202.5	291.9	814.8
Products of the milling industry	62.4	72.3	66.1	71.1	101.7
Oil seeds and oleaginous fruits, straw and fodder	264.8	291.4	312.8	436.6	921.2
Vegetable saps and extracts	21.1	21.4	26.1	28.9	33.5
Other plant products	2.5	2.8	2.8	3.7	3.6
Animal or vegetable fats and oils	243.6	234.1	262.3	377.3	654.7
Preparations of meat, and fish	283.4	311.1	325.5	312.5	397.2
Sugars and sugar confectionery	158.3	168.7	176.9	198.2	306.3
Cocoa and cocoa preparations	280.6	293.5	294.1	314.3	359.8
Pastrycooks' products	404.7	455.2	456.1	494.2	592.5
Preparations of vegetables and fruit	253.1	284.3	284.4	310.1	362.9
Other edible preparations	506.1	538.7	551.6	587.4	683.8
Beverages, spirits and vinegar	336.4	370.9	354.9	386.5	449.1
Prepared animal fodder, residues	495.5	522.9	508.9	640.2	906.0
Tobacco and manufactured tobacco substitutes	264.7	261.4	312.6	357.5	348.0
Total	5,816.0	6,303.2	6,382.3	7,095.1	9,743.4

Source: Hungarian Central Statistical Office

Imports of agricultural and food products grew by

37.3%

in EUR terms.

EXPORTS OF MAIN AGRICULTURAL AND FOOD-INDUSTRIAL PRODUCTS

The value of spring water, mineral water, soft drinks export expressed in EUR grew by

34.5%.

Goods	2018	2019	2020	2021	2022
	million EUR				
Meat of bovine animals, fresh or chilled	39	35	26	30	32
Pork, fresh, chilled or frozen	281	349	339	339	401
Meat and edible offal of poultry, fresh chilled or frozen	577	545	414	578	651
Wheat and meslin	410	468	553	568	676
Maize	649	765	902	871	861
Wheat or meslin flour	50	59	52	57	78
Barley	84	77	131	158	163
Rape or colza seeds, whether or not broken	259	329	304	269	342
Sunflower seeds, whether or not broken	205	228	196	208	226
Sunflower-, safflower- or cottonseed oil and fractions there of, not chemically modified	436	439	423	595	953
Sausages and similar products of meat, offal or blood, prepared food based on these products	94	103	114	112	126
Beet-sugar, cane-sugar, sucrose	30	16	21	14	19
Vegetables preserved otherwise than by vinegar, not frozen	293	283	311	315	388
Vegetables frozen	84	68	70	74	76
Fruit juices (including grape must) and vegetable juices, not containing added spirit, with or without added sugar	102	82	80	98	96
Spring water, mineral water, soft drinks	199	197	207	240	323
Wine of fresh grapes	124	108	120	114	137
Spirits, liqueurs, compound alcoholic beverages	11	10	11	12	14
Bran, sharps and other residues, whether or not in the form of pellets	10	13	10	13	16
Prepared animal feed	651	677	699	789	1,012

Source: Hungarian Central Statistical Office

IMPORTS OF MAIN AGRICULTURAL AND FOOD-INDUSTRIAL PRODUCTS

Goods	2017	2018	2019	2020	2021
	million EUR				
Meat of bovine animals, frozen	31	42	34	33	36
Pork fresh, chilled or frozen	311	358	292	261	348
Milk and cream, not concentrated nor containing added sugar or other sweetening matter	60	59	55	53	60
Potatoes, fresh or chilled	23	26	30	36	42
Bananas, including plantains, fresh or dried	68	53	60	55	72
Citrus fruit, fresh or dried	55	69	86	72	74
Apples, pears and quinces, fresh	9	15	27	26	39
Coffee, whether or not roasted or decaffeinated; coffee husks and skins; coffee substitutes containing coffee in any proportion	114	103	98	116	151
Barley	3	5	9	11	11
Rice	26	34	36	34	54
Sunflower seeds, whether or not broken	90	105	99	167	502
Sunflower-, safflower- or cotton-seed oil and fractions thereof, not chemically modified	11	12	36	32	197
Animal or vegetable fats and oils and their fractions, partly or wholly hydrogenated, whether, or not refined, but not further prepared	18	14	15	21	32
Margarine, edible vegetable oil	66	68	66	81	114
Fruit juices (including grape must) and vegetable juices; not containing added spirit, with or without added sugar	62	71	62	70	72
Beer made from malt	58	68	68	74	82
Meat and fish products not intended for human consumption	33	33	33	55	66
Oilcake and pellet from soybean oil	143	144	127	192	267
Oilcake and pellet from sunflower oil	2	3	1	4	15
Prepared animal feed	288	310	320	354	508
Raw, unmanufactured tobacco, and tobacco refuse	110	83	75	63	54

Source: Hungarian Central Statistical Office

The value of margarine, edible vegetable oil imports expressed in EUR increased by

39.8%.

EXPORT TO MAIN PARTNER COUNTRIES^{a)}

The largest market for food, beverages and tobacco products was the **EU**, primarily **România** in 2022.

Denomination	2018	2019	2020	2021	2022
	million EUR				
Exports total	7,110.0	7,538.2	7,886.1	8,546.6	10,313.6
Europe	6,690.5	7,159.6	7,452.3	8,046.1	9,778.3
EU27 (from 2020)	6,431.3	6,889.4	6,371.9	6,933.2	8,430.3
EU14	3,275.0	3,449.6	3,467.8	3,784.3	4,719.9
Out of which: Austria	612.4	624.1	604.1	703.6	915.1
Belgium	124.8	109.9	105.5	127.5	156.3
France	283.1	286.5	248.8	284.1	358.6
Netherlands	215.5	255.3	179.4	189.2	242.8
Germany	929.6	932.2	1,009.8	1042.1	1,272.6
Italy	789.8	879.5	942.4	1042.2	1,274.3
Spain	90.2	93.2	105.3	117.6	141.3
Sweden	60.5	67.0	76.5	69.4	85.3
New EU members	2,494.7	2,713.1	2,904.1	3,148.8	3,710.4
Out of which: Bulgaria	106.0	129.0	134.7	161.3	201.6
Czechia	323.6	328.9	305.4	344.3	448.0
Poland	307.0	358.7	349.6	406.0	556.3
Lithuania	46.1	41.9	38.1	33.6	41.3
Slovakia	409.3	405.0	401.2	454.9	503.9
Slovenia	127.5	137.0	129.4	138.9	162.7
Romania	879.2	978.2	1,214.4	1,239.6	1,344.1
Non-EU European countries	920.9	996.6	1,080.4	1,112.9	1,348.0
Out of which: Bosnia-Herzegovina	66.2	80.6	78.5	86.9	110.1
Russia	171.2	162.4	157.2	149.9	186.7
Ukraine	110.0	131.6	142.2	119.7	116.5
Switzerland	70.8	70.8	77.2	82.3	105.0
United Kingdom	259.2	269.9	320.5	315.2	352.1
Asia	311.1	250.8	292.2	305.0	332.0
Out of which: Japan	53.3	31.7	28.9	35.0	34.7
Republic of Korea	4.5	1.7	1.9	1.8	2.4
Africa	21.5	22.1	31.1	38.7	45.2
America	72.6	88.5	91.2	129.6	130.0
Out of which: USA	29.2	42.6	34.6	67.8	60.8
Australia and Oceania	14.2	17.3	19.3	27.4	28.0

^{a)} Food, beverages, tobacco.

Source: Hungarian Central Statistical Office

IMPORT FROM MAIN^{a)} PARTNER COUNTRIES^{b)}

Denomination	2018	2019	2020	2021	2022
	million EUR				
Import total	5,129.4	5,557.8	5,644.3	6,101.3	7,917.0
Europe	4,937.4	5,361.9	5,440.1	5,910.8	7,672.4
EU27 (from 2020)	4,667.9	5,036.9	5,157.0	5,655.6	6,981.6
EU14	4,646.8	5,015.8	2,946.5	3,238.4	3,963.1
Out of which: Austria	400.2	437.9	448.4	474.8	596.2
Belgium	134.5	144.2	136.4	175.4	235.2
Denmark	30.9	33.1	27.7	30.7	50.6
France	221.4	209.1	212.2	225.6	283.2
Greece	23.4	27.3	32.6	37.7	53.9
Netherlands	313.0	351.6	353.2	426.2	518.7
Germany	1,073.5	1,132.0	1,140.1	1,180.6	1,416.8
Italy	284.4	310.0	309.5	359.0	418.3
Spain	179.2	214.4	225.5	253.2	309.1
Sweden	20.5	17.5	17.0	23.2	31.5
New EU members	1,955.9	2,156.2	2,210.6	2,417.2	3,018.5
Out of which: Czechia	296.1	315.7	310.6	332.7	411.0
Poland	713.6	802.6	828.0	895.1	1,141.2
Slovakia	494.8	531.3	548.9	567.5	743.8
Romania	191.4	226.3	227.1	285.1	341.3
Non-EU European countries	269.5	291.0	283.1	255.2	690.8
Out of which: Turkey	21.1	21.1	26.9	28.4	40.8
United Kingdom	112.5	96.5	91.2	37.8	39.3
Asia	106.0	104.6	111.1	111.5	128.3
Out of which: India	11.5	9.7	9.7	9.1	8.7
Malaysia	12.8	20.4	24.1	16.6	7.5
Vietnam	16.1	11.8	10.1	15.9	11.4
Africa	11.6	20.1	15.5	16.6	35.4
Out of which: Uganda	0.7	0.3	0.3	0.4	0.4
Malawi	0.6	1.1	0.6	0.2	0.4
America	73.8	70.5	77.1	62.1	80.4
Out of which: USA	46.7	45.2	52.3	40.3	55.3
Argentina	0.6	0.8	1.1	1.3	4.3
Brazil	16.0	13.5	12.2	7.2	2.9
Peru	0.1	0.2	0.1	0.1	0.2
Australia and Oceania	0.6	0.5	0.5	0.4	0.5

In 2022, the highest value of food products was imported from

Germany
among European countries

^{a)} According to the country of dispatch.

^{b)} Food, beverages, tobacco.

Source: Hungarian Central Statistical Office

COUNTY DATA



6.3 tonnes/hectare

Average wheat yield in Vas county in 2022



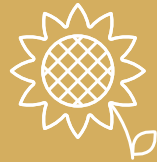
12.4%

Of the Hungarian cattle population was in Hajdú-Bihar county.



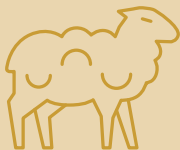
63.9 tonnes/hectare

Average sugar beet yield in Baranya county



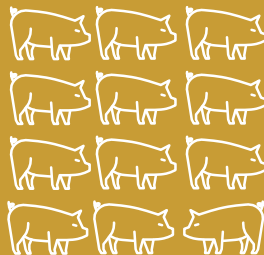
679.6k hectares

Harvested area of sunflower seed in Hungary



872k heads

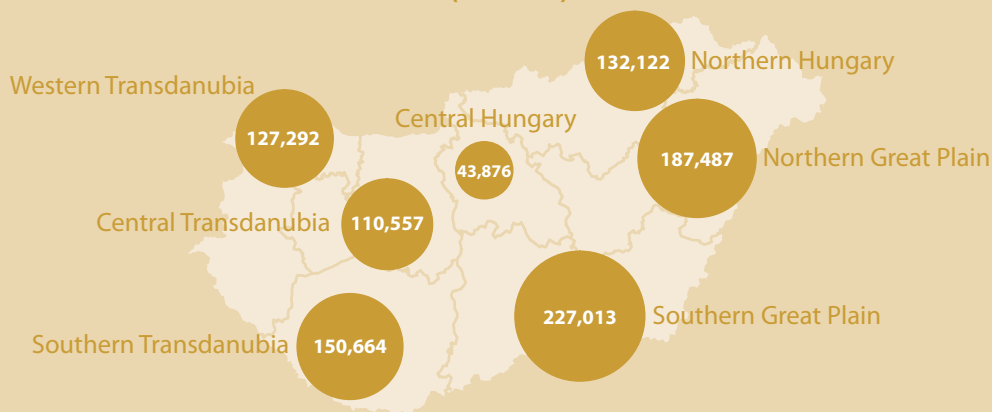
Sheep population in Hungary



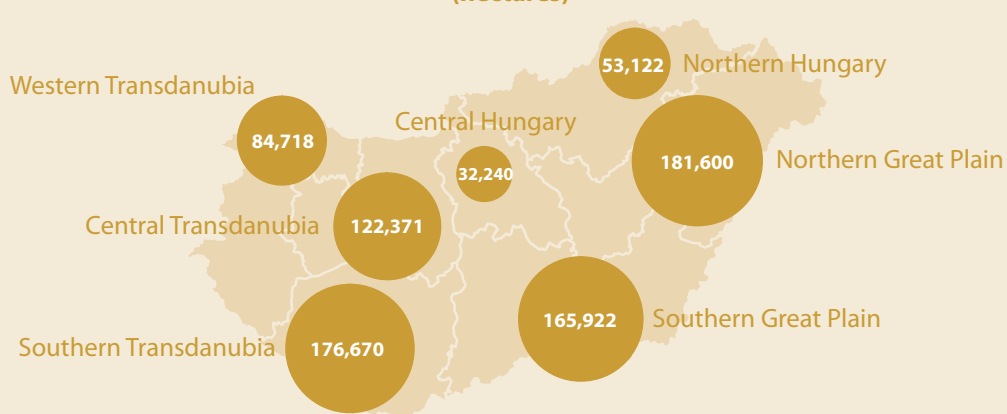
167 heads

Pig population per 100 hectares of agricultural area in Komárom-Esztergom county

THE HARVESTED AREA OF WHEAT BY REGION, 2022 (hectares)



THE HARVESTED AREA OF MAIZE BY REGION, 2022 (hectares)



LAND AREA BY REGIONS 1ST JUNE 2022

36.8%

of the orchards were located in Szabolcs-Szatmár-Bereg county in 2022.

Regions	Arable land	Kitchen garden	Orchard	Vineyard	Grassland
	thousand hectares				
Budapest	5.4	0.0	0.5	0.0	2.6
Pest	247.3	0.1	7.0	1.3	49.1
Central Hungary	252.7	0.1	7.5	1.3	51.7
Fejér	252.1	0.1	2.5	2.2	24.3
Komárom-Esztergom	103.1	0.1	1.0	0.9	9.8
Veszprém	154.9	0.1	0.8	2.7	43.7
Central Transdanubia	510.0	0.3	4.3	5.8	77.8
Győr-Moson-Sopron	200.3	0.1	1.8	1.6	20.1
Vas	156.3	0.1	1.0	0.4	10.4
Zala	98.1	0.2	1.9	0.4	22.8
Western Transdanubia	454.7	0.3	4.7	2.3	53.2
Baranya	198.1	0.1	0.9	2.9	20.1
Somogy	206.6	0.2	3.9	3.7	23.3
Tolna	211.2	0.1	1.2	4.2	13.6
Southern Transdanubia	615.9	0.4	6.0	10.9	57.0
Transdanubia	1,580.6	1.0	15.0	19.1	188.1
Borsod-Abaúj-Zemplén	228.2	0.3	8.0	5.3	66.8
Heves	141.9	0.1	4.1	11.3	30.8
Nógrád	52.9	0.0	1.0	0.2	30.7
Northern Hungary	423.1	0.4	13.1	16.8	128.2
Hajdú-Bihar	335.5	0.2	1.3	0.0	122.4
Jász-Nagykun-Szolnok	376.8	0.1	1.1	0.7	51.8
Szabolcs-Szatmár-Bereg	235.9	0.6	30.8	0.0	34.3
Northern Great Plain	948.2	0.8	33.2	0.7	208.5
Bács-Kiskun	326.4	0.2	8.6	21.5	103.2
Békés	393.8	0.1	1.1	0.0	42.1
Csongrád-Csanád	238.1	0.1	5.1	0.8	49.6
Southern Great Plain	958.4	0.5	14.8	22.3	194.9
Great Plain and North	2,329.6	1.7	61.2	39.9	531.6
Total	4,162.9	2.9	83.7	60.2	771.3

Source: Hungarian Central Statistical Office

PRODUCTION OF WHEAT BY REGIONS 2022^{a)}

Regions	Harvested area	Total production	Average yield
	hectares	tonnes	kg per hectare
Budapest	134	527	3,930
Pest	43,742	150,145	3,430
Central Hungary	43,876	150,672	3,430
Fejér	58,848	321,790	5,470
Komárom-Esztergom	20,710	95,713	4,620
Veszprém	30,999	148,369	4,790
Central Transdanubia	110,557	565,872	5,120
Győr-Moson-Sopron	57,690	300,565	5,210
Vas	41,906	263,380	6,290
Zala	27,696	166,212	6,000
Western Transdanubia	127,292	730,157	5,740
Baranya	49,887	272,158	5,460
Somogy	51,650	310,087	6,000
Tolna	49,127	300,602	6,120
Southern Transdanubia	150,664	882,847	5,860
Transdanubia	388,513	2,178,876	5,610
Borsod-Abaúj-Zemplén	66,988	295,862	4,420
Heves	45,823	150,415	3,280
Nógrád	19,311	68,999	3,570
Northern Hungary	132,122	515,276	3,900
Hajdú-Bihar	59,088	205,810	3,480
Jász-Nagykun-Szolnok	105,142	315,007	3,000
Szabolcs-Szatmár-Bereg	23,257	95,156	4,090
Northern Great Plain	187,487	615,973	3,290
Bács-Kiskun	64,577	288,097	4,460
Békés	103,972	398,791	3,840
Csongrád-Csanád	58,464	207,023	3,540
Southern Great Plain	227,013	893,911	3,940
Great Plain and North	546,622	2,025,160	3,700
Total	979,011	4,354,708	4,450

9.2%

of the wheat was grown in Békés county.

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards the spatial data are published not by the county of the headquarters but by the county where the land used is located. With durum wheat and spelt.

Source: Hungarian Central Statistical Office

PRODUCTION OF BARLEY BY REGIONS 2022^{a)}

12.1%

of the barley was harvested in Bács-Kiskun county.

Regions	Harvested area	Total production	Average yield
	hectares	tonnes	kg per hectare
Budapest	217	863	3,980
Pest	15,637	54,618	3,490
Central Hungary	15,854	55,481	3,500
Fejér	23,390	130,633	5,580
Komárom-Esztergom	7,839	37,665	4,800
Veszprém	10,575	50,508	4,780
Central Transdanubia	41,804	218,806	5,230
Győr-Moson-Sopron	25,242	135,275	5,360
Vas	18,460	105,672	5,720
Zala	7,408	40,732	5,500
Western Transdanubia	51,110	281,679	5,510
Baranya	18,292	113,263	6,190
Somogy	16,801	98,712	5,880
Tolna	19,039	117,950	6,200
Southern Transdanubia	54,132	329,925	6,090
Transdanubia	147,046	830,410	5,650
Borsod-Abaúj-Zemplén	9,123	46,029	5,050
Heves	12,158	47,352	3,890
Nógrád	1,689	6,556	3,880
Northern Hungary	22,970	99,937	4,350
Hajdú-Bihar	11,510	47,784	4,150
Jász-Nagykun-Szolnok	38,110	127,123	3,340
Szabolcs-Szatmár-Bereg	1,736	7,654	4,410
Northern Great Plain	51,356	182,561	3,550
Bács-Kiskun	39,526	192,348	4,870
Békés	31,656	129,872	4,100
Csongrád-Csanád	22,388	100,127	4,470
Southern Great Plain	93,570	422,347	4,510
Great Plain and North	167,896	704,845	4,200
Total	330,796	1,590,736	4,810

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards the spatial data are published not by the county of the headquarters but by the county where the land used is located.

Source: Hungarian Central Statistical Office

PRODUCTION OF MAIZE BY REGIONS 2022^{a)}

Regions	Harvested area	Total production	Average yield
	hectares	tonnes	kg per hectare
Budapest	76	240	3,160
Pest	32,164	49,749	1,550
Central Hungary	32,240	49,989	1,550
Fejér	73,059	187,145	2,560
Komárom-Esztergom	29,069	79,293	2,730
Veszprém	20,243	84,969	4,200
Central Transdanubia	122,371	351,407	2,870
Győr-Moson-Sopron	38,178	183,530	4,810
Vas	21,977	130,658	5,950
Zala	24,563	175,450	7,140
Western Transdanubia	84,718	489,638	5,780
Baranya	54,619	256,917	4,700
Somogy	58,981	339,193	5,750
Tolna	63,070	263,737	4,180
Southern Transdanubia	176,670	859,847	4,870
Transdanubia	383,759	1,700,892	4,430
Borsod-Abaúj-Zemplén	44,476	134,688	3,030
Heves	7,025	10,693	1,520
Nógrád	1,621	4,290	2,650
Northern Hungary	53,122	149,671	2,820
Hajdú-Bihar	54,698	137,785	2,520
Jász-Nagykun-Szolnok	26,905	60,077	2,230
Szabolcs-Szatmár-Bereg	99,997	251,242	2,510
Northern Great Plain	181,600	449,104	2,470
Bács-Kiskun	63,170	240,713	3,810
Békés	74,567	137,811	1,850
Csongrád-Csanád	28,185	53,594	1,900
Southern Great Plain	165,922	432,118	2,600
Great Plain and North	400,644	1,030,893	2,570
Total	816,643	2,781,774	3,410

Average maize yield was the highest,

7.1 tonnes/ hectare

in Zala county.

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards the spatial data are published not by the county of the headquarters but by the county where the land used is located. Including hybrid maize.

Source: Hungarian Central Statistical Office

PRODUCTION OF SUGAR BEET BY REGIONS 2022^{a)}

20.2%
of the sugar beet was
grown in
Somogy county.

Regions	Harvested area	Total production	Average yield
	hectares	tonnes	kg per hectare
Budapest	–	–	–
Pest	290	13,843	47,730
Central Hungary	290	13,843	47,730
Fejér	1,688	79,821	47,290
Komárom-Esztergom	230	9,486	41,240
Veszprém	70	4,428	63,260
Central Transdanubia	1,988	93,735	47,150
Győr-Moson-Sopron	859	43,620	50,780
Vas	737	38,522	52,270
Zala	454	19,685	43,360
Western Transdanubia	2,050	101,827	49,670
Baranya	170	10,857	63,860
Somogy	2,095	95,196	45,440
Tolna	942	50,091	53,180
Southern Transdanubia	3,207	156,144	48,690
Transdanubia	7,245	351,706	48,540
Borsod-Abaúj-Zemplén	7	112	16,000
Heves	–	–	–
Nógrád	2	97	48,500
Northern Hungary	9	209	23,220
Hajdú-Bihar	392	21,974	56,060
Jász-Nagykun-Szolnok	99	5,317	53,710
Szabolcs-Szatmár-Bereg	58	3,531	60,880
Northern Great Plain	549	30,822	56,140
Bács-Kiskun	1,128	52,646	46,670
Békés	86	4,534	52,720
Csongrád-Csanád	403	16,455	40,830
Southern Great Plain	1,617	73,635	45,540
Great Plain and North	2,175	104,666	48,120
Total	9,710	470,215	48,430

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards the spatial data are published not by the county of the headquarters but by the county where the land used is located.

Source: Hungarian Central Statistical Office

PRODUCTION OF SUNFLOWER SEED BY REGIONS 2022^{a)}

Regions	Harvested area	Total production	Average yield
	hectares	tonnes	kg per hectare
Budapest	367	531	1,450
Pest	36,901	55,745	1,510
Central Hungary	37,268	56,276	1,510
Fejér	41,365	85,428	2,070
Komárom-Esztergom	12,395	24,350	1,960
Veszprém	11,751	24,906	2,120
Central Transdanubia	65,511	134,684	2,060
Győr-Moson-Sopron	15,930	38,601	2,420
Vas	8,019	23,353	2,910
Zala	8,782	24,496	2,790
Western Transdanubia	32,731	86,450	2,640
Baranya	21,866	57,953	2,650
Somogy	32,385	83,998	2,590
Tolna	37,410	99,973	2,670
Southern Transdanubia	91,661	241,924	2,640
Transdanubia	189,903	463,058	2,440
Borsod-Abaúj-Zemplén	43,730	83,450	1,910
Heves	32,720	46,718	1,430
Nógrád	8,462	12,971	1,530
Northern Hungary	84,912	143,139	1,690
Hajdú-Bihar	64,698	121,078	1,870
Jász-Nagykun-Szolnok	92,434	123,472	1,340
Szabolcs-Szatmár-Bereg	52,048	104,439	2,010
Northern Great Plain	209,180	348,989	1,670
Bács-Kiskun	41,168	88,241	2,140
Békés	84,994	138,082	1,620
Csongrád-Csanád	32,170	48,410	1,500
Southern Great Plain	158,332	274,733	1,740
Great Plain and North	452,424	766,861	1,700
Total	679,595	1,286,195	1,890

10.7%
of the sunflower
seeds were harvested
in Békés county.

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards the spatial data are published not by the county of the headquarters but by the county where the land used is located.

Source: Hungarian Central Statistical Office

PRODUCTION OF SOYBEANS BY REGIONS 2022^{a)}

27.3%
of the soybeans were
grown in
Baranya county.

Regions	Harvested area	Total production	Average yield
	hectares	tonnes	kg per hectare
Budapest	–	–	–
Pest	238	245	1,030
Central Hungary	238	245	1,030
Fejér	1,277	1,282	1,000
Komárom-Esztergom	227	277	1,220
Veszprém	1,514	2,529	1,670
Central Transdanubia	3,018	4,088	1,350
Győr-Moson-Sopron	7,012	15,632	2,230
Vas	10,970	21,220	1,930
Zala	7,323	17,954	2,450
Western Transdanubia	25,305	54,806	2,170
Baranya	16,549	36,657	2,220
Somogy	3,843	8,508	2,210
Tolna	2,160	3,378	1,560
Southern Transdanubia	22,552	48,543	2,150
Transdanubia	50,875	107,437	2,110
Borsod-Abaúj-Zemplén	3,210	3,875	1,210
Heves	47	51	1,090
Nógrád	62	62	1,000
Northern Hungary	3,319	3,988	1,200
Hajdú-Bihar	587	1,229	2,090
Jász-Nagykun-Szolnok	1,019	2,228	2,190
Szabolcs-Szatmár-Bereg	817	1,026	1,260
Northern Great Plain	2,423	4,483	1,850
Bács-Kiskun	6,019	12,203	2,030
Békés	2,398	4,421	1,840
Csongrád-Csanád	1,007	1,688	1,680
Southern Great Plain	9,424	18,312	1,940
Great Plain and North	15,166	26,783	1,770
Total	66,279	134,465	2,030

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards the spatial data are published not by the county of the headquarters but by the county where the land used is located.

Source: Hungarian Central Statistical Office

PRODUCTION OF RAPESEED BY REGIONS 2022^{a)}

Regions	Harvested area	Total production	Average yield
	hectares	tonnes	kg per hectare
Budapest	135	214	1,590
Pest	9,380	17,174	1,830
Central Hungary	9,515	17,388	1,830
Fejér	14,866	38,359	2,580
Komárom-Esztergom	2,845	5,717	2,010
Veszprém	5,269	9,790	1,860
Central Transdanubia	22,980	53,866	2,340
Győr-Moson-Sopron	20,333	44,912	2,210
Vas	25,906	63,436	2,450
Zala	13,002	38,977	3,000
Western Transdanubia	59,241	147,325	2,490
Baranya	9,587	27,396	2,860
Somogy	16,928	49,714	2,940
Tolna	11,112	29,141	2,620
Southern Transdanubia	37,627	106,251	2,820
Transdanubia	119,848	307,442	2,570
Borsod-Abaúj-Zemplén	14,447	41,252	2,860
Heves	4,973	10,221	2,060
Nógrád	4,421	9,493	2,150
Northern Hungary	23,841	60,966	2,560
Hajdú-Bihar	2,548	6,200	2,430
Jász-Nagykun-Szolnok	4,599	8,880	1,930
Szabolcs-Szatmár-Bereg	3,810	11,370	2,980
Northern Great Plain	10,957	26,450	2,410
Bács-Kiskun	21,599	53,425	2,470
Békés	8,263	18,752	2,270
Csongrád-Csanád	10,540	20,622	1,960
Southern Great Plain	40,402	92,799	2,300
Great Plain and North	75,200	180,215	2,400
Total	204,563	505,045	2,470

12.6%

of the rapeseed was harvested in Vas county.

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards the spatial data are published not by the county of the headquarters but by the county where the land used is located.

Source: Hungarian Central Statistical Office

PRODUCTION OF FRUIT AND GRAPES BY REGIONS^{a)}

Total harvested fruit
production decreased
by

19.8%

compared to 2022.

Regions	Fruits		Grapes	
	production, tonnes			
	2021	2022	2021	2022
Budapest	75	67	23	23
Pest	35,746	31,972	7,055	6,574
Central Hungary	35,821	32,039	7,078	6,597
Fejér	13,024	13,347	20,388	18,628
Komárom-Esztergom	2,611	1,410	5,688	5,487
Veszprém	4,638	5,081	21,791	19,270
Central Transdanubia	20,273	19,838	47,867	43,385
Győr-Moson-Sopron	12,370	14,373	9,444	8,685
Vas	17,599	20,109	3,781	3,973
Zala	19,626	25,421	6,042	5,819
Western Transdanubia	49,595	59,903	19,267	18,477
Baranya	4,547	5,220	20,347	20,227
Somogy	7,126	6,528	28,234	27,406
Tolna	4,660	8,504	35,335	28,749
Southern Transdanubia	16,333	20,252	83,916	76,382
Transdanubia	86,201	99,993	151,050	138,244
Borsod-Abaúj-Zemplén	35,165	35,429	28,981	25,703
Heves	24,088	20,378	73,086	72,589
Nógrád	4,672	4,470	999	793
Northern Hungary	63,925	60,277	103,066	99,085
Hajdú-Bihar	23,548	16,470	571	567
Jász-Nagykun-Szolnok	4,849	5,281	4,301	3,912
Szabolcs-Szatmár-Bereg	426,116	276,607	575	551
Northern Great Plain	454,513	298,358	5,447	5,030
Bács-Kiskun	42,232	48,927	168,206	162,717
Békés	4,344	4,180	121	120
Csongrád-Csanád	12,241	17,119	2,782	2,761
Southern Great Plain	58,817	70,226	171,109	165,598
Great Plain and North	577,255	428,861	279,622	269,713
Total	699,277	560,893	437,750	414,554

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards the spatial data are published not by the county of the headquarters but by the county where the land used is located.

Source: Hungarian Central Statistical Office

CATTLE AND PIG STOCK BY REGIONS^{a)} 1ST DECEMBER 2022

Regions	Cattle	Out of which: cows	Pigs	Out of which: breeding sows
	thousand heads			
Budapest	1	0	0	–
Pest	80	27	51	4
Central Hungary	81	28	52	4
Fejér	44	23	63	3
Komárom-Esztergom	18	9	192	10
Veszprém	50	23	69	3
Central Transdanubia	111	55	324	15
Győr-Moson-Sopron	63	28	98	6
Vas	28	14	34	3
Zala	27	13	67	4
Western Transdanubia	117	55	200	12
Baranya	34	16	237	14
Somogy	37	17	215	10
Tolna	27	10	169	8
Southern Transdanubia	97	43	621	32
Transdanubia	326	153	1 145	59
Borsod-Abaúj-Zemplén	46	24	65	4
Heves	17	9	24	1
Nógrád	21	13	8	1
Northern Hungary	84	45	97	6
Hajdú-Bihar	110	56	320	19
Jász-Nagykun-Szolnok	56	28	254	15
Szabolcs-Szatmár-Bereg	53	27	108	7
Northern Great Plain	219	110	682	41
Bács-Kiskun	70	36	235	18
Békés	67	27	244	14
Csongrád-Csanád	38	19	104	6
Southern Great Plain	175	82	583	37
Great Plain and North	479	238	1 362	84
Total	885	418	2 558	148

12.4%

of the cattle population was in Hajdú-Bihar county.

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. From 2020, data by place of rearing. Due to a methodological changes from 2020 onwards only data of data providers reaching the threshold (in terms of economic size) are gathered.

Source: Hungarian Central Statistical Office

SHEEP AND HEN STOCK BY REGIONS^{a)}

1ST DECEMBER 2022

22.5%

of the Hungarian sheep population was in Hajdú-Bihar county.

Regions	Sheep	Out of which: ewes	Hen	Out of which: laying hens
	thousand heads			
Budapest	1	0	15	4
Pest	50	40	1,162	758
Central Hungary	51	41	1,177	762
Fejér	25	20	491	337
Komárom-Esztergom	11	9	1,797	949
Veszprém	33	26	1,538	554
Central Transdanubia	69	55	3,826	1,840
Győr-Moson-Sopron	12	9	971	572
Vas	0	0	2,295	779
Zala	15	9	1,158	207
Western Transdanubia	27	19	4,424	1,558
Baranya	17	14	1,552	183
Somogy	11	8	140	55
Tolna	39	31	70	34
Southern Transdanubia	67	53	1,762	272
Transdanubia	164	127	10,013	3,669
Borsod-Abaúj-Zemplén	57	47	1,957	513
Heves	18	14	310	144
Nógrád	14	12	90	52
Northern Hungary	88	73	2,357	709
Hajdú-Bihar	196	156	1,713	465
Jász-Nagykun-Szolnok	46	36	761	303
Szabolcs-Szatmár-Bereg	100	84	7,519	716
Northern Great Plain	341	276	9,993	1,485
Bács-Kiskun	128	104	4,251	1,509
Békés	42	30	1,022	513
Csongrád-Csanád	59	44	312	107
Southern Great Plain	228	177	5,585	2,128
Great Plain and North	657	526	17,935	4,321
Total	872	693	29,124	8,752

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. From 2020, data by place of rearing. Due to a methodological changes from 2020 onwards only data of data providers reaching the threshold (in terms of economic size) are gathered.

Source: Hungarian Central Statistical Office

LIVESTOCK DENSITY^{a)} 1ST DECEMBER

Regions	Livestock per 100 hectares of agricultural land area, heads			
	cattle		pigs	
	2021	2022	2021	2022
Budapest	22	9	2	4
Pest	28	26	15	17
Central Hungary	27	26	15	16
Fejér	16	16	33	23
Komárom-Esztergom	15	15	197	167
Veszprém	24	25	22	34
Central Transdanubia	18	19	60	54
Győr-Moson-Sopron	27	28	55	44
Vas	17	16	23	20
Zala	22	21	61	55
Western Transdanubia	23	23	46	39
Baranya	15	15	141	107
Somogy	14	15	90	90
Tolna	11	12	67	73
Southern Transdanubia	13	14	99	90
Transdanubia	18	18	71	63
Borsod-Abaúj-Zemplén	15	15	20	21
Heves	10	9	14	13
Nógrád	27	25	21	9
Northern Hungary	15	15	18	17
Hajdú-Bihar	25	24	71	70
Jász-Nagykun-Szolnok	15	13	61	59
Szabolcs-Szatmár-Bereg	18	18	38	36
Northern Great Plain	19	18	59	57
Bács-Kiskun	16	15	49	51
Békés	15	15	54	56
Csongrád-Csanád	14	13	51	35
Southern Great Plain	15	15	51	49
Great Plain and North	17	16	48	46
Total	18	17	54	50

^{a)} The table contains rounded figures and therefore the sum of individual data may differ from the grand total. Due to a methodological change from 2020 onwards only the data of data providers reaching the threshold (in terms of economic size) are gathered and they are published not by the county of the headquarters but by the county where the land used is located.

Source: Hungarian Central Statistical Office

The pig population density was the highest in **Komárom-Esztergom** county.

INTERNATIONAL DATA



6,914k persons

aged 15-64 employed in the agriculture, game management and fishery sector in the EU27 in 2022



2.5%

Hungary's share of the apple production in the EU27



5.4%

Hungary's share of the maize production in the EU27



13.6%

Hungary's share of the sunflower seed production in the EU27



1.9%

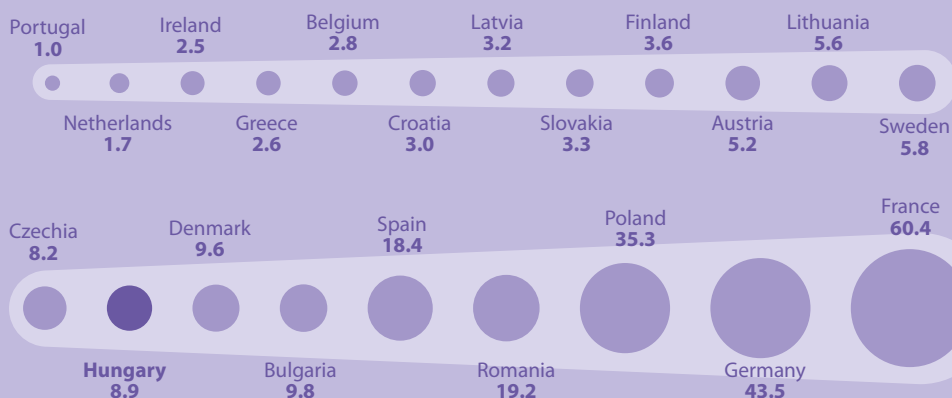
Hungary's share of EU27 pigmeat production



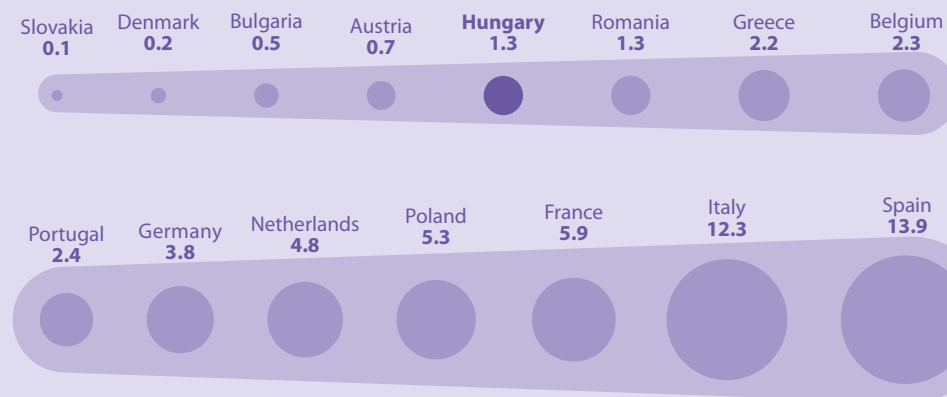
51.0%

As regards the increase in producer prices compared to 2021
Hungary No.1 among the EU Members States

CEREAL PRODUCTION IN THE EU PRIORITY MEMBER STATES, 2022 (million tonnes)



VEGETABLE PRODUCTION IN THE EU PRIORITY MEMBER STATES, 2022 (million tonnes)



PRODUCTION OF CEREALS

Total cereal production
decreased by
36.6%
in Hungary.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	2,962,815	3,006,634	3,070,645	..
EU27 total (from 2020)	299,364	285,436	297,516	..
Austria	5,417	5,668	5,300	5,171
Belgium	2,904	2,655	2,604	2,826 ^P
Bulgaria	11,132	8,599	11,640	9,790
Czechia	7,646	8,127	8,227	8,218
Denmark	9,630	9,579	8,742	9,576
Finland	3,982	3,371	2,612	3,637
France	71,208	57,520	67,668	60,376
Greece	2,947	3,109	3,095	2,564
Netherlands	1,587	1,415	1,411	1,699
Croatia	3,499	3,731	3,629	3,045
Ireland	2,396	2,013	2,457	2,517
Poland	28,990	35,695	34,641	35,272 ^e
Latvia	3,163	3,497	2,995	3,244
Lithuania	5,208	6,545	5,341	5,624
Hungary	15,698	15,616	14,018	8,893
Germany	44,329	43,301	42,398	43,521
Italy	16,132	16,710	16,327	..
Portugal	1,153	1,045	1,119	1,014 ^P
Romania	30,412	18,154	27,791	19,184
Spain	19,942	26,390	24,670	18,429 ^P
Sweden	6,148	5,955	4,980	5,820
Slovakia	4,104	4,581	4,308	3,271
United Kingdom	25,517	18962	22,369	..
Türkiye	34,402	37,186	31,861	38,663
Ukraine	74,444	64,343	85,339	..
Russia	117,879	130,039	117,574	..
Japan	11,843	11,686	11,899 ^e	..
China, mainland	615,403	618,599	633,847 ^e	..
Canada	61,474	65,268	46,739	..
USA	420,870	433,257	452,628	..
Australia	29,236	26,613	51,078	..

^e Estimated data.

^P Preliminary, provisional data.

Source: Eurostat, FAO

PRODUCTION OF WHEAT

Country	2019	2020	2021	2022
	thousand tonnes			
World total	764,063	756,950	770,877	..
EU27 total (from 2020)	139,432	126,381	138,079	133,848
Austria	1,606	1,662	1,539	1,693
Belgium	1,896	1,735	1,650	1,821 ^P
Bulgaria	6,162	4,711	7,119	6,230
Czechia	4,812	4,902	4,961	5,189
Denmark	4,697	4,118	4,095	4,214
France	41,083	30,499	36,990	35,015
Greece	979	1,095	1,058	863
Poland	11,012	12,669	12,119	3,385 ^e
Hungary	5,378	5,121	5,290	4,186
Germany	23,063	22,172	21,459	22,587
Italy	6,577	6,554	7,118	6,450
Romania	10,297	6,392	10,434	9,179
Spain	5,801	7,821	8,225	6,017 ^P
Slovakia	1,939	2,133	2,002	1,923
United Kingdom	16,225	9,658	13,988	..
Türkiye	19,004	20,504	17,650	19,752
Ukraine	28,370	24,912	32,183	..
Russia	74,453	85,896	76,057	..
India	103,596	107,861	109,590	..
China, mainland	133,601	134,256	136,952 ^e	..
Canada	32,670	35,437	22,296	..
USA	52,581	49,751	44,790	..
Australia	17,598	14,480	31,923	..

^e Estimated data.

^P Preliminary, provisional data.

Source: Eurostat, FAO

Hungary's wheat production decreased by

20.9%

in 2022.

PRODUCTION OF BARLEY

In Hungary, barley production reduced by

10.1%.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	158,463	157,031	..	..
EU27 total (from 2020)	55,589	54,667	52,092	52,062
Austria	833	870	738	758
Belgium	397	327	299	368 ^P
Bulgaria	547	549	683	603
Czechia	1,718	1,816	1,749	1,877
Denmark	3,667	4,205	3,503	4,171
Estonia	523	561	396	489
Finland	1,682	1,382	1,032	1,451
France	13,725	10,394	11,455	11,385
Greece	367	399	332	311
Ireland	1,558	1,430	1,556	1,566
Poland	3,374	3,001	3,018	2,822 ^e
Lithuania	588	706	500	522
Hungary	1,383	1,484	1,712	1,540
Germany	11,592	10,769	10,411	11,207
Italy	1,072	1,091	1,060	1,124
Romania	1,880	1,141	1,981	2,007
Spain	7,400	10,956	8,864	6,621 ^P
Sweden	1,547	1,514	1,060	1,510
Slovakia	600	679	593	514
United Kingdom	8,048	8,117	6,961	..
Türkiye	7,600	8,300	5,750	..
Ukraine	8,917	7,636	9,437	..
Russia	20,489	20,939	17,996	..
Canada	10,383	10,741	6,848	..
USA	3,756	3,719	2,562	..
Australia	8,819	10,127	14,649	..

^e Estimated data.

^P Preliminary, provisional data.

Source: Eurostat, FAO

PRODUCTION OF RYE

Country	2019	2020	2021	2022
	thousand tonnes			
World total	12,817	15,041	13,223	..
EU27 total (from 2020)	8,303	8,869	7,892	..
Austria	201	219	152	168
Belgium	12	10	17	16
Czechia	158	172	127	128
Denmark	894	708	680	700
France	137	133	197	159
Greece	18	18	17	14
Poland	2,461	2,960	2,520	2,346 ^e
Hungary	91	84	85	58
Latvia	191	178	138	129
Italy	13	11	11	10
Romania	26	28	35	29
Spain	251	392	303	187 ^p
Sweden	221	190	145	129
Slovakia	49	49	36	36
United Kingdom	75	72	194	..
Türkiye	310	294	201	271
Ukraine	335	457	593	..
Russia	1,428	2,378	1,722	..
Egypt	92	92	92 ^l	..
Canada	333	488	473	..
USA	270	293	249	..
Australia	29	29	29 ^l	..

^e Estimated data.

^l Imputed data.

^p Preliminary, provisional data.

Source: Eurostat, FAO

32.3%

less rye was produced in Hungary in 2022 than a year earlier.

PRODUCTION OF SOYA

18.7%

less soya was produced in Hungary in 2022 than a year earlier.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	344,759	335,900	355,371	371,694
EU27 total (from 2020)	2,813	2,682	2,713	2,494
Austria	215	203	235	246
Bulgaria	7	6	3	10
Croatia	28	33	51	66
Czechia	28	33	51	66
France	429	407	439	374
Germany	84	91	107	121
Greece	4	2	1	3
Hungary	170	166	157	127
Italy	1,001	965	887	906
Lithuania	2	3	2	2
Poland	15	16	21	43
Romania	416	322	348	242
Slovakia	117	129	161	97
Slovenia	4	5	5	5
Spain	5	5	5	3
Switzerland	5	5	6	6
Türkiye	150	154	181	153
Ukraine	4,461	3,699	2,798	3,493
Russian	4,027	4,360	4,308	4,760
India	10,933	13,268	11,226	12,610
Paraguay	11,046	8,520	11,024	10,537
China, mainland	15,967	18,100	19,600	16,400
Kanada	7,417	6,145	6,359	6,272
Egyesült Államok	120,514	96,667	114,749	120,707
Argentina	37,788	55,264	48,797	46,218
Brazil	117,912	114,317	121,798	134,935

Forrás: Eurostat, FAO

PRODUCTION OF OATS

Country	2019	2020	2021	2022
	thousand tonnes			
World total	23,141	25,320	22,572	..
EU27 total (from 2020)	6,965	8,524	7,488	7,483
Austria	78	84	89	84
Belgium	20	18	17	19
Bulgaria	31	30	24	25
Czechia	134	183	195	168
Denmark	250	431	335	356
Estonia	97	118	78	100
Finland	1,170	1,195	790	1,203
France	407	390	486	381
Greece	79	78	72	78
Netherlands	8	8	7	9
Ireland	203	190	238	239
Poland	1,233	1,678	1,656	1,521 ^a
Latvia	238	288	183	225
Lithuania	178	276	170	186
Hungary	70	77	77	38
Germany	519	722	767	755
Italy	238	243	233	242
Portugal	50	47	38	34 ^p
Romania	362	197	210	181
Spain	808	1,324	1,148	805 ^p
Sweden	671	808	551	735
Slovakia	32	33	37	22
United Kingdom	1,076	1,031	1,123	..
Türkiye	264	314	277	363
Ukraine	422	510	468	..
Russia	4,424	4,132	3,776	..
China, mainland	527	600	600e	..
Chile	385	477	525	..
Canada	4,227	4,576	2,808	..
USA	773	954	578	..

In Hungary
oat production
fell by

51.0%.

^a Estimated data.

^p Preliminary, provisional data.

Source: Eurostat, FAO

PRODUCTION OF MAIZE

In 2022, Hungary produced

56.6%

less maize than in the previous year.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	1,137,617	1,162,998	1,210,235 ^e	..
EU27 total (from 2020)	70,099	66,998	72,988	51,914
Austria	2,299	2,412	2,435	2,114
Belgium	530	519	580	583 ^p
Bulgaria	3,990	2,969	3,376	2,496
Czechia	620	826	988	639
France	12,996	13,577	15,539	10,823
Greece	1,234	1,178	1,323	1,089
Netherlands	185	208	222	218
Poland	3,734	6,822	7,461	8,266 ^e
Hungary	8,278	8,414	6,462	2,803
Germany	3,665	4,020	4,462	3,837
Italy	6,259	6,771	6,060	4,682
Portugal	755	682	752	708 ^p
Romania	17,432	10,097	14,821	7,486
Spain	4,184	4,214	4,598	3,678 ^p
Slovakia	1,445	1,643	1,598	740
Slovenia	360	430	389	278
Türkiye	6,000	6,500	6,751	8,500
Ukraine	35,880	30,290	42,110	..
Russia	14,282	13,879	15,240	..
India	27,715	28,766	31,650	..
China, mainland	260,958	260,876	272,762	..
Egypt	7,593	7,593	7,500 ^e	..
Argentina	56,861	58,396	60,526	..
Brazil	101,126	103,964	88,462	..
Canada	13,404	13,563	13,984	..
Mexico	27,228	27,425	27,503	..
USA	345,962	358,447	383,943	..

^e Estimated data.

^l Imputed data.

^p Preliminary, provisional data.

Source: Eurostat, FAO

PRODUCTION OF RICE

Country	2019	2020	2021	2022
	thousand tonnes			
World total	753,286	769,228	787,294	..
EU27 total (from 2020)	2,858	2,845	2,639	..
Bulgaria	71	71	59	65
Greece	224	291	244	161
France	85	78	64	66
Hungary	11	12	10	9
Italy	1,498	1,513	..	..
Spain	788	748	624	381 ^P
Portugal	162	133	176	150 ^P
Romania	40	25	15	17
Türkiye	1,001	981	999	949
Bangladesh	54,586	54,906	56,945 ⁱ	..
Philippines	18,815	19,295	19,960	..
India	178,305	186,500	195,425	..
Indonesia	54,604	54,649	54,415	..
Japan	10,540	10,469	10,525	..
China, mainland	211,405	213,611	214,404 ^P	..
Korea Republic	5,016	4,713	5,211	..
Korea D.P. Republic	2,804	2,113	1,855 ⁱ	..
Myanmar (Burma)	26,270	25,983	24,910 ^u	..
Ukraine	28,618	30,231	33,582	..
Russia	43,495	42,765	43,853	..
Egypt	4,804	4,804	4,841 ⁱ	..
Madagascar	3,911	4,228	4,391	..
Brazil	10,369	11,091	11,661	..

^e Estimated data.

ⁱ Imputed data.

^P Preliminary, provisional data.

^u Unofficial data.

Source: Eurostat, FAO

Rice yield in Hungary decreased by

8.5%.

PRODUCTION OF SUGAR-BEET

Production of sugar-beet was reduced by

32.3%

in Hungary.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	280,823	255,526	270,156	..
EU27 total (from 2020)	113,128	100,861	113,319	..
Austria	1,965	2,092	3,017	2,710
Belgium	5,072	4,784	4,550	4,757 ^P
Czechia	3,661	3,671	4,145	4,055
Denmark	2,340	2,559	2,573	2,292
Finland	501	422	403	380
France	38,024	26,195	34,365	31,544
Netherlands	6,645	6,691	6,556	7,257
Poland	13,837	14,947	15,274	14,154
Lithuania	1,002	948	856	728
Croatia	709	774	707	572
Hungary	824	780	678	459
Germany	29,728	28,618	31,945	28,201
Italy	1,779	1,831	1,511	..
Romania	917	718	784	269
Spain	2,753	2,433	2,506	2,085 ^P
Sweden	2,029	2,027	2,047	1,871
Slovakia	1,252	1,273	1,364	1,097
United Kingdom	7,763	5,980	7,420	..
Türkiye	18,086	23,026	18,250	..
Ukraine	10,205	9,150	10,854	..
Russia	54,350	33,915	41,202	..
Japan	3,986	3,912	4,061	..
China, mainland	12,273	11,984	7,851	..
USA	25,991	30,490	33,340	..

^P Preliminary, provisional data.

Source: Eurostat, FAO

PRODUCTION OF SUNFLOWER SEEDS

Country	2019	2020	2021	2022
	thousand tonnes			
World total	51,914	56,021	50,230	..
EU27 total (from 2020)	10,003	10,279	9,026	10,359
Bulgaria	1,927	1,914	1,720	1,989
France	1,239	1,298	1,607	1,911
Hungary	1,830	1,707	1,698	1,761
Romania	3,063	3,569	2,123	2,818
Spain	950	774	883	767
Türkiye	1,949	2,100	2,067	..
Ukraine	14,165	15,254	13,110	..
Russia	12,756	15,379	13,314	..
Argentina	3,538	3,826	3,233	..
USA	956	887	1,353	..

Source: Eurostat, FAO

The sunflower yield in Hungary fell by

28.6%

in 2022.

PRODUCTION OF RAPESEED

In Hungary rapeseed yield was

31.0%

lower than a year earlier.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	71,828	72,328	71,333	..
EU27 total (from 2020)	15,289	16,570	16,944	19,399
Austria	107	100	86	91
Belgium	33	30	28	36 ^P
Bulgaria	428	277	372	296
Czechia	1,157	1,245	1,025	1,166
Denmark	729	560	651	889
France	3,523	3,297	3,307	4,517
Poland	2,373	3,120	3,191	3,647
Latvia	408	456	428	359
Lithuania	689	967	904	896
Hungary	912	877	734	507
Germany	2,830	3,527	3,505	4,295
Italy	38	48	55	53
Romania	798	780	1,375	1,223
Spain	144	195	237	255 ^P
Slovakia	418	441	420	442
Sweden	382	339	344	427
United Kingdom	1,752	1,038	981	..
Türkiye	180	122	140	..
Ukraine	3,280	2,557	2,939	..
Russia	2,060	2,572	2,794	..
Canada	19,912	19,485	13,757	..
USA	1,553	1,575	1,244	..
Australia	2,366	2,299	4,756	..

^P Preliminary, provisional data.

Source: Eurostat, FAO

PRODUCTION OF POTATOES

Country	2019	2020	2021	2022
	thousand tonnes			
World total	368,833	371,143	376,120 ^e	..
EU27 total (from 2020)	51,085	52,886	50,444	47,279
Austria	751	886	770	686
Belgium	4,028	3,929	3,871	3,546 ^P
Czechia	623	696	672	655
Denmark	2,409	2,763	2,375	2,618
Finland	619	624	559	562
France	8,560	8,692	8,987	8,043
Greece	470	451	382	360
Netherlands	6,961	7,020	6,676	6,916
Ireland	382	300	408	349
Poland	6,482	7,860	7,081	6,031
Lithuania	330	297	200	226
Hungary	344	270	240	194
Germany	10,602	11,715	11,312	10,683
Italy	1,338	1,435	1,362	1,333
Portugal	424	410	413	349 ^P
Romania	2,627	1,601	1,398	1,186
Spain	2,259	2,052	2,081	1,916 ^P
Sweden	847	877	826	851
Slovakia	182	166	151	131
United Kingdom	5,307	5,513	5,307	..
Ukraine	20,269	20,838	21,356	..
Russia	22,075	19,607	18,296	..
India	50,190	48,562	54,230	..
China, mainland	89,562 ^e	92,853 ^e	94,362 ^e	..
Japan	2,399	2,205	2,131 ⁱ	..
Canada	5,364	5,287	6,372	..
USA	19,251	19,052	18,582	..

^e Estimated data.

ⁱ Imputed data.

^P Preliminary, provisional data.

Source: Eurostat, FAO

In Hungary, potato yield was

18.9%

lower in 2022 than in the previous year.

TOTAL PRODUCTION OF VEGETABLES^{a)}

Hungary's total vegetable production decreased by

10.4%.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	1,122,002 ^e	1,138,740 ^e	1,154,598 ^e	..
EU27 total (from 2020)	62,037	62,131	65,792	58,919
Austria	611	645	675	674
Belgium	2,222	2,188	2,495	2,348 ^p
Bulgaria	551	455	488	452
Denmark	282	277	271	245
France	5,552	5,512	6,173	5,925
Greece	2,201	2,451	2,478	2,234
Netherlands	5,328	5,267	5,597	4,782
Poland	5,036	5,190	5,285	5,322
Hungary	1,493	1,424	1,398	1,253 ^e
Germany	3,904	3,888	4,259	3,768
Italy	12,778	13,186	13,467	12,349
Portugal	2,345	2,492	2,930 ^p	2,419 ^p
Romania	2,384	2,303	2,323	1,340
Spain	15,439	14,827	15,927	13,869
Slovakia	126	123	148	134
Türkiye	25,442	25,961	26,464	..
Ukraine	9,707	9,675	9,959	..
Russia	14,153	13,951	13,544	..
India	131,785	135,287 ^e	137,988 ^e	..
Japan	10,387	10,291	10,177 ^e	..
China, mainland	584,694 ^e	593,224 ^e	602,344 ^e	..
Egypt	16,119	15,667	15,571 ^e	..
Brazil	8,695	8,516	8,572	..
Canada	2,291	2,258	2,277	..
Mexico	15,127	15,109	14,747	..
USA	29,512	29,222	27,917	..

^{a)} Melons included.

^e Estimated data.

^p Preliminary, provisional data.

Source: Eurostat, FAO, Hungarian Central Statistical Office

PRODUCTION OF APPLE

Country	2019	2020	2021	2022
	thousand tonnes			
World total	87,509	90,490	93,144 ^e	..
EU27 total (from 2020)	11,585	11,834	12,400	12,470
Austria	239	258	206	261
Belgium	242	168	250	239 ^p
Bulgaria	44	38	44	46
Czechia	100	116	115	131
Denmark	25	40	31	41
France	1,754	1,620	1,633	1,786
Greece	277	304	282	300
Netherlands	273	220	245	236
Poland	3,081	3,555	4,067	4,265
Hungary	498	399	515	313 ^a
Germany	991	1,023	1,005	1,071
Italy	2,304	2,462	2,212	2,256
Portugal	371	286	368	295 ^p
Romania	493	537	594	481
Spain	639	522	616	496
Slovakia	35	28	30	31
Slovenia	54	66	23	49
Türkiye	3,619	4,300	4,493	..
Ukraine	1,154	1,115	1,279	..
Russia	1,951	2,041	2,216	..
China, mainland	42,427	44,067	45,985	..
India	2,316	2,814	2,276	..
Brazil	1,223	983	1,297	..
Argentina	548	587	514	..
USA	5,029	4,665	4,467	..

^e Estimated data.

^p Preliminary, provisional data.

Source: Eurostat, FAO

In Hungarian apple production in 2022 fell by

39.1%

on the previous year.

PRODUCTION OF GRAPES

in 2022 the volume of grapes produced in Hungary was

5.0%

less than a year earlier.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	77,087	76,997	73,524	..
EU27 total (from 2020)	24,220	26,001	24,589	25,481
Austria	310	320	328	337
Bulgaria	179	159	178	162
France	5,490	5,884	5,074	6,158
Greece	808	816	819	821
Hungary	457	435	438	416 ^e
Italy	7,900	8,222	8,149	8,438
Spain	5,745	6,818	6,087	5,902 ^p
Portugal	865	853	978	832 ^p
Romania	974	933	1,005	809
Türkiye	4,100	4,209	3,670	..
Ukraine	366	281	264	..
Russia	678	682	752	..
China, mainland	14,284	14,388	11,270 ^e	..
India	3,041	3,181	3,358	..
Egypt	1,595	1,184	1,435 ^u	..
Argentina	2,520	2,056	2,241	..
Brazil	1,486	1,436	1,748	..
USA	6,315	5,389	..	..
Australia	1,554	1,475	1,886	..

^e Estimated data.

^p Preliminary, provisional data.

^u Unofficial data.

Source: Eurostat, FAO

CATTLE POPULATION

Country	2019	2020	2021	2022
	thousand heads			
World total	1,503,529	1,523,294	1,529,296	..
EU14 total (from 2020)	63,466	62,753	61,853	..
EU27 total (from 2020)	77,161	76,551	75,705	74,799
Austria	1,880	1,855	1,870	1,861
Belgium	2,373	2,335	2,310	2,286
Bulgaria	527	589	611	580
Czechia	1,367	1,340	1,359	1,390
Denmark	1,500	1,500	1,480	1,466
France	18,173	17,816	17,330	16,986
Netherlands	3,721	3,691	3,705	3,751
Ireland	6,560	6,529	6,649	6,552
Poland	6,262	6,279	6,379	6,448
Hungary	909	933	910	894
Germany	11,640	11,302	11,040	10,997
Italy	6,377	6,400	6,280	6,049
Portugal	1,675	1,691	1,641	1,579
Romania	1,923	1,875	1,827	1,825 ^o
Spain	6,600	6,636	6,576	6,455
Slovakia	432	442	434	433
Türkiye	17,872	18,158	18,036	..
Ukraine	3,333	3,092	2,874	..
Russia	18,151	18,126	18,027	..
India	193,463	194,934	193,166 ⁱ	..
China, mainland	63,541	61,171	60,522 ^e	..
Argentina	55,008	54,461	53,416	..
Brazil	215,009	218,150	224,602	..
Canada	11,500	11,265	11,058 ⁱ	..
Mexico	35,225	35,654	35,999	..
USA	94,805	93,793	93,790	..
Australia	24,723	23,503	24,431	..

Hungary's cattle population decreased by

1.7%.

^o Estimated data.

ⁱ Imputed data.

^p Preliminary, provisional data.

Source: Eurostat, FAO

PIG POPULATION

The Hungarian pig population reduced by

6.2%.

Country	2019	2020	2021	2022
	thousand heads			
World total	838,488	937,513	975,410 ^e	..
EU14 total (from 2020)	120,057	121,974	119,629	..
EU27 total (from 2020)	143,146	145,911	141,681	134,489
Austria	2,773	2,806	2,786	2,650
Belgium	6,085	6,218	6,042	5,751
Czechia	1,509	1,546	1,493	1,329
Denmark	12,728	13,391	13,152	11,541
France	13,510	13,393	12,941	12,183
Netherlands	11,921	11,541	10,872	10,706
Poland	11,216	11,727	10,242	9,624
Hungary	2,634	2,850	2,726	2,558
Germany	26,053	26,070	23,762	21,366
Italy	8,510	8,543	8,408	8,739
Romania	3,834	3,785	3,620	3,407 ^p
Spain	31,246	32,796 ^p	34,454 ^p	34,073 ^p
Portugal	2,256	2,252	2,221 ^p	2,183 ^p
Slovakia	589	538	453	381
Ukraine	6,025	5,727	5,876	..
Russia	23,727	25,163	25,850	..
Japan	9,156	9,123.909 ^l	9,290	..
India	9,055	8,833	8,828 ^l	..
China, mainland	316,030	412,136	54,807 ^e	..
Brazil	40,556	41,124	42,539	..
Canada	13,975	13,970	14,030	..
Mexico	18,365	18,788	18,929	..
USA	78,228	77,312	74,146	..

^e Estimated data.

^l Imputed data.

^p Preliminary, provisional data.

Source: Eurostat, FAO

SHEEP POPULATION

Country	2019	2020	2021	2022
	thousand heads			
World total	1,239,807 ^e	1,264,086 ^e	1,284,851 ^e	..
EU27 total (from 2020)	62,470	61,514 ^e	60,553 ^e	59,456 ^e
Austria	403	394	402	401
Bulgaria	1,281	1,308	1,200	1,096
France	7,105	6,999	6,995 ^p	6,598
Greece	8,427	7,722	7,691	7,378
Netherlands	758	710	729	723
Ireland	3,809	3,877	3,991 ^p	4,029
Croatia	658	662	654	643
Hungary	1,061	944	887	872
Germany	1,557	1,484	1,508	1,517
Italy	7,001	7,034	6,728	6,568
Portugal	2,220	2,304	2,238 ^p	2,269
Romania	10,359	10,282	10,087	10,443 ^p
Spain	15,479	15,439 ^p	15,081 ^p	14,453
Sweden	371	368	349	341
United Kingdom	33,580	32,697	32,957	..
Türkiye	37,276	42,127	45,178	..
Ukraine	699	659	621	..
Russia	21,136	20,655	19,785	..
India	74,261	75,598 ⁱ	74,285 ⁱ	..
China, mainland	163,490 ^e	173,095 ^e	186,377 ^e	..
Argentina	14,774	14,572	13,348	..
Brazil	19,972	20,629	20,537	..
Mexico	8,708	8,726	8,767	..
USA	5,230	5,200	5,170	..
Australia	65,755	63,529	68,047	..

^e Estimated data.

ⁱ Imputed data.

^p Preliminary, provisional data.

Source: Eurostat, FAO

Sheep population in Hungary fell by

1.7%.

PORK PRODUCTION

Pork production in Hungary decreased by

7.5%.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	108,184 ^e	108,252 ^e	120,372 ^e	..
EU27 total (from 2020)	22,768 ^p	23,031 ^p	23,394 ^p	22,066 ^p
Austria	502	503	502	478
Belgium	1,039	1,099	1,140 ^p	1,032 ^p
Czechia	210	211	217	209
Denmark	1,499	1,595	1,724	1,609
France	2,200 ^p	2,201 ^p	2,204 ^p	2,152 ^p
Netherlands	1,628	1,662	1,719	1,684
Poland	1,979	1,974	1,976	1,795
Hungary	435	448	463	428
Germany	5,227	5,112	4,965	4,486
Italy	1,448	1,271	1,335	1,239
Spain	4,641 ^p	5,003 ^p	5,180	5,066
United Kingdom	957	984	1,022	..
Ukraine	708	697	724	..
Russia	3,937	4,282	4,304	..
India	354 ^l	327 ^l	320 ^l	..
China, mainland	43,498 ^e	42,102 ^e	53,907 ^e	..
Argentina	630	655	696	..
Brazil	4,126	4,482	4,365 ^u	..
Mexico	1,600	1,652	1,693	..
USA	12,543	12,845	12,560	..
Australia	414	403	432	..

^e Estimated data.

^l Imputed data.

^p Preliminary, provisional data.

^u Unofficial data.

Source: Eurostat, FAO

BEEF AND VEAL PRODUCTION

Country	2019	2020	2021	2022
	thousand tonnes			
World total	76,489	75,877	76,768	..
EU14 total (from 2020)	6,034	..	..	..
EU27 total (from 2020)	6,908	6,822	6,802	6,635
Austria	230	218	214	210
Belgium	264	255	247	238
Czechia	73	73	73	69
Denmark	125	121	122	119
France	1,428	1,435	1,424	1,361 ^P
Netherlands	424	433	430	422 ^P
Poland	560	559	555	541
Hungary	30	28	29	26
Germany	1,106	1,090	1,072	982
Italy	780	732	748	747
Spain	695	678	718	732
Türkiye	632	458	452	445
Ukraine	370	345	311	..
Russia	1,625	1,634	1,674	..
India	5,894	5,361	5,831 ^e	..
China, mainland	7,349	7,410	7,649 ^e	..
Argentina	3,136	3,168	2,982	..
Brazil	10,200	9,975	9,750 ^e	..
Mexico	2,028	2,081	2,131	..
USA	12,385	12,389	12,734	..
Australia	2,352	2,372	1,933	..

^e Estimated data.

^P Preliminary, provisional data.

Source: Eurostat, FAO

Beef production in Hungary decreased by

11.2%.

MILK PRODUCTION^{a)}

Hungary's milk production fell by

1.9%

in 2022.

Country	2019	2020	2021	2022
	thousand tonnes			
World total	715,047 ^e	742,426 ^e	746,057 ^e	..
EU27 total (from 2020)	158,283	160,282	159,775	..
Austria	3,820	3,852	3,867	3,980
Belgium	4,337	4,494	4,477	4,618
Czechia	3,156	3,268	3,311	3,340
Denmark	5,615	5,666	5,644	5,664
Estonia	822	849	839	849
Ireland	8,245	8,561	9,040	9,108
France	26,036	26,289	25,835	25,029 ^p
Netherlands	14,944	14,932	14,608	..
Poland	14,511	14,831	14,890	15,218
Cyprus	310	347	383	366
Luxembourg	424	451	447	452
Hungary	1,967	2,019	2,085	2,045
Germany	33,103	33,189	32,532	..
Italy	13,300	13,510	13,998	13,972
Portugal	2,082	2,099	2,100	2,031
Romania	4,340	4,363	4,300	4,262
Spain	8,560	8,686 ^p	8,703 ^p	..
Slovenia	626	633	643	628
Slovakia	916	930	914	..
Finland	2,374	2,407	2,315	2,259
United Kingdom	..	..	15,731	..
Ukraine	9,448	9,058	8,517	..
Russia	31,101	31,960	32,079	..
Japan	7,314	7,438	7,592	..
China, mainland	32,444 ^e	34,837 ^e	37,276 ^e	..
Brazil	35,966	36,508	36,364	..
Canada	9,210	9,331	9,466	..
Mexico	12,276	12,564	12,852	..
USA	99,083	101,291	102,629	..

^{a)} Cow milk production.

^e Estimated data.

^p Preliminary, provisional data.

Source: Eurostat, FAO

EMPLOYMENT^{a)}

Country	2019	2020	2021	2022
	thousand persons			
EU27 total (from 2020)	7,901.2	7,724.1	6,979.1	6,914.0
Austria	142.2	151.4	144.2	140.1
Belgium	40.5	39.5	39.4	39.3
Bulgaria	203.4	194.2	184.9	194.9
Cyprus	8.3	8.9	8.9	8.6
Czechia	134.9	130.6	128.5	126.5
Denmark	56.5	53.1	50.0	53.9
Estonia	20.8	18.7	15.6	16.8
Finland	83.4	78.3	85.2	79.4
France	638.1	596.6	647.9	673.4
Greece	419.4	377.4	408.7	424.9
Netherlands	154.5	151.6	191.6	164.5
Croatia	91.8	99.0	106.7	93.4
Ireland	80.7	78.6	79.3	77.5
Poland	1,447.1	1,513.7	1,346.5	1,331.8
Latvia	63.9	61.8	55.1	56.7
Lithuania	82.7	71.6	67.5	72.0
Luxembourg	1.8	2.0	3.1	3.0
Hungary	206.8	205.0	194.6	195.3
Malta	2.3	2.6	2.0	2.2
Germany	463.6	458.4	464.2	476.2
Italy	843.7	843.0	836.3	811.4
Portugal	158.7	147.1	113.0	115.1
Romania	1,602.2	1,532.7	862.2	834.3
Spain	781.6	747.7	783.5	752.5
Sweden	65.7	62.8	65.7	70.4
Slovakia	70.8	63.8	61.8	65.1
Slovenia	35.8	33.9	32.9	34.8

In Hungary, total employment in agriculture, game management and fishery sector increased by

0.4%.

^{a)} Total employment in agriculture, game management and fishery sector, age group 15-64.

Source: Eurostat

PRODUCER PRICE INDEX, NOMINAL VALUE

In Hungary, producer prices of crop and animal products increased by

51.0%

at nominal value.

Member states	Crop products		Animal products		Total	
	2021/2020	2022/2021	2021/2020	2022/2021	2021/2020	2022/2021
	per cent change					
EU27 total (from 2020)	13.9	22.9	4.0	29.9	9.4	25.9
Austria	18.1	18.0	3.8	22.5 ^e	9.5	20.6 ^p
Belgium	20.2	14.6	2.1	37.3	10.4	26.0
Bulgaria	26.0	32.7	1.5	24.0	20.2	30.9
Czechia	12.4	37.0	-0.2	24.5	6.9	31.9
Denmark	9.8	25.9	-0.6	17.7	2.6	20.4
Germany	18.4	27.7	2.8	36.8	9.0	32.9 ^p
Estonia	29.9	38.3	3.0	40.4	16.4	39.2
Ireland	8.5	19.8	12.1	27.8	12.0	26.4
Greece	13.5	14.1	2.9	16.7	10.6	14.8
Spain	14.0	23.6	2.4	25.7	9.0	24.5
France	12.3	18.0	4.3	24.6	9.1	20.5
Croatia	20.7	21.7	-0.5	23.2	12.6	22.2
Italy	11.8	18.0	3.5	25.1	8.6	20.6
Cyprus	-8.5	17.7	0.2	8.4	-3.3	11.9
Latvia	23.8	28.2	7.8	41.7	17.3	33.3
Lithuania	19.1	47.3	10.4	43.6	15.6	45.9
Luxembourg	10.5	21.9	3.5	34.1	4.9	31.5
Hungary	28.9	53.0	3.8	46.4	20.0	51.0
Malta	-0.1	10.9	4.6	10.0	2.6	10.4
Netherlands	12.9	10.3	4.8	38.9	9.4	22.1
Poland	6.6	33.9	10.5	44.3	8.5	39.2
Portugal	8.0	14.9	2.0	29.0	5.7	20.3
Romania	12.2	36.4	3.0	27.2	10.0	34.4
Slovenia	15.1	17.5	3.9	29.9	8.3	24.8
Slovakia	20.6	44.9	-0.6	21.0	12.3	36.6
Finland	10.7	33.2	5.1	23.2	7.1	27.0 ^p
Sweden	12.5	28.1	7.1	24.4	9.6	26.1

^e Estimated data.

^p Preliminary, provisional data.

Source: Eurostat

INPUT PRICE INDEX, NOMINAL VALUE

Member states	Intermediate consumption		Capital formation		Total	
	2021/ 2020	2022/ 2021	2021/ 2020	2022/ 2021	2021/ 2020	2022/ 2021
	per cent change					
EU27 total (from 2020)	11.7	31.4	4.3	11.0	10.3	27.4
Austria	8.6	24.6	4.0	10.9	7.0	19.5 ^P
Belgium	14.4	29.6	7.4	20.2	13.2	28.0
Bulgaria	11.5	31.9	1.1	7.3	10.7	30.4
Czechia	6.5	26.5	0.7	9.6	5.4	23.5
Denmark	7.3	26.1	1.1	7.9	6.3	23.6
Germany	9.5	30.1	3.7	11.8	7.9	25.2
Estonia	8.6	31.8	3.5	13.6	7.4	27.9
Ireland	9.2	35.2	3.4	9.4	8.1	30.6
Greece	8.5	26.7	1.9	8.9	7.3	23.8
Spain	14.1	32.6	4.8	10.2	12.9	29.9
France	10.1	25.8	5.9	9.7	9.0	21.8
Croatia	20.5	40.5	0.2	7.1	17.9	36.8
Italy	9.2	24.0	2.4	8.0	7.2	19.7
Cyprus	12.6	26.4	8.1	13.8	12.4	26.1
Latvia	6.5	53.3	6.4	16.0	6.5	44.2
Lithuania	20.2	71.2	14.2	6.1	18.4	51.8
Luxembourg	12.5	29.0	6.3	11.8	9.5	20.9
Hungary	18.7	49.8	8.0	14.6	17.1	44.8
Malta	8.4	13.1	2.6	15.0	7.5	13.4
Netherlands	19.1	40.6	3.4	9.6	15.5	34.1
Poland	13.0	38.3	5.9	15.3	12.7	37.4
Portugal	14.2	30.0	3.2	10.7	12.8	27.7
Romania	12.3	28.8	6.2	34.7	11.5	29.6
Slovenia	12.3	32.2	4.7	12.7	9.8	26.0
Slovakia	9.0	42.6	2.1	14.5	8.4	39.8
Finland	13.1	34.2	4.8	9.8	10.5	27.0
Sweden	10.1	32.4	6.1	13.2	9.2	27.9

^P Preliminary, provisional data.

Source: Eurostat

In Hungary, the agricultural input price index increased by

44.8%

at nominal value.

PRODUCER PRICE INDEX, NOMINAL VALUE

In Hungary, the
producer price index of
agricultural products
increased by

113.8%

compared to 2015.

Member states	2018	2019	2020	2021 ^(*)
	2015 = 100.0			
EU27 total (from 2020)	108.5	108.2	118.2	148.9
Austria	107.6	108.4	118.7	143.1 ^e
Belgium	116.5	112.5	124.1	156.5
Bulgária	97.3	105.5	126.8	166.0
Czechia	106.3	102.8	109.9	144.9
Denmark	105.5	106.6	109.4	131.7
Germany	111.6	107.8	117.5	156.2 ^p
Estonia	115.4	111.6	129.8	180.7
Ireland	103.2	103.9	116.4	147.1
Greece	100.1	99.0	109.5	125.7
Spain	98.6	98.8	107.7	134.0
France	108.0	108.6	118.4	142.8
Croatia	102.5	103.0	116.0	141.7
Italy	107.2	108.1	117.4	141.6
Cyprus	105.9	101.9	98.5	110.3
Latvia	119.3	116.9	137.2	182.8
Lithuania	112.0	110.4	127.7	186.2
Luxembourg	108.3	107.0	112.2	147.6
Hungary	109.7	118.0	141.6	213.8
Malta	109.7	108.7	111.6	123.2
Netherlands	108.7	103.1	112.8	137.7
Poland	126.0	125.3	136.0	189.3
Portugal	108.3	108.7	114.8	138.1
Romania	119.9	129.0	141.8	190.6
Slovenia	110.3	108.1	117.0	145.9
Slovakia	102.9	103.4	116.1	158.5
Finland	103.1	100.8	108.0	137.1 ^p
Sweden	120.0	118.6	129.9	163.9

^e Estimated data.

^p Preliminary, provisional data.

Source: Eurostat

PURCHASE PRICE INDEX OF AGRICULTURAL GOODS AND SERVICES, NOMINAL VALUE

Member states	2018	2019	2020	2021 ^(*)
	2015 = 100.0			
EU27 total (from 2020)	104.7	103.7	114.1	145.3
Austria	104.6	104.6	111.9	133.7 ^p
Belgium	107.9	106.3	120.3	154.0
Bulgária	103.9	100.9	111.7	145.7
Czechia	102.6	103.0	108.6	134.1
Denmark	104.3	103.8	110.4	136.5
Germany	105.6	105.5	113.8	142.5
Estonia	103.6	102.2	109.8	140.4
Ireland	104.8	102.6	110.9	144.8
Greece	102.8	99.9	107.2	132.8
Spain	101.7	99.3	112.1	145.6
France	103.9	102.3	111.5	135.8
Croatia	97.4	94.7	111.7	152.8
Italy	105.9	106.3	114.0	136.5
Cyprus	96.1	94.2	105.9	133.6
Latvia	104.4	103.5	110.2	158.9
Lithuania	94.1	93.0	110.0	167.0
Luxembourg	104.8	104.6	114.6	138.5
Hungary	107.3	108.5	127.0	183.9
Malta	102.7	103.6	111.3	126.2
Netherlands	103.3	101.8	117.6	157.7
Poland	107.1	106.1	119.6	164.2
Portugal	101.4	101.2	114.2	145.9
Romania	110.1	110.8	123.5	160.1
Slovenia	105.6	104.2	114.3	144.1
Slovakia	102.2	98.5	106.7	149.3
Finland	104.7	101.0	111.6	141.8
Sweden	111.8	108.9	118.9	152.0

^p Preliminary, provisional data.

Source: Eurostat

In Hungary, the purchase price index of agricultural goods and services rose by

83.9%

compared to 2015.

HUNGARY'S SHARE OF EU AGRICULTURAL OUTPUT

Hungary's share of EU agricultural output in 2022 was

2.0%

according to preliminary data.

Tagállam	2018	2019	2020	2021	2022 ⁽¹⁾
	százalék				
Cereals (including seeds)	5.0	4.8	4.9	4.4	3.5
Wheat	3.9	3.7	3.6	3.4	3.4
Sunflower	19.1	17.6	18.6	17.3	..
Oil seeds (including seeds)	9.9	10.0	9.6	9.0	6.8
Maize	10.7	10.5	11.2	8.4	5.2
Industrial crops	5.6	5.7	5.6	5.7	4.6
Rape seed	5.5	6.0	5.1	4.4	..
Crop output total	2.3	2.2	2.2	2.3	2.0
Animal output	1.9	1.9	1.8	1.9	1.8
Poultry	4.8	4.7	4.4	5.0	4.8
Pig	2.0	2.0	1.9	1.8	1.9
Sheep and goats	1.8	1.8	1.7	1.7	1.8
Cattle	1.1	1.2	1.2	1.1	1.0
Animal products	1.4	1.4	1.3	1.4	1.3
Milk	1.1	1.1	1.1	1.1	1.1
Eggs	2.0	2.1	1.9	1.9	1.8
Animals	2.3	2.3	2.2	2.3	2.3
Fresh fruit	1.5	1.7	1.5	1.5	1.4
Fresh vegetables	1.8	1.8	1.6	1.6	1.6
Wine	0.4	0.5	0.4	0.3	0.3
Agricultural output total	2.1	2.1	2.1	2.2	2.0

Forrás: Eurostat

