



Vegetable production in Bulgaria – harvest 2024

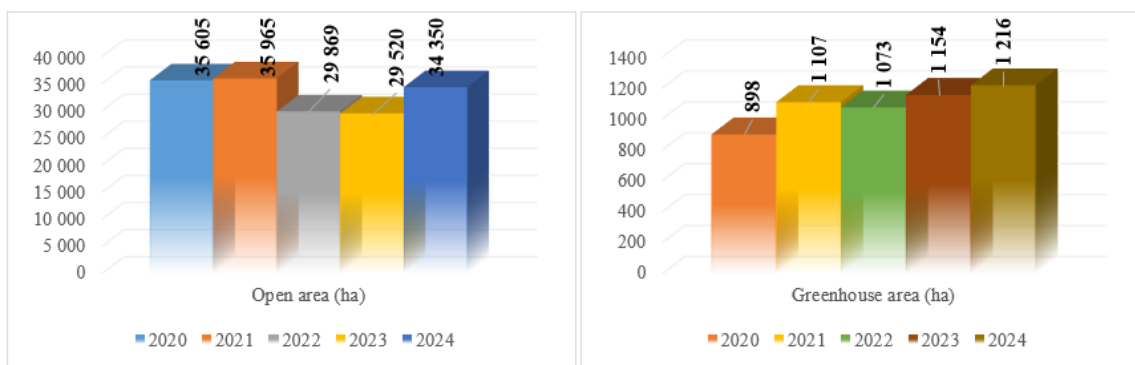
The main area for the production of vegetables in agricultural holdings is 35.6 thousand ha in 2023/2024 crop year. The open area under vegetables accounts to 34.3 thousand ha, of which 34 thousand ha harvested. The greenhouse area is 1 216 ha. The vegetable production – harvest 2024 amounts to 646 thousand tons, of which 110 thousand tons are greenhouse production. The largest production is tomatoes – 128 thousand tons, watermelons – 123 thousand tons, potatoes – 114 thousand tons, peppers – 57 thousand tons and cucumbers – 51 thousand tons. The production of cultivated mushrooms is 2 087 tons.

Table 1. Main area for vegetable production – harvest 2024

	Unit of measure	Main area
Open area under fresh vegetables, strawberries and potatoes	ha	34 350
Greenhouses of glass or other type of hard cover (polycarbonate, etc.)	ha	284
Greenhouses of plastic cover	ha	932
Total greenhouse area	ha	1 216
Total area	ha	35 566

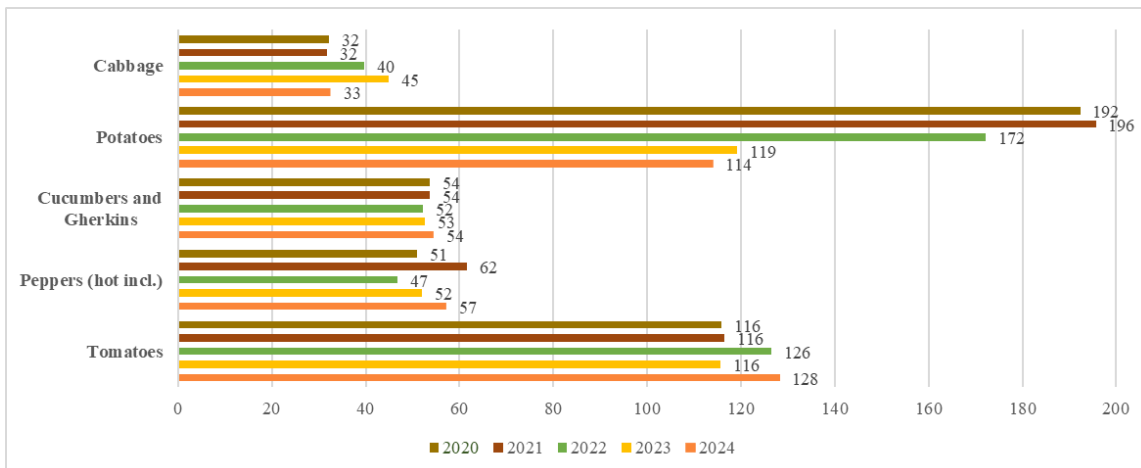
Source: Ministry of Agriculture and Food, Agrostistics Department - Vegetable production survey – harvest 2024

Figure 1. Main area under fresh vegetables, strawberries and potatoes by year



Source: Ministry of Agriculture and Food, Agrostistics Department - Vegetable production survey – harvest 2024

Figure 2. Production of main vegetables by year (thousand tons)



Source: Ministry of Agriculture and Food, Agrostistics Department - Vegetable production survey - harvest 2024

Table 2. Area, production and average yields of vegetables – harvest 2024

Type of vegetable	Open area, harvested	Greenhouse area, harvested	Open area, average yield	Production (tons)		
	(ha)	(ha)	(kg/ha)	Open area	Greenhouse production	TOTAL
Vegetables cultivated for fruit (melons incl.)	18 232	1 253	///	325 567	109 034	434 601
Tomatoes	2 912	653	24 411	71 086	57 058	128 144
Cucumbers	261	415	20 165	5 263	45 427	50 690
Gherkins	218	1	17 156	3 740	20	3 760
Eggplants	497	c	29 374	14 599	c	c
Courgettes and marrows	135	43	18 215	2 459	853	3 312
Gourds and pumpkins	1 303	-	9 356	12 191	-	12 191
Melons	4 095	c	9 176	37 575	c	c
Watermelons	5 330	-	23 064	122 930	-	122 930
Peppers (hot incl.)	2 697	139	19 133	51 602	5 567	57 169
Sweet corn	784	-	5 258	4 122	-	4 122
Fresh pulses	1 104	c	///	3 801	c	c
Fresh peas	877	-	2 152	1 887	-	1 887
Fresh beans	227	c	8 432	1 914	c	c
Brassicas	1 758	-	///	33 274	-	33 274
Cabbage	1 684	-	19 312	32 522	-	32 522
Cauliflower	45	-	11 178	503	-	503
Broccoli	27	-	8 185	221	-	221
Other brassicas n.e.c.	2	-	///	28	-	28
Leafy and stalked vegetables (brassicas excl.)	624	14	///	5 426	219	5 645
Salads and lettuces	102	12	16 324	1 665	173	1 838
Spinach	95	c	6 168	586	c	c
Leek	140	-	11 079	1 551	-	1 551
Onion - green	77	1	8 273	637	36	673
Other leafy or stalked vegetables (artichoke, asparagus, savory, fennel, parsley, celery, garlic - green, etc.)	210	c	///	987	c	c
Root, tuber and bulb vegetables	4 172	c	///	48 306	c	c
Onion	3 069	-	11 670	35 816	-	35 816
Carrots	661	-	15 425	10 196	-	10 196
Garlic	273	-	2 861	781	-	781
Other root, tuber and bulb vegetables (salad beet, onion seed, turnips, radishes, celery, etc.)	169	c	///	1 513	c	c
Other vegetables (okra, etc.)	665	-	///	1 387	-	1 387
Potatoes	6 770	-	16 829	113 935	-	113 935
Strawberries	645	65	6 178	3 985	742	4 727
Total:	33 970	1 332	///	535 681	109 997	645 678

Source: Ministry of Agriculture and Food, Agrostatics Department – Vegetable production survey – harvest 2024

Table 3. Area, production and average yields of vegetables at NUTS2 – harvest 2024

Statistical zones & statistical regions	Tomatoes	Peppers (hot incl.)	Cucumbers and gherkins	Eggplants*	Watermelons and melons*
<i>Open area, harvested (ha)</i>					
Bulgaria	2 912	2 697	479	497	9 425
Severna i Yugoiztochna Bulgaria	837	851	346	67	4 651
Severozapaden	251	206	18	24	507
Severen tsentralen	153	60	175	5	683
Severoiztochen	155	447	18	11	2 611
Yugoiztochen	278	138	135	27	850
Yugozapadna i Yuzhna tsentralna Bulgaria	2075	1 846	133	430	4 774
Yugozapaden	174	194	24	47	275
Yuzhen tsentralen	1901	1 652	109	383	4 499
<i>Production, open and greenhouse area (tonnes)</i>					
Bulgaria	128 144	57 169	54 450	14599	160 505
Severna i Yugoiztochna Bulgaria	24 481	14 706	17 884	1370	89 613
Severozapaden	5 970	3 150	2 820	487	8 962
Severen tsentralen	5 090	836	3 799	96	12 294
Severoiztochen	4 160	6 665	2 408	196	50 560
Yugoiztochen	9 261	4 055	8 857	591	17 797
Yugozapadna i Yuzhna tsentralna Bulgaria	103 663	42 463	36 566	13 229	70 892
Yugozapaden	32 981	5 542	21 440	1 132	5 361
Yuzhen tsentralen	70 682	36 921	15 126	12 097	65 531
<i>Average yields, open area (kg/ha)</i>					
Bulgaria	24 411	19 133	18 795	29 374	17 030
Severna i Yugoiztochna Bulgaria	18 114	16 035	16 176	20 448	19 267
Severozapaden	17 673	14 757	11 444	20 292	17 677
Severen tsentralen	12 111	10 050	10 034	19 200	18 000
Severoiztochen	19 045	14 602	13 278	17 818	19 364
Yugoiztochen	21 295	25 188	25 269	21 889	20 938
Yugozapadna i Yuzhna tsentralna Bulgaria	26 952	20 561	25 425	30 765	14 850
Yugozapaden	21 402	18 196	17 960	24 085	19 495
Yuzhen tsentralen	27 460	20 839	27 138	31 585	14 566
Statistical zones & statistical regions	Potatoes	Cabbage	Onion	Strawberries	
<i>Open area, harvested (ha)</i>					
Bulgaria	6 770	1 684	3 069	645	
Severna i Yugoiztochna Bulgaria	776	493	2 205	305	
Severozapaden	257	49	519	64	
Severen tsentralen	116	108	167	124	
Severoiztochen	198	93	169	97	
Yugoiztochen	205	243	1 350	20	
Yugozapadna i Yuzhna tsentralna Bulgaria	5 994	1 191	864	340	
Yugozapaden	4 134	351	113	42	
Yuzhen tsentralen	1 860	840	751	298	
<i>Production, open and greenhouse area (tonnes)</i>					
Bulgaria	113 935	32 522	35 816	4 727	
Severna i Yugoiztochna Bulgaria	11 665	9 401	26 506	1 954	
Severozapaden	4 270	958	7 323	380	
Severen tsentralen	2 003	2 780	1 548	910	
Severoiztochen	2 346	1 720	1 499	541	
Yugoiztochen	3 046	3 943	16 136	123	
Yugozapadna i Yuzhna tsentralna Bulgaria	102 270	23 121	9 310	2 773	
Yugozapaden	79 216	7 104	699	353	
Yuzhen tsentralen	23 054	16 017	8 611	2 420	
<i>Average yields, open area (kg/ha)</i>					
Bulgaria	16 829	19 312	11 670	6 178	
Severna i Yugoiztochna Bulgaria	15 032	19 069	12 021	5 770	
Severozapaden	16 615	19 551	14 110	5 891	
Severen tsentralen	17 267	25 741	9 269	6 524	
Severoiztochen	11 848	18 495	8 870	4 856	
Yugoiztochen	14 859	16 226	11 953	5 150	
Yugozapadna i Yuzhna tsentralna Bulgaria	17 062	19 413	10 775	6 547	
Yugozapaden	19 162	20 239	6 186	5 690	
Yuzhen tsentralen	12 395	19 068	11 466	6 668	

* The eggplants and of melons production – open area.

Source: Ministry of Agriculture and Food, Agrostistics Department - Vegetable production survey - harvest 2024

Table 4. Total production (open & greenhouse area)

Type of vegetable	Harvest 2023 (tonnes)	Harvest 2024 (tonnes)	Change 2024/2023 %
Tomatoes	115 650	128 144	11%
Peppers (hot incl.)	52 005	57 169	10%
Cucumbers and gherkins*	52 514	54 450	4%
Potatoes	119 239	113 935	-4%
Cabbage	44 963	32 522	-28%
Onion	38 956	35 816	-8%
Strawberries	5 206	4 727	-9%

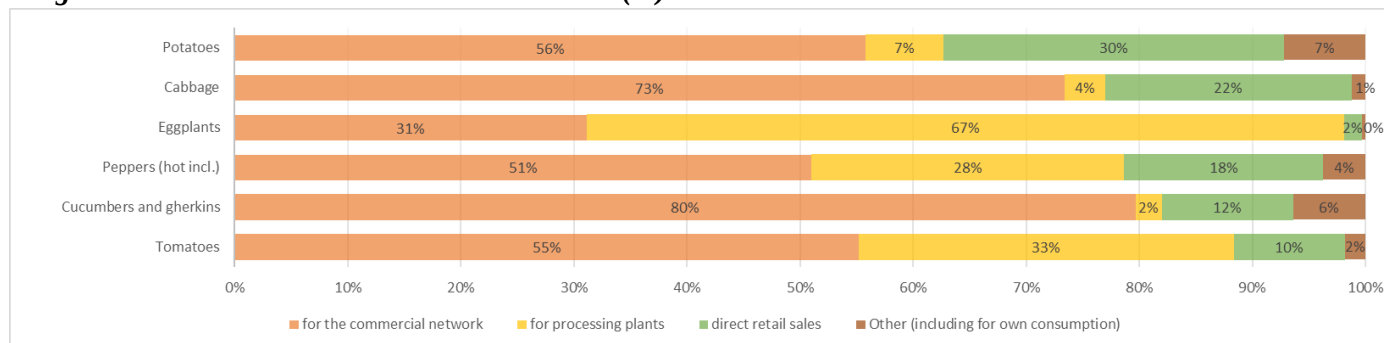
* For the harvest 2023, the gherkins production – open area.

Source: Ministry of Agriculture and Food, Agrostistics Department – Vegetable production survey - harvest 2024

Table 5. Average yields, open area

Type of vegetable	Harvest 2023 (kg/ha)	Harvest 2024 (kg/ha)	Change 2024/2023 %
Tomatoes	23 440	24 411	4%
Peppers (hot incl.)	19 512	19 133	-2%
Eggplants	28 308	29 374	4%
Cucumbers and gherkins	17 668	18 795	6%
Watermelons and melons	16 843	17 030	1%
Potatoes	16 973	16 829	-1%
Cabbage	24 344	19 312	-21%
Onion	12 916	11 670	-10%
Strawberries	5 877	6 178	5%

95% of the production of fresh vegetables, strawberries, potatoes and mushrooms are distributed on the market. The remaining quantities are in stock or reported as farm losses.

Figure 3. Production distribution – harvest 2024 (%)

Source: Ministry of Agriculture and Food, Agrostistics Department – Vegetable production survey – harvest 2024

Methodological notes

The *Vegetable Production Survey – harvest 2024* is conducted by the Agrostistics Department at the Ministry of Agriculture and Food in accordance with the requirements of Regulation (EC) No. 543/2009 of the European Parliament and of the Council and Commission Delegated Regulation (EU) 2015/1557 concerning crop statistics. National characteristics and additional information needs are accounted for.

The survey is conducted in the period from 01.11.2024 to 03.02.2025.

The survey purpose: To provide statistical information on the production of fresh vegetables grown outdoors and in greenhouses. To establish the harvested area by types of vegetables, production and average yields - harvest 2024.

Survey method: The observed farms are determined by random stratified sampling. A threshold is applied above which all units are exhaustively observed.

Method of conduct: The survey is organized by the Agrostistics Department at the Ministry of Agriculture and Food, and implemented by experts in Agrostistics from the Regional Directorates Agriculture and employees in the municipal agricultural services.

Geographic scope – the survey covers the territory of the entire country.

Reference period – harvest 2024.

Questionnaire – includes administrative information for holding identification and questions on open and greenhouse area under vegetables, production from open area and from greenhouses, vegetable sales.

Confidentiality – in order to ensure the confidentiality of individual data, some indicators are published in aggregated positions or replaced by "c" (confidential data). These are the cases when:

- There are less than 3 holdings in the considered category;
- One of the holdings in the considered category covers more than 85% of the activity in this category.

Accessibility of statistical information - the results of the surveys conducted by the Agrostistics Department are published on the Ministry of Agriculture and Food website.

The information is provided to Eurostat and published in the NSI statistical yearbook and statistical directory.

The statistical regions cited in the publication are in accordance with the requirements of the general classification of territorial units for statistical purposes applied in the European Union (NUTS) according to Regulation (EU) № 31/2011. Statistical regions, on second (NUTS 2) level, are as follows:

Severozapaden: Vidin, Vratsa, Montana, Lovech, Pleven;

Severen tsentralen: Veliko Tarnovo, Gabrovo, Ruse, Silistra, Razgrad;

Severoiztochen: Varna, Dobrich, Targovishte, Shoumen;

Yugoiztochen: Burgas, Sliven, Stara Zagora, Yambol;

Yugozapaden: Blagoevgrad, Kyustendil, Pernik, Sofia-cap., Sofia region;

Yuzhen tsentralen: Kardzhali, Pazardzhik, Plovdiv, Smolyan, Haskovo.

The publication is editorially completed on 28.03.2025

Preprint and editing: MAF, Agrostistics Department

For more information: MAF, Agrostistics Department

Tel.: 02/985 11 848; E-mail: agrostat@mzh.government.bg

MAF website - <http://www.mzh.government.bg/en>