

# Socio-economic situation of Mazowieckie Voivodship in December 2019

29th January 2020  
No. 12/2019

- In December this year, the average employment in the enterprise sector was higher than a year before (by 2.3%). The registered unemployment rate amounted to 4.4% and decreased on a yearly basis, but increased on a monthly basis.
- Average monthly gross wages and salaries in the enterprise sector in December this year were higher than in the previous year (by 5.2%).
- On the agricultural market in December this year, the procurement prices of wheat, rye and milk were lower than in the previous year. However, the average procurement prices of potatoes and animals for slaughter were higher. On a monthly basis, the prices of most products were higher (less was paid only for rye).
- In December this year, sold production of industry increased in annual terms (by 6.4%, at constant prices). Construction and assembly production was higher than a year before (by 0.8%, at current prices).
- The number of dwellings completed in December 2019 was lower than a year before by 27.5%. Most of the dwellings were built for sale or rent.
- In December 2019, there was an increase in retail sales in annual terms (by 11.2%). The wholesale was also higher than a year before (by 3.2%).

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## General notes

Data presented in the news release:

- on employment, wages and salaries and sold production of industry and construction, construction and assembly production, as well as retail sales and wholesale concern economic entities employing more than 9 persons,
- on enterprise sector refer to entities conducting economic activity in the field of: forestry and logging; maritime fishing; mining and quarrying; manufacturing; electricity, gas, steam and air conditioning supply; water supply; sewerage, waste management and remediation activities; construction; wholesale and retail trade; repair of motor vehicles and motorcycles; transportation and storage; accommodation and food service activities; information and communication; real estate activities; legal and accounting activities; activities of head offices; management consultancy activities; architectural and engineering activities; technical testing and analysis; advertising and market research; other professional, scientific and technical activities; arts, entertainment and recreation; repair of computers and personal and household goods; other personal service activities,
- on retail prices of foodstuffs and non-foodstuffs as well as services that originate from quotations of prices conducted by interviewers at selected points of sale in selected regions of price surveys; prices of food are collected once a month, with the exception of fruit and vegetables, for which prices are collected twice a month,
- on procurement of agricultural products include procurement from producers from the voivodship; prices are given excluding VAT tax,
- on financial results of enterprises and investment outlays refer to economic entities keeping accounting ledgers (excluding entities whose activity is classified according to the NACE Rev. 2 in the sections "Agriculture, forestry and fishing" and "Financial and insurance activities" as well as higher education institutions) in which the number of employed persons exceeds 49.

Data in value terms are provided at current prices and form the basis for calculating the structure indicators. Dynamic indices are provided on the basis of value at current prices, except for industry, for which the dynamic indices are provided on the basis of value at constant prices (average current prices of 2015).

Relative numbers (indices, percentages) were calculated on the basis of absolute data expressed with higher precision than that presented in the text and tables.

Data have been presented in accordance with the Polish Classification of Activities – PKD 2007 (NACE Rev. 2).

## Polish Classification of Activities 2007 – PKD 2007 (NACE Rev. 2)

Abbreviation	Full name
<b>sections</b>	
trade; repair of motor vehicles	wholesale and retail trade; repair of motor vehicles and motorcycles
accommodation and catering	accommodation and food service activities
<b>divisions</b>	
manufacture of metal products	manufacture of fabricated metal products, except machinery and equipment

## Symbols

Symbol	Description
(–)	– magnitude zero
(.)	– data not available or not reliable
(x)	– not applicable
(*)	– data revised
(Δ)	– categories of applied classification are presented in abbreviated form

Data describing Mazowieckie Voivodship can also be found in statistical publications issued by the Statistical Office in Warszawa and in the publications of Statistics Poland.

**The report „Economic situation in Mazowieckie Voivodship in January 2020” will be published on the home page of the Statistical Office in Warszawa: <https://warszawa.stat.gov.pl/en> on 30th December 2019.**

When publishing Statistical Office data – please indicate the source.

## Labour market

**In December this year, a higher year-on-year increase was recorded in employment in the enterprise sector compared to the previous month. The registered unemployment rate decreased on a yearly basis and increased on a monthly basis.**

**Average employment in the enterprise sector** in November this year amounted to 1541,1 thousand persons and was by 2.3% higher than a year before (in the previous month there was a 2.2% increase). Employment growth was recorded in, among others, professional, scientific and technical activities (by 5.7%), accommodation and catering (by 5.0%), real estate activities and trade; repair of motor vehicles (by 4.2% each). A decrease was recorded in electricity, gas, steam and air conditioning supply (by 26.2%) and information and communication (by 2.1%).

**Table 1. Average employment in the enterprise sector in December 2019**

SPECIFICATION	XII 2019		I–XII 2019	
	in thousands	XII 2018=100	in thousands	I–XII 2018=100
<b>TOTAL</b>	<b>1541,1</b>	<b>102,3</b>	<b>1529,9</b>	<b>102,0</b>
of which:				
Industry	383,0	100,3	380,6	100,3
of which:				
manufacturing	336,1	102,7	334,0	103,0
electricity, gas, steam and air conditioning supply	25,8	73,8	25,7	72,2
Construction	88,9	100,6	90,0	100,0
Trade; repair of motor vehicles <sup>a</sup>	351,2	104,2	348,5	104,5
Transportation and storage	276,4	103,4	273,7	103,7
Accommodation and catering <sup>a</sup>	34,7	105,0	34,8	101,5
Information and communication	114,4	97,9	113,9	98,4
Real estate activities	23,8	104,2	23,5	103,6
Professional, scientific and technical activities <sup>a</sup>	95,5	105,7	94,5	107,0
Administrative and support service activities	140,0	101,6	138,0	98,1

<sup>a</sup> Excluding divisions: Research and experimental development work and Veterinary activities.

In January–December 2019, the average employment in the enterprise sector amounted to 1529.9 thousand persons and was by 2.0% higher than in the corresponding period of 2018 (in the previous year higher by 3.6%).

**Chart 1. Average employment in the enterprise sector (monthly average 2015=100)**

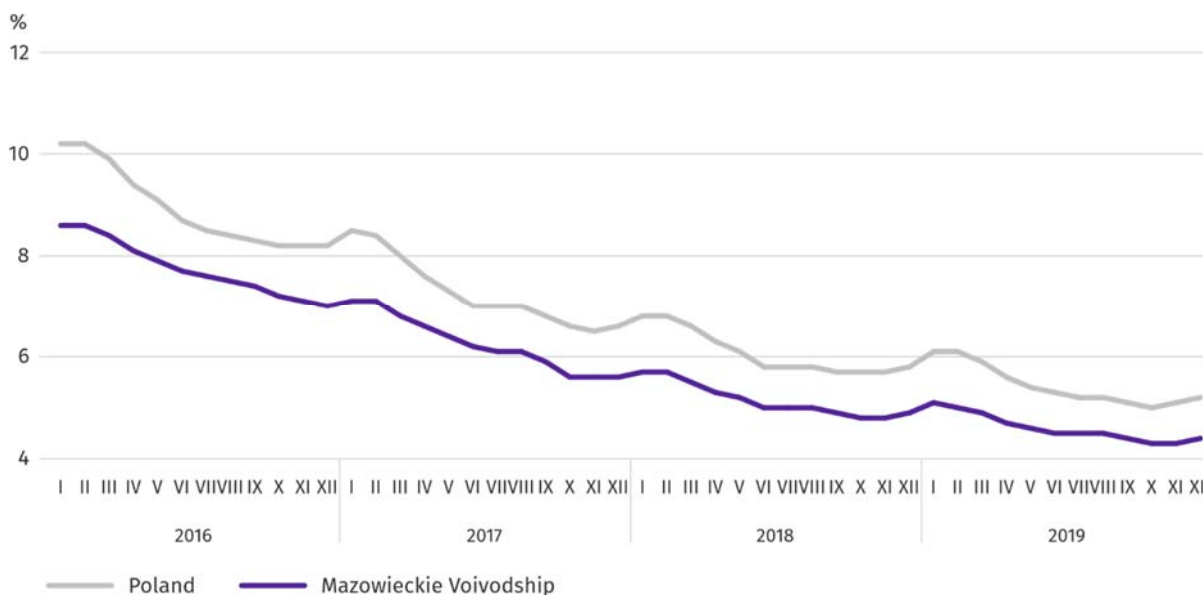


At the end of December this year, the **number of unemployed persons registered** in labour offices amounted to 123.2 thousand persons and increased on a monthly basis by 1.3 thousand persons (i.e. by 1.1%), and compared to December last year it decreased by 13.3 thousand persons (i.e. by 9.8%). Women accounted for 51.6% of total registered unemployed persons (a year before 52.1%).

**Table 2. Number of unemployed persons and unemployment rate**

SPECIFICATION	2018	2019	
	XII	XI	XII
Registered unemployed persons (as of end of month) in thousands	136,5	121,9	123,2
Newly registered unemployed persons (during a month) in thousands	16,0	14,5	13,7
Unemployed persons removed from unemployment rolls (during a month) in thousands	14,2	13,5	12,4
Registered unemployment rate (as of end of month) in %	4,9	4,3	4,4

**Chart 2. Registered unemployment rate (as of end of month)**

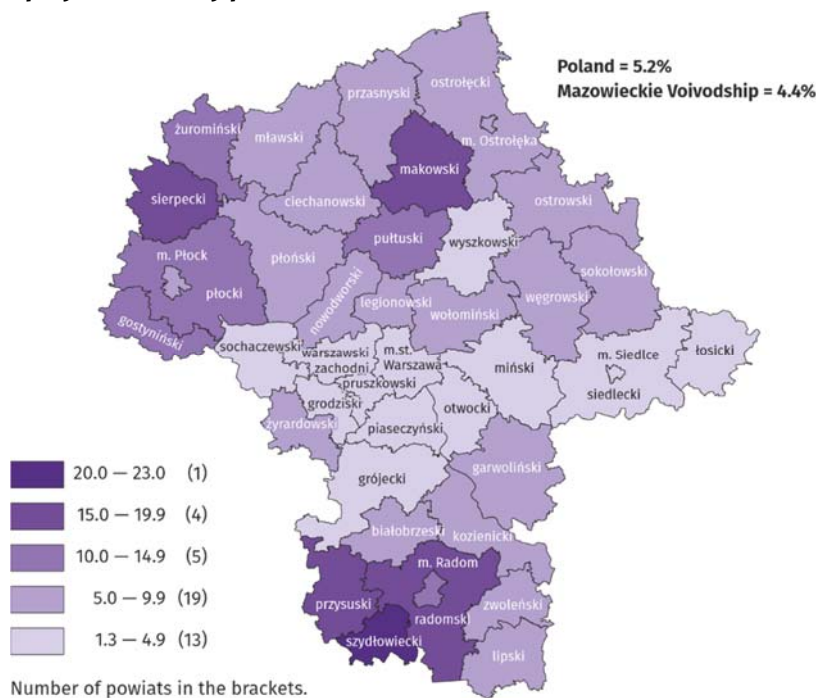


**Registered unemployment rate** at the end of December this year amounted to 4.4% and was lower than the national average (5.2%). It decreased by 0.5 pp on a yearly basis, and increased by 0.1 pp on a monthly basis.

The territorial differentiation of the unemployment rate continued in the voivodship. Powiats with the highest unemployment rate were szydłowiecki (23.0% compared to 24.3% in December 2018), przysuski (17.7% compared to 18.4%) and radomski (16.4% compared to 17.4%), and with the lowest – m.st. Warszawa (1.3% compared to 1.5%), warszawski zachodni (1.6% compared to 2.0%) and grójecki (2.0% compared to 2.1%).

Compared to December 2019, the unemployment rate decreased in all powiats. The largest decrease was recorded in the powiats: gostyniński (by 2.6 pp), sierpecki (by 1.6 pp) and łosicki and płocki (by 1.4 pp each), while the smallest in the powiats: grójecki, lipiński and mławski (by 0.1 pp each) and m.st. Warszawa, białobrzegi and sokołowski (by 0.2 pp each).

**Map 1. Registered unemployment rate by powiats in 2019 (as of end of December)**



In December this year, 13.7 thousand unemployed persons were **registered in labour offices**, i.e. less by 5.7% than a month before and by 14.2% than a year before. Among the newly registered, 85.4% were persons registered once again (86.6% a year before). The share of persons previously not employed amounted to 14.8% (a decrease by 1.1 pp on a yearly basis), persons terminated due to company reasons 4.3% (a 1.0 pp increase). Out of newly registered unemployed persons, 45.7% were rural residents (a decrease by 1.5 pp). Graduates accounted for 6.9% of newly registered unemployed persons (a 0.2 pp drop).

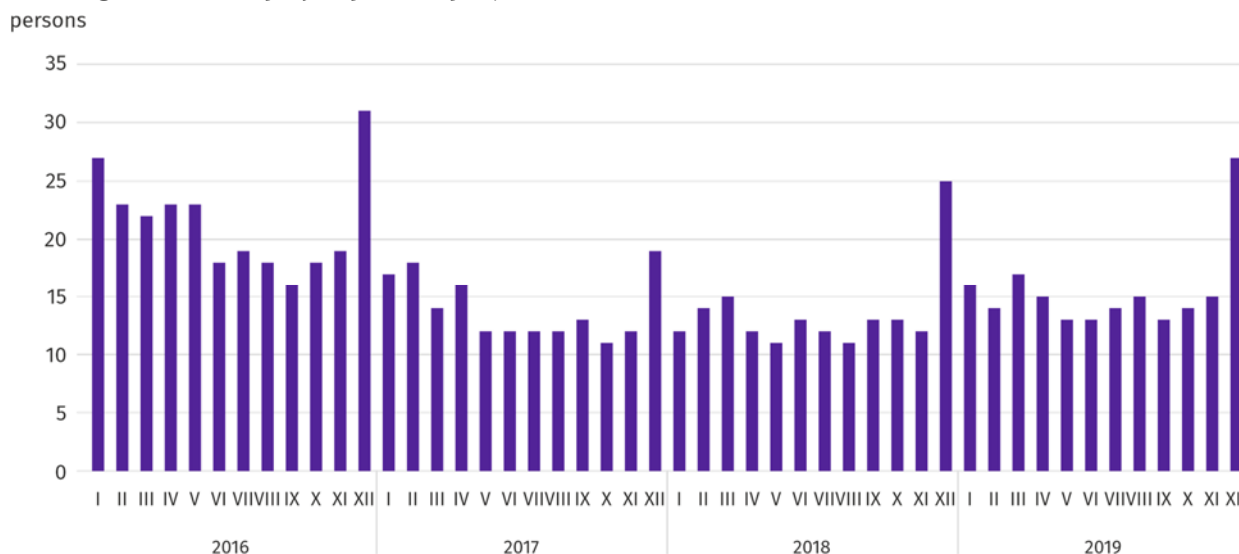
In December this year, 12.4 thousand persons were **removed from unemployment rolls**, i.e. less by 8.7% than a month before and by 13.2% less than a year before. 6.9 thousand persons (8.3 thousand a year before) were removed from unemployment rolls due to undertaking employment. The share of this category of persons in the total number of persons removed from unemployment rolls decreased by 2.5 pp on a yearly basis and amounted to 56.1%. The percentage of persons who started training or traineeship with employer decreased as well (by 0.2 pp to 1.9%). However, there was an increase in the percentage of persons who lost their status of the unemployed as a result of not confirming readiness to take up work (by 2.4 pp to 25.2%) as well as persons who voluntarily gave up their status of the unemployed (by 0.6 pp to 5.1%). The share of persons who obtained retirement or pension rights did not change and amounted to 0.5%.

At the end of December 2019, 102.1 thousand unemployed persons were not entitled to the unemployment benefit, and their share in the total number of the registered unemployed was 82.9% (a 0.9 pp decrease in annual terms).

At the end of the surveyed month, 64.7 thousand, i.e. 52.5% out of registered unemployed persons were the long-term unemployed<sup>1</sup>. The number of unemployed persons under the age of 30 amounted to 29.3 thousand, which accounted for 23.8% of the total unemployed (of which persons under the age of 25 constituted 11.3%). Persons aged over 50 amounted to 34.3 thousand (27.9%). 1.3 thousand of unemployed persons, i.e. 1.1% of their total number received social assistance benefits. There were 21.9 thousand persons (i.e. 17.8% of the total unemployed) had at least one child under the age of 6, and persons with a disabled child aged under 18 – 273 persons (0.2% respectively). The number of disabled unemployed persons amounted to 6.4 thousand (i.e. 5.2%).

<sup>1</sup> Long-term unemployed include persons remaining in the register rolls of the powiat labour office for the whole period of over 12 months during the last 2 years, excluding periods of traineeship and occupational preparation at the workplace.

**Chart 3. Registered unemployed persons per job offer (as of end of month)**



In November this year, 10.3 thousand **job offers**<sup>2</sup>, i.e. less than a month before (by 14.8%) and a year before (by 0.5%) were submitted to labour offices. At the end of month, there were 27 unemployed persons (25 in the previous year) per job offer.

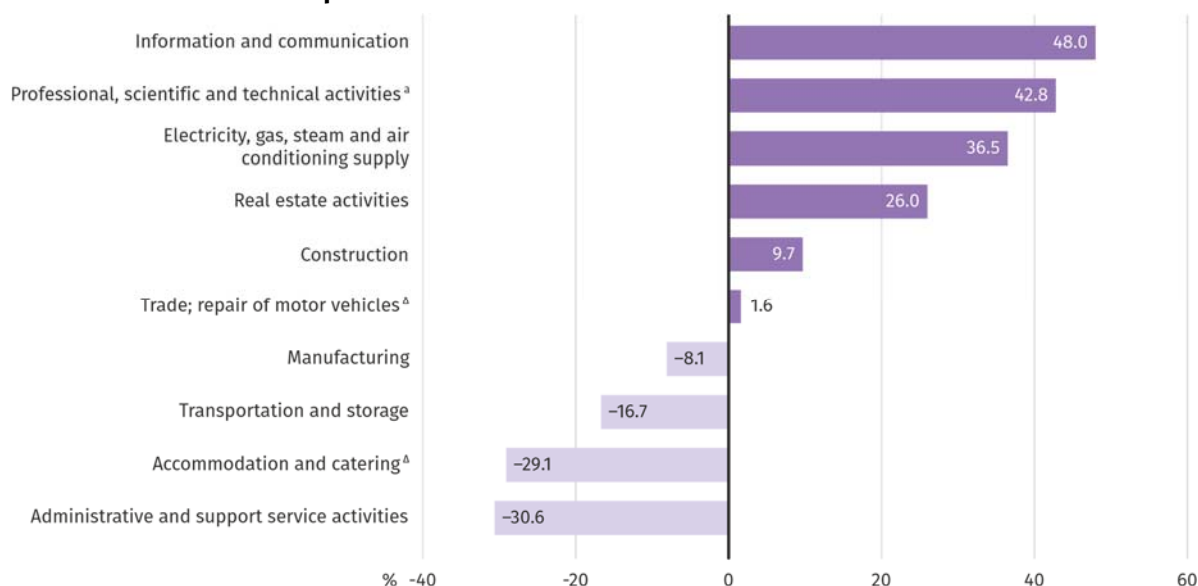
According to the labour offices, as of the end of December 2019, 41 companies announced termination of 11.3 thousand employees in the near future (a year before, respectively 42 companies – 10.8 thousand employees).

## Wages and salaries

**In December this year, the average monthly gross wages and salaries in the enterprise sector grew faster on a yearly basis than a month before.**

**Average monthly gross wages and salaries in the enterprise sector** in December 2019 amounted to PLN 6402.10 and were by 5.2% higher than a year before (in the previous month the increase was 4.5%). Average wages and salaries increased, among others, in electricity, gas, steam and air conditioning supply (by 17.6%), construction (by 10.1%) as well as administrative and support service activities (by 8.6%),.

**Chart 4. Relative deviations of average monthly gross wages and salaries in selected sections from average wages and salaries in the enterprise sector in December 2019**



<sup>a</sup> Does not include divisions: Research and experimental development work and Veterinary activities.

<sup>2</sup> Refers to vacancies and places of occupational activation.

In December 2019, the highest average monthly gross wages and salaries were noted in the information and communication section – it exceeded the average wages and salaries in the enterprise sector in the voivodship by 48.0%.

**Table 3. Average monthly gross wages and salaries in the enterprise sector in December 2019**

SPECIFICATION	XII 2019		I–XII 2019	
	in PLN	XII 2018=100	in PLN	I–XII 2018=100
<b>TOTAL</b>	<b>6402,10</b>	<b>105,2</b>	<b>6095,17</b>	<b>105,2</b>
of which:				
Industry	6072,06	106,9	5792,12	105,4
of which:				
manufacturing	5886,34	106,8	5594,97	106,5
electricity, gas, steam and air conditioning supply	8739,84	117,6	8655,78	109,6
Construction	7025,44	110,1	6599,94	106,8
Trade; repair of motor vehicles <sup>Δ</sup>	6507,05	103,2	6156,28	104,7
Transportation and storage	5330,78	103,2	5153,90	105,1
Accommodation and catering <sup>Δ</sup>	4538,12	103,2	4438,67	106,5
Information and communication	9473,99	103,3	9329,86	102,0
Real estate activities	8064,78	107,2	6947,33	105,6
Professional, scientific and technical activities <sup>a</sup>	9142,89	106,7	8632,48	103,3
Administrative and support service activities	4444,00	108,6	4277,76	111,1

a Does not include divisions: Research and experimental development work and Veterinary activities.

In January–December 2019, the average monthly gross wages and salaries in the enterprise sector amounted to PLN 6095.17 and were by 5.2% higher than in the corresponding period of 2018 (higher by 6.8% a year before).

**Chart 5. Average monthly gross wages and salaries in the enterprise sector (monthly average 2015=100)**

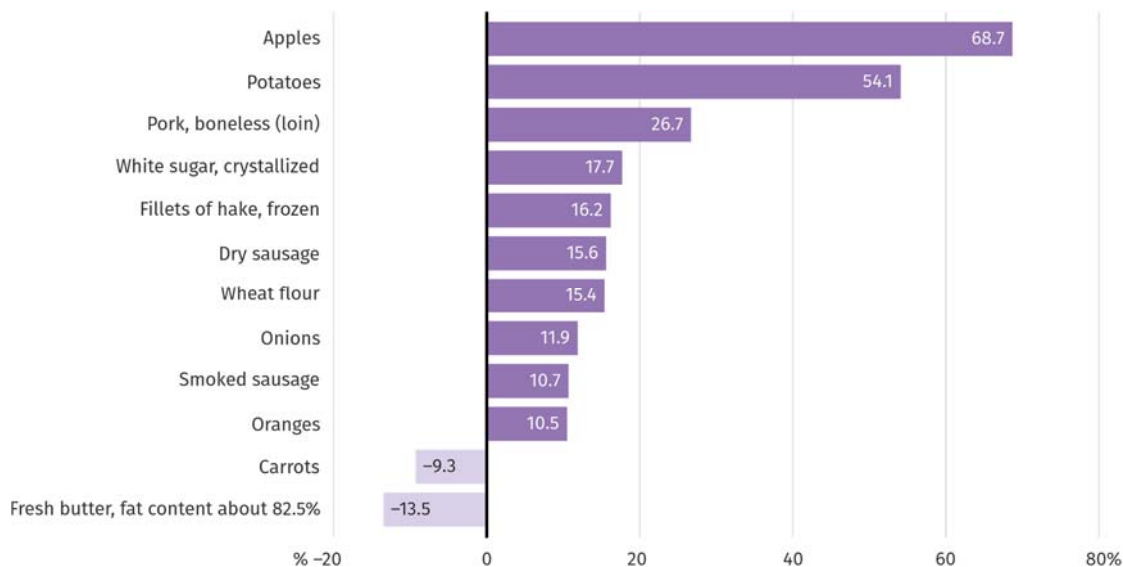




## Retail prices

In December 2019, retail prices of most selected consumer goods and services were higher than in the previous year.

**Chart 6. Changes in retail prices of selected food products in December 2019 (increase/decrease compared to the corresponding period of the previous year)**



Compared to December 2018, among surveyed goods in the „bread and cereals” group, wheat flour increased the most – by 15.4%; there was also an increase in the price of wheat roll – by 7.0%, wheat-rye bread – by 6.9% and rice – by 6.0%. The price of pearl-barley groats did not change.

In the surveyed month, the price of boneless pork (loin) increased by 26.7% on a yearly basis; the price of disembowelled chickens was also higher – by 6.5% as well as boneless beef (gammon) – by 3.3%, whereas the prices of bone-in beef (roast beef) were lower – by 2.8% as well as compared to the previous year.

In the group of surveyed processed meat, there was an increase in the price of dry sausage by 15.6%, smoked sausage – by 10.7% and pork ham boiled – by 8.6%.

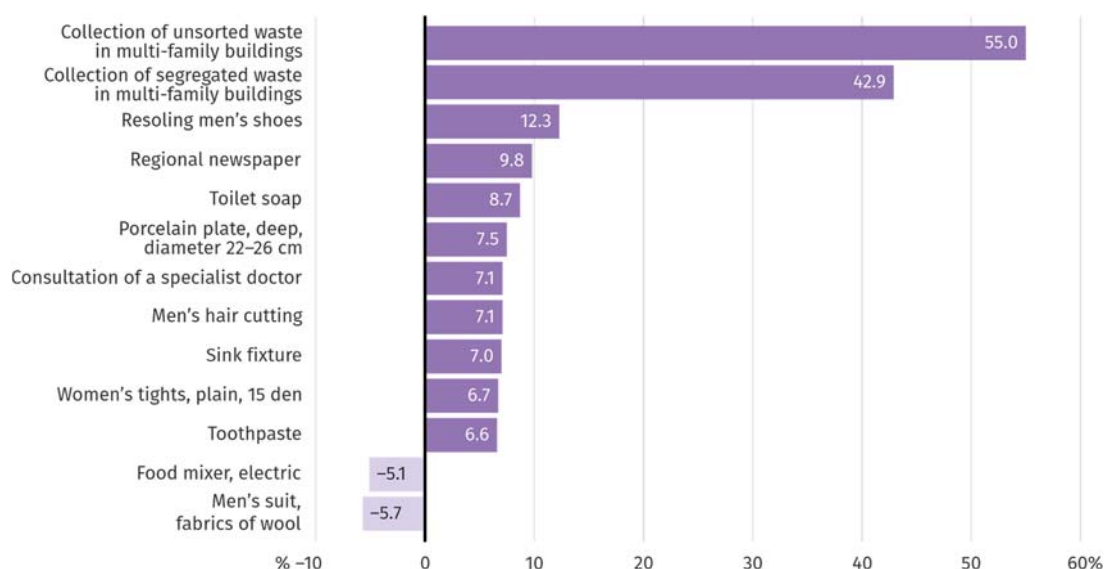
Compared to December 2018, the price of frozen fillets of hake was higher by 16.2%, and fresh carp – by 1.5%.

Among the articles in the „milk, cheese and eggs” group, the highest price increase in annual terms was noted for ripening cheese (by 6.3%), in addition, more expensive were: semi-fat cottage cheese (by 4.2%), cows’ milk, fat content 3–3.5%, sterilized (by 2.8%) and fat content 2–2.5% (by 2.7%) as well as sour cream, fat content 18% (by 2.3%).

In the group „oils and fats” the prices of margarine (by 1.6%) and rape-oil, domestic production (by 1.4%) were higher than in December 2018. A drop in price was recorded for fresh butter, fat content about 82.5% (by 13.5%).

In December 2019, among surveyed articles in the „fruit and vegetables” group, the prices of apple increased the most – by 68.7%, and in addition potatoes – by 54.1, onions – by 11.9%, oranges and lemons – by 10.5% and 10.4%, respectively. Less than in the previous year was paid for carrots – by 9.3%.

**Chart 7. Changes in retail prices of selected non-food products and consumer services in December 2019 (increase/decrease compared to the corresponding period of previous year)**



Among selected articles and services related to the use of a dwelling compared to December 2019, the fees for distribution of unsorted and segregated waste in multi-family buildings increased the most (by 55.0% and 42.9%, respectively); more was also paid for cold water by municipal water supply (by 1.9%), and hot water (by 1.5%). Fees for central heating of dwellings and price of hard coal were lower than in the previous year (by 3.4% and 1.8% respectively).

In December this year, among selected goods and services in the field of transportation, the price of a taxi daily fare increased (by 2.0%); the price of unleaded 95 octane motor petrol was slightly higher (by 0.6%), but the price of diesel oil was lower (by 2.3%).

## Agriculture

**On the agricultural market in December 2019, the average procurement prices of most cereals and milk were lower than in the previous year. Whereas the prices of potatoes and animals for slaughter were higher. On a monthly basis, more was paid for both plant and animal products (except for rye grain).**

The average air temperature in Mazowieckie Voivodship in December 2019 amounted to 3.0°C and was by 3.6°C higher from the average from the years 1971–2000, while the maximum temperature reached 13.6°C (in Koźienice), and the minimum amounted to -6.6°C (in Warszawa). The average atmospheric precipitation (32 mm) accounted for 91% of the standard for the multi-year periods (ranging from 17% in Płock to 156% in Koźienice)<sup>3</sup>. The number of days with precipitation, depending on the region, ranged from 12 to 15.

**Table 4. Procurement of cereals<sup>a</sup>**

SPECIFICATION	VII–XII 2019		XII 2019		
	in thousand tonnes	corresponding period of previous year=100	in thousand tonnes	XII 2018=100	XI 2019=100
Grain of basic cereals <sup>b</sup>	242,3	111,6	25,8	107,2	94,9
of which:					
wheat	159,6	104,8	19,8	101,3	94,1
rye	48,1	151,1	3,2	151,8	112,7

<sup>a</sup> Excluding procurement carried out by natural persons. <sup>b</sup> Includes: wheat, rye, barley, oats, triticale; including cereal mixed, excluding sowing seed.

<sup>3</sup> The average values of temperature and precipitation were calculated as arithmetic averages of the average monthly values from five hydrological and meteorological stations of the Institute of Meteorology and Water Management located in Koźienice, Mława, Płock, Siedlce and Warszawa.

Deliveries of **basic cereals** (including cereal mixed, excluding sowing seed) to procurement from this year's production in July–December 2019, were by 11.6% higher than in the corresponding period of 2018. In December 2019, procurement of cereals was smaller than in the previous month (by 5.1%), and larger than in a previous year (by 7.2%).

**Table 5. Procurement of basic animal products <sup>a</sup>**

SPECIFICATION	I–XII 2019		XII 2019		
	in thousand tonnes	I–XII 2018=100	in thousand tonnes	XII 2018=100	XI 2019=100
Animals for slaughter <sup>b</sup>	1006,5	102,3	79,4	97,2	93,6
of which:					
cattle (including calves)	47,3	78,8	3,1	127,9	95,8
pigs	202,1	104,2	16,8	66,7	102,7
poultry	755,8	103,8	59,5	110,0	91,1
Milk <sup>c</sup>	2579,9	101,2	212,2	100,5	106,1

<sup>a</sup> In the period of July–December excluding procurement carried out by natural persons. <sup>b</sup> Including cattle, calves, pigs, sheep, horses and poultry; in terms of meat including fats in post-slaughter warm weight. <sup>c</sup> In million litres.

During 2019, deliveries of **animals for slaughter** (in post-slaughter warm weight) were by 2.3% larger than in 2018. In December 2019, the total procurement of animals for slaughter, as a result of the increase in the voivodship supply of cattle and poultry for slaughter, decreased by 6.4% compared to previous month. On the other hand, the drop in procurement in annual terms (by 2.8%) was the result of significantly lower supplies of pigs for slaughter (by 33.3%).

In January–December 2019, 1.2% more **milk** was delivered to procurement than in the same period of 2018. Milk supply in December 2019 was by 6.1% smaller than in the previous month and by 0.5% larger than in the previous year.

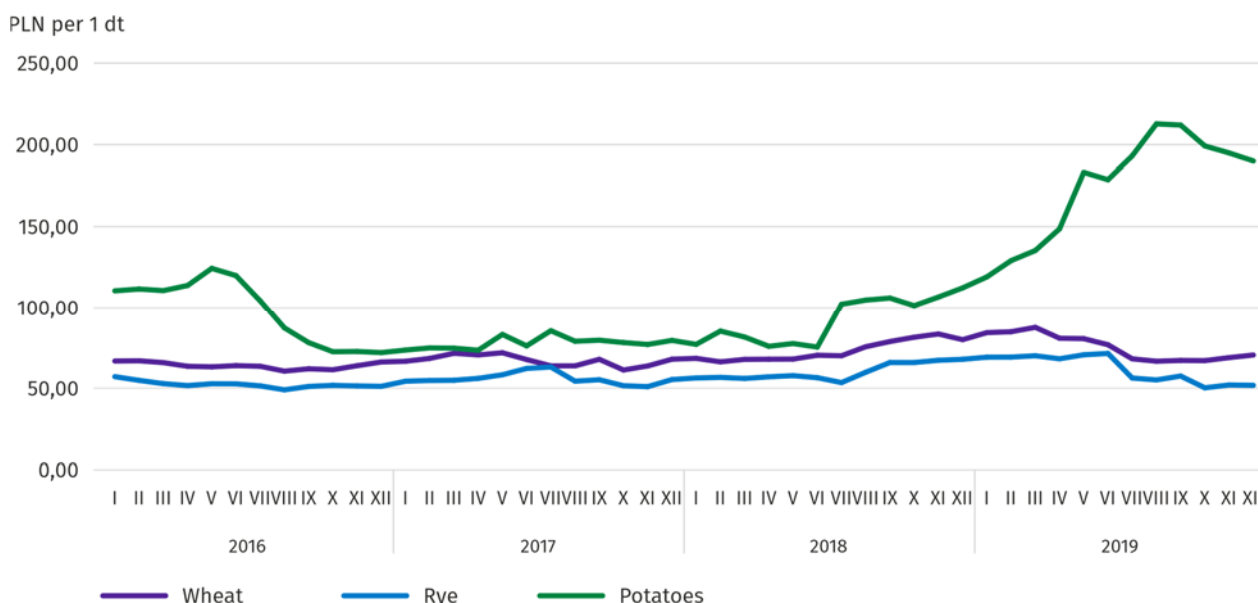
**Table 6. Average prices of basic agricultural products**

SPECIFICATION	Procurement prices					Marketplace prices				
	XII 2019			I–XII 2019		XII 2019			I–XII 2019	
	PLN	XII 2018= =100	XI 2019= =100	PLN	I–XII 2018= =100	PLN	XII 2018= =100	XI 2019= =100	PLN	I–XII 2018= =100
Wheat <sup>a</sup> per dt	70,48	88,2	102,4	76,24	105,3	85,18	95,5	99,5	90,00	106,1
Rye <sup>a</sup> per dt	51,79	76,3	99,6	59,37	101,6	65,52	95,9	107,3	67,93	104,5
Potatoes <sup>b</sup> per dt	96,41	112,8	266,5	42,96	74,0	189,97	169,1	97,5	174,66	189,5
Animals for slaughter per kg of live weight:										
cattle (excluding calves)	6,22	108,5	102,8	6,40	101,2	.	x	x	.	x
pigs	6,35	147,6	107,2	5,41	120,7	6,00	128,5	102,9	5,88	126,5
poultry	3,41	101,4	101,2	3,57	100,0	.	x	x	.	x
Piglet for breeding per head	.	x	x	.	x	186,43	134,1	106,0	152,18	101,5
Milk per hectolitre	138,83	98,9	101,0	134,35	100,0	.	x	x	.	x

<sup>a</sup> At procurement, excluding sowing seed. <sup>b</sup> At marketplaces – edible late.

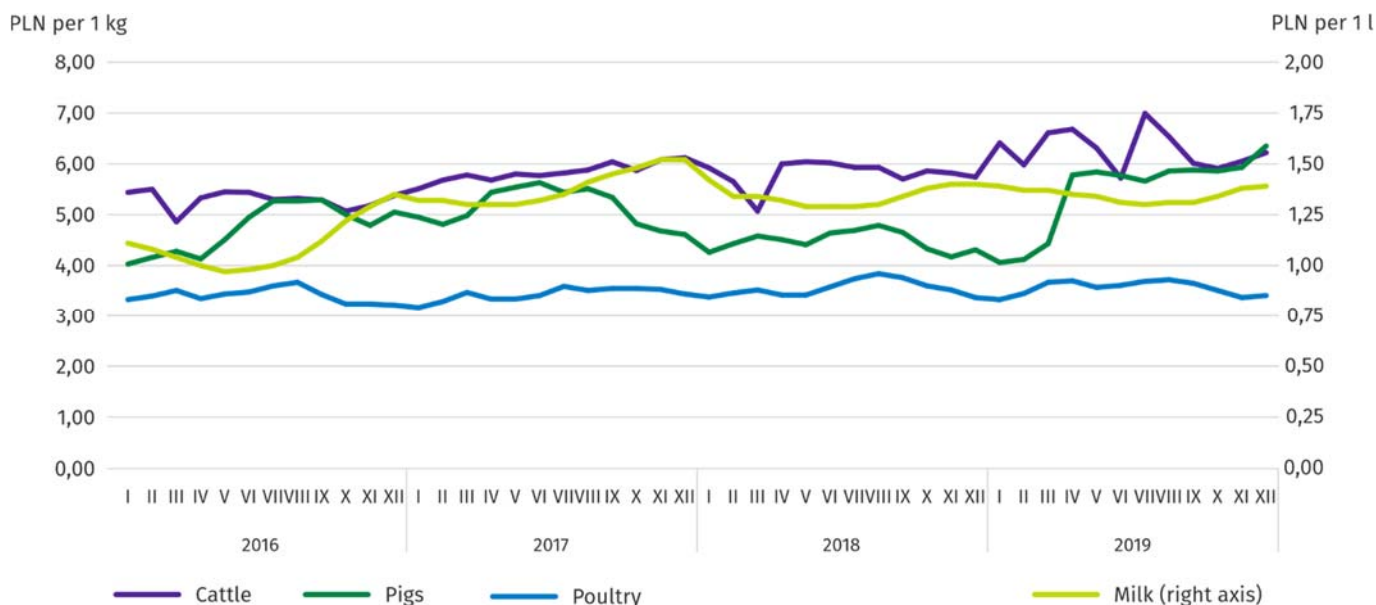
**Wheat and rye prices** in 2019 were clearly above the level recorded in the previous year. The average procurement prices of wheat and rye increased by 5.3% and 1.6%, respectively, and marketplace prices – by 6.1% and 4.5%. In December 2019, the prices of these cereals in both markets were lower than in the previous year. In addition, the average procurement price of rye and marketplace price of wheat were also lower than in the previous month.

**Chart 8. Average procurement prices of cereals and marketplace prices of potatoes**



In 2019, the average procurement price of **potatoes** was by 26.0% lower than in 2018, however the marketplace price – by 89.5% higher. In December 2019, significantly lower (by 85.0%) than in November supply of potatoes for procurement was accompanied by an increase in prices of this raw material. The average procurement price of potatoes was over 2.5-times higher than in the previous month and by 12.8% higher than in the previous year. Marketplace price of potatoes decreased on a monthly basis (by 2.5%), however it was still significantly higher on a yearly basis (by 69.1%).

**Chart 9. Average procurement prices of animals for slaughter and milk**



Procurement **prices of pigs for slaughter** showed an upward trend. The average prices of this raw material in 2019 was by 20.7% higher than in the previous year. In December 2019, the average price of 1 kg of pigs for slaughter on a monthly basis increased by 7.2%, and on a yearly basis – by 47.6%. The ratio of procurement prices of pigs for slaughter to the marketplace prices of rye, similarly as in November, amounted to 9.7 (compared to 6.3 in December 2018).

In 2019, the average **price of piglets** for further breeding at marketplaces was higher by 1.5% than in the previous year. In December 2019, the price of 1 piglet was higher by 6.0% than a month before and by 34.1% than a year before.

**Chart 10. Ratio of average procurement prices of pigs for slaughter to average marketplace prices of rye**



In 2019, at significantly lower (by 21.1%) supplies of **cattle for slaughter** to procurement, the average prices of this raw material were by 1.2% higher than a year earlier. In December 2019, an average of 2.8% more was paid for cattle for slaughter on a monthly basis, and by 8.5% more on a yearly basis.

The average procurement **price of poultry for slaughter** in 2019 (3.57 PLN/kg) remained at the level recorded in 2018. In December 2019, an average of 1.2% more was paid for poultry for slaughter than a month before, and by 1.4% more than in December 2018.

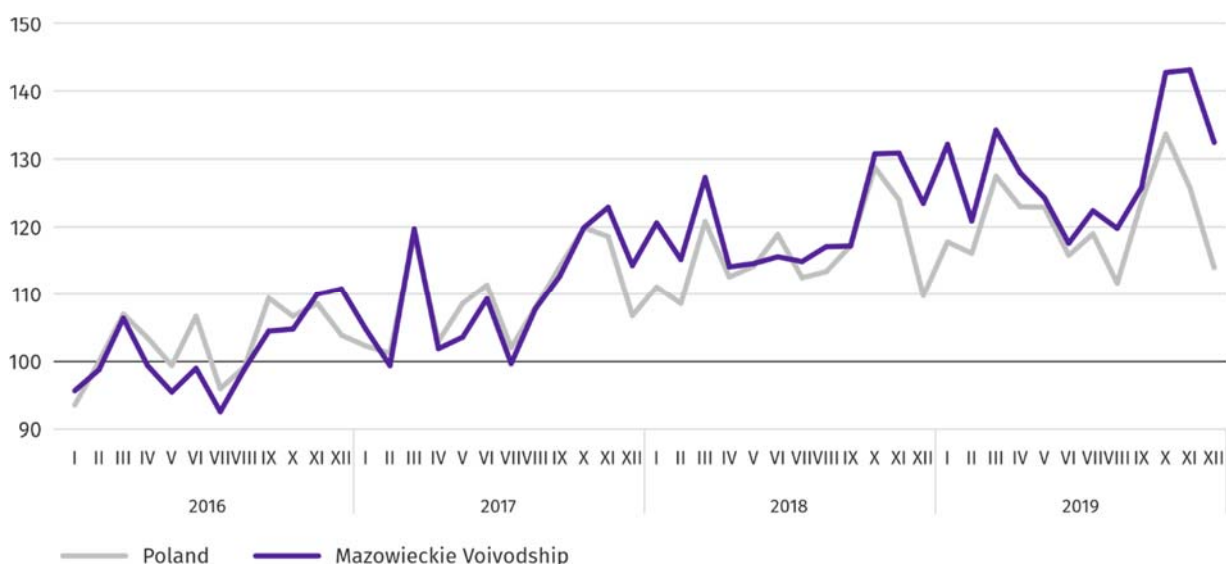
December 2019 was a third month in a row which recorded a seasonal increase in the procurement price of milk (by 1.0%), still the price of this raw material was lower than a year before (by 1.1%). In 2019, the price of milk, as in the previous year, was PLN 1.34 per litre.

## Industry and construction

**Sold production of industry in December 2019, reached the value (at current prices) of PLN 25,827.1 million and was (at constant prices) by 6.4% higher than a year before (compared to a 9.5% increase in November 2019); as compared to November 2019 it decreased by 1.0%.**

Sold production in manufacturing (constituting 77.7% of sold production of industry) compared to December 2018 increased (at constant prices) by 6.2%. There was also an increase (by 6.7%) in sold production in the section of electricity, gas, steam and air conditioning supply (the share of this section represents 19.9% of industrial production).

**Chart 11. Sold production of industry (monthly average 2015=100; constant prices)**



In December 2019, the increase in sold production in annual terms was recorded in 24 (out of 33 in the voivodship) divisions of industry, among others, in: manufacture of computer, electronic and optical products (by 15.7%), machinery and equipment n.e.c. (by 13.2%), electrical equipment (by 12.3%), beverages (by 9.2%), chemicals and chemical products (7.3%). Whereas, there was a decrease in sold production of, among others, paper and paper products (by 6.1%).

**Table 7. Indices (constant prices) and structure (current prices) of sold production of industry in December 2019**

SPECIFICATION	XII 2019	I–XII 2019	
	corresponding period of previous year=100	in percent	
<b>TOTAL</b>	<b>106,4</b>	<b>105,5</b>	<b>100,0</b>
of which:			
Manufacturing	106,2	107,0	82,3
of which manufacture of:			
food products	109,4	106,4	19,2
beverages	109,2	112,7	2,1
paper and paper products	93,9	94,1	2,6
chemicals and chemical products	107,3	108,6	5,7
manufacture of rubber and plastic products	106,2	103,5	3,8
other non-metallic mineral products	102,0	99,5	3,1
metal products <sup>Δ</sup>	102,8	106,1	4,0
computer, electronic and optical equipment	115,7	125,9	5,5
electrical equipment	112,3	108,6	5,3
machinery and equipment n.e.c.	113,2	109,1	2,6
Electricity, gas, steam and air conditioning supply	106,7	98,6	15,1

Labour productivity in industry measured by sold production per employed person, in December this year amounted (at current prices) to PLN 67.4 thousand and was (at constant prices) by 6.1% higher than a year before, with larger by 0.3% average paid employment and an increase in the average monthly gross wages and salaries by 6.9%.

In January–December 2019, sold production of industry amounted (at current prices) to PLN 308,352.8 million and was (at constant prices) by 5.5% higher than in the corresponding period of 2018. In manufacturing, the sold production of industry increased by 7.0%, and in electricity, gas, steam and air conditioning supply decreased by 1.4%.

**Sold production of construction** (at current prices) in December 2019 reached the value of PLN 7,898.1 million and was by 10.0% higher than in the previous year (compared to a 0.9% increase in November 2019). In January–December 2019, sold production of construction amounted to PLN 83,136.3 million and was by 11.5% higher than in the corresponding period of 2018.

Labour productivity in construction, measured by revenues from the sale of goods and services per employed person in December 2019 amounted to PLN 88.9 thousand (at current prices) and was by 9.4% higher compared to the corresponding month of 2018, with an increase in average employment by 0.6% and in average monthly gross wages and salaries by 10.1%.

**Construction and assembly production** (at current prices) in December 2019 amounted to PLN 2,552.1 million and was by 0.8% lower than a year before (compared to a 12.1% increase in November 2019). An increase in production was recorded in units specializing in civil engineering and in enterprises performing specialized construction activities (by 11.3% each). On the other hand, there was a decrease in entities whose basic activity is the construction of buildings (by 23.5%). In January–December 2019, construction and assembly production was estimated at PLN 22,795.0 million and was by 1.9% smaller than in the corresponding period of 2018. An increase in production was recorded in units specializing in civil engineering (by

3.0%), whereas a decrease in entities, whose basic activity is the construction of buildings (by 8.0%) and in enterprises performing specialized construction activities (by 5.0%).

**Table 8. Indices and structure (at current prices) of construction and assembly production in December 2019**

SPECIFICATION	XII 2019	I–XII 2019	
		corresponding period of previous year=100	in percent
<b>TOTAL</b>	<b>100,8</b>	<b>98,1</b>	<b>100,0</b>
Construction of buildings	76,5	92,0	26,9
Civil engineering	111,3	103,0	52,6
Specialized construction activities	111,3	95,0	20,5

## Housing construction

**In December 2019, as compared to the corresponding month of 2018, the number of dwellings completed decreased by 27.5%; there were more dwellings in which construction has begun (by 23.8%), and dwellings for which permits have been granted or which have been registered with a construction project (by 3.0%).**

According to preliminary data<sup>4</sup> in December 2019, there were 3915 **dwellings completed**, i.e. by 1486 fewer than in the previous year. Majority of dwellings were built for sale or rent – 2847 (72.7% of their total number), followed by private dwellings – 1018 (26.0%); a year earlier, the share of these forms amounted to 79.4% and 15.7%, respectively. Compared to December 2018, there were less dwellings for sale or rent by 33.7%, and private dwellings by 20.3%.

The effects of housing construction obtained in Mazowieckie Voivodship in the surveyed month constituted 17.1% of national effects.

**Table 9. Number of dwellings completed in January–December 2019**

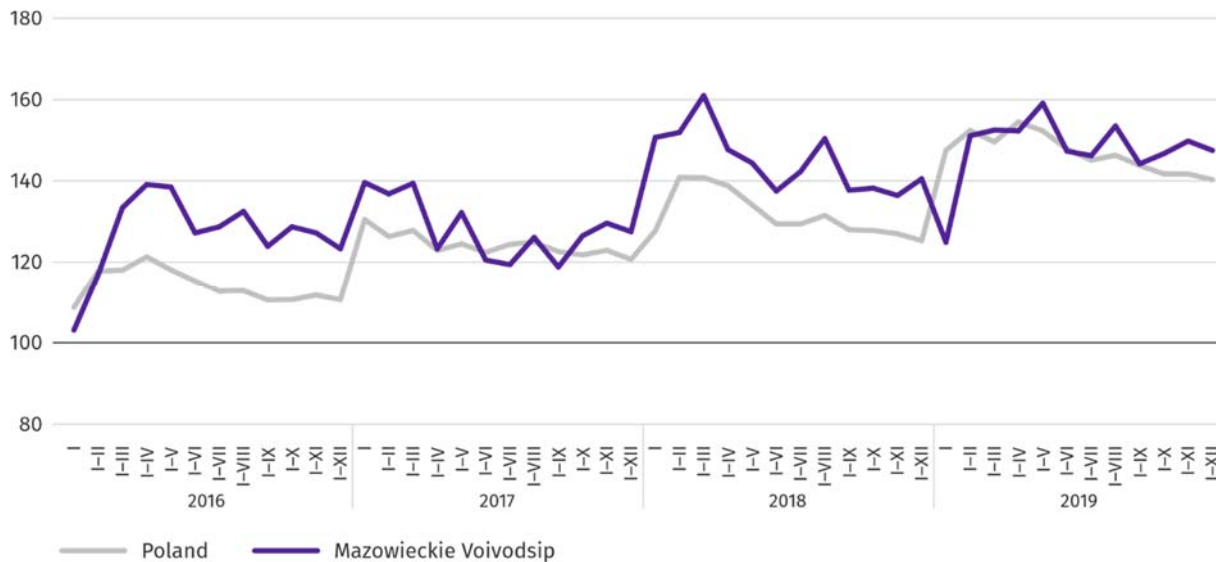
SPECIFICATION	Dwellings completed			Average useful floor area per dwelling in m <sup>2</sup>
	in absolute numbers	in percent	I–XII 2018=100	
<b>TOTAL</b>	<b>43103</b>	<b>100,0</b>	<b>104,9</b>	<b>82,1</b>
Private	9611	22,3	110,0	150,8
Cooperative	525	1,2	126,2	55,7
For sale or rent	32564	75,5	104,0	62,7
Municipal	129	0,3	33,0	39,6
Public building society	255	0,6	129,4	46,3
Company	19	0,0	237,5	38,7

In 2019, there were 43103 dwellings completed, i.e. more than in the corresponding period of the previous year by 4.9%; only in municipal construction there were fewer dwellings compared to the previous year.

<sup>4</sup> Reporting data – may change after preparing quarterly report.

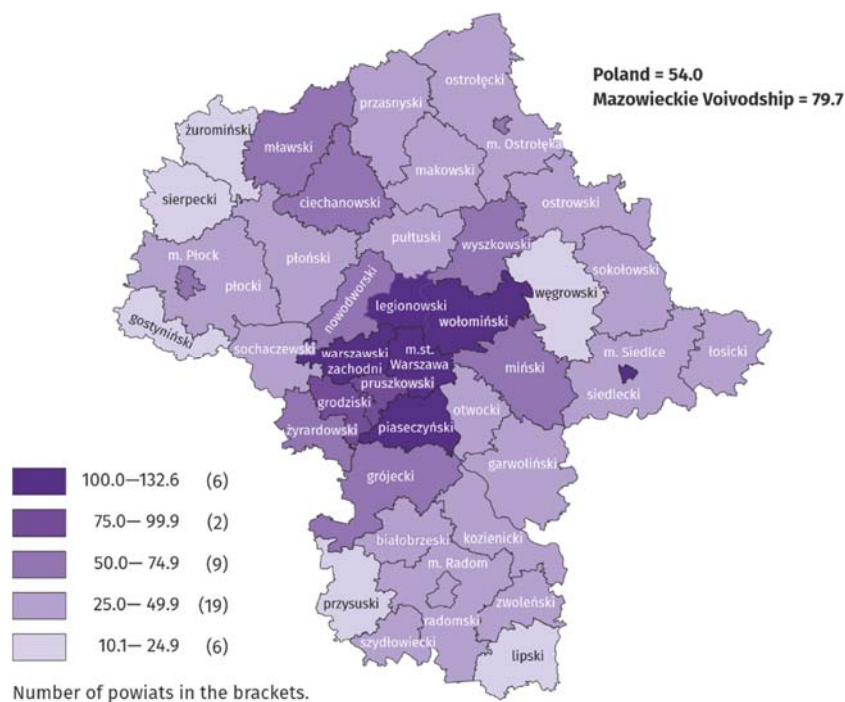


**Chart 12. Dwellings completed (corresponding period 2015=100)**



Most dwellings were completed in m.st. Warszawa (21486), followed by wołomiński (2617) and piaseczyński powiat (2210), and the least in żuromiński (39) and lipski powiat (66).

**Map 2. Dwellings completed per 10 thousand population<sup>a</sup> by powiats in January–December 2019**



<sup>a</sup> Population as of 30 June 2019

The average useful floor area of dwellings completed during eleven months of 2019 amounted to 82.1 m<sup>2</sup> and was larger than a year earlier by 3.0 m<sup>2</sup>. The largest dwellings were completed in siedlecki (160.8 m<sup>2</sup>), otwocki (154.5 m<sup>2</sup>), and ostrołęcki powiat (148.5 m<sup>2</sup>). The smallest were built in m.st. Warszawa (59.6 m<sup>2</sup>), Płock (61.5 m<sup>2</sup>), and Siedlce (63.2 m<sup>2</sup>).

In December 2019, the number of **dwellings for which permits have been granted or which have been registered with a construction project** amounted to 3941, that is by 116 (by 3.0%) more than a year earlier. Of the total number of dwellings, 77.1% were dwellings for sale or rent, and 21.8% private.

In the surveyed month, the **construction began** in 2698 **dwellings**, i.e. in 518 more (by 23.8%) compared to December 2018; dwellings for sale or rent accounted for 80.4% of their total number, and private 18.9%.



**Table 10. Number of dwellings for which permits have been granted or which have been registered with a construction project as well as dwelling in which construction has begun in January–December 2019**

SPECIFICATION	Dwellings for which permits have been granted or which have been registered with a construction project			Dwellings in which construction has begun		
	in absolute numbers	in percent	I–XII 2018=100	in absolute numbers	in percent	I–XII 2018=100
<b>TOTAL</b>	<b>48870</b>	<b>100,0</b>	<b>96,3</b>	<b>45459</b>	<b>100,0</b>	<b>97,7</b>
Private	13306	27,2	104,2	12215	26,9	101,9
Cooperative	178	0,4	101,7	261	0,6	113,0
For sale or rent	34858	71,3	92,7	32595	71,7	96,1
Municipal	289	0,6	222,3	118	0,3	137,2
Public building society	169	0,3	244,9	269	0,6	92,1
Company	70	0,1	over 17 times	1	0,0	50,0

## Domestic market

**In December 2019, both retail and wholesale were higher than in the previous year.**

**Retail sales** (at current prices) in trade and non-trade enterprises in December 2019 was by 11.2% higher than a year before. An increase in sales was recorded in all groups, and the highest in units from the group: “food, beverages and tobacco” (by 20.8%), “furniture, electronics and household appliances” (by 17.1%), “other retail sales in non-specialized stores” and “press, books, other sales in specialized stores” (by 10.3% each).

Compared to November 2019, retail sales recorded a 16.8% increase. The highest increase in sales was in the enterprises from the group: “press, books, other sales in specialized stores” (by 40.3%), “food, beverages and tobacco” (by 34.0%), “other retail sales in non-specialized stores” (by 26.4%), “furniture, electronics and household appliances” (by 22.8%). The drop in sales was recorded only in the group “solid, liquid and gas fuels” (by 0.3%).

In January–December 2019, retail sales increased by 7.4% on a yearly basis, with the largest increase in sales achieved by enterprises from the group “furniture, electronics and household appliances” (by 17.9%), and a decrease only in the units from the group “other” (by 1.1%).

**Table 11. Indices and structure (at current prices) of retail sales in December 2019**

SPECIFICATION	XII 2019	I–XII 2019	
		corresponding period of previous year=100	in percent
<b>TOTAL<sup>a</sup></b>	<b>111,2</b>	<b>107,4</b>	<b>100,0</b>
of which:			
Motor vehicles, motorcycles, parts	108,4	108,5	7,6
Solid, liquid and gas fuels	101,8	102,4	26,3
Food, beverages and tobacco	120,8	106,0	16,4
Other retail sales in non-specialized stores	110,3	109,4	3,1
Pharmaceuticals, cosmetics and orthopedic equipment	107,5	104,0	3,5
Textiles, clothing and footwear	101,1	110,6	5,3
Furniture, electronics and household appliances	117,1	117,9	19,0
Press, books and other sales in specialized stores	110,3	109,6	7,3
Other	105,1	98,9	10,3

<sup>a</sup> The grouping of enterprises was made on the basis of the Polish Classification of Activities - PKD 2007, including the enterprise to a specific category according to the type of predominant activity, in accordance with the organizational status in the period under consideration. The recorded changes (increase/decrease) in retail sales in particular groups of activity of enterprises may also result from changes in the type of predominant economic activity and organizational changes (e.g. mergers of enterprises). This does not affect the dynamics of retail sales in general.

**Wholesale** (at current prices) in trade enterprises in December 2019 was by 9.7% lower as compared to the previous month, but by 3.2% higher compared to December 2018. In wholesale enterprises it was lower by 9.8% and higher by 2.3%, respectively.

In January–December 2019, wholesale in trade enterprises was by 5.4% larger than a year before, and in wholesale enterprises larger by 2.8%.

**Table 12. Selected data on Mazowieckie Voivodship**

SPECIFICATION													
A – 2018		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
B – 2019													
Average employment in the enterprise sector <sup>a</sup> (in thousand persons)	A	1489,9	1488,9	1489,1	1490,3	1489,5	1491,2	1495,1	1497,7	1497,5	1496,5	1502,6	1507,0
	B	1527,0	1522,3	1525,2	1525,9	1523,5	1524,8	1529,5	1530,8	1528,6	1530,9	1536,1	1541,1
previous month=100	A	101,8	99,9	100,0	100,1	99,9	100,1	100,3	100,2	100,0	99,9	100,4	100,3
	B	101,3	99,7	100,2	100,0	99,8	100,1	100,3	100,1	99,9	100,2	100,3	100,3
corresponding month of previous year=100	A	103,4	103,1	103,2	103,2	103,1	103,0	102,6	102,8	102,6	102,9	103,0	103,0
	B	102,5	102,2	102,4	102,4	102,3	102,3	102,3	102,2	102,1	102,3	102,2	102,3
Registered unemployed persons (in thousand persons; as of end of period)	A	160,5	159,1	154,7	148,9	144,2	140,1	139,5	139,2	136,7	133,6	134,8	136,5
	B	143,4	142,4	138,8	133,8	130,1	126,7	125,6	125,6	123,3	120,9	121,9	123,2
Unemployment rate <sup>b</sup> (in %; as of end of period)	A	5,7	5,7	5,5	5,3	5,2	5,0	5,0	5,0	4,9	4,8	4,8	4,9
	B	5,1	5,0	4,9	4,7	4,6	4,5	4,5	4,5	4,4	4,3	4,3	4,4
Job offers (submitted during a month)	A	22610	18430	21274	18924	20818	18696	16753	18801	14559	16649	16075	10329
	B	17000	15394	15971	15065	15153	13859	13573	13132	14628	14386	12061	10281
Unemployed persons per 1 job offer (as of end of pe- riod)	A	12	14	15	12	11	13	12	11	13	13	12	25
	B	16	14	17	15	13	13	14	15	13	14	15	27
Average monthly gross wages and salaries in the enter- prise sector <sup>a</sup> (in PLN)	A	5552,33	5572,87	6041,44	5861,48	5620,57	5744,19	5753,98	5696,63	5636,60	5938,87	5836,70	6087,21
	B	5919,32	5920,22	6311,43	6185,82	6020,53	6093,26	6036,91	6053,18	6000,45	6273,41	6098,25	6402,10
previous month=100	A	95,1	100,4	108,4	97,0	95,9	102,2	100,2	99,0	98,9	105,4	98,3	104,3
	B	97,2	100,0	106,6	98,0	97,3	101,2	99,1	100,3	99,1	104,5	97,2	105,0
corresponding month of previous period=100	A	107,3	106,2	107,8	106,3	106,8	107,3	106,8	107,3	106,5	106,5	107,4	104,2
	B	106,6	106,2	104,5	105,5	107,1	106,1	104,9	106,3	106,5	105,6	104,5	105,2
Price indices:													
consumer goods and services <sup>c</sup> :													
corresponding period of previous year=100	A	.	.	101,5	.	.	101,7	.	.	101,9	.	.	101,4
	B	.	.	101,0	.	.	102,2	.	.	102,7	.	.	.

a In enterprises employing more than 9 persons. b Share of registered unemployed persons in civilian economically active population, estimated at the end of each month. c In the quarter.

**Table 12. Selected data on Mazowieckie Voivodship (cont.)**

SPECIFICATION													
A – 2018		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
B – 2019													
Price indices (cont.):													
Procurement of cereal grain:													
previous month=100	A	99,9	96,4	103,1	100,6	99,8	101,6	96,4	109,4	106,9	103,7	103,2	96,6
	B	104,3	100,6	105,0	91,2	100,6	95,4	84,1	99,9	102,7	98,5	102,9	101,5
corresponding month of previous year=100	A	102,4	95,6	93,5	95,3	93,4	99,5	103,1	116,4	117,9	131,4	129,8	118,1
	B	123,3	128,6	131,0	118,7	119,6	112,3	97,9	89,4	85,9	81,6	81,4	85,5
procurement of cattle for slaughter (excluding calves):													
previous month=100	A	96,8	95,4	89,8	118,2	100,8	99,6	98,6	100,0	96,0	102,9	99,3	98,5
	B	111,7	93,3	110,6	101,0	94,5	90,6	122,2	93,5	92,0	98,2	102,5	102,8
corresponding month of previous year=100	A	107,5	99,4	87,8	105,7	104,2	104,3	101,9	100,9	94,3	99,9	95,7	93,8
	B	108,1	105,8	130,2	111,3	104,4	95,0	117,7	110,1	105,5	100,8	104,0	108,5
procurement of pigs for slaughter:													
previous month=100	A	92,5	103,8	103,4	98,5	97,8	105,3	101,0	102,1	97,1	93,2	96,3	103,2
	B	94,2	101,5	107,5	130,6	101,1	98,7	98,2	103,6	100,2	99,8	101,1	107,2
corresponding month of previous year=100	A	86,1	92,0	91,9	82,9	79,7	82,5	86,2	86,9	87,2	90,0	89,2	93,4
	B	95,1	93,0	96,7	128,1	132,4	124,2	120,7	122,4	126,3	135,2	142,1	147,6
Ratio of procurement prices <sup>a</sup> of pigs for slaughter to marketplace prices of rye	A	6,8	6,7	7,0	7,1	6,9	7,6	7,7	7,6	6,9	6,4	6,1	6,3
	B	5,9	5,9	6,2	8,2	8,0	8,1	8,3	8,9	9,0	9,3	9,7	9,7
Sold production of industry <sup>b</sup> (at constant prices):													
previous month=100	A	105,5	95,5	110,5	89,6	100,4	100,9	99,4	101,9	100,1	111,5	100,1	95,2
	B	106,1	91,5	111,0	95,4	97,1	94,6	104,1	97,9	105,0	113,4	100,3*	92,5
corresponding month of previous year=100	A	114,9	115,8	106,3	111,9	110,5	105,6	115,1	108,5	103,9	108,9	106,3	108,9
	B	109,5	104,9	105,3	112,2	108,6	101,9	106,6	102,5	107,5	109,3	109,5*	106,4
Construction and assembly production <sup>b</sup> (at current prices):													
previous month=100	A	46,9	85,4	156,2	93,7	122,3	109,1	110,8	90,2	107,7	123,6	91,3	111,0
	B	40,1	146,1	115,8	102,0	105,4	108,7	112,1	103,8	113,3	83,2	91,1	127,3
corresponding month of previous year=100	A	155,6	126,4	120,4	114,8	116,3	106,4	105,8	121,7	118,2	138,3	121,9	105,6
	B	90,1	154,2	114,3	124,5	107,2	106,8	108,1	124,4	130,9	88,2	87,9	100,8

a Current prices excluding VAT. b In enterprises employing more than 9 persons.

**Table 12. Selected data on Mazowieckie Voivodship (cont.)**

SPECIFICATION		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
A – 2018													
B – 2019													
Dwellings completed (from the beginning of the year)	A	4118	6759	10153	12708	15206	18169	22143	26293	28817	32659	35677	41078
	B	3414	6724	9615	13103	16748	19467	22744	26836	30193	34677	39188	43103
corresponding period of previous year=100	A	108,0	111,0	115,5	119,7	109,2	114,0	119,3	119,2	115,9	109,2	105,2	110,2
	B	82,9	99,5	94,7	103,1	110,1	107,1	102,7	102,1	104,8	106,2	109,8	104,9
Retail sales of goods <sup>a</sup> (at current prices):													
previous month=100	A	77,8	94,5	114,9	99,6	102,6	104,1	100,3	101,1	96,0	105,9	99,0	111,7
	B	79,4	94,5	116,2	104,2	98,6	102,7	101,2	99,3	96,7	105,7	100,7	116,8
corresponding month of previous year=100	A	108,7	107,3	105,3	106,3	107,7	111,6	110,4	111,0	106,5	109,8	108,2	102,4
	B	104,5	104,5	105,7	110,5	106,2	104,7	105,6	103,8	104,7	104,5	106,4	111,2
Turnover profitability indicator in enterprises <sup>b</sup> :													
gross <sup>c</sup> (in %)	A	.	.	4,5	.	.	5,2	.	.	5,3	.	.	4,6
	B	.	.	3,8	.	.	5,3	.	.	5,0	.	.	.
net <sup>d</sup> (in %)	A	.	.	3,5	.	.	4,3	.	.	4,4	.	.	3,7
	B	.	.	3,0	.	.	4,3	.	.	4,1	.	.	.
Investment outlays of enterprises <sup>b</sup> – from the beginning of the year (in million PLN; current prices)	A	.	.	6781,1	.	.	16867,8	.	.	28178,5	.	.	46896,0
	B	.	.	8186,7	.	.	19969,2	.	.	32656,9	.	.	.
corresponding period of previous year=100 (current prices)	A	.	.	116,9	.	.	114,0	.	.	112,9	.	.	114,9
	B	.	.	120,7	.	.	118,4	.	.	115,9	.	.	.
Entities of the national economy <sup>e</sup> in the REGON register (as of end of period)	A	809239	810999	813465	816033	820488	824130	798247	802573	806402	810374	813613	816423
	B	819274	822655	826407	829983	833385	836698	840124	843374	846686	850340	853160	854457
of which commercial companies	A	172192	173282	174047	175114	175927	176792	154135	155389	156173	157209	158138	159027
	B	160010	160971	161997	162973	163843	164635	165630	166585	167542	168588	169648	170518
of which with foreign capital participation	A	38051	38130	38203	38289	38352	38503	30882	31018	31175	31337	31511	31618
	B	31667	31718	31813	31996	32205	32384	32603	32747	32863	32966	33117	33215

a In enterprises employing more than 9 persons. b In enterprises employing more than 49 persons. c Relation of gross financial result to revenues from total activity. d Relation of net financial result to revenues from total activity. e Excluding persons tending private farms in agriculture; in July 2018, there was a decrease in the number of entities as a result of deleting from the REGON register entities which entered the register based on entries made in court registers on the basis of provisions in force until the Act on the National Court Registered entered into force, and whose entries have not been found in the National Court Register.

Prepared by

**Statistical Office in Warszawa**  
**Director Zofia Kozłowska**

1 Sierpnia 21

02-134 Warszawa

Contact:

**tel.:** +48 22 464 23 15

**fax:** +48 22 846 76 67

**e-mail:** [SekretariatUSWAW@stat.gov.pl](mailto:SekretariatUSWAW@stat.gov.pl)



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[Statistical Bulletin of Mazowieckie Voivodship](#)

[Report on the socio-economic situation of Mazowieckie Voivodship in 2018](#)

[Socio-economic situation of voivodships No. 3/2019](#)

#### Data available in databases

[Local Data Bank](#)

[Knowledge Databases](#)

#### Terms used in official statistics

[Enterprise sector](#)

[Average paid employment](#)

[Registered unemployed persons](#)

[Registered unemployment rate](#)

[Average monthly gross wages and salaries](#)

[Retail price](#)

[Price index of consumer goods and services](#)

[Procurement of agricultural products](#)

[Procurement prices](#)

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[Sold production of industry](#)

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