

Economic activity of population in Mazowieckie Voivodship in Q4 2020

31 March 2021

↓ 8.2%
Decrease in the number of the unemployed compared to the previous quarter

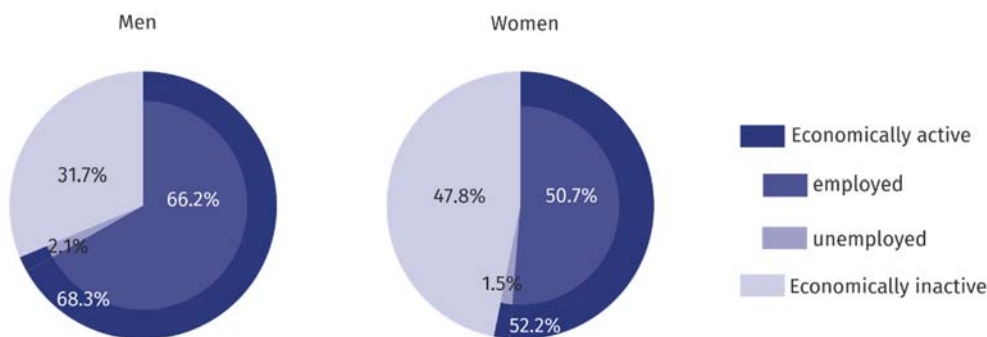
In Q4 2020, a decrease in the number of unemployed and employed persons and an increase in the number of economically inactive persons compared to Q3 2020. An increase in the ratio of non-working age population to working age population was also observed.

Economic activity of population aged 15 and more

In the fourth quarter of 2020, among the total population of Mazowieckie Voivodship aged 15 and more, 58.0% represented employed persons, 1.8% – unemployed persons, and 40.2% – economically inactive persons. This means that less than half of the population aged 15 and more (42.0%) did not work. In urban and rural areas this structure looked similar. However, significant differences were visible in the structure of men and women. Without employment (economically inactive and unemployed) were 33.8% of men and 49.3% of women.

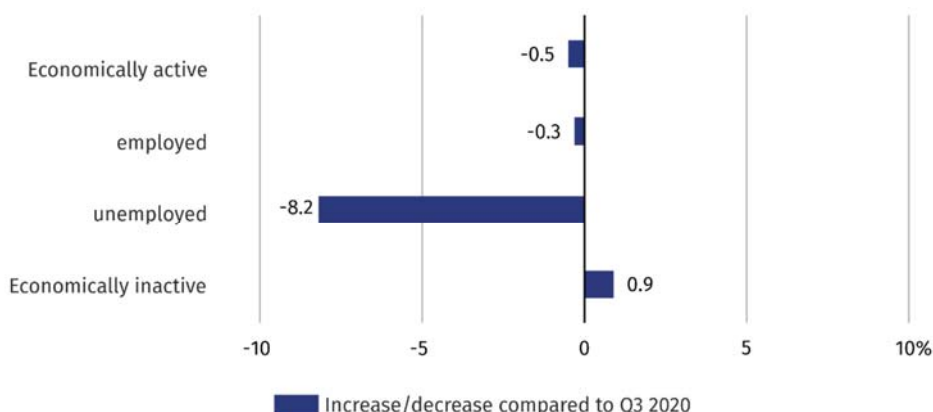
42% of population aged 15 and more did not work

Chart 1. Structure of population aged 15 and more by sex, Q4 2020



decrease in unemployed persons by 8% compared to the previous quarter

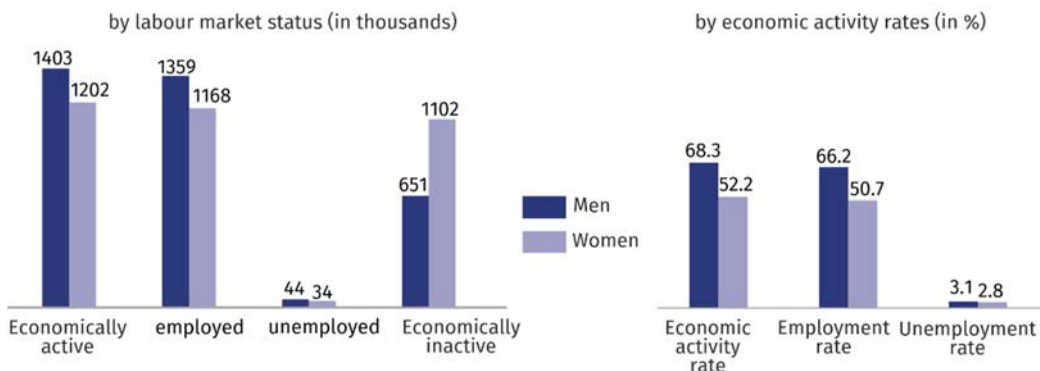
Chart 2. Changes compared to Q3 2020



In comparison with the third quarter of 2020, the number of unemployed and employed persons decreased by 8.2% and 0.3%, respectively. However, there was an increase in the number of economically inactive persons (by 0.9%). There was an increase in the ratio of non-working to working population. In the fourth quarter of 2020, there were 725 unemployed and economically inactive persons per 1000 employed, while in the third quarter of 2020 – 719.

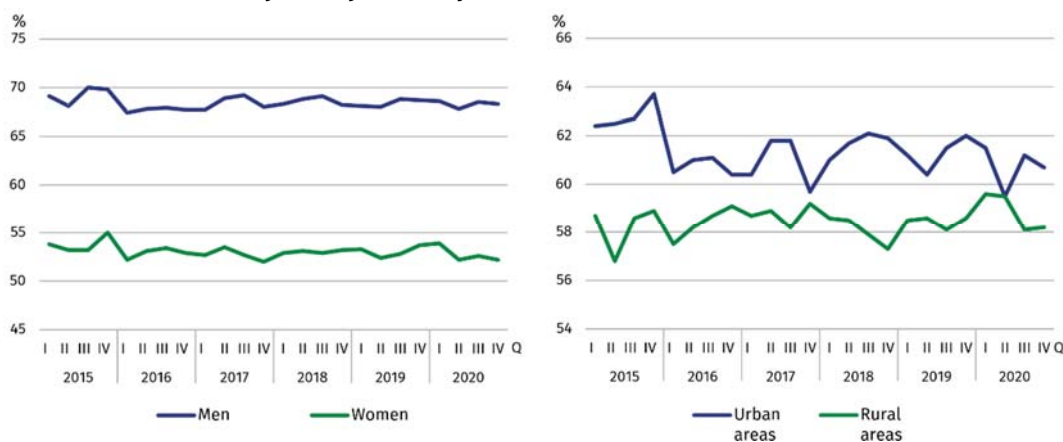
There were 725 unemployed and economically inactive persons per 1000 employed

Chart 3. Economic activity of population in Q4 2020



The economic activity rate was 59.8% and decreased by 0.3 pp compared to the previous quarter. There was a decrease in the level of economic activity both in the male (by 0.2 pp) and in female population (by 0.4 pp). This rate decreased in urban areas (by 0.5%), and increased in rural areas (by 0.1 pp).

Chart 4. Economic activity rate by sex and place of residence



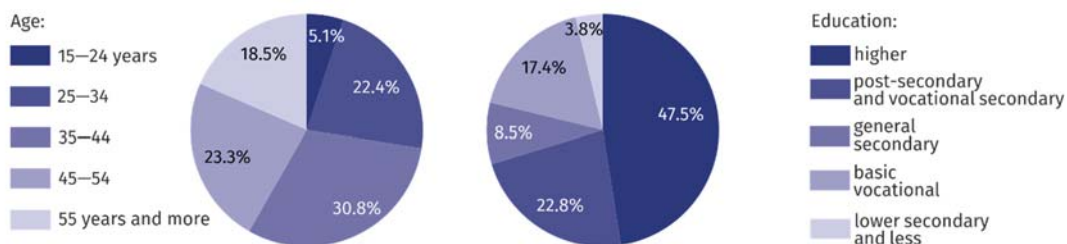
The highest value of the rate in terms of age was recorded in the age group 35–44, which was 89.9%, and the lowest among persons aged 55 and more – 29.2%. For working age population, this rate was 81.3%.

Employed persons

In the fourth quarter of 2020, in Mazowieckie Voivodship, the population of employed persons counted 2527 thousand persons, and employment rate was estimated at 58.0% (a decrease by 0.2 pp compared to the previous quarter).

In comparison with III quarter 2020, the number of employed persons decreased by 0.3%. A decrease was recorded both in males (by 0.5%) and in females (by 0.1%). The number of employed persons decreased among urban (by 1.1%) and among rural residents (by 1.1%).

Chart 5. Structure of employed persons by age and education in Q4 2020



In the fourth quarter of 2020, the highest employment rate was recorded among persons aged 35–44 (87.6%), and the lowest among persons aged 15–24 (26.6%).

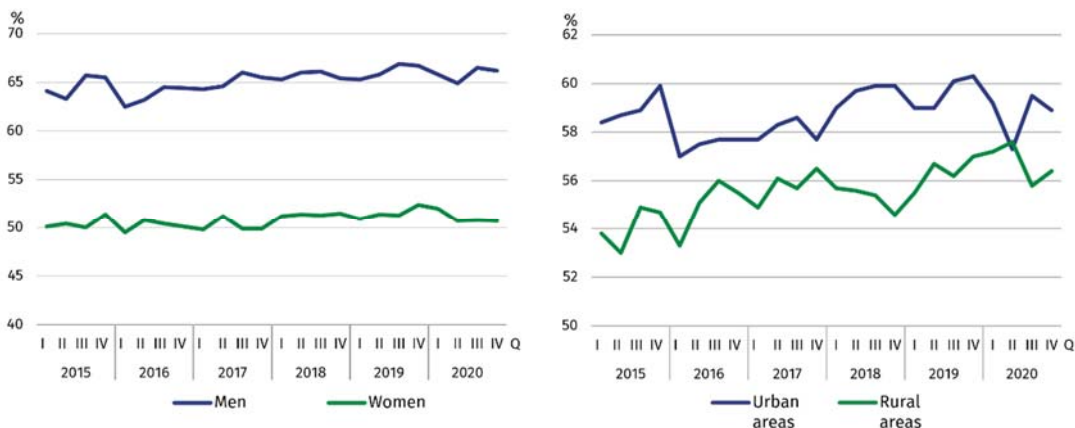
The highest decrease in the employment rate was noted only among persons aged 25–34 (by 0.9 pp), and the highest increase among persons aged 45–54 (by 0.6 pp).

For working age population, the employment rate was estimated at 78.8% (a decrease by 0.1 pp compared to the third quarter of 2020).

Among employed persons according to the level of education, the highest employment rate recorded persons with higher education – 78.4%, and the lowest among persons with lower secondary and less education – 15.6%.

The largest decrease in the employment rate recorded persons with lower secondary and less education (by 1.3 pp), and the largest increase among persons with basic vocational education (1.3 pp).

Chart 6. Employment rate by sex and place of residence

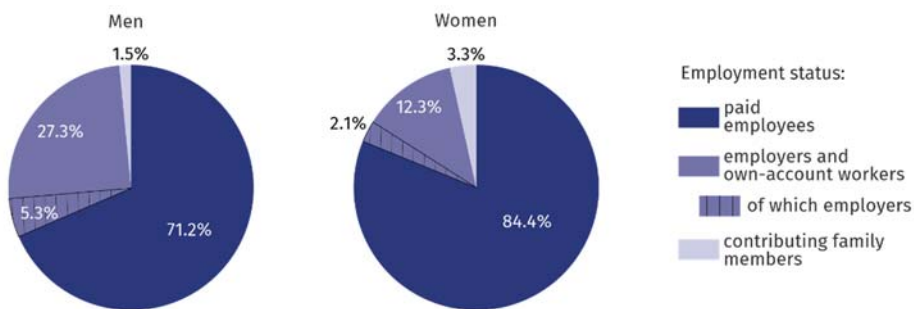


¾ of total employed persons worked in private sector

In Q4 2020, 1953 thousand persons worked as paid employees (i.e. 77.3% of the total employed), and their number increased compared to Q3 2020 by 0.4%. The increase was recorded among employers and own account workers (from 532 thousand to 515 thousand), and the increase among contributing family workers (from 57 thousand to 59 thousand).

The vast majority of employed persons supported the private sector (75.0% of the total employed). Of these, the majority (58.8%) were men. The situation was different among paid employees in public sector, where among 631 thousand employed persons predominated women (61.2%). 82.5% of paid employees worked for an indefinite period (an increase by 0.4 pp compared to the third quarter of 2020).

Chart 7. Structure of employed persons by employment status in Q4 2020



27% of men and 12% of women worked as employers and own-account workers

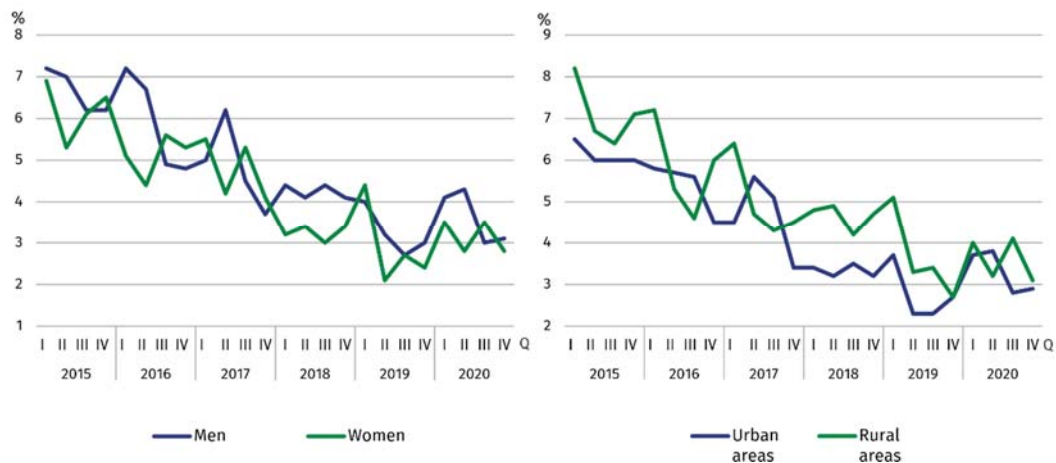
Unemployed persons

In Q4 2020, the population of unemployed persons in Mazowieckie Voivodship amounted to 78 thousand persons and decreased by 8.2% compared to Q3 2020.

Compared to the previous quarter, the number of unemployed women decreased (by 20.9%) and men increased (by 4.8%). There was a drop among urban (by 24.3%), and a rise among rural population (by 4.2%).

decrease in the number of unemployed women by 21%, and an increase among men by 5%

Chart 8. Unemployment rate by sex and place of residence



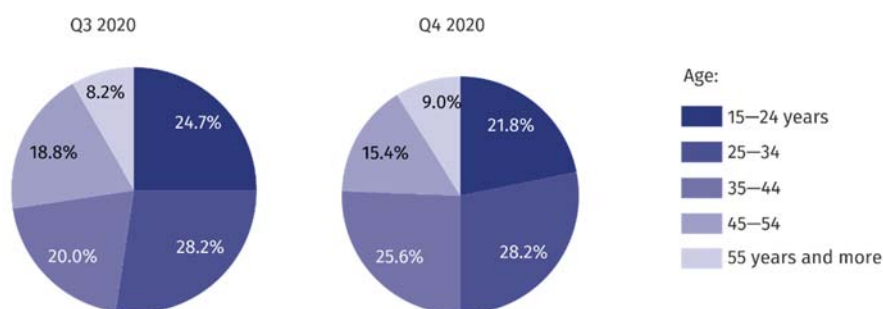
The total unemployment rate in the voivodship amounted to 3.0% and decreased compared to the third quarter 2020 by 0.4 pp. In urban areas it was 2.9% (by 0.2 pp lower than in rural areas). For working age population the unemployment rate was 3.1%.

In comparison with the third quarter of 2020, the unemployment rate decreased among women (by 0.7 pp), and increased among men (by 0.1 pp). The decrease in the unemployment rate was recorded in rural (by 1.0 pp), and an increase in urban areas (by 0.1 pp).

The highest unemployment rate was among persons aged 15–24 years (by 11.7%) and, at the same time, the highest decrease compared to the previous quarter (2.6 pp).

As far as education is concerned, the highest unemployment rate was recorded among persons with general secondary education (8.1%) and the highest increase was observed in this group (by 2.4 pp).

Chart 9. Structure of unemployed persons by age



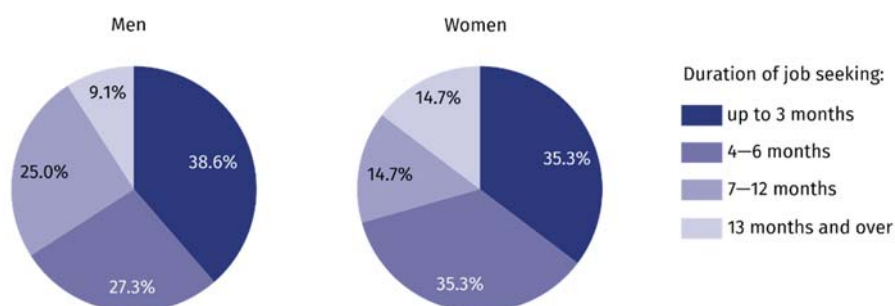
An average time of job seeking by unemployed persons amounted to 7.6 months. Women and rural residents looked for a job shorter than men and urban residents. Women looked for a job for 7.4 months on average (by 0.3 months shorter than men), and rural residents for 7.3 months (by 0.5 months shorter than urban residents).

The population of long-term unemployed persons (13 months and more) amounted to 12.8% of the total unemployed. Long-term unemployment was more frequent among women than men (14.7% compared to 9.1%) and more frequent among rural than urban residents (14.3% compared to 10.0%).

Long-term unemployment was more frequent among women than among men

Women and rural residents looked for a job shorter than men and urban residents

Chart 10. Structure of unemployed persons by duration of job seeking in Q4 2020

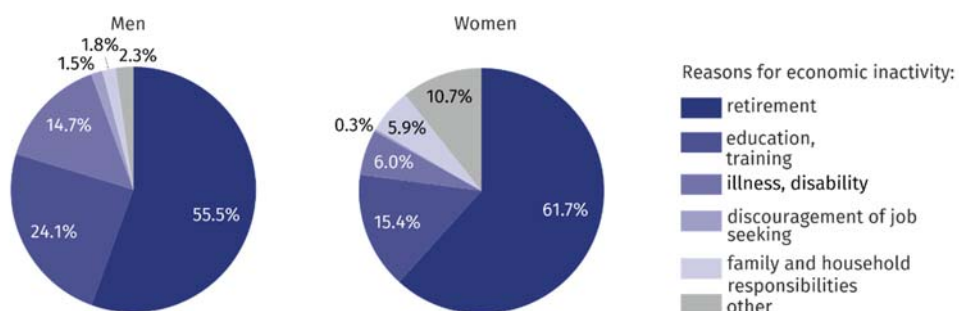


Economically inactive persons

In Q4 2020, in Mazowieckie Voivodship, 1753 thousand persons remained economically inactive, which accounted for 40.2% of total population aged 15 and more (in rural areas – 41.8% and in urban areas – 39.3%). Still, in this population women were the majority – 62.9%. Among economically inactive persons, as in previous periods, persons with lower secondary and less education predominated – 28.9%. Working age population made up 32.3% of total economically inactive persons.

Among the economically inactive women predominate – 63%

Chart 11. Structure of economically inactive persons by causes of economic inactivity in Q4 2020



In relation to Q3 2019, the population of economically inactive persons increased by 0.9%. The increase was recorded in the female population (by 1.0%) and in the male population (by 0.8%). Taking into account a place of residence, an increase in the number of economically inactive persons was noted among urban residents (by 1.4%) and there were no changes among rural residents.

Out of total economically inactive persons, 59.4% accounted for persons who did not take up work because of being retired. Other reasons for economic inactivity were: education and training – 18.6%, illness or disability – 9.3%, family and household responsibilities – 4.3%. The population of persons discouraged by inefficiency of job seeking amounted to 13 thousand, i.e. 0.7% of total economically inactive persons.

Table 1. Economic activity of population aged 15 years and more by selected indicators

SPECIFICATION	2020		increase/decrease in pp compared to the previous period
	Q3	Q4	
	in %		
ECONOMIC ACTIVITY RATE			
TOTAL	60,1	59,8	-0,3
men	68,5	68,3	-0,2
women	52,6	52,2	-0,4
Urban areas	61,2	60,7	-0,5
Rural areas	58,1	58,2	0,1
EMPLOYMENT RATE			
TOTAL	58,2	58,0	-0,2
men	66,5	66,2	-0,3
women	50,8	50,7	-0,1
Urban areas	59,5	58,9	-0,6
Rural areas	55,8	56,4	0,6
UNEMPLOYMENT RATE			
TOTAL	3,2	3,0	-0,2
men	3,0	3,1	0,1
women	3,5	2,8	-0,7
Urban areas	2,8	2,9	0,1
Rural areas	4,1	3,1	-1,0

Table 2. Economic activity of population aged 15 and more by labour market status

SPECIFICATION	2020		
	Q3	Q4	
	In thousands	Q3 2020=100	
EMPLOYED PERSONS			
TOTAL	2 535	2 527	99,7
men	1 366	1 359	99,5
women	1 169	1 168	99,9
Urban areas	1 662	1 644	98,9
Rural areas	873	883	101,1
UNEMPLOYED PERSONS			
TOTAL	85	78	91,8
men	42	44	104,8
women	43	34	79,1
Urban areas	48	50	104,2
Rural areas	37	28	75,7
ECONOMICALLY INACTIVE PERSONS			
TOTAL	1 737	1 753	100,9
men	646	651	100,8
women	1 091	1 102	101,0
Urban areas	1 083	1 098	101,4
Rural areas	655	655	100,0

Table 3. Employment rate and unemployment rate by age

SPECIFICATION	2020		
	Q3	Q4	
	in %		increase/decrease in pp compared to the previous period
EMPLOYMENT RATE			
TOTAL	58,2	58,0	-0,2
15-24 years	26,1	26,6	0,5
25-34	82,9	82,0	-0,9
35-44	87,5	87,6	0,1
45-54	86,8	87,4	0,6
55 years and more	29,3	28,7	-0,6
UNEMPLOYMENT RATE			
TOTAL	3,2	3,0	-0,2
15-24 years	14,3	11,7	-2,6
25-34	4,0	3,7	-0,3
35-44	2,1	2,5	0,4
45-54	2,7	2,0	-0,7
55 years and more	1,4	1,5	0,1

Table 4. Employment rate and unemployment rate by level of education

SPECIFICATION	2020		
	Q3	Q4	
	in %		increase/decrease in pp compared to the previ- ous period
EMPLOYMENT RATE			
TOTAL	58,2	58,0	-0,2
Higher	79,0	78,4	-0,6
Post-secondary and voca- tional secondary	58,2	57,8	-0,4
General secondary	50,2	49,5	-0,7
Basic vocational	54,5	55,8	1,3
Lower secondary, primary and incomplete primary	16,9	15,6	-1,3

Table 4. Employment rate and unemployment rate by level of education (cont.)

SPECIFICATION	2020		
	Q3	Q4	
	in %	increase/decrease in pp compared to the pre- vious period	
UNEMPLOYMENT RATE			
TOTAL	3,2	3,0	-0,2
Higher	1,8	1,6	-0,2
Post-secondary and voca- tional secondary	4,3	2,9	-1,4
General secondary	5,7	8,1	2,4
Basic vocational	3,7	3,5	-0,2
Lower secondary, primary and incomplete primary	8,5	5,9	-2,6

Note. The sums of certain data may be different from the "total" item. This is due to rounding made when generalizing the results of the survey.

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Terms used in official statistics

[Activity rate](#)

[Employment rate](#)

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Evaluate
the study

