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**POPULATION AND VITAL STATISTICS  
IN THE MAZOWIECKIE VOIVODSHIP IN 2014**

*When publishing the Statistical Office data please indicate the source.*

**Detailed data characterizing demographic situation of the Mazowieckie voivodship (divided into urban and rural areas), the Capital City of Warsaw as well as subregions, powiats and gminas the Reader may find in "Population, vital statistics and migrations in the Mazowieckie voivodship in 2014", which will be available in September both in book and in electronic form on the Office's website as well as on a CD.**

*Information were compiled on the basis of:*

- *balances of size and structure of population living in a gmina, which were made by taking as the basis for calculations the results of the Population and Housing Census taking into account:*
  - *changes in a given period caused by vital statistics (births and deaths) and population migrations (registrations and deregistrations for permanent residence from other gminas and from abroad), as well as address reallocations due to administrative changes;*
  - *difference between persons registered for temporary residence of more than 3 months in a gmina and the number of persons temporarily absent, which, at the same time, is a difference between persons registered for permanent stay in a gmina and the number of persons living in a gmina;*
- *data of the Ministry of Interior – on internal and international migrations of population for permanent residence (since 2006 a source of data is PESEL register - Personal Identity Number);*
- *documentation of Civil Status Offices – on registered marriages, births and deaths.*

*Rates concerning vital statistics in territorial division were calculated as a quotient of the number of facts of specific type and the number of population as of 30 VI.*

\* \* \*

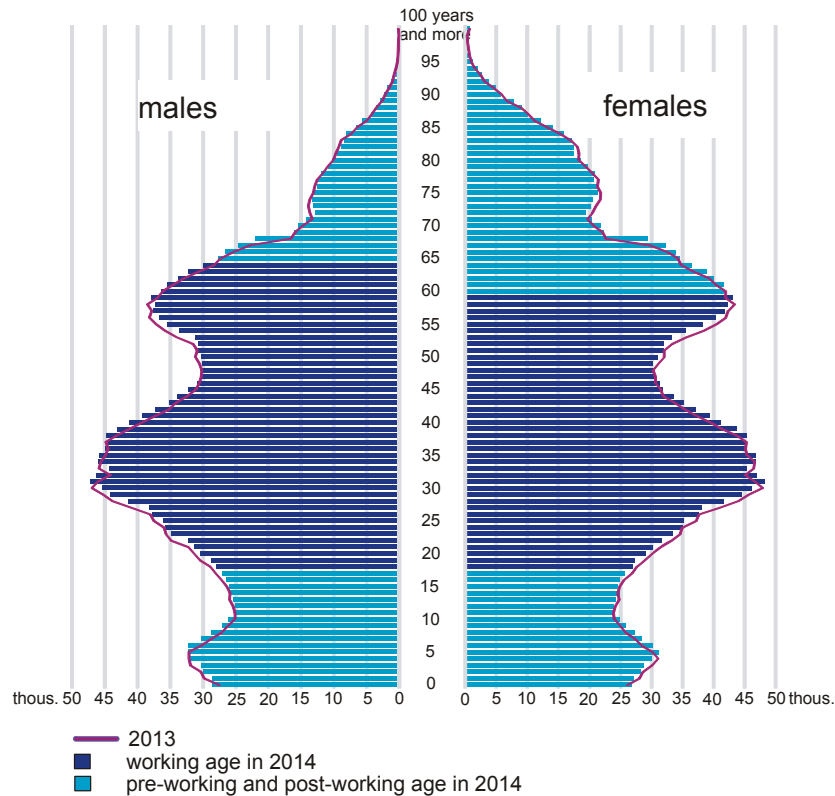
For the Mazowieckie voivodship a year 2014 was a consecutive one which recorded a population growth. Compared with 2013, as a result of positive net migration within internal migrations and negative net migrations within international migrations, the number of permanent residents of the voivodship went up by 13108 persons. Population growth was also a result of a positive natural increase. In 2014 the number of live births was higher by 3645 than number of deaths. The actual increase was as high as 16753 persons.

As of 31 December 2013, there were 5334.5 thous. persons living in the Mazowieckie voivodship and they represented 13.9% of total population of Poland. Compared with 2013 the number of inhabitants increased by 17.7 thous. persons, i.e. by 0.3%. In terms of population the Mazowieckie voivodship was the most populous voivodship in the country – there were 150 persons on average per 1 km<sup>2</sup>.

Urban areas dwellers represented 64.3% in a total number of population. The biggest city of the region (Warsaw) counted 1735.4 thous. people, i.e. 32.5% of total voivodship population and 50.6% of total urban population in the voivodship.

Over a half of the voivodship population represented women (52.2%). Femininity ratio amounted to 109 women per 100 men in the voivodship as a whole, 114 – in urban areas, 101 – in rural areas.

## Population by sex and age As of 31 XII

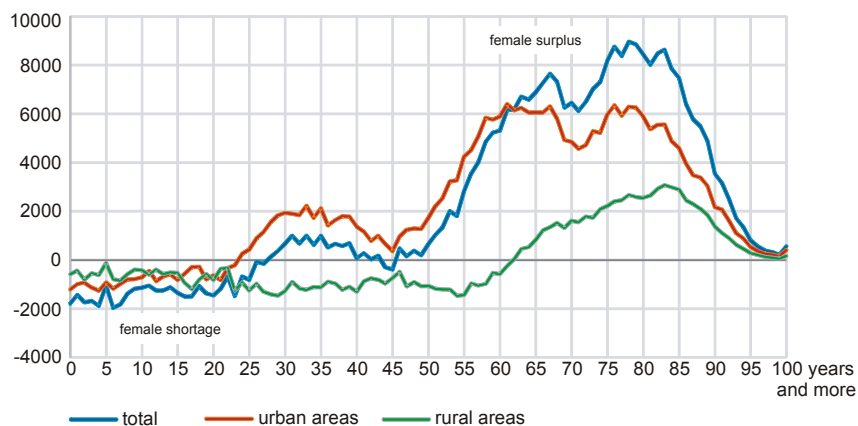


Median age<sup>1</sup> of the voivodship residents, calculated in 2014, was as high as 39.3 years, for men – 37.7 years, for women – 41.0 years (in 2013 it was 38.9; 37.3; 40.7 years respectively). Urban dwellers were older – their median age was 40.0 years, and for rural dwellers it was 37.8 years.

At the end of 2013, the number of persons at pre-working age (children and youth aged up to 17 years) amounted to 988.0 thous., and their share in total population remained the same as in 2013 and amounted to 18.5%. Population at working age (males – 18-64 years, females – 18-59 years) added up to 3304.7 thous. persons and compared with 2013 their percentage slightly decreased and amounted to 62.0%. While a share of persons at post-working age increased and in 2014 amounted to 19.5%, i.e. by 0.5 p. p. more than in 2013.

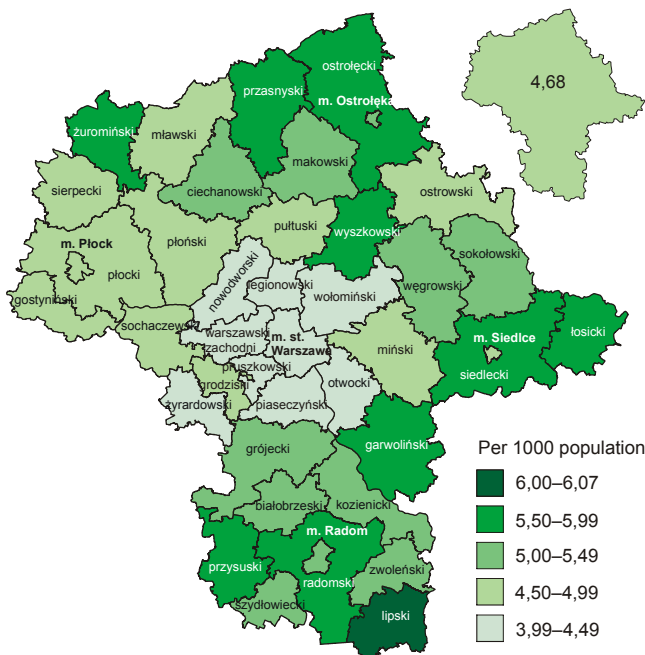
Increasing process of population ageing is reflected by rate demographic of ageing, which reflects a share of elderly persons (joint number of males and females aged 65 years and more) in total population, which amounted to 15.8% at 15.4% in a previous year. A ratio between population at working age and population at non-working age is reflected by age dependency ratio. In 2014 there were 61.4 persons at non-working age per 100 persons at working age (in 2013 – 60.1 persons).

## Difference between number of females and males in 2014 As of 31 XII



<sup>1</sup> Median age means that half of the population have age values less than the median, and half have values greater than the median.

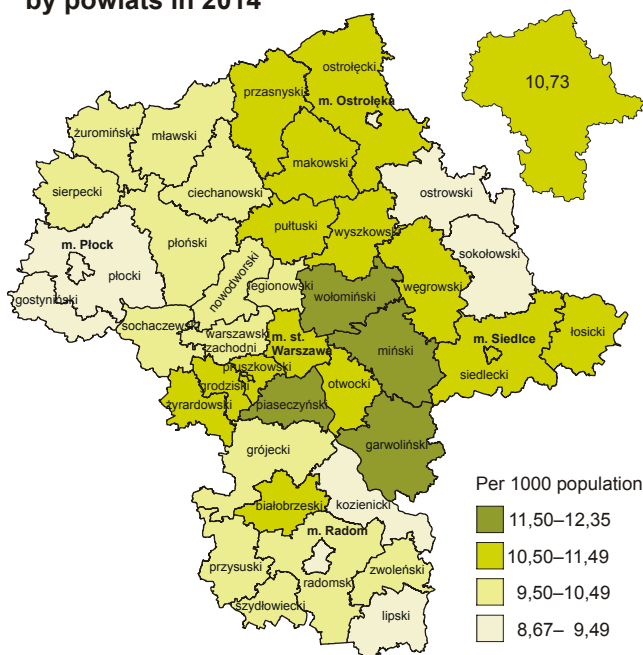
## Marriages per 1000 population by powiats in 2014



In 2014 in the Mazowieckie voivodship 24924 marriages were contracted, i.e. by 780 (by 3.2%) more than in a previous year. In a total number of marriages 61.6% were contracted in urban areas. Compared with 2013 urban areas recorded an increased number of marriages contracted by 464, i.e. by 3.1%, and in rural areas by 316, i.e. by 3.4%. Rate of contracted marriages was estimated at 4.68 marriages per 1000 population (at 4.55 a year before). In urban areas this rate was smaller than in rural areas (4.48 at 5.03). In powiat layout the highest number of contracted marriages per 1000 population recorded lipski powiat (6.07), while the least powiats piaseczyński and zyrardowski (3.99 each).

Increase in the number of births was noted both in urban as well as in rural areas (by 4.7% and 0.4% respectively). In 2014 among newborns majority were males (51.6%). Birth rate, which is a number of live births per 1000 population, amounted to 10.73 at 10.44 in 2013. In urban areas this rate was higher than in rural areas (10.85 compared with 10.51). Taking powiats into account, the highest rate was noted in garwoliński powiat (12.35), and the lowest in gostyniński powiat (8.67).

## Live births per 1000 population by powiats in 2014



In the analyzed period, 53494 persons deceased, i.e. by 766 persons fewer (1.4%) compared with 2013. Over 60% of deaths were noted in urban areas, and their number over a year decreased by 1.0%. Women constituted 48.7% in the total number of deceased. Death rate (number of deaths per 100 population) in 2014 amounted to 10.05 at 10.22 in a previous year. In urban areas this rate (9.84) was lower than in rural areas (10.42). The highest mortality recorded lipski powiat (14.14), and the lowest legionowski powiat (7.59).

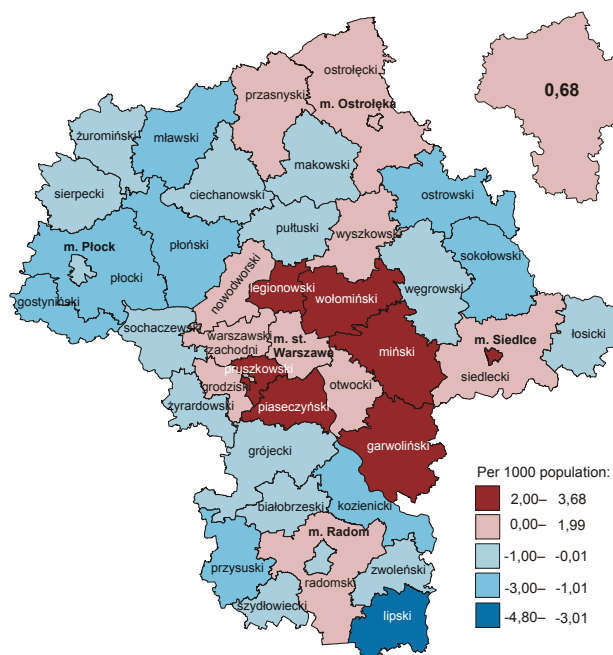
In 2014, 214 children aged under 1 year deceased (the same as in 2013). Boys' deaths represented 54.2% of the total. A rate which expressed the number of infant deaths per 1000 live births was as high as 3.75 at 3.86 in a previous year.

The Mazowieckie voivodship in 2014 recorded a positive natural increase, which was over 3 times higher than in 2013. Its intensity calculated per 1000 population amounted to plus 0.68 at plus 0.21 in 2013. In urban areas the natural increase rate was 1.01, and in rural areas plus 0.09 (in 2013 it was plus 0.43 and minus 0.18 respectively). In powiat layout a positive natural increase was noted in 18 powiats, and negative in 24. The highest intensity of this rate recorded piaseczyński powiat (plus 3.68), and the lowest in lipski powiat (minus 4.80).

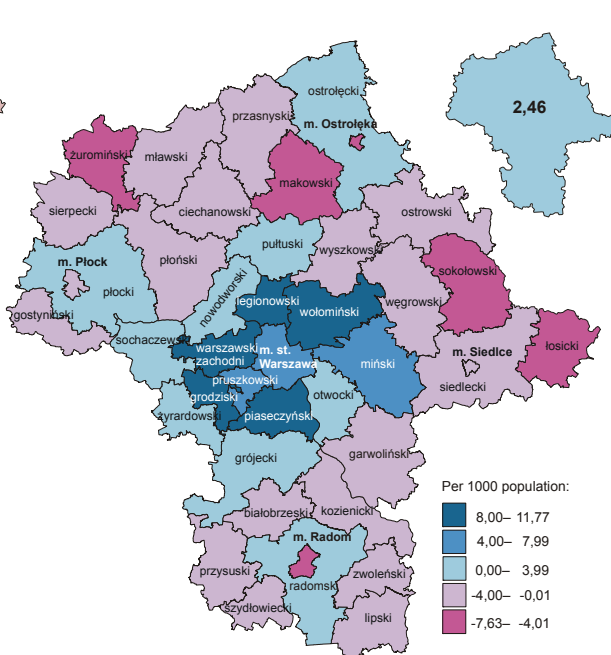
A significant factor which had an impact on population was migration. In the Mazowieckie voivodship a yearly inflow of population outnumbered outflow, which resulted in a positive net migration. In 2014 in the Mazowieckie voivodship an internal inflow of population concerned 67952 persons, i.e. by 1.5% less than in a previous year, and outflow 54811 persons, i.e. by 1.3% less than in 2013.<sup>2</sup>

Within international migrations 1.4 thous. persons emigrated from the Mazowieckie voivodship, i.e. by 2.3% more than in 2013. While the number of immigrants increased by 8.3%. Net international migration amounted to minus 33 persons; in urban areas – minus 81, in rural areas – plus 48. Total net migration for permanent stay per 1000 population amounted to plus 2.46 (in a previous year 2.52); migration intensity rate was higher in rural areas (plus 2.58) than in urban areas (plus 2.40). Within powiatów the intensity of total net permanent migration amounted from minus 7.63 in Ostrołęka, a city with powiat status, to plus 11.77 in godzicki powiat.

**Natural increase per 1000 population by powiatów in 2014**



**Net permanent migration per 1000 by powiatów in 2014**



Due to adopted assumptions of a long term population projection, the number of the voivodship inhabitants will increase up to 2028, and it then will decrease. It is projected that in 2050 there will 5318.7 thous. inhabitants, i.e. by 0.3% less than in 2014. in the Mazowieckie voivodship. In urban areas up to 2024 there will be a rise in the number of population, while since 2025 a reduction in urban population is projected. Finally in 2050 there will be 3369.0 thous. inhabitants in urban areas. In rural areas there will be a rise in the number of population by the year 2035, it then will reduce, however in the last year of projection the number of rural population will be higher than in 2014. In 2050 there will be 1949.7 thous. inhabitants in rural areas.

<sup>2</sup> Excluding migrations among districts of the Capital City of Warsaw.

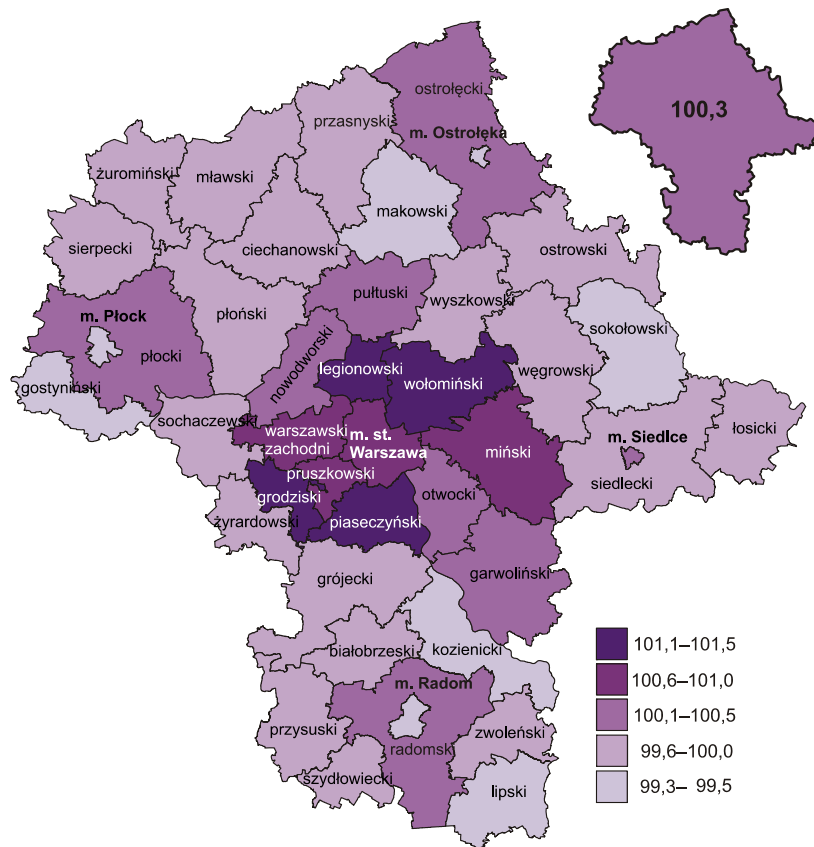
Table 1. Number, vital statistics and net migration of population.

Specification	Population		Marriages	Live births	Deaths		Natural increase <sup>a</sup>	Net migration for permanent residence		
	as of 30 VI	as of 31 XII			total	of which infants <sup>b</sup>		ogótem	of wic h international	
<b>Total</b> .....	2012	5293224	5301760	26929	57281	54454	248	2827	13287	485
	2013	5307276	5316840	24144	55400	54260	214	1140	13353	-104
	<b>2014</b>	<b>5324519</b>	<b>5334511</b>	<b>24924</b>	<b>57139</b>	<b>53494</b>	<b>214</b>	<b>3645</b>	<b>13108</b>	<b>-33</b>
males .....	2012	2533255	2536666	x	29453	28300	138	1153	5889	331
	2013	2539358	2543762	x	28462	27884	126	578	6067	-6
	<b>2014</b>	<b>2547498</b>	<b>2552091</b>	<b>x</b>	<b>29506</b>	<b>27464</b>	<b>116</b>	<b>2042</b>	<b>5812</b>	<b>24</b>
females .....	2012	2759969	2765094	x	27828	26154	110	1674	7398	154
	2013	2767918	2773078	x	26938	26376	88	562	7286	-98
	<b>2014</b>	<b>2777021</b>	<b>2782420</b>	<b>x</b>	<b>27633</b>	<b>26030</b>	<b>98</b>	<b>1603</b>	<b>7296</b>	<b>-57</b>
Urban areas.....	2012	3397799	3402557	16422	36769	33960	153	2809	7111	330
	2013	3405450	3411493	14877	35476	33996	113	1480	7206	-116
	<b>2014</b>	<b>3420685</b>	<b>3427481</b>	<b>15341</b>	<b>37130</b>	<b>33664</b>	<b>127</b>	<b>3466</b>	<b>8203</b>	<b>-81</b>
males.....	2012	1587829	1589436	x	18815	17166	82	1649	2129	257
	2013	1590735	1593666	x	18289	16999	64	1290	2389	-11
	<b>2014</b>	<b>1598070</b>	<b>1601055</b>	<b>x</b>	<b>19176</b>	<b>16722</b>	<b>69</b>	<b>2454</b>	<b>2827</b>	<b>14</b>
females.....	2012	1809970	1813121	x	17954	16794	71	1160	4982	73
	2013	1814715	1817827	x	17187	16997	49	190	4817	-105
	<b>2014</b>	<b>1822615</b>	<b>1826426</b>	<b>x</b>	<b>17954</b>	<b>16942</b>	<b>58</b>	<b>1012</b>	<b>5376</b>	<b>-95</b>
of which	2012	1711324	1715517	7729	18795	18460	84	335	6623	255
Capital City of Warsaw	2013	1718219	1724404	7298	18438	18722	52	-284	8293	104
	<b>2014</b>	<b>1729119</b>	<b>1735442</b>	<b>7452</b>	<b>19511</b>	<b>17959</b>	<b>65</b>	<b>1552</b>	<b>9033</b>	<b>43</b>
males.....	2012	785187	786888	x	9703	8882	46	821	2112	188
	2013	788274	791207	x	9472	8921	32	551	3139	70
	<b>2014</b>	<b>793510</b>	<b>796192</b>	<b>x</b>	<b>10032</b>	<b>8600</b>	<b>42</b>	<b>1432</b>	<b>3433</b>	<b>77</b>
females.....	2012	926137	928629	x	9092	9578	38	-486	4511	67
	2013	929945	933197	x	8966	9801	20	-835	5154	34
	<b>2014</b>	<b>935609</b>	<b>939250</b>	<b>x</b>	<b>9479</b>	<b>9359</b>	<b>23</b>	<b>120</b>	<b>5600</b>	<b>-34</b>
Rural areas.....	2012	1895425	1899203	10507	20512	20494	95	18	6176	155
	2013	1901826	1905347	9267	19924	20264	101	-340	6147	12
	<b>2014</b>	<b>1903834</b>	<b>1907030</b>	<b>9583</b>	<b>20009</b>	<b>19830</b>	<b>87</b>	<b>179</b>	<b>4905</b>	<b>48</b>
males .....	2012	945426	947230	x	10638	11134	56	-496	3760	74
	2013	948623	950096	x	10173	10885	62	-712	3678	5
	<b>2014</b>	<b>949428</b>	<b>951036</b>	<b>x</b>	<b>10330</b>	<b>10742</b>	<b>47</b>	<b>-412</b>	<b>2985</b>	<b>10</b>
females .....	2012	949999	951973	x	9874	9360	39	514	2416	81
	2013	953203	955251	x	9751	9379	39	372	2469	7
	<b>2014</b>	<b>954406</b>	<b>955994</b>	<b>x</b>	<b>9679</b>	<b>9088</b>	<b>40</b>	<b>591</b>	<b>1920</b>	<b>38</b>

<sup>a</sup> Difference between the number of live births and the number of deaths in a given period. <sup>b</sup> Children aged under 1 year.

## Change in the number of population in 2014 (previous year=100)

As of 31XII



## Ratio children – elderly persons in 2014

As of 31 XII

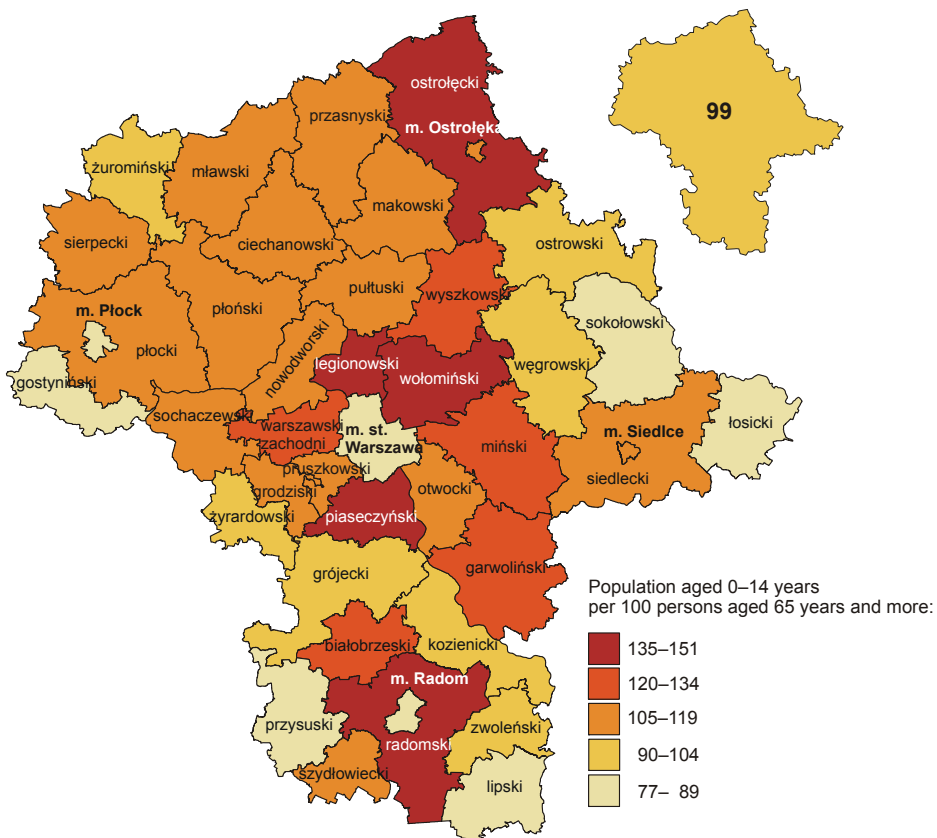


Table 2. Indices of natural increase and net migration

Specification		Marriages	Live births	Deaths		Natural increase <sup>a</sup>	Net migration for permanent residence	
				total	of which infants <sup>bc</sup>		ogółem	of which international
				per 1000 population				
<b>Total</b> .....	2012	5.09	10.82	10.29	4.33	0.53	2.51	0.09
	2013	4.55	10.44	10.22	3.86	0.21	2.52	-0.02
	<b>2014</b>	<b>4.68</b>	<b>10.73</b>	<b>10.05</b>	<b>3.75</b>	<b>0.68</b>	<b>2.46</b>	<b>-0.01</b>
Urban areas.....	2012	4.83	10.82	9.99	4.16	0.83	2.09	0.10
	2013	4.37	10.42	9.98	3.19	0.43	2.12	-0.03
	<b>2014</b>	<b>4.48</b>	<b>10.85</b>	<b>9.84</b>	<b>3.42</b>	<b>1.01</b>	<b>2.40</b>	<b>-0.02</b>
of which the Capital City of Warsaw.....	2012	4.52	10.98	10.79	4.47	0.20	3.87	0.15
	2013	4.25	10.73	10.90	2.82	-0.17	4.83	0.06
	<b>2014</b>	<b>4.31</b>	<b>11.28</b>	<b>10.39</b>	<b>3.33</b>	<b>0.90</b>	<b>5.22</b>	<b>0.02</b>
Rural areas.....	2012	5.54	10.82	10.81	4.63	0.01	3.26	0.08
	2013	4.87	10.48	10.66	5.07	-0.18	3.23	0.01
	<b>2014</b>	<b>5.03</b>	<b>10.51</b>	<b>10.42</b>	<b>4.35</b>	<b>0.09</b>	<b>2.58</b>	<b>0.03</b>

<sup>a</sup> Difference between the number of live births and the number of deaths in a given period. <sup>b</sup> Children aged under 1 year.

Table 3. Population in subregions (NTS 3) by sex and age groups in 2014.

Specification	Mazowieckie	Subregions					
		ciechanowsko-płocki	ostrołęcko-siedlecki	radomski	m.st. Warszawa	warszawski wschodni	warszawski zachodni
AS OF 30 VI							
In absolute numbers							
<b>Total</b> .....	<b>5324519</b>	<b>626438</b>	<b>754034</b>	<b>620082</b>	<b>1729119</b>	<b>802258</b>	<b>792588</b>
males .....	2547498	306129	373459	303864	793510	389513	381023
females .....	2777021	320309	380575	316218	935609	412745	411565
Urban areas.....	3420685	286547	286414	304611	1729119	430259	383735
males .....	1598070	136095	137090	145545	793510	205109	180721
females .....	1822615	150452	149324	159066	935609	225150	203014
Rural areas.....	1903834	339891	467620	315471	x	371999	408853
males .....	949428	170034	236369	158319	x	184404	200302
females .....	954406	169857	231251	157152	x	187595	208551
AS OF 31 XII							
In absolute numbers							
<b>Total</b> .....	<b>5334511</b>	<b>625892</b>	<b>753454</b>	<b>619298</b>	<b>1735442</b>	<b>805073</b>	<b>795352</b>
males .....	2552091	305910	373229	303488	796192	390850	382422
females .....	2782420	319982	380225	315810	939250	414223	412930
Urban areas.....	3427481	286072	286165	303704	1735442	431801	384297
males .....	1601055	135936	137053	145067	796192	205792	181015
females .....	1826426	150136	149112	158637	939250	226009	203282
Rural areas.....	1907030	339820	467289	315594	x	373272	411055
males .....	951036	169974	236176	158421	x	185058	201407
females .....	955994	169846	231113	157173	x	188214	209648

Table 3. Population in subregions (NTS 3) by sex and age groups in 2014 (cont.)

Specification	Mazowieckie	Subregions					
		ciechanowski- -plocki	ostrołęcko- -siedlecki	radomski	m.st. Warszawa	warszawski wschodni	warszawski zachodni
AS OF 31 XII (cont.)							
In absolute numbers (cont.)							
Economic age groups:							
pre-working age .....	988011	116422	147862	115761	283370	166762	157834
males .....	507064	59804	75804	59643	145081	85615	81117
females .....	480947	56618	72058	56118	138289	81147	76717
working age .....	3304741	393626	470915	388759	1055936	502310	493195
males .....	1722716	210156	254416	208839	530227	262963	256115
females .....	1582025	183470	216499	179920	525709	239347	237080
mobile .....	2116946	245778	297275	245366	689931	325508	313088
non-mobility .....	1187795	147848	173640	143393	366005	176802	180107
post-working age .....	1041759	115844	134677	114778	396136	136001	144323
males .....	322311	35950	43009	35006	120884	42272	45190
females .....	719448	79894	91668	79772	275252	93729	99133
Biological age groups:							
0—14 years .....	833375	94966	120924	94697	248064	140777	133947
15—64 .....	3658162	437504	522519	432456	1164320	555310	546053
65 years and more .....	842974	93422	110011	92145	323058	108986	115352
Educational age groups .....	1253808	159099	200425	157825	330947	209063	196449
3— 6 year .....	247008	26766	34029	26506	77971	41596	40140
7—12 .....	316721	37015	46822	37115	89118	54277	52374
13—15 .....	150938	19905	25076	19777	36059	25932	24189
16—18 .....	159127	22452	27933	21955	35850	26567	24370
19—24 year .....	380014	52961	66565	52472	91949	60691	55376
Females at reproduction aged 15—49 years	1287925	148978	177922	145786	423715	198237	193287
Previous year =100							
<b>Total</b> .....	<b>100,3</b>	<b>99,7</b>	<b>99,8</b>	<b>99,7</b>	<b>100,6</b>	<b>100,7</b>	<b>100,7</b>
males .....	100,3	99,8	99,8	99,7	100,6	100,7	100,7
females .....	100,3	99,7	99,8	99,7	100,6	100,8	100,7
Urban areas .....	100,5	99,6	100,0	99,4	100,6	101,6	100,3
males .....	100,5	99,6	100,0	99,3	100,6	101,6	100,3
females .....	100,5	99,6	100,0	99,4	100,6	101,6	100,3
Rural areas .....	100,1	99,8	99,7	100,0	x	99,8	101,1
males .....	100,1	99,8	99,7	100,0	x	99,8	101,1
females .....	100,1	99,8	99,7	100,0	x	99,8	101,1
Economic age groups:							
pre-working age .....	100,4	98,3	98,6	98,6	102,7	100,6	100,8
males .....	100,5	98,4	98,7	98,7	102,7	100,6	101,0
females .....	100,3	98,2	98,5	98,5	102,7	100,6	100,7
working age .....	99,5	99,3	99,5	99,1	99,4	100,0	99,9
males .....	99,7	99,5	99,7	99,4	99,6	100,2	100,1
females .....	99,3	99,1	99,2	98,8	99,3	99,8	99,6
mobile .....	100,0	99,5	99,5	99,4	100,4	100,2	100,0
non-mobility .....	98,8	99,0	99,3	98,7	97,6	99,6	99,6
post-working age .....	102,9	102,8	102,5	102,8	102,5	103,6	103,6
males .....	103,3	103,9	102,9	103,0	102,6	104,3	104,4
females .....	102,6	102,2	102,3	102,7	102,4	103,3	103,3
Biological age groups:							
0—14 years .....	101,0	99,0	99,1	99,2	103,2	101,0	101,3
15—64 .....	99,6	99,2	99,5	99,2	99,6	100,1	100,0
65 years and more .....	102,8	103,2	102,4	102,5	102,4	103,6	103,7
Educational age groups .....	99,2	98,2	98,2	98,1	99,9	100,1	100,1
3— 6 years .....	100,4	99,5	99,9	99,2	102,0	99,6	99,9
7—12 .....	103,0	100,1	100,3	100,3	106,6	103,4	103,3
13—15 .....	99,0	96,6	96,6	96,6	101,3	100,3	101,2
16—18 .....	97,0	95,8	95,8	96,9	97,8	97,6	97,8
19—24 years .....	96,6	97,8	97,7	97,1	92,8	98,5	98,0
Females at reproduction aged 15—49	99,9	99,2	99,1	98,9	100,6	100,3	100,2

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