



Małopolska Region

Total area of the voivodeship	15,183 km ²
Number of citizens: - in urban areas	3,372,600* 48.6 %**
Population per 1 km ²	222 people/sq. km**
Principal city	Kraków
Bigger cities in the voivodeship	Tarnów, Nowy Sącz, Oświęcim, Chrzanów, Olkusz, Nowy Targ, Bochnia, Gorlice, Zakopane, Skawina, Wieliczka, Andrychów, Trzebinia, Wadowice, Kęty, Myślenice, Libiąż, Brzesko, Limanowa;
Special Economic Zones	Kraków Special Economic Zone Katowice Special Economic Zone EURO-PARK Mielec Special Economic Zone
Industrial & Technology Parks	Kraków Technology Park MMC Brainville in Nowy Sącz Tarnów Science and Technology Park Jagiellonian Center of Innovation - Technology Park Life Science in Kraków Małopolska Information Technology Park in Kraków
Regional Investor Assistance Centre	Business in Małopolska Centre
International airport	Kraków Airport

* 2015 data;

** 2014 data.

Małopolska Region is located in the central-southern part of the country. In terms of economic development, the region is one of the most diverse regions in Poland. Situated at the crossing point of communication routes between the West (Austria, Germany) and the East (Ukraine), the North (Scandinavian countries) and the South (Slovakia, Hungary), it has exceptional assets and each year attracts 10-12 million tourists, new investments and young people studying at regional universities.

The main sectors of the regional economy:

- automotive industry - MAN, Delphi, Valeo, NIDEC, Mitsui, Shougang Corporation, Brembo
- metallurgical industry - Arcelor Mittal, Vesuvius, F&P Holding, Silgan, Amcor
- chemical industry - St.Gobain, Air Liquide, Braxair, Lurgi, Grupa Azoty, Synthos S.A., Alwernia S.A. Chemical Company, Trzebinia Refinery S.A.
- energy industry - EDF, Čez, PSEG Global
- food industry - Balhsen, Coca Cola, Dan Cake, Carlsberg, The Nut Company, Maspex Wadowice Group, Wawel S.A., Koral, KHNO POLAN Ltd, Roleski, Teekane
- trade - Carrefour, Auchan, Metro, Ikea, Tesco, Jeronimo Martins, Tengelmann, Kingfisher, Schwarz Gruppe,
- new technologies sector - Motorola, Google, Cisco, ABB, IBM, Luxoft, ComArch, CD Project
- biotechnology sector including medical and pharmaceutical industry - TEVA Group, Selvita, Silvermedia, Bielenda Natural Cosmetics, Farmina

Strengths of the Region

- Małopolska is one of the leading Polish regions in terms of economic potential and investment attractiveness
- Good communication accessibility and location at the intersection of the international transit routes

- Availability of public support for investors, among others, through a special economic zone and a number of business support institutions
- Małopolska is one of the most important Polish Bio-Regions with high potential for development of life sciences with well-developed medical facilities
- The best place in Central - Eastern Europe for BPO & SSC investments
- Modern infrastructure for personnel training and operation of companies in the ICT industry
- High potential for energy technology research
- Good infrastructure facilities for creative industries (museums, libraries) - Kraków is one of the most important industrial designers education centres in Poland
- Very well developed scientific and research - development facilities
- High availability of university graduates in the fields of engineering - technical and biological
- A wide range of real estate
- The natural wealth of Małopolska - geothermal resources
- High quality of life

Sectors with huge potential

Małopolska has a high potential for scientific research and higher education - Kraków is the second center for research - development in Poland.

32 higher education institutions and universities, representing 7.1% of all higher education institutions in Poland. Over 180 thousand students and more than 55 thousand graduates per year.

In 2013, over 25 % of entrepreneurs' spendings on innovations were allocated on R&D (1st place in the country).¹

More than 100 research - development centres including Foundry Research Institute, Institute of Forensic Research, Institute of Oil and Gas, Institute of Advanced Manufacturing Technologies. In addition, numerous research and design centres of international companies: ABB, Google, Cisco, CH2M, Teva R&D Centre, Comarch R&D Centre, SYNTHOS R&D Centre, Delphi Technical Centre, Sabre Software Development Centre.

Financial **outlays on R & D** place the Region on the **2nd position in the country.**

Małopolskie future industries:

Biotechnology and Life Sciences

Sustainable Energy

ICT / BPO / SSC

Chemistry industry

Manufacture of basic metals and metal products

Electrical and mechanical engineering

Creative industries, including leisure industry

Biotechnology & Life Science

The capital of the Małopolska region - Kraków - becomes a powerful centre for the biotechnology industry.

A significant proportion of biology students - 18% of the total number of students in these fields in the country.

Biotech companies in the region - Selvita, TEVA Group, BioCentrum, Bielenda Natural Cosmetics, Farmina, LuxMed, MicroBioLab, Silvermedia, Herbapol

Balanced Energy

Małopolska takes a number of actions to implement a comprehensive energy-efficient solution.

The graduates of engineering and technology in the field of sustainable energy of the region represent **8% of the graduates** of this type of courses in Poland - **3rd place in the country.**

¹ Updated diagnosis depth innovation economy Małopolska - Working prepared for work the Regional Innovation Strategy of the Małopolska Region for 2014-2020, Kraków 2015

ICT / BPO / SSC

According to the **Top 100 Outsourcing Destinations Ranking - Global Services and Tholons** ranking, Kraków was among the **9 most attractive cities in the world** for investment in the sector outsourcing - **Kraków takes the 1st place in Europe**.

The capital of Małopolska is home to **more than 120 BPO companies**, including: Capgemini, Shell, Philip Morris, Lufthansa, Amway, UBS, Electrolux, State Street, Heineken, HCL Technologies, Capita Group, EDF, Rolls&Royce, Nokia Siemens Networks, Cathay Pacific.

Małopolska ranks number 1 in Poland in terms of **the number of students in the ICT industry - 12% of all ICT-related graduates in Poland**. Furthermore, Małopolska is at the second position among the regions with the highest rate of employment in the ICT sector.

2 of the 3 most popular web portals in Poland are based in Kraków - **Onet.pl and Interia.pl**. Kraków is a place of residence of the fastest growing companies in the Polish ICT sector: ComArch, Motorola, IBM, Delphi, CD Project.

Chemical industry

The chemical industry is an important branch of Małopolska economy. The chemical plants located in Tarnów, Oświęcim and Alwernia are significant employers in the region and a manufacturers of a strategic role for the Polish economy. As many as **93% of Małopolska companies** operating in the chemical sector **have introduced innovations** in the years 2010-2012.

The largest regional companies in the chemical industry include: Grupa Azoty S.A., Synthos S.A., Alwernia Chemical Plant S.A., Trzebinia Refinery S.A.

Manufacture of basic metals and metal products

This industry has a big impact on the export of the Małopolska region - aluminium and articles of aluminium are among most important export commodities.

The share of Małopolska export in the precious metals and products export is 6.9%.

As many as **75% of Małopolska companies of the sector have introduced innovations** in the years 2010-2012.

Electrical and mechanical engineering

In addition to the large significance for employment in the **region, the goods produced by those industries remain the pillars of Małopolska exports**.

Electrical machinery and devices and machine vehicles are the most important export products of Małopolska - 5th place in the country.

Share the Małopolska exports in the sector stands at 5.6%.

Creative and leisure industry

The creative sector includes the production, manufacture, exhibiting and sale of goods protected by copyright, as well as cultural activities and tourism.

A high percentage of arts students in the Region - **13.3%** of all students in the arts faculties in Poland - studied in Małopolska.

The emerging **Małopolska Creativity and Design Centre** will support the use of high quality industrial design in the economy and promote region as a centre of design and creative industries.

Economic Potential

Małopolska is one of the leading Polish regions in terms of economic development. The region's GDP is **7.4% of the national GDP**. Region takes the **5th position** among Polish voivodeships in terms of contribution to the national GDP*.

Low unemployment rate (06.2017) in Kraków – **3,2 %**, in Małopolska region – **5,8 %**, in Poland – **7,1 %**

Małopolska is rich in natural resources, especially in sandstone, limestone, marl, dolomite, porphyry, melaphyre, diabase, and tuffs deposits as well as clays for construction ceramics. Medicinal and thermal waters are an important element of the resource base of the region.

Over 350 thousand business entities operates in Małopolska, including about 97% in the private sector - **4th place in Poland**.

The level of entrepreneurship in the Małopolska region - **64.1%**

Gross domestic product in 2014

	in mln PLN	in %	per capita
Poland	1,656.3	100	100
Małopolskie	128.1	7.7	88.7 %

Source: Central Statistical Office

Gross value added by economic activity (mln) in 2013

	Total	Agriculture, hunting and forestry; fishing	Industry	Construction	Trade and repair; hotels and restaurants; Transport, storage and communication	Financial and insurance activity; real estate, retting and Business Activities	Other service activities
Poland	1 470 844	21 326	136 112	130 879	244647	236 831	92 249
Małopolskie	113 740	7 227	122 059	122 238	223562	228 253	91 323

Source: Central Statistical Office

Average monthly gross wages and salaries in the enterprise sector (PLN) in 06.2017

Poland	4 604,00
Małopolskie	4 4392,00

Source: Central Statistical Office (2017)

Local labour market

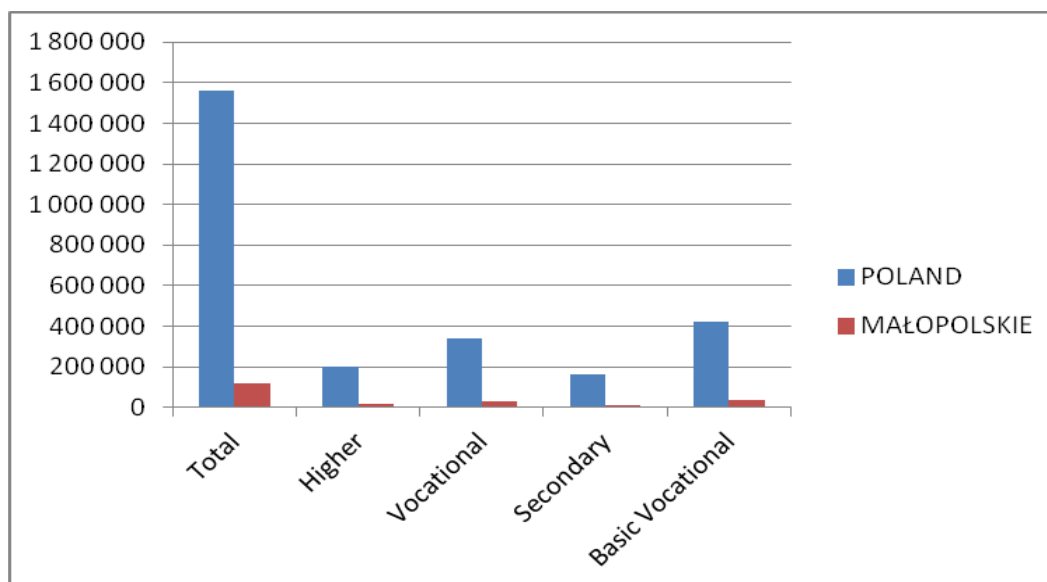
Economic activity of the population in first quarter of 2016

	Economically active persons (in thous.)	Activity rate (%)	Registered unemployment rate (%)
Poland	17 215	56.1	8.6
Małopolskie	1 482	55.9	7.3

Source: Central Statistical Office

Registered unemployed persons by level of education in fourth quarter of 2015

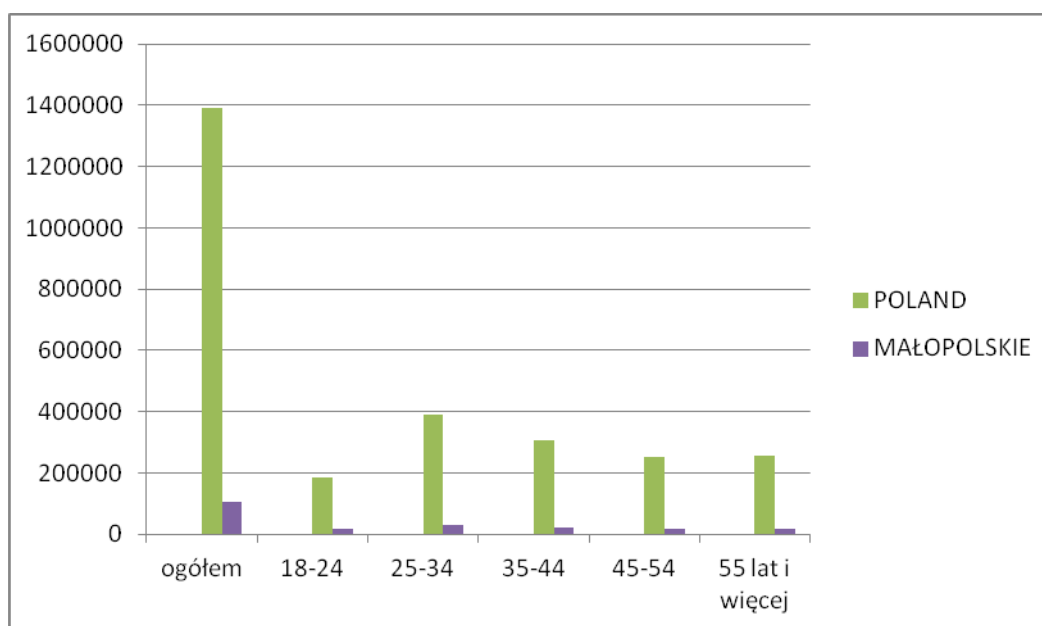
	Total	Higher	Vocational	Secondary	Basic vocational
Polska	1 563 339	200 245	340 799	164 558	424 924
Małopolskie	119 601	18 116	29 020	12 968	33 802



Registered unemployed persons by age in second quarter of 2016

Source: Central Statistical Office

	Total	24 years and less	25-34	35-44	45-54	55 years and more
Poland	1 392 460	186 333	388 802	307 553	252 264	257 508
Małopolskie	103 435	15 934	30 020	22 096	18 385	17 000



Higher education institutions including non-public institutions

Higher education institutions in 2015/2016 academic year

	<i>Schools</i>		<i>Students</i>	
		Non-public schools		In non-public schools
Poland	434	302	1 405 135	25%
Małopolskie	31	14	182 597	15%

Source: Central Statistical Office

Selected higher education institutions

Stanisław Staszic University of Science and Technology in Kraków (Akademia Górniczo-Hutnicza im. St. Staszica)

selected faculties: automatics and robotics, construction, electronics and telecommunication, geodesy and cartography, mining and geology, information technology, materials engineering, metallurgy, chemical technology

Tadeusz Kościuszko Technical University in Kraków (Politechnika Krakowska im. Tadeusza Kościuszki)

selected faculties: architecture and development, automatics and robotics, construction, electrical engineering, energy, information technology, chemistry and process engineering, mechanics and machine construction, environment protection, logistic,

Jagiellonian University in Kraków (Uniwersytet Jagielloński)

selected faculties: administration, biotechnology, economics, information technology pedagogy, management, public health, law

Collegium Medicum UJ

Selected faculties: surgery, dentistry, cardiology, pharmacy, health sciences

Hugon Kollataj Academy of Agriculture (Uniwersytet Rolniczy im. Hugona Kollataja)

selected faculties: biotechnology, economics, geodesy and cartography, environmental engineering, forestry, horticulture, agriculture, agricultural and forestry technology, animal husbandry.

Academy of Economy in Kraków (Uniwersytet Ekonomiczny)

selected faculties: economics, finance and banking, spatial management, information technology and econometrics

Selected investors in the region

Firm	Sector	Location
Arcelor Mittal Poland	metallurgical	Kraków
Akamai	information technology	Kraków
Bahlsen	food processing	Skawina
BP Polska	trade	Kraków
Brown Brothers Harriman	financial services	Kraków
Capgemini	financial services, outsourcing	Kraków
Cathay Pacific	airlines	Kraków
Cisco	information technology, shared services	Kraków
Delphi Automotive Systems	automotive	Kraków
Google	information technology	Kraków
Grupa Kęty SA (Enterprise Investors)	construction	Kęty
HCL	financial services	Kraków
Hochtief Polska- Oddział KPIS-Cracovia	construction	Kraków
HSBC	financial services	Kraków
Linde Gaz Polska	chemical	Kraków
MAN	automotive	Niepołomice
Motorola	information technology	Kraków
Nidec Motors & Actuators (Poland)	automotive	Niepołomice
Philip Morris International	tobacco, shared services	Kraków
RR Donnelley	printing, shared services	Kraków
Saint-Gobain Velimat Polska	glass production	Gorlice
Schneider Electric Industries Polska	engineering industry	Bukowno
Shell	trade, shared services	Zabierzów
State Street	financial services	Kraków
Tesco Polska	trade, financial services	Kraków
TEVA Pharmaceuticals Polska	pharmaceuticals	Kraków
TRI Poland	chemical	Wolbrom
UBS	financial services	Kraków
Valeo Autosystemy	automotive	Chrzanów, Skawina

FDI value

Małopolskie (2014)	Total value 1989-2013 19.2 bln USD	2014	1.2 bln USD
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Export value

Małopolskie (2013)	Total value: 7.2 bln EUR	Grow y/y	5%
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