

# **A New Stage of Modernization of the Russian Education System: Growth of Opportunities or Strengthening of Contradictions?**

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“Models of Human Development of Youth in the Region: the  
Necessary Conditions and Incentives”*

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**Currently, the Russian education system has passed through a new stage of modernization taking place:**

- on the one hand, as the reform of public policy, characterized by the adoption of a number of legislative initiatives (Federal Law №273- "On Education in the Russian Federation" (entered into force on 01.09.2013), Federal target program of education development for 2011-2015 years, Federal state educational standards (GEF) of the new generation, and others;
- on the other hand, as an objective social process.

**Objectives of the study:**

- 1) Assessment of problems and trends in the municipal education systems in the new conditions of reforming (on the case of urban, semi-urban and rural areas of Novosibirsk region);
- 2) Monitoring of social and professional orientations of school graduates - after incomplete secondary school (9<sup>th</sup> grades) and after complete secondary school (11<sup>th</sup> grades).

**Methods:**

- 1) Sociological survey by questionnaire of senior school students. The last was conducted IEIE SB RAS in the 2014/15 academic year in the urban and rural areas of Novosibirsk region. The sample contains 1247 persons.
- 2) Interviews with representatives of the administration of municipal education systems;
- 3) Collection of documentary information;
- 4) Analysis of statistical data.

# Problems and contradictions of modernization of the Russian education system

The reform of comprehensive education system

Exclusion of labor training and pre-professional education from the compulsory program of comprehensive school

The reform of professional education

Disorientation school graduates in choosing a profession

Low interest of students to engineering and natural science professions

Mass orientation of secondary school graduates at VUZes (universities)

The transition from a systematic and comprehensive learning in the basic areas of knowledge to fragmentary knowledge

Insufficient quality of education in the mass segment of general and professional education

Integration of primary (PUs) and secondary (SSUZes) professional education

Reducing the number of SSUZes\PUs and students studying by industrial professions

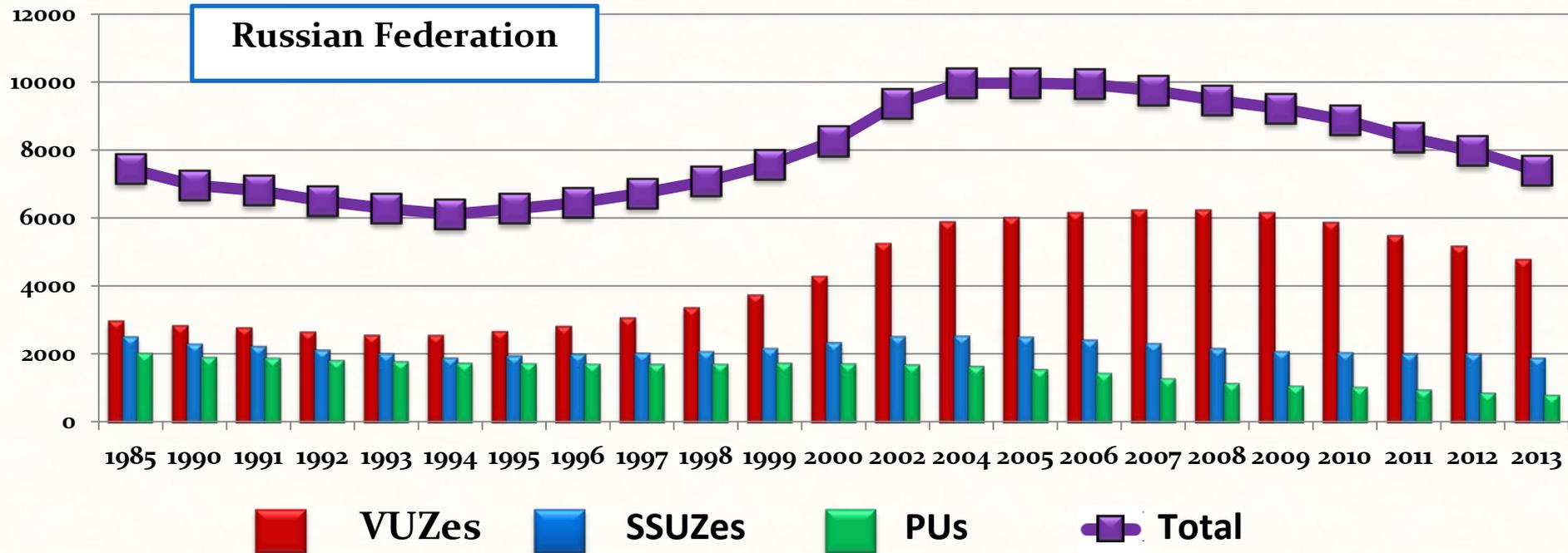
The predominance in the higher education system (VUZes) of social and humanitarian professions

Emerging new approaches of students' professional orientation, habituation of interest to engineering professions. Forming of developing environment. Formation of cultural and educational environment in the extended boundaries

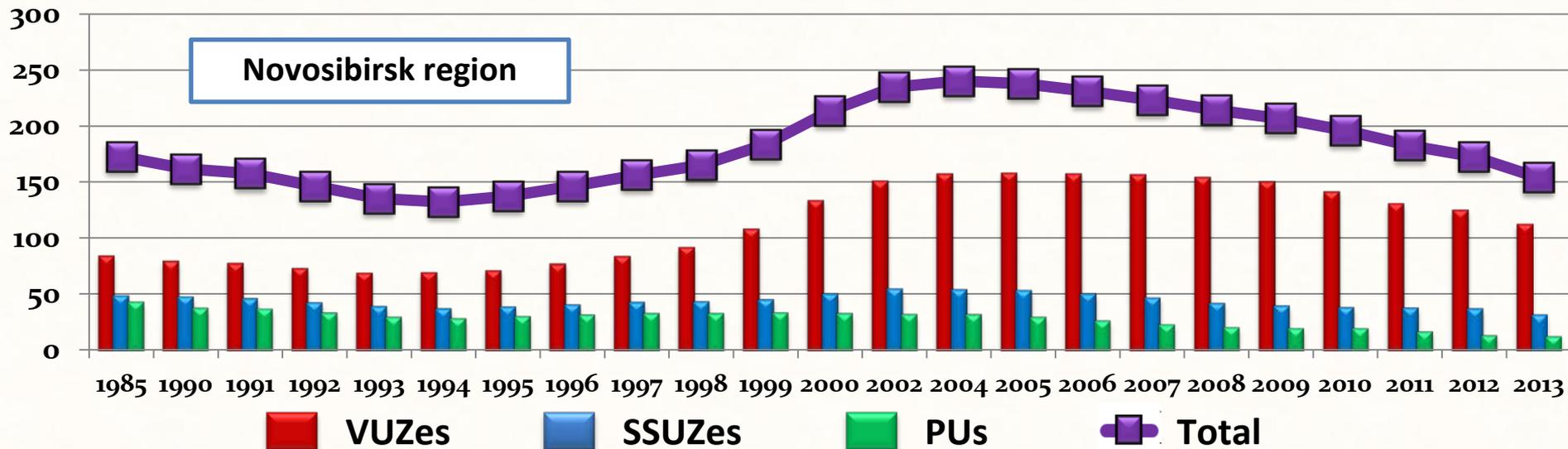
The task of re-industrialization and innovation development of the Russian economy (nominated by the society and the state at the present stage)

# The number of students of state institutions of professional education (thousand of people, 1985-2013)

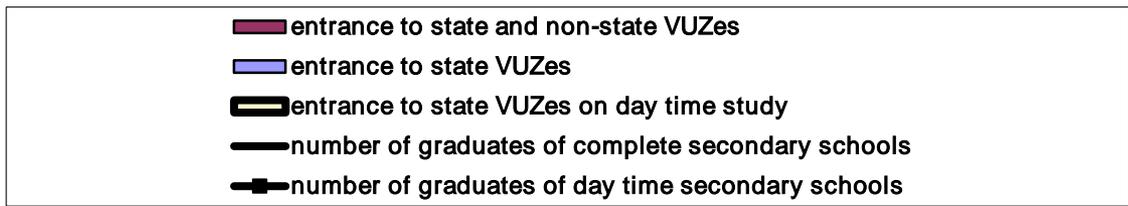
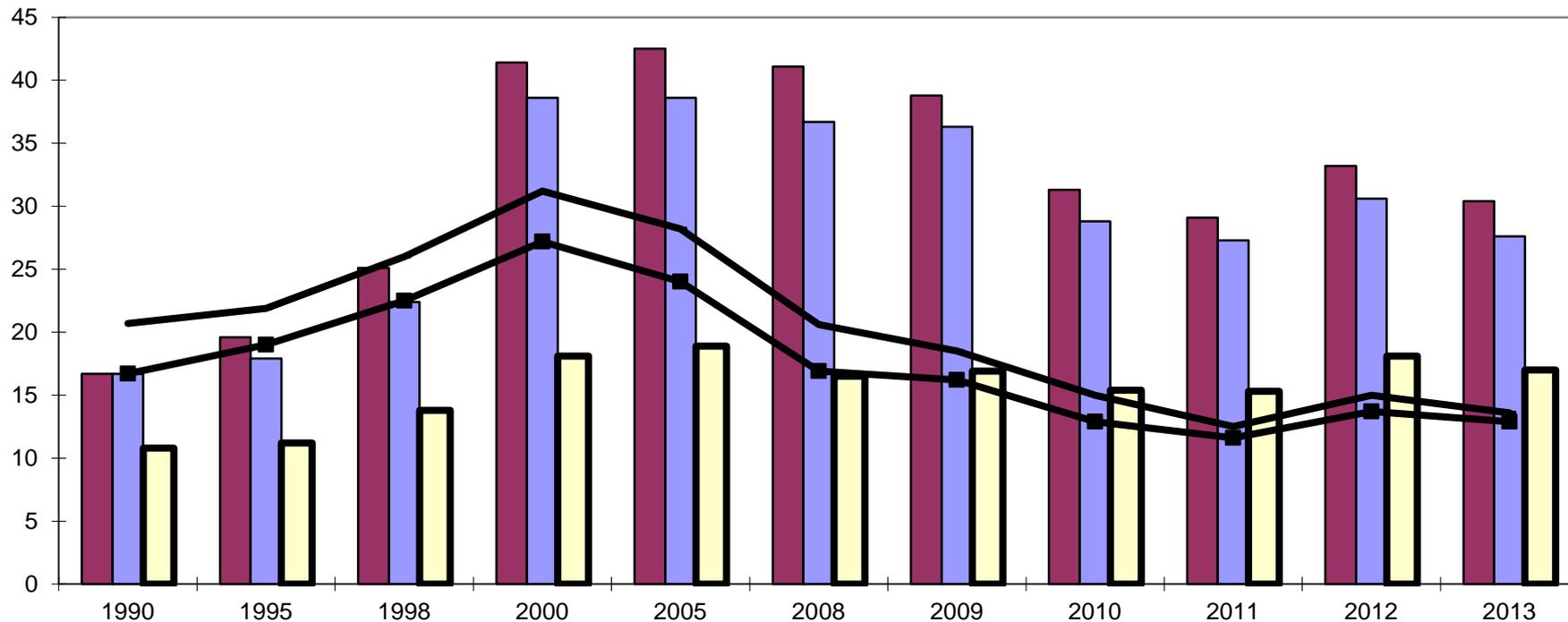
## Russian Federation



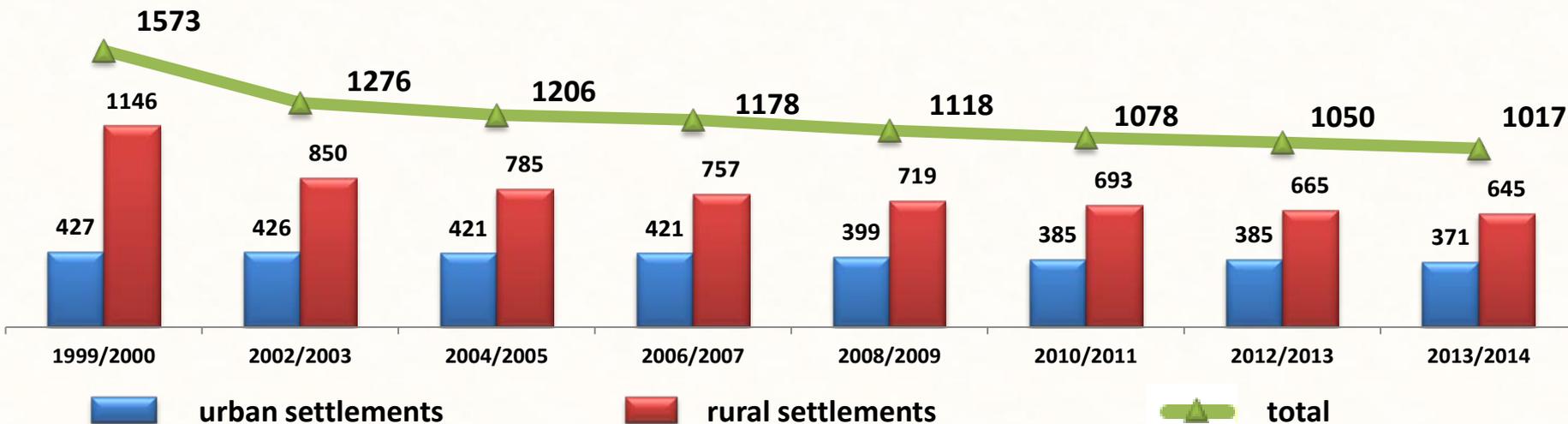
## Novosibirsk region



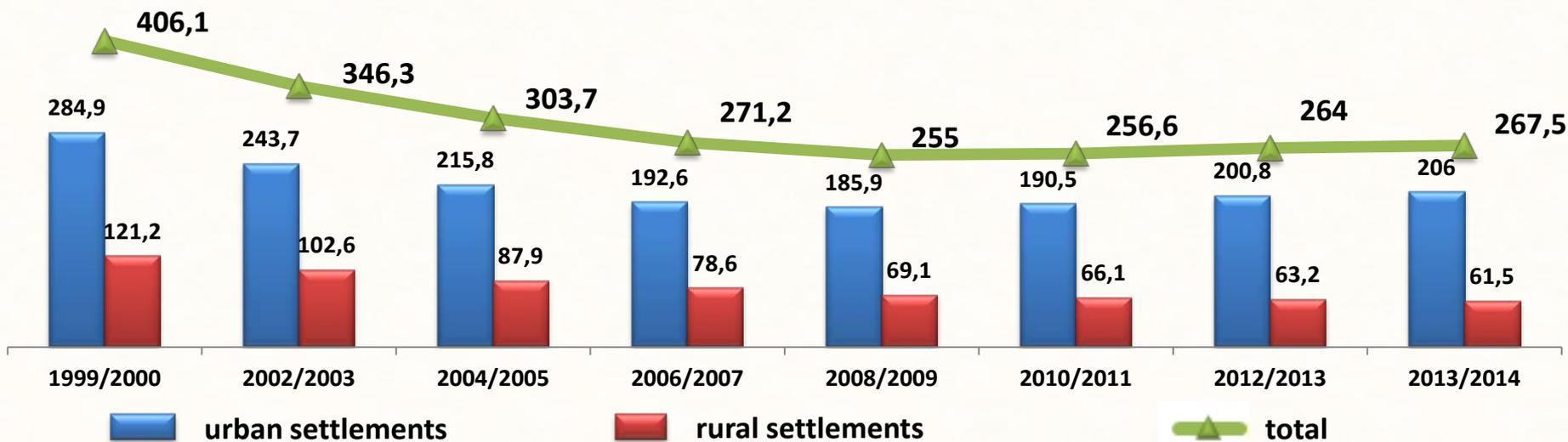
# Entrance of students in higher educational institutions of all forms of ownership and graduation from state complete secondary schools in Novosibirsk region (in thousand)



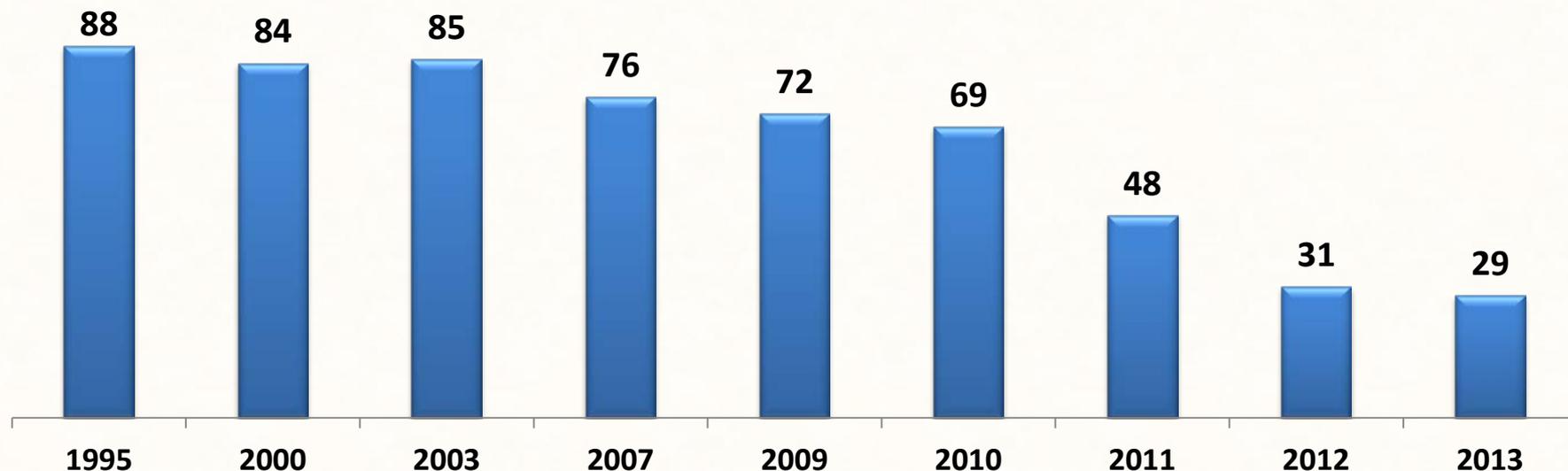
**The number of secondary schools (state and municipal, day and correspondence forms of studies) at the beginning of the school year**



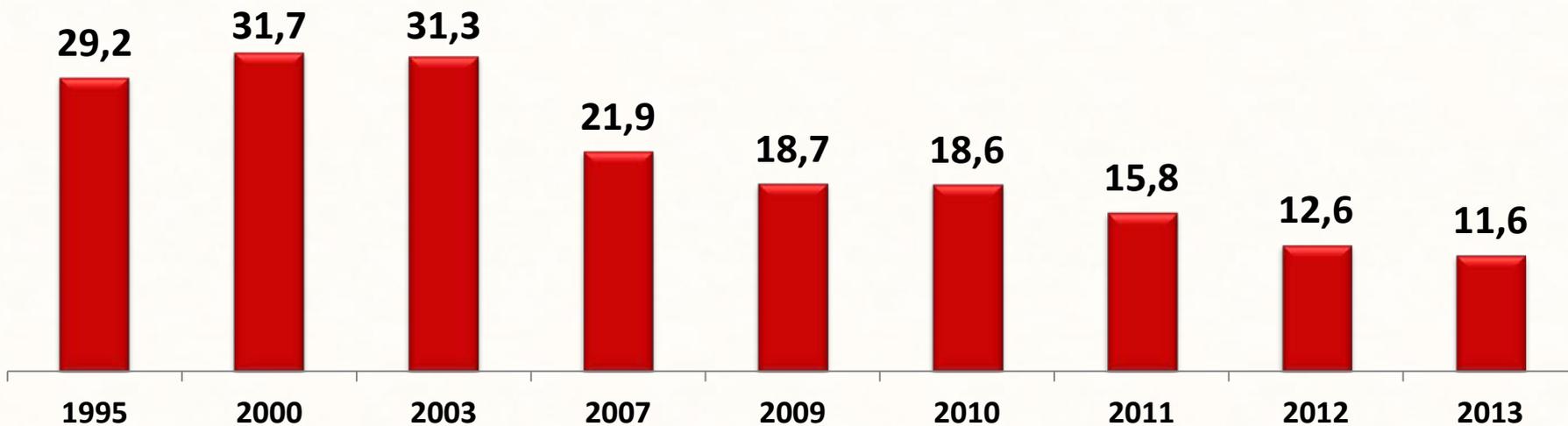
**The number of students in state and municipal schools in Novosibirsk region at the beginning of the school year, thousand of people**



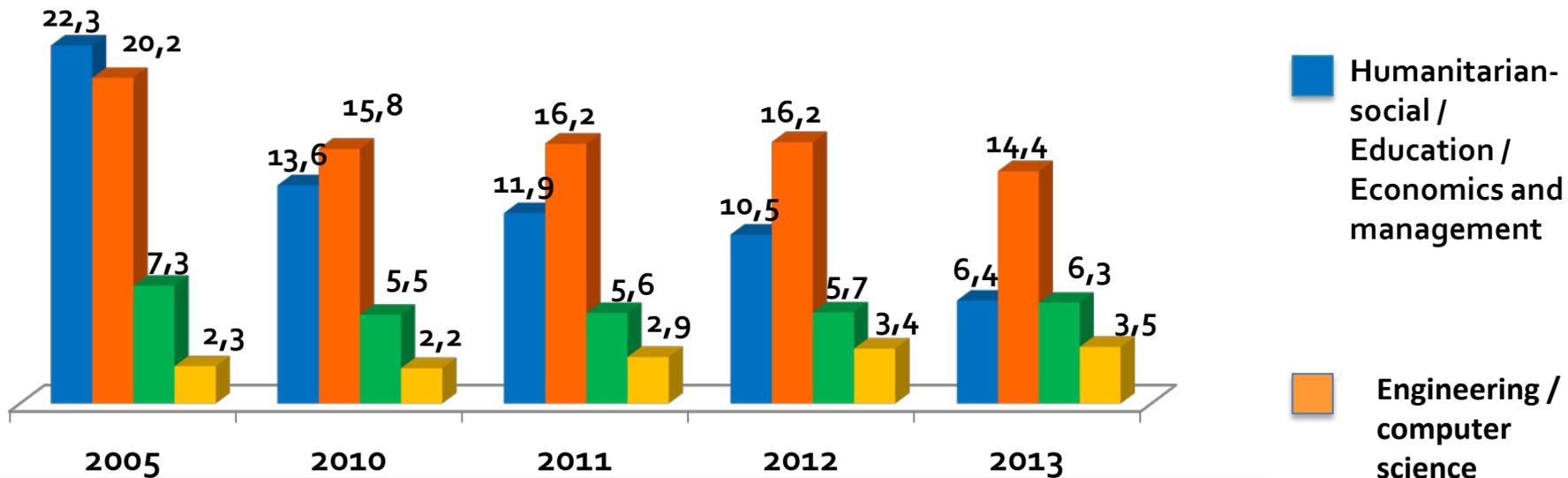
**The number of educational institutions of primary professional education (PUs) in Novosibirsk region (at the end of the year, units)**



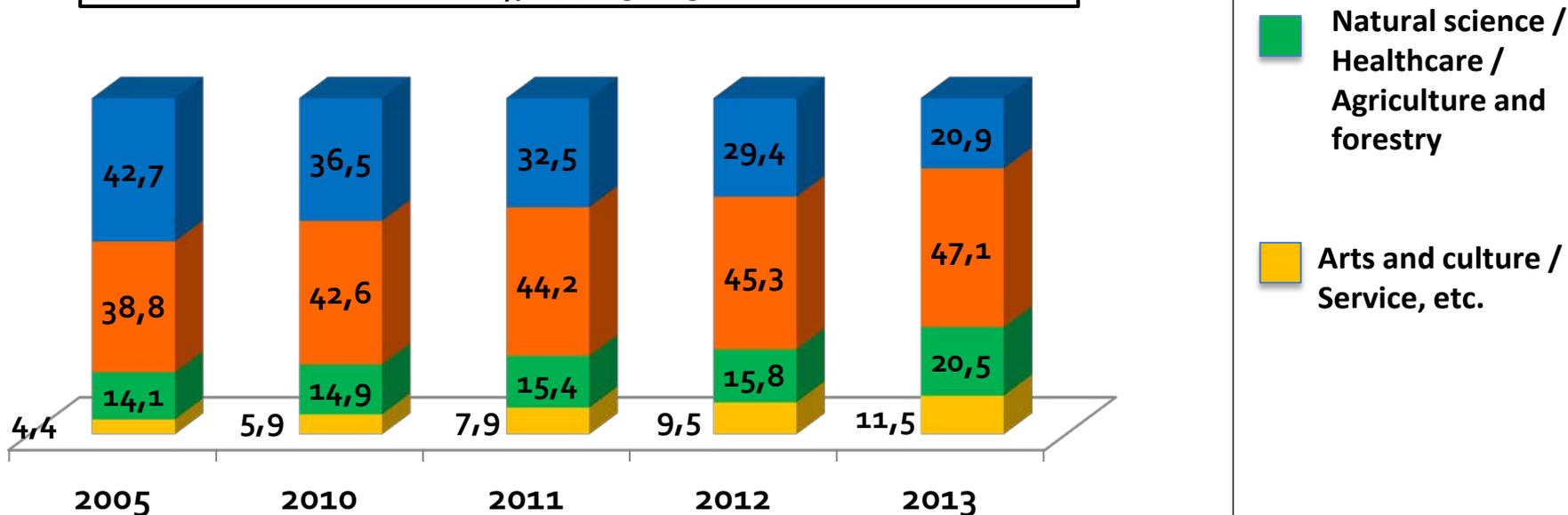
**The number of students in educational institutions of primary professional education (PUs) in Novosibirsk region (at the end of the year)**



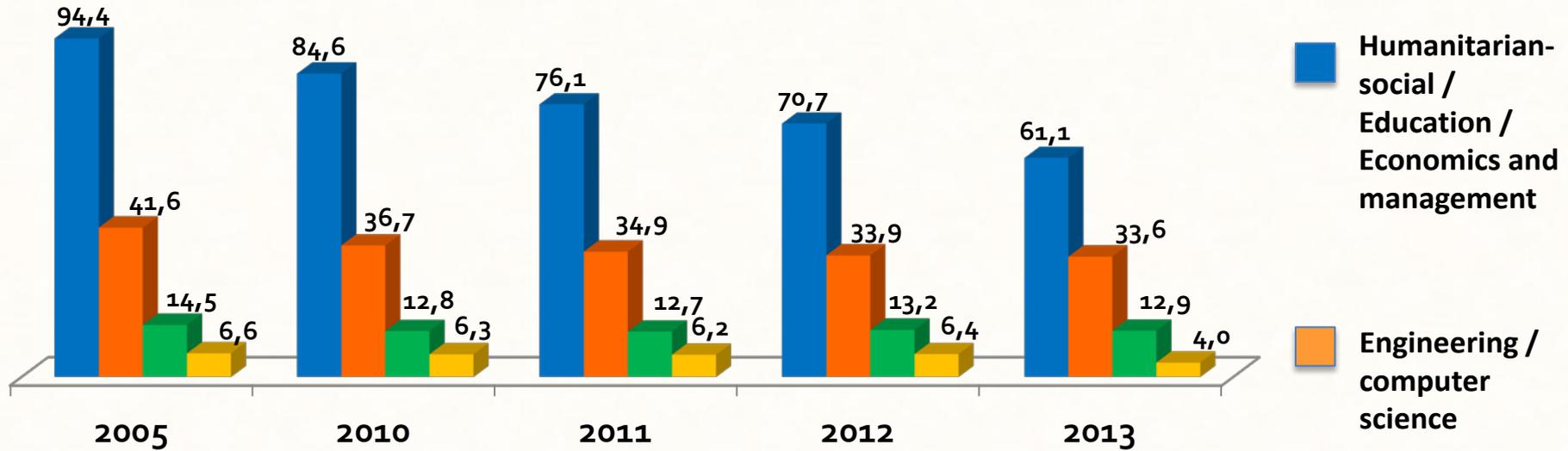
Dynamics of number of students in the state SSUZes (Colleges) of Novosibirsk region by integrated groups of professions (all forms of learning, thousand people) (2005-2013)



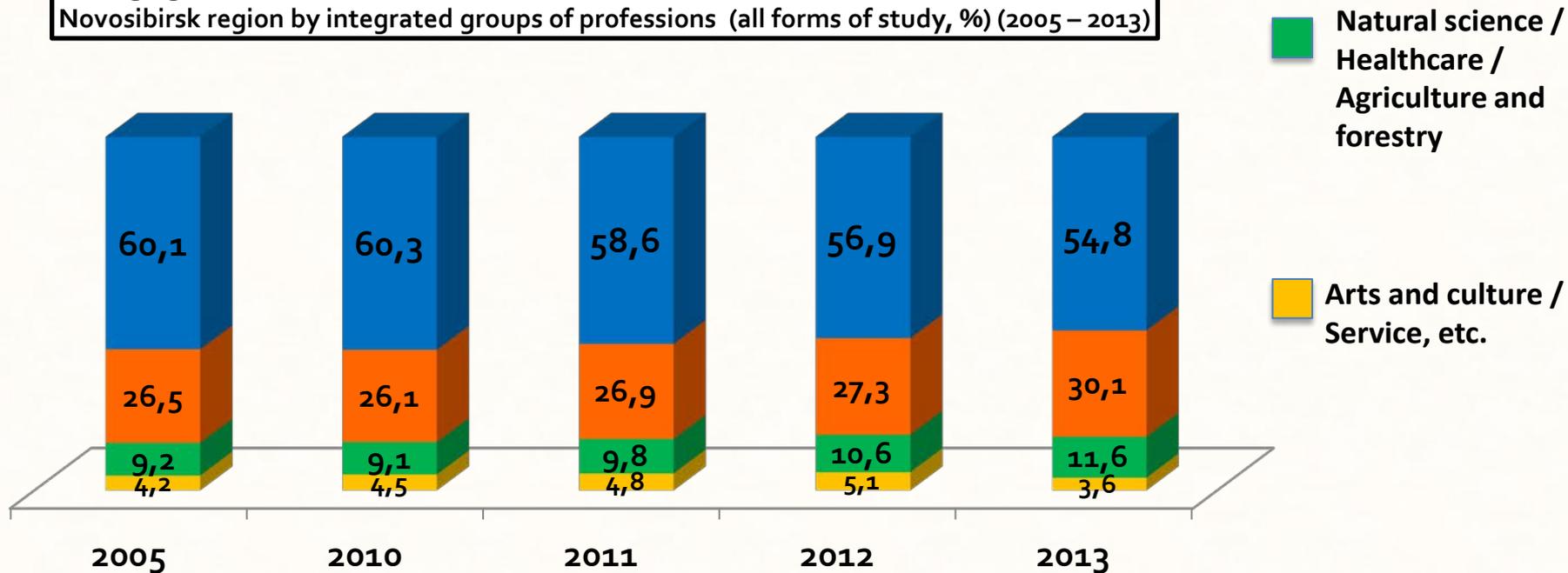
Changes in the structure and relative number of students at state SSUZes (Colleges) of Novosibirsk region by integrated groups of professions (all forms of study, %) (2005-2013)



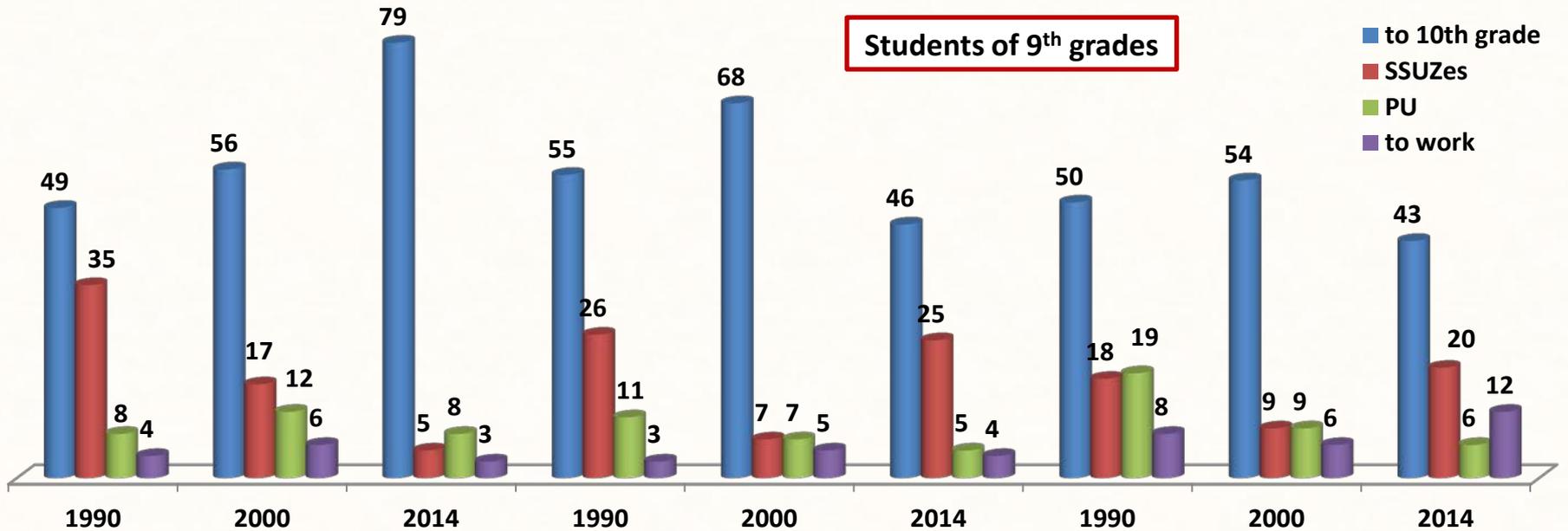
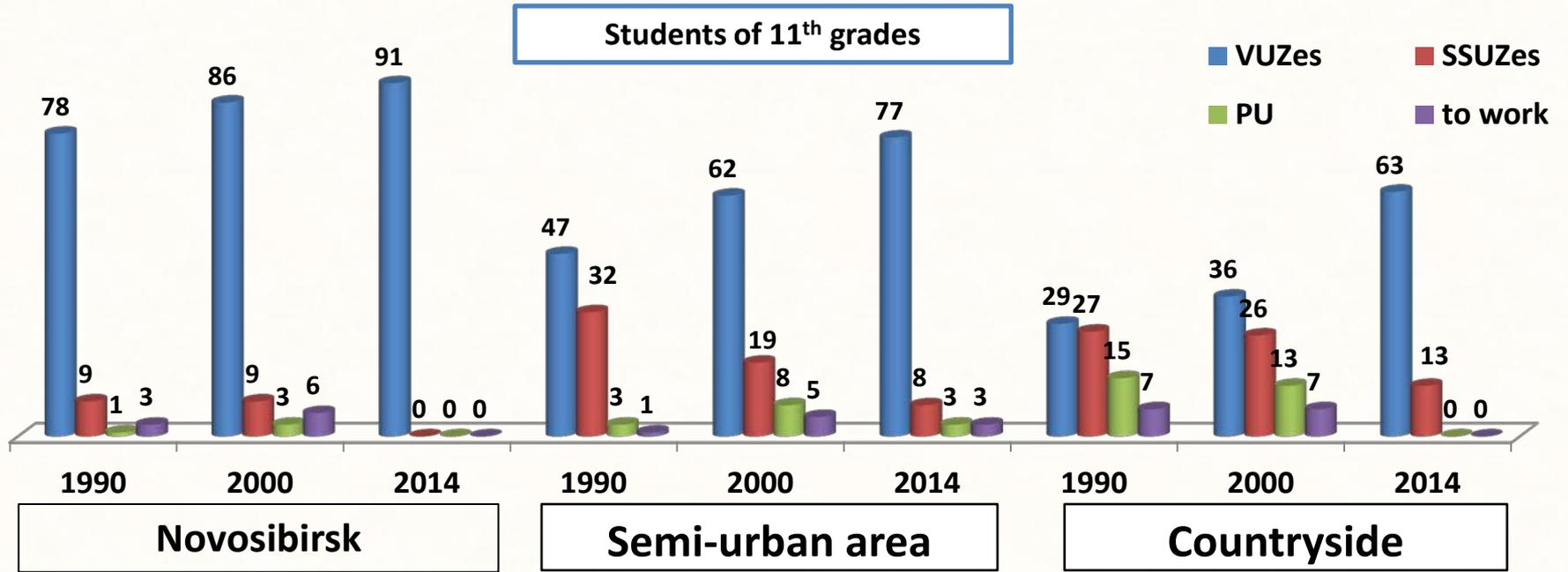
Dynamics of the number of students in state VUZes (Universities) in Novosibirsk region by integrated groups of professions (all forms of learning, thousand people) (2005 - 2013)



Changing of the structure the relative number of students in state VUZes (Universities) in Novosibirsk region by integrated groups of professions (all forms of study, %) (2005 - 2013)

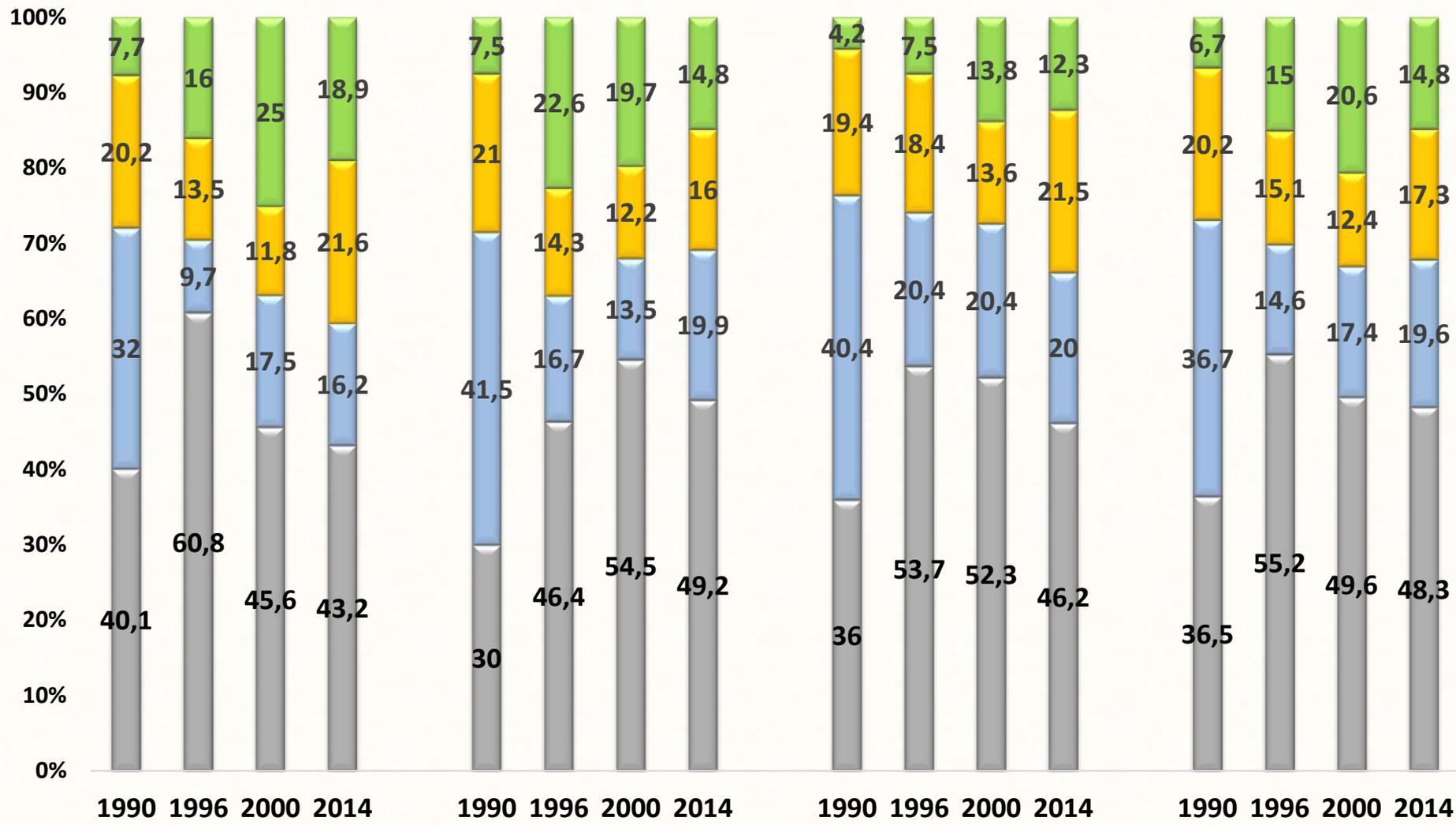


# Intentions of school graduates, % (according to the sociological surveys, IEIE SB RAS, Novosibirsk region)



# Professions aggregated by branch-oriented specialization aspired by graduates of incomplete secondary school (9<sup>th</sup> grades), %

- A sphere of regulation and control, market infrastructure
- Social services (education, healthcare, science, etc.)
- Producing and service-producing industries
- Haven't chosen a profession



**Novosibirsk**

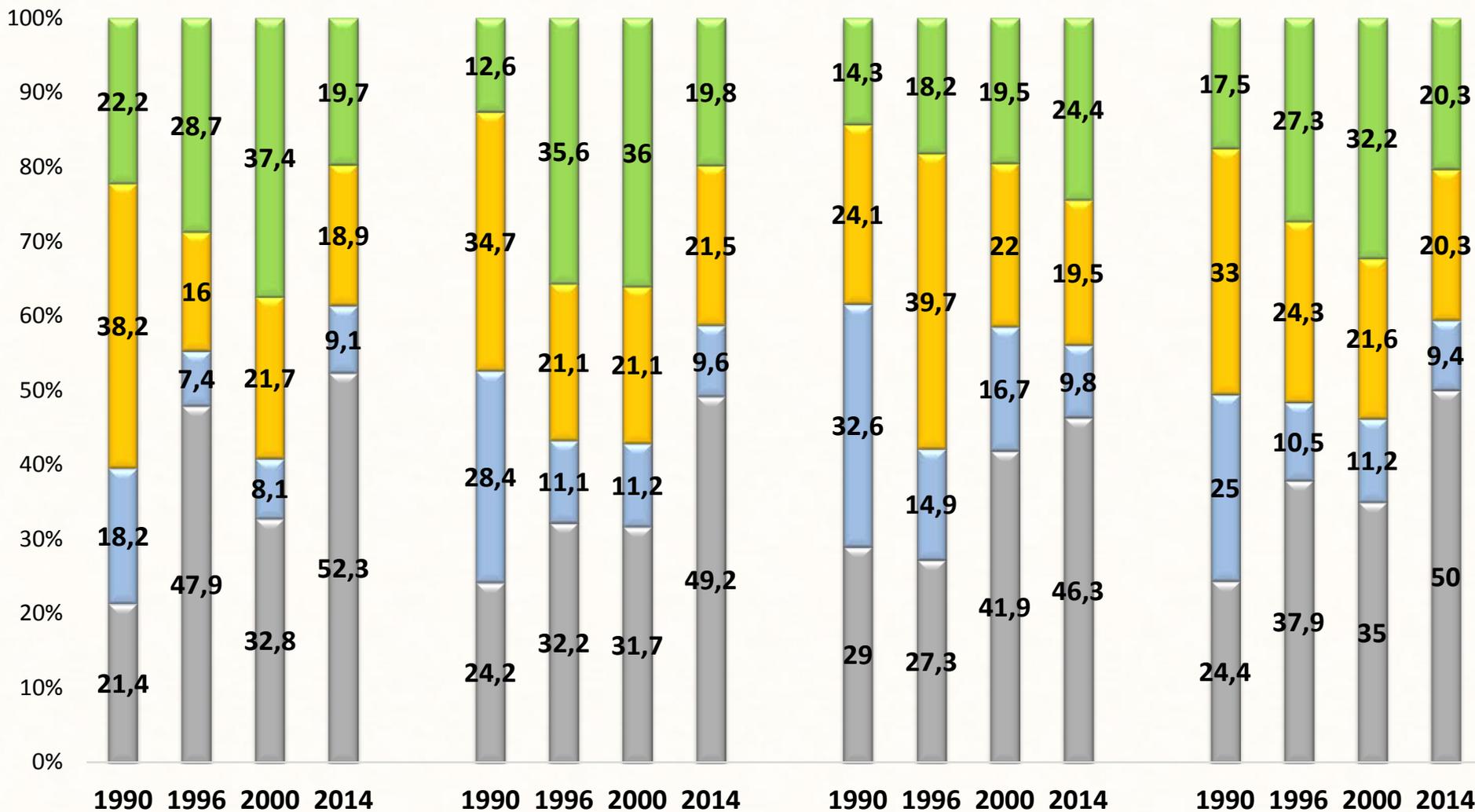
**Semi-urban area**

**Countryside**

**All array**

# Professions aggregated by branch-oriented specialization aspired by graduates of complete secondary school (11<sup>th</sup> grades), %

- A sphere of regulation and control, market infrastructure
- Social services (education, healthcare, science, etc.)
- Producing and service-producing industries
- Haven't chosen a profession



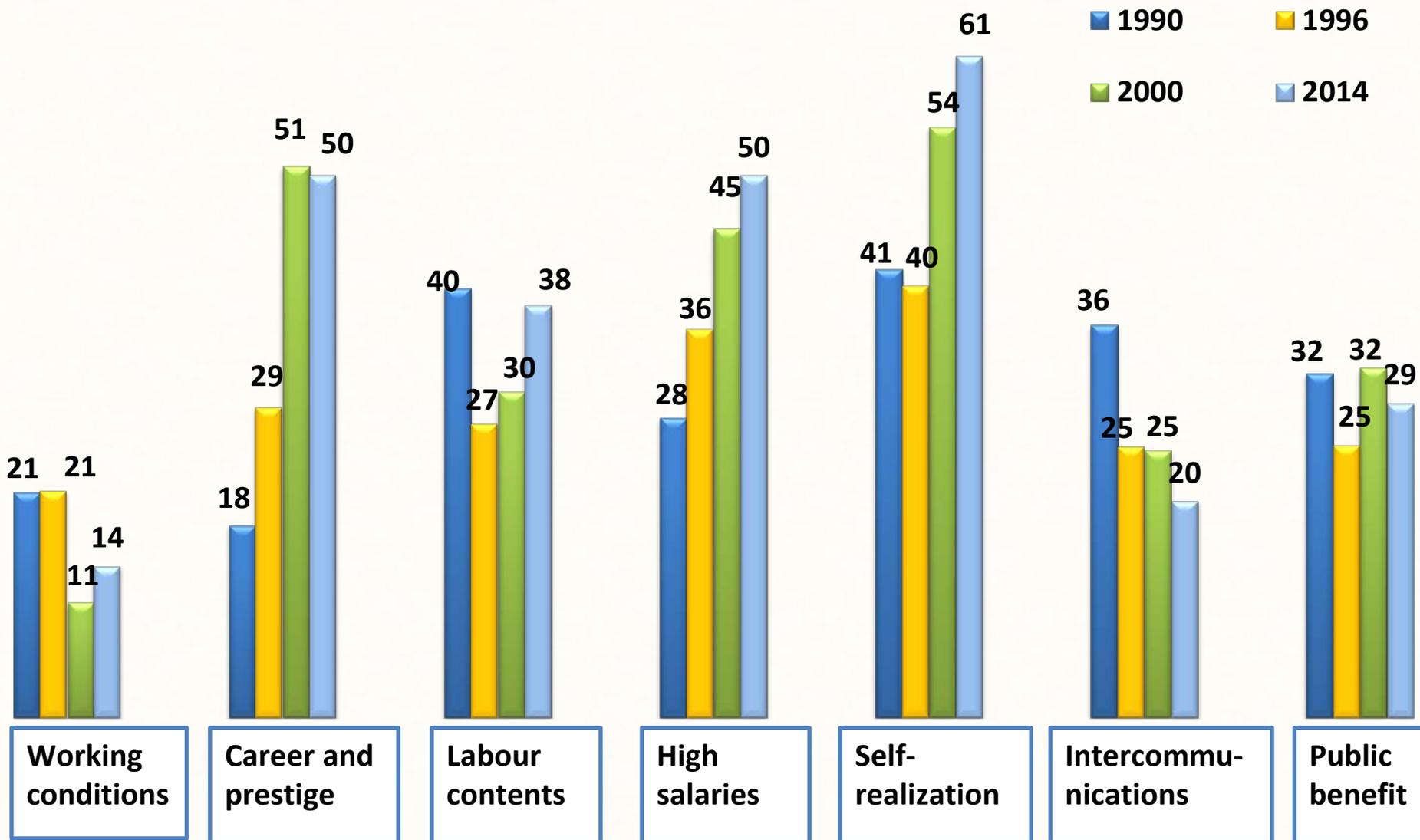
**Novosibirsk**

**Semi-urban area**

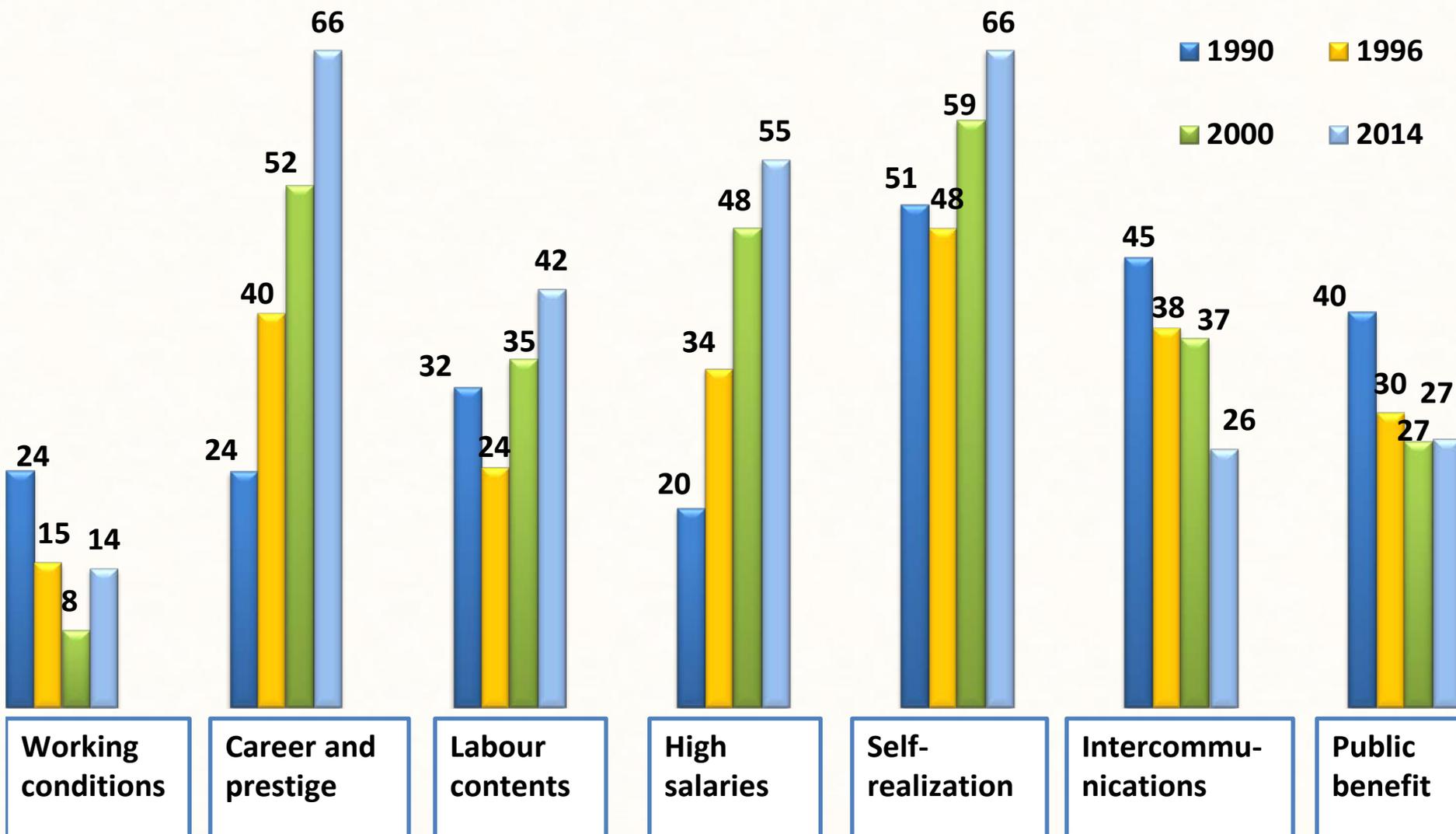
**Countryside**

**All array**

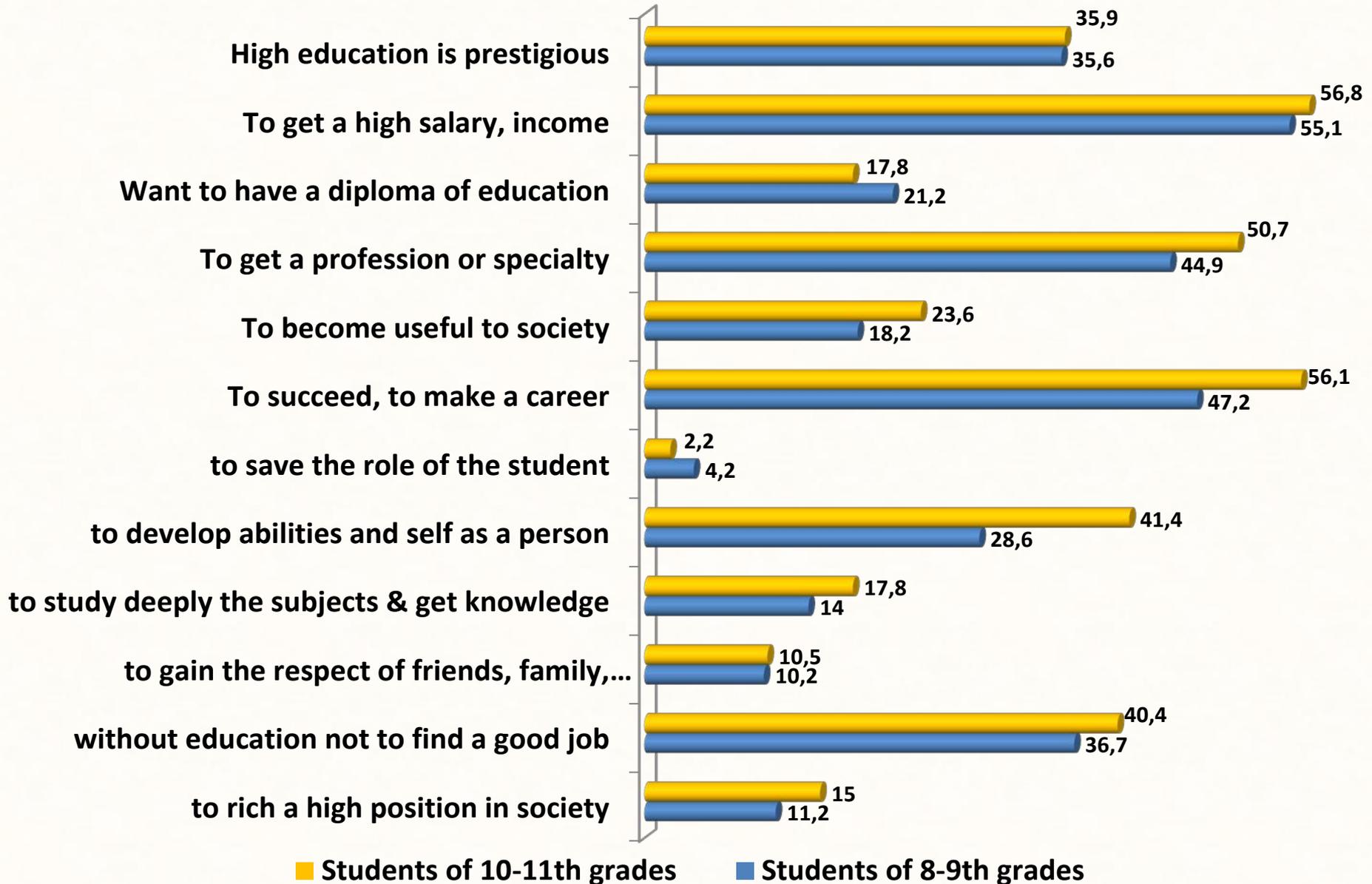
# Aggregated motives of choosing a profession among 9<sup>th</sup> grades in Novosibirsk region, %



# Aggregated motives of choosing a profession among 11<sup>th</sup> grades in Novosibirsk region, %



The distribution of responses of secondary school students to the question "If you're going to study further after school, then why?" (Novosibirsk region, 2014)

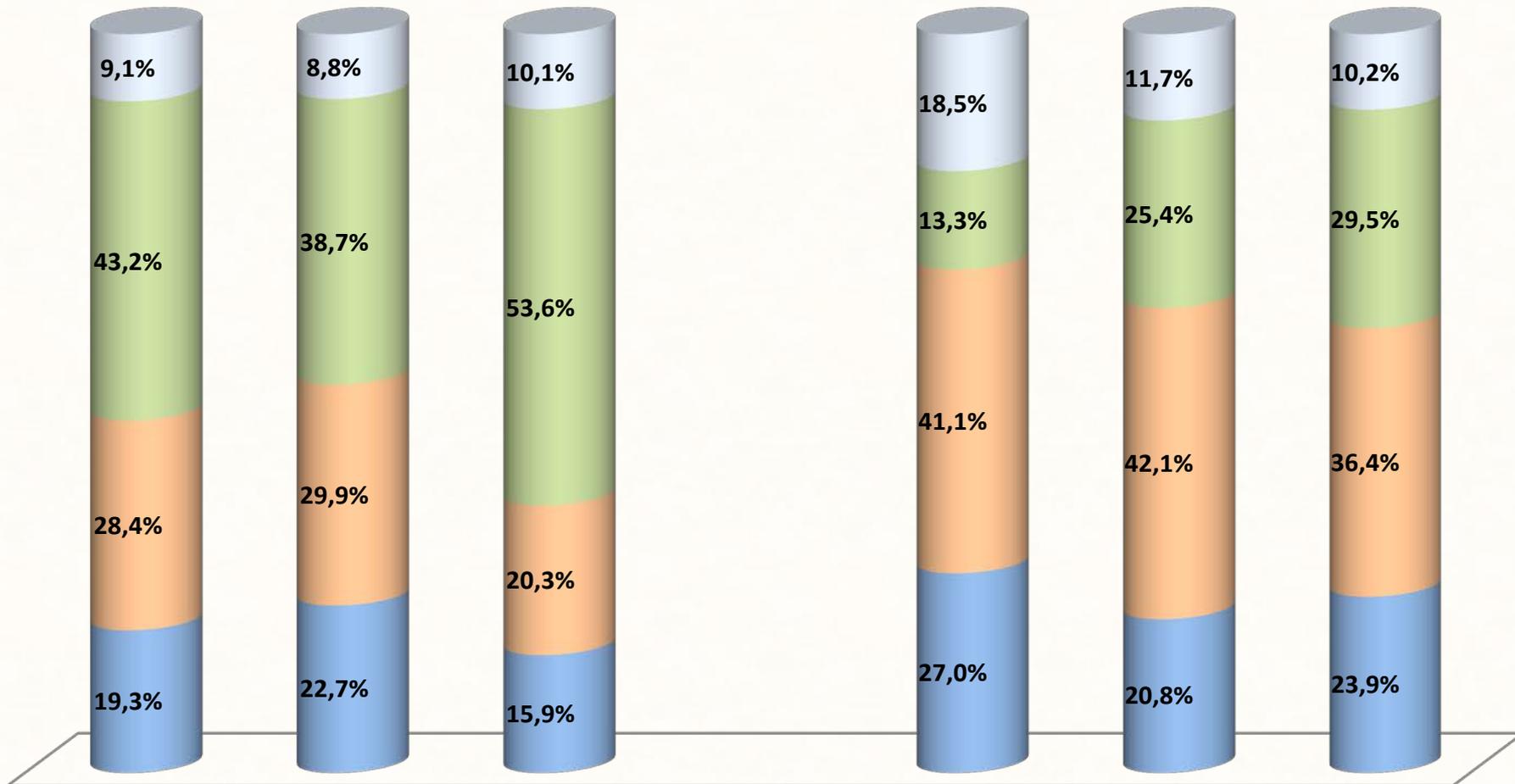


# Students' answers to the question "Do your family consider the paid education in university or college?"

9th grades

10<sup>th</sup> - 11<sup>th</sup> grades

- yes, as the main way
- yes, but as a last resort
- not yet discussed this issue
- we do not consider this way



Novosibirsk

Semi-urban  
area

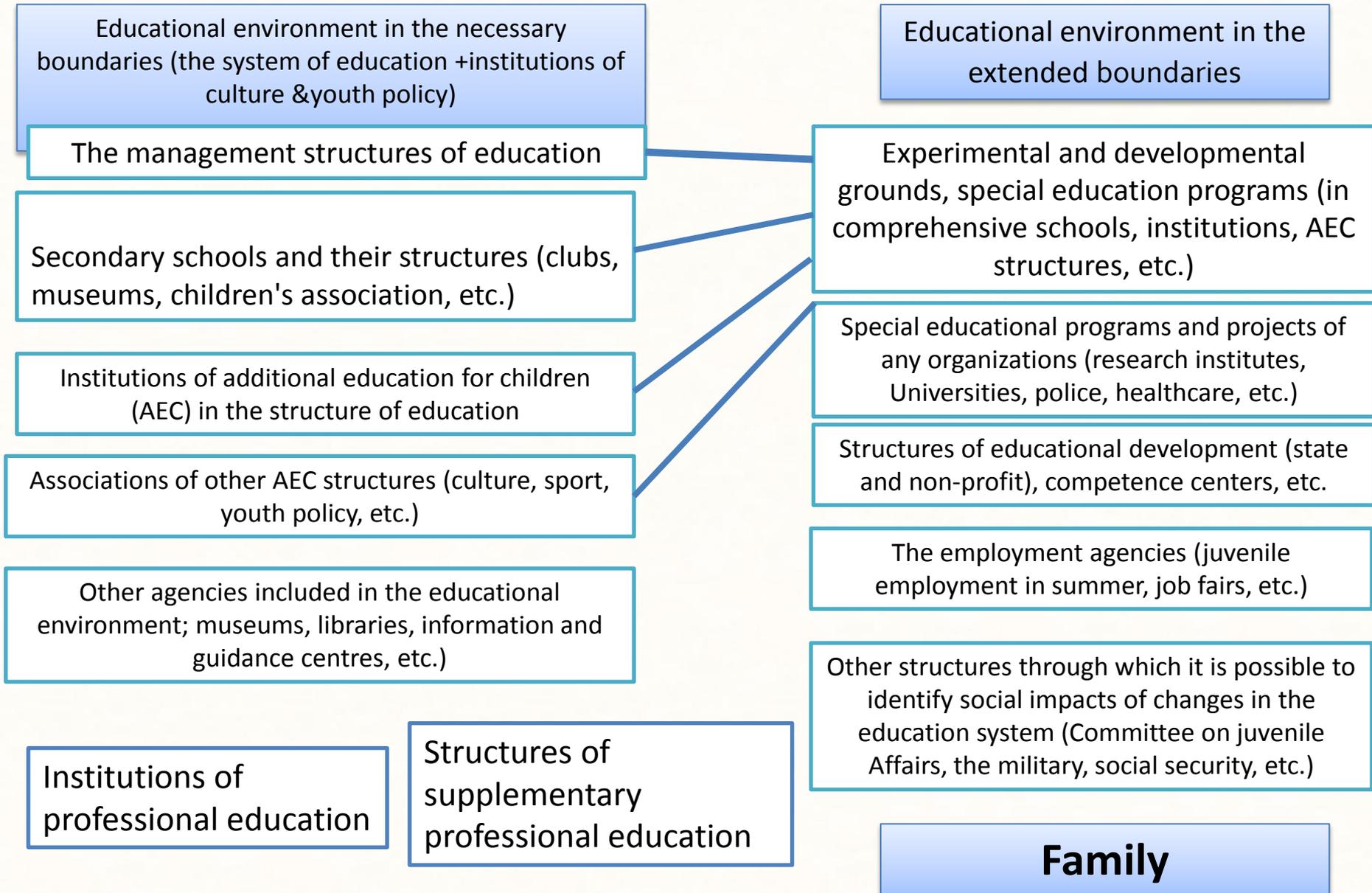
Countryside

Novosibirsk

Semi-urban  
area

Countryside

# The base of development of studying youth potential



# The totality of educational programs

