

METHODS AND RESULTS FOR CONSIDERATION OF CLIMATIC FACTORS INFLUENCE ON THE SOCIO-ECONOMIC DEVELOPMENT IN EASTERN SIBERIA

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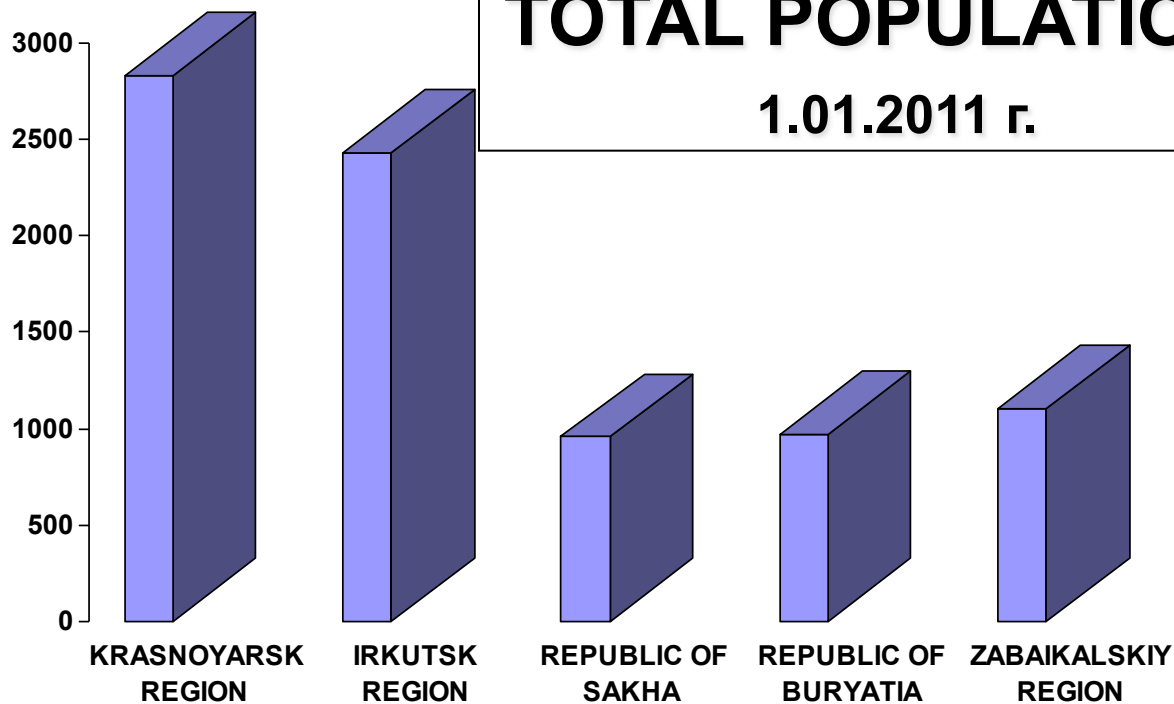
1) The V.B. Sochava Institute of Geography SB RAS, Irkutsk

2) Siberian Institute of Plant Physiology and Biochemistry SB RAS, Irkutsk

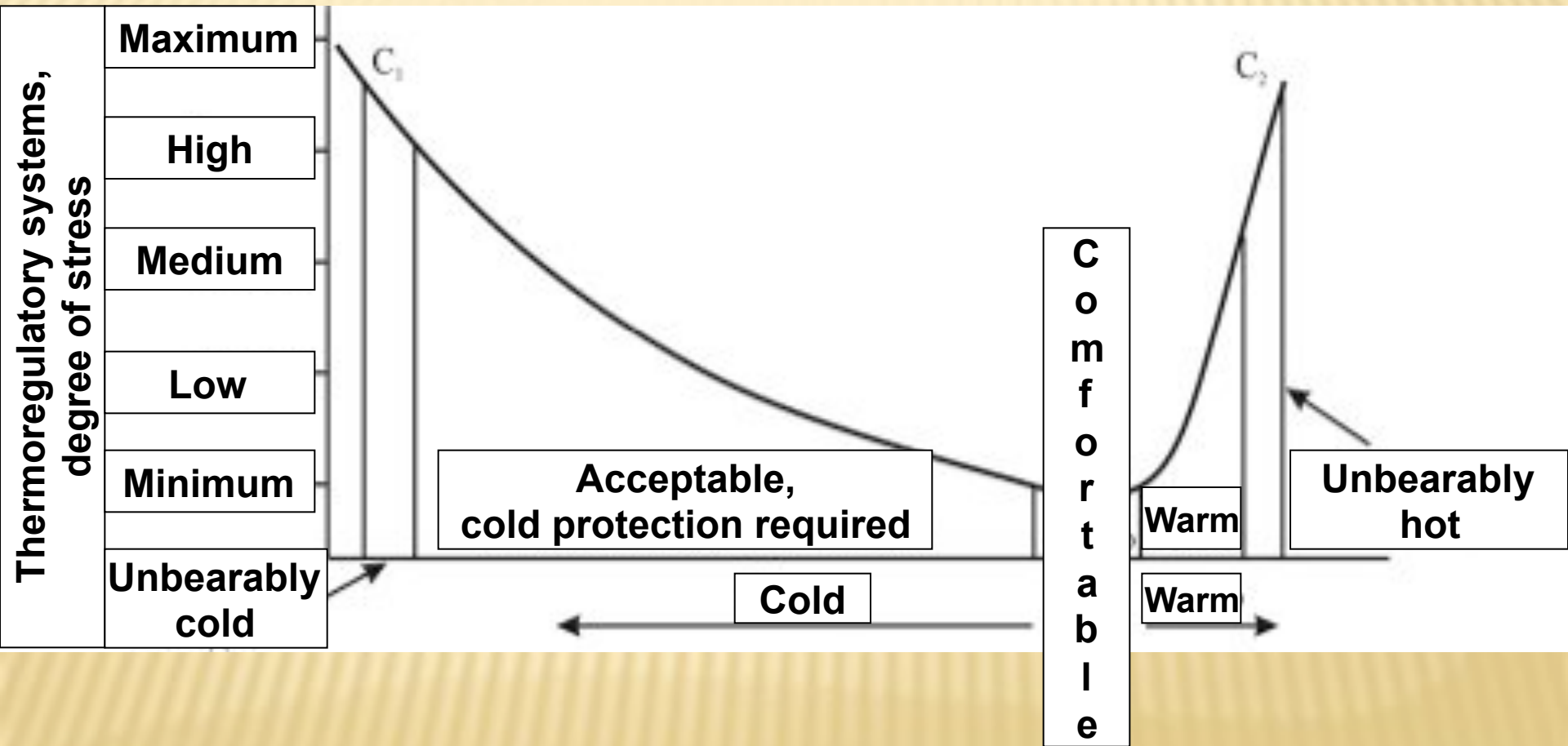


TOTAL POPULATION, 1.01.2011 г.

per thousand of people

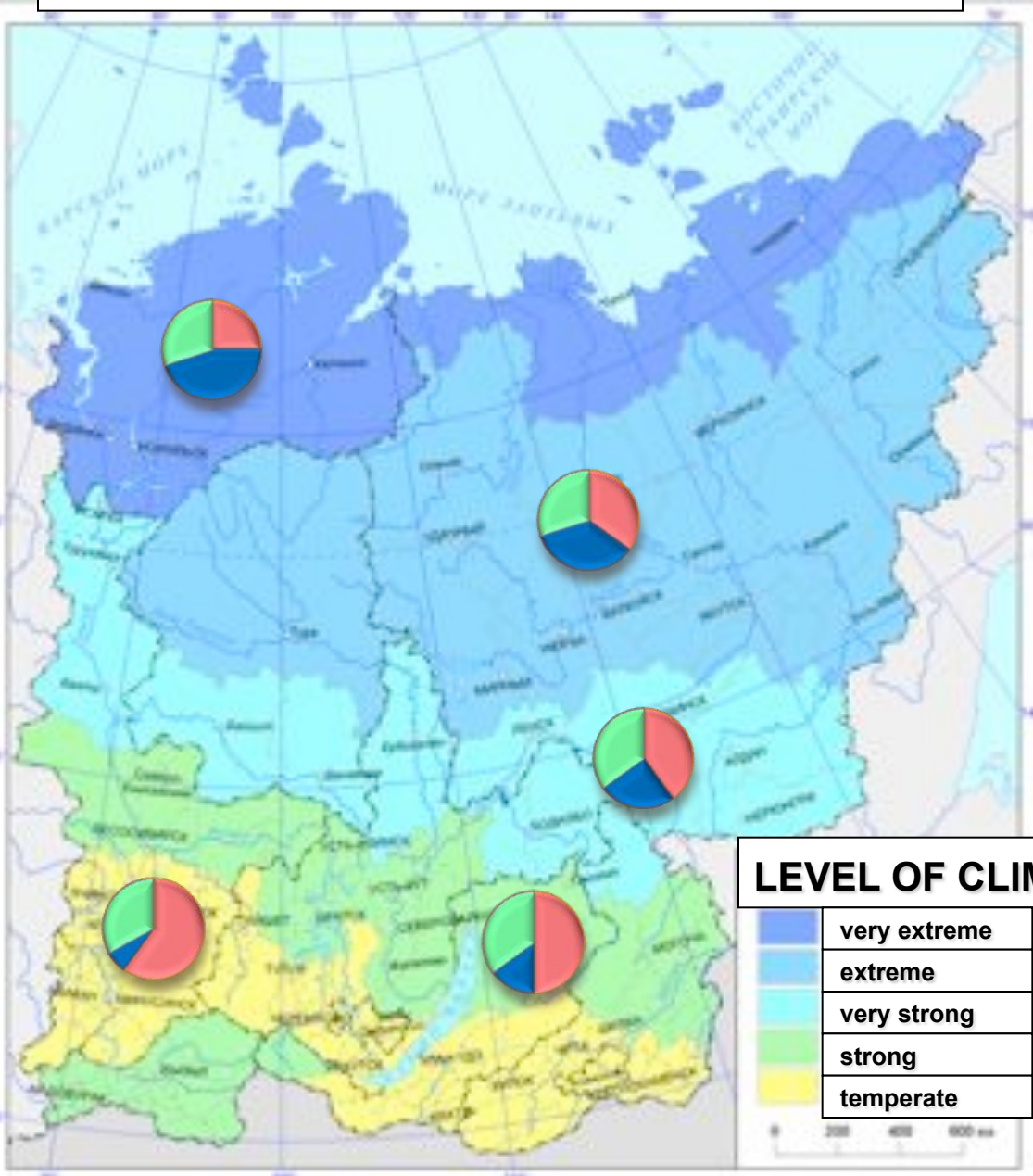


WEATHER'S INFLUENCE ON PEOPLE

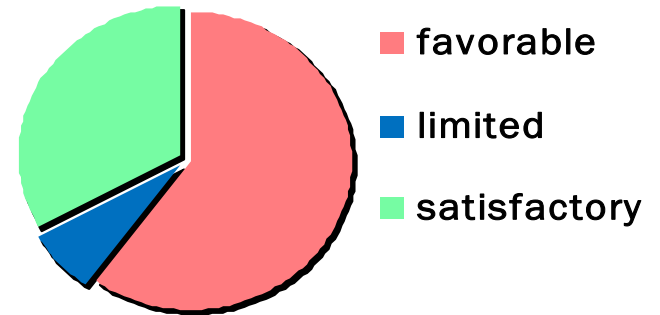


C₁ and C₂ – critical points of the zone of ecological tolerance

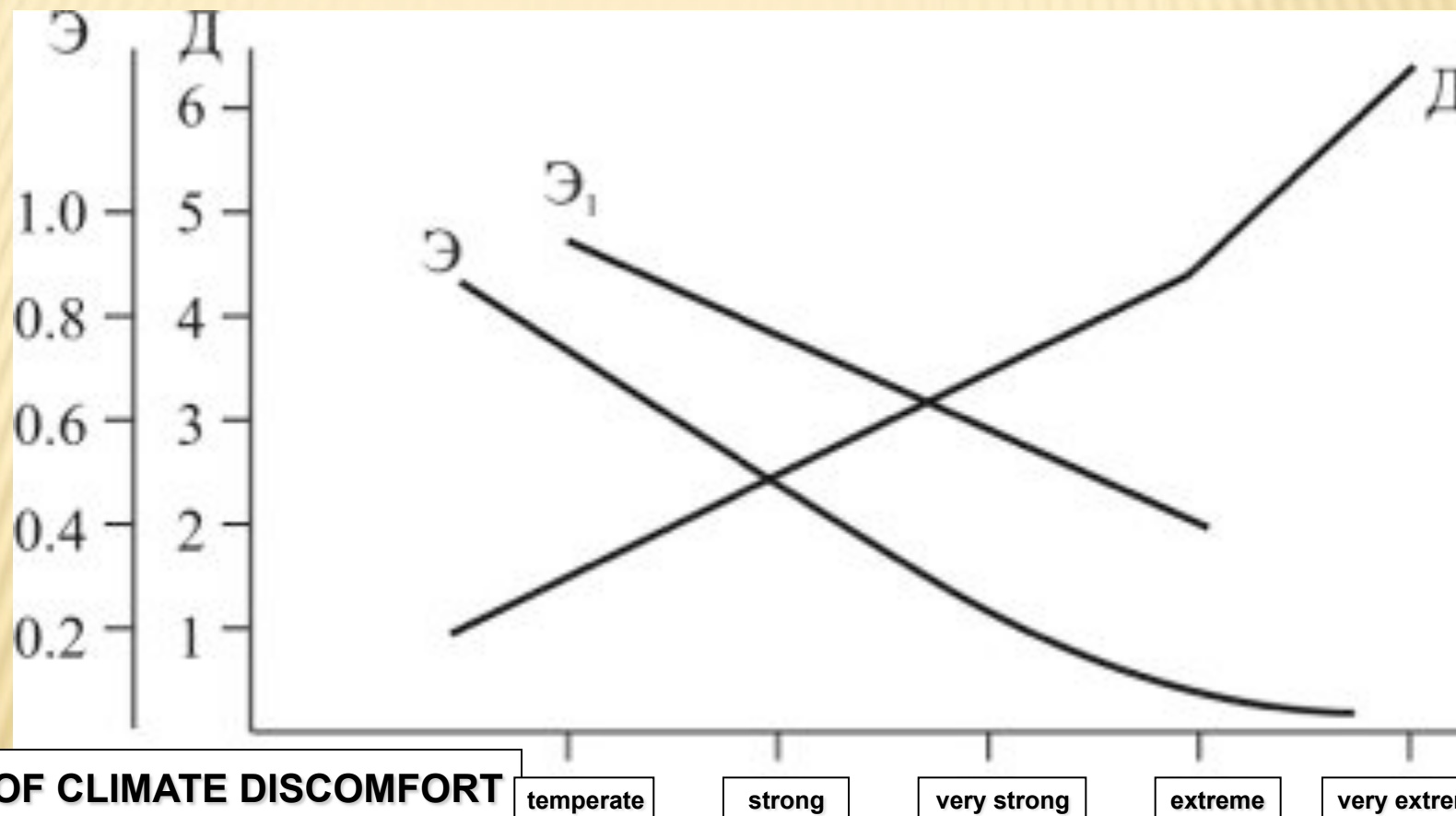
CLIMATE DISCOMFORT



Repeatability of weather, %



ESTIMATION OF SOCIAL SIGNIFICANCE OF CLIMATIC RESOURCES



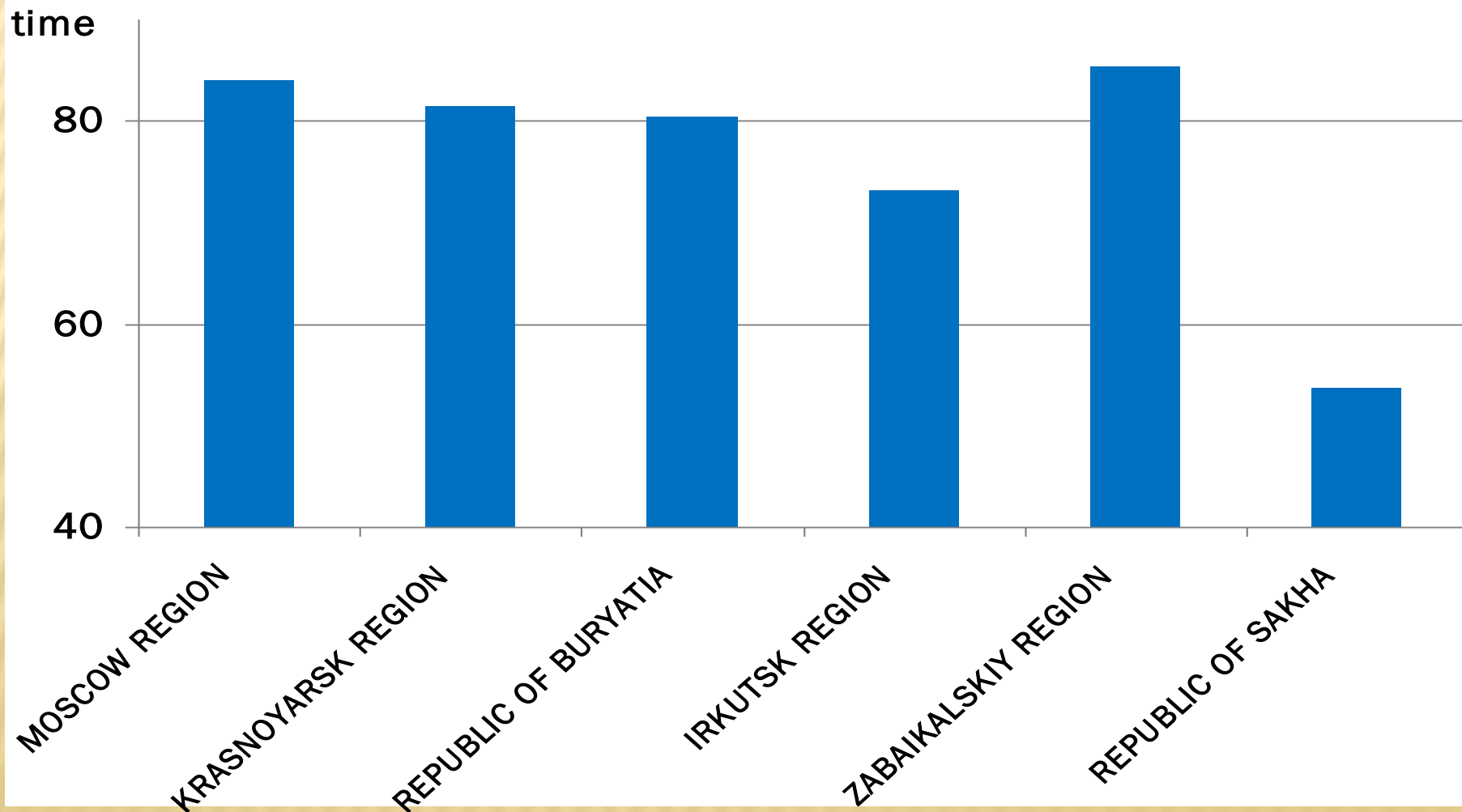
INDICATORS: Д – discomfort;
Э, Э₁ – effectiveness of open air work

ESTABLISHED LIVING WAGE IN SUBJECTS OF RF

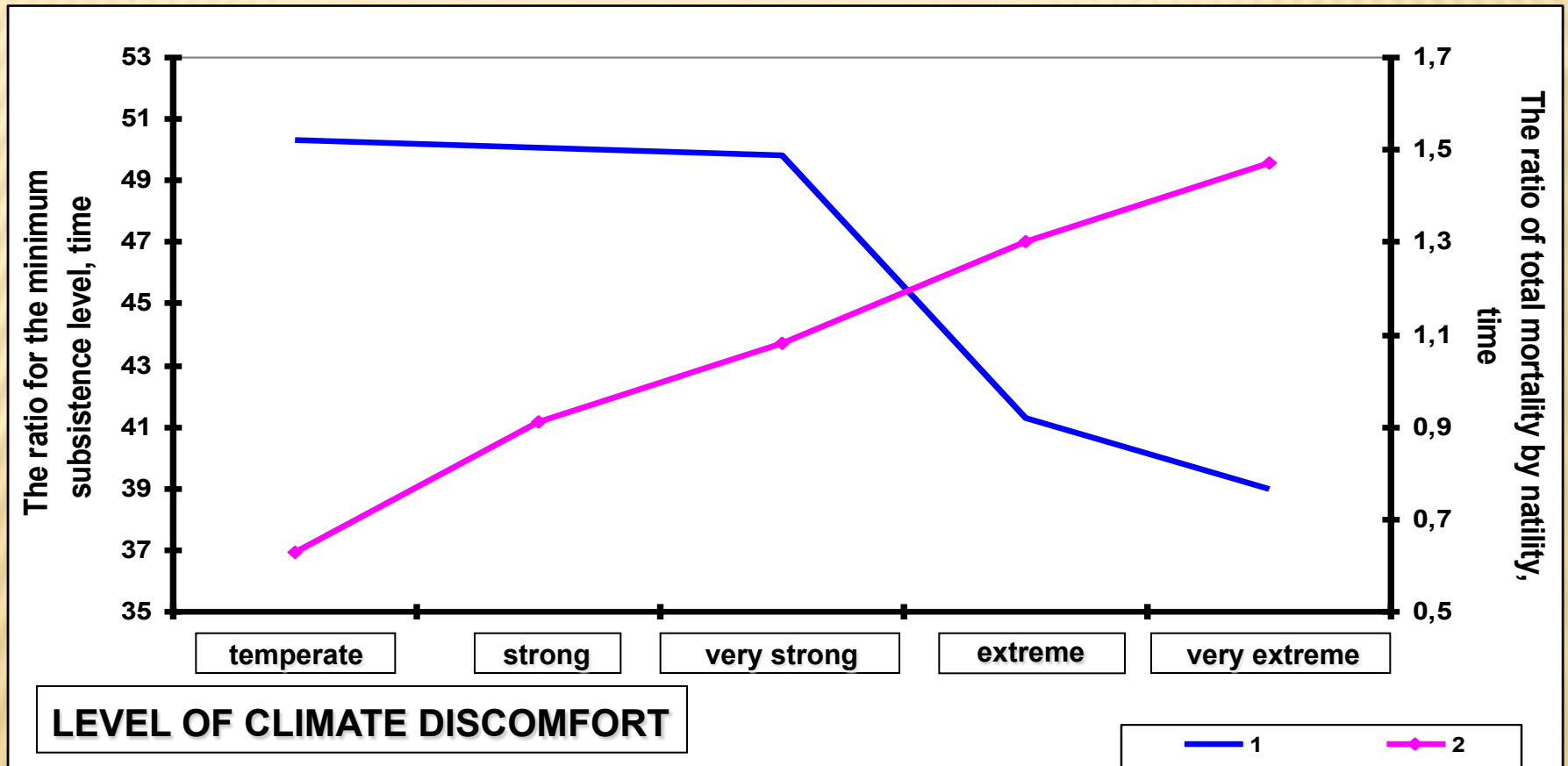
SUBJECTS OF RF	SUBSISTENCE MINIMUM, ruble.				
	1994	2010	Ratio 2010/1994	Taking into account the price index	Difference between set minimum and taking into account the price index
MOSCOW REGION	82,0	6 585	80,3	6 896	-311
REPUBLIC OF SAKHA	205,8	9 207	44,7	11 051	-1 844
IRKUTSK REGION	102,4	5 667	55,3	7 506	-1 839
REPUBLIC OF BURYATIA	99,7	5 643	56,5	8 026	-2 383
KRASNOYARSK REGION	88,4	6 557	74,5	7 213	-656
ZABAIKALSKIY REGION	132	5 757	43,6	11 273	-5 516

ACCUMULATED CONSUMER PRICE INDEX

(1994-2010 years)



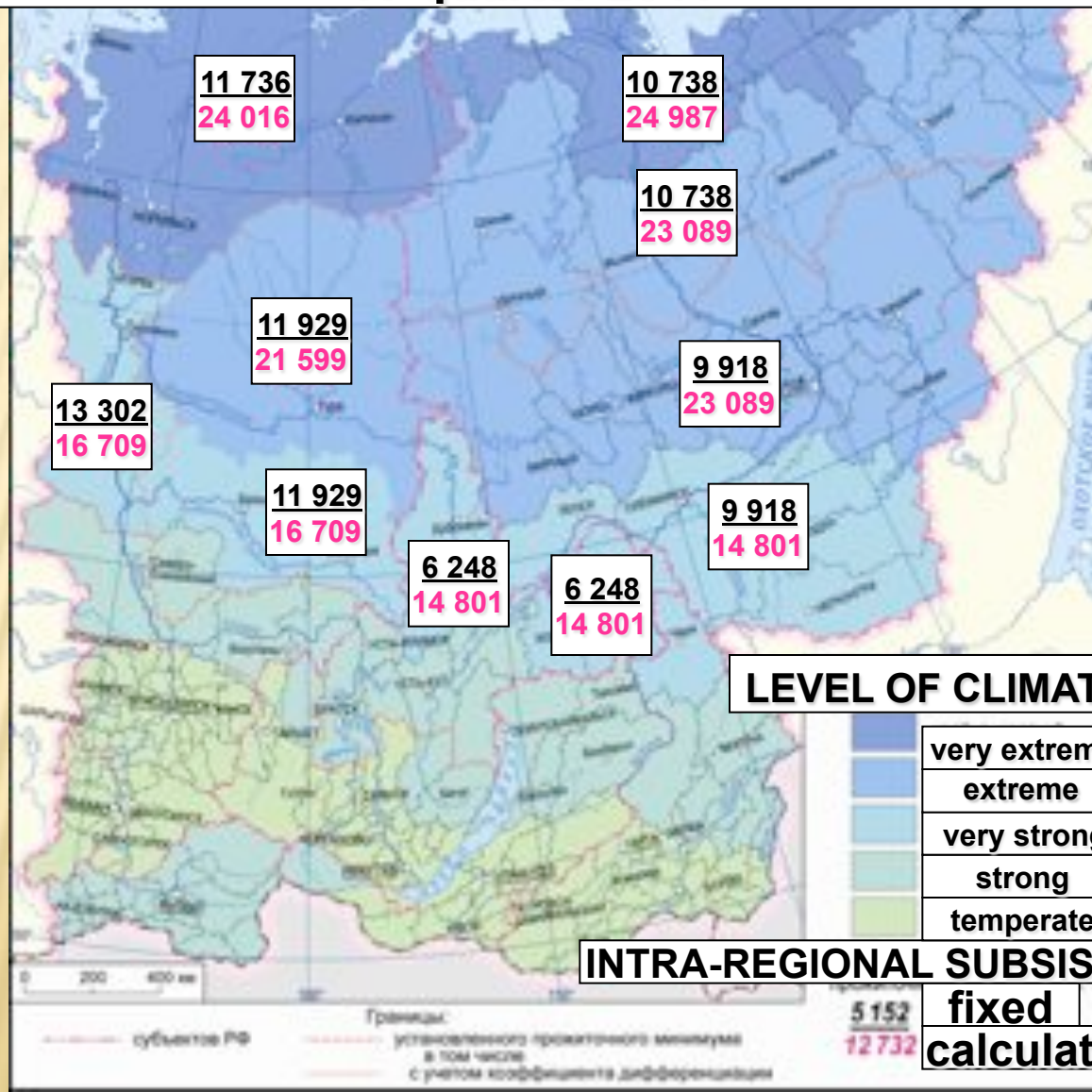
CHANGING DEMOGRAPHIC CHARACTERISTICS AND SUBSISTENCE MINIMUM UNDER CONDITIONS OF DIFFERENT CLIMATE DISCOMFORT



1 – The ratio for the level of subsistence minimum from 2010 till 1994;
2 – The ratio for total mortality /natility in 2010 to total mortality
/ natility in 1994.

FIXED AND CALCULATED VALUES OF THE SUBSISTENCE MINIMUM,

IV quarter 2011



SUMMARY

Climate discomfort of Eastern Siberia appears as an unavoidable natural factor, significantly rising cost of life support of the population;

Consideration of the degree of climate discomfort and poor transport development has yielded the estimated expertise level of subsistence;

Raise of the calculated level of subsistence over the established level can serve as a reference point for the improvement of the quality of life for the population and sustainable development of the Northern territories.

The main results of the study are published in the monograph "Resource measurement of social living conditions of the population of Eastern Siberia" - Novosibirsk, GEO, 2012.

**THANK YOU
FOR YOUR ATTENTION**