

Contents

Contents	5
1 Introduction	7
2 History, Sources	8
2.1 Demography	8
2.2 A very brief history	9
2.2.1 Demography in the Czech territories	11
2.3 Sources.....	12
3 Gathering of demographic data	14
3.1 Information on the status.....	14
3.1.1 Census in our territory	16
3.2 Data of population change	19
4 Basic demographic terms	24
4.1 Population.....	24
4.2 Sex.....	27
4.3 Age	27
4.3.1 Mean age.....	28
4.3.2 Median age.....	29
4.3.3 Modal age.....	29
4.3.4 Ageing index.....	29
4.3.5 Dependency ratio.....	30
4.4 Generation.....	30
4.5 Cohort	31
5 Demographic indicators	32
5.1 Basic concepts	32
5.2 Demographic indicators and their measurement	34

5.2.1	General rates	34
6	Basic demographic symbols	36
6.1	Basic indicators of population reproduction	38
7	Graphical representation of demographic events	43
7.1	Demographic network	43
7.2	Demographic network-examples.....	47
8	Demographic structure	57
8.1	Age structure.....	60
8.1.1	Examples of the age pyramid	66
8.2	The Construction of the age pyramid	69
9	Population reproduction and age	78
10	Life tables	83
10.1	Life tables: Czech Republic 2010.....	83
10.2	Calculation using life tables	88
11	Population prognoses	92
12	Spatial population change	98
13	Population development	105
13.1	Population development in the Czech territories.....	105
13.2	World population development	110
14	Literature	117