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EUROSTAT

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**Unit F-1: Demography, migration**

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Working paper for the
**Consultation of the Member States and Accession Countries**
Luxembourg, May-June 2004

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# EUROPOP2003:

# Draft Population Projections

# - FRANCE -

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## 1. INTRODUCTION

The aim of this paper is to provide the Country with information on the draft projections results: this tool represents thus the starting point for the discussion. The dossier for the consultation is completed by a set of working papers. For each demographic component, draft reports on methodology and assumptions for the country are provided. The set of working papers for consultation tries to balance the completeness of the information and the easiness of approach. In case of need, further details can of course be provided during the consultation.

## 2. DATA VALIDATION

After an analysis of the quality of the data to be used for projections, a call for their revision and completion has been launched by Eurostat in March 2004 for the ten new Member States and the Accession Countries[1], and in April 2004 for the EU-15 Member States[2]. These requests were personalised for each country and revised/completed data were expected from them respectively by 24 March and 19 April.

Data from France have been received on 19 April 2004. No further revision has been sent. Therefore, the dataset for France has been assumed to be correct.

The data set available for projections is summarised in the following table:

| Availability of the data for projections | | | | | |
|---|---|---|---|---|---|
| | Start year | End year | Missing | Sex | Age |
| Population | 1962 | 2004 | No | Yes | 0-100 |
| Births | 1950 | 2002 | No | No | 12-50 |
| Deaths | 1962 | 2002 | No | Yes | 0-100 |

In the table above, age is referred to the most common range of available values over the time period of the dataset.

## 3. THE SCENARIOS

The projections are calculated for two basic scenarios:

- the *baseline scenario* (Annex I), obtained by the combination of the baseline assumptions of each demographic component;

[1] Letter ESTAT/F-1/MS D(2004) 10041 on 8 March 2004: "Additional / Complementary demographic data request for the compilation of population scenarios for the 10 accession countries, Bulgaria and Romania".

[2] Letter ESTAT/F-1/MS D(2004) 10047 on 1 April 2004 : " Data for Eurostat's national level population projections".

- the zero migration scenario (Annex II), obtained through the baseline assumptions of fertility and mortality but under the hypothesis of zero net migration.

The release of variants to the above listed basic scenarios for population will be agreed with the main users.

The numerical results by sex, single year and single age class are provided in two annexed files, corresponding to the baseline (EUROPOP2003_FR_BS.xls) and zero migration scenarios (EUROPOP2003_FR_ZM.xls). This gives the possibility to make all kind of comparison.

## 4. ITEM FOR DISCUSSION

National Responsible are kindly asked to express their agreement or disagreement with regards to the annexed draft population projections and the assumptions on each demographic component.

# – ANNEX I –

# EUROPOP2003

# Draft Population Projections 2003-2070

# Baseline Scenario

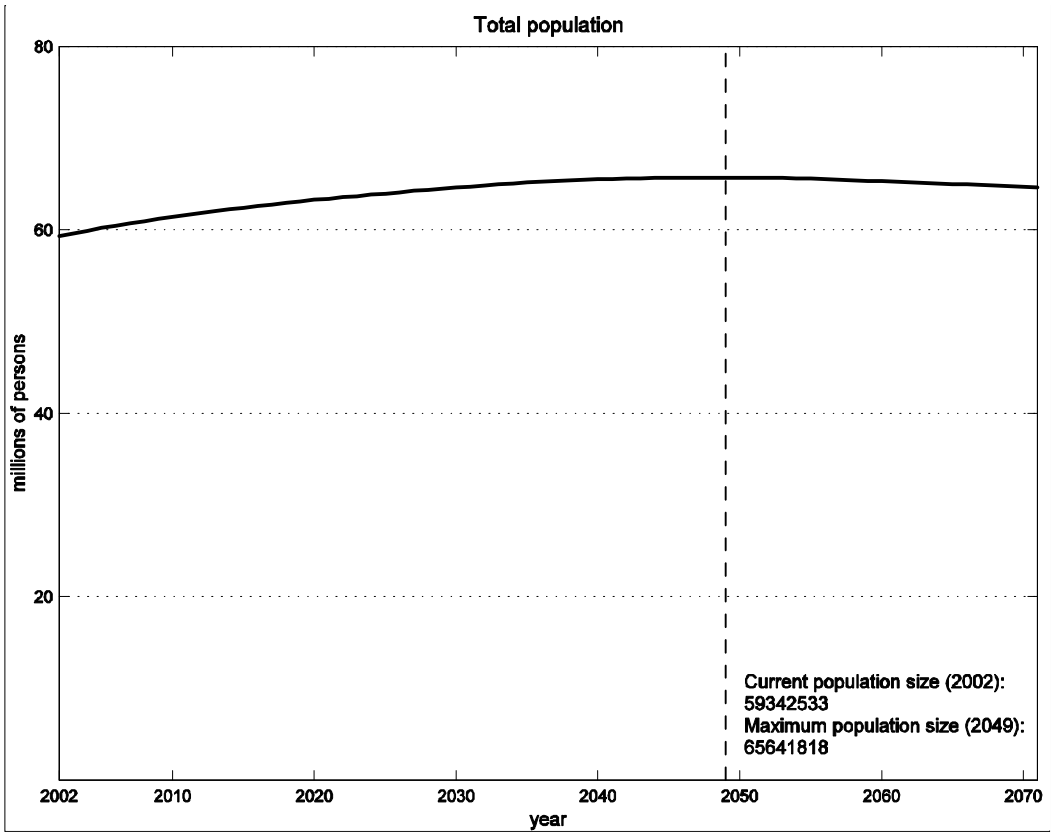


Figure 1.1 – Total projected population.

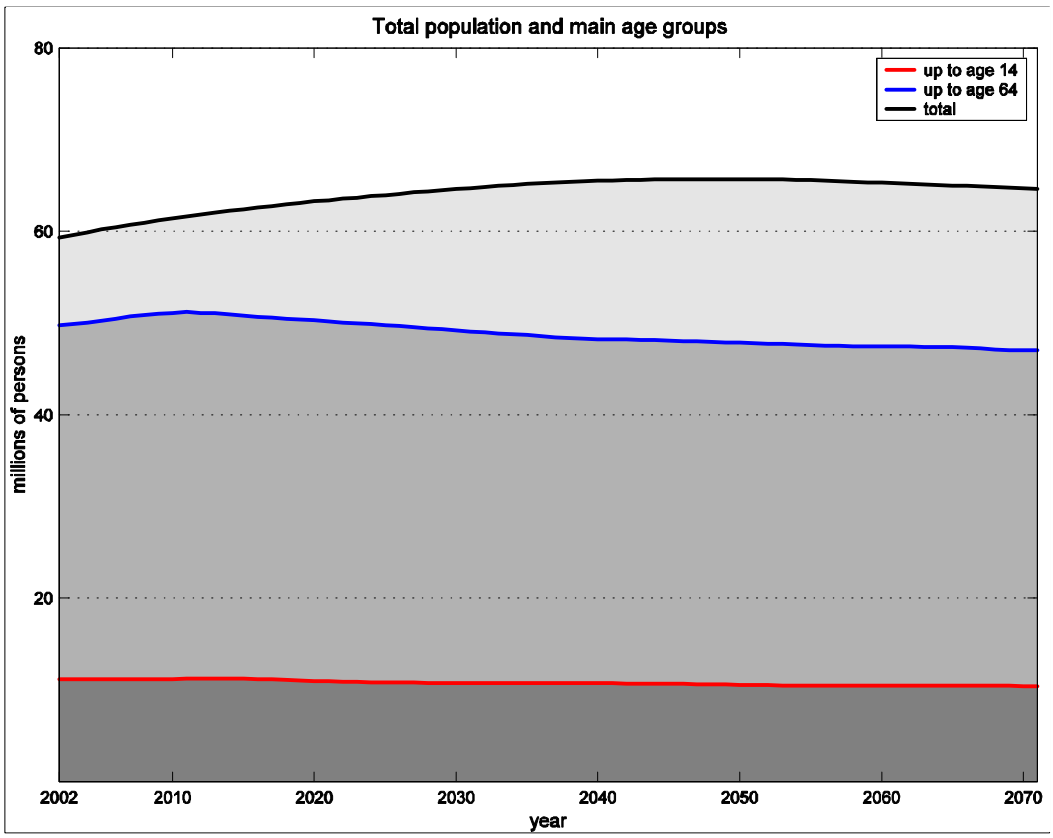


Figure 1.2 – Total projected population and size of the main age groups.

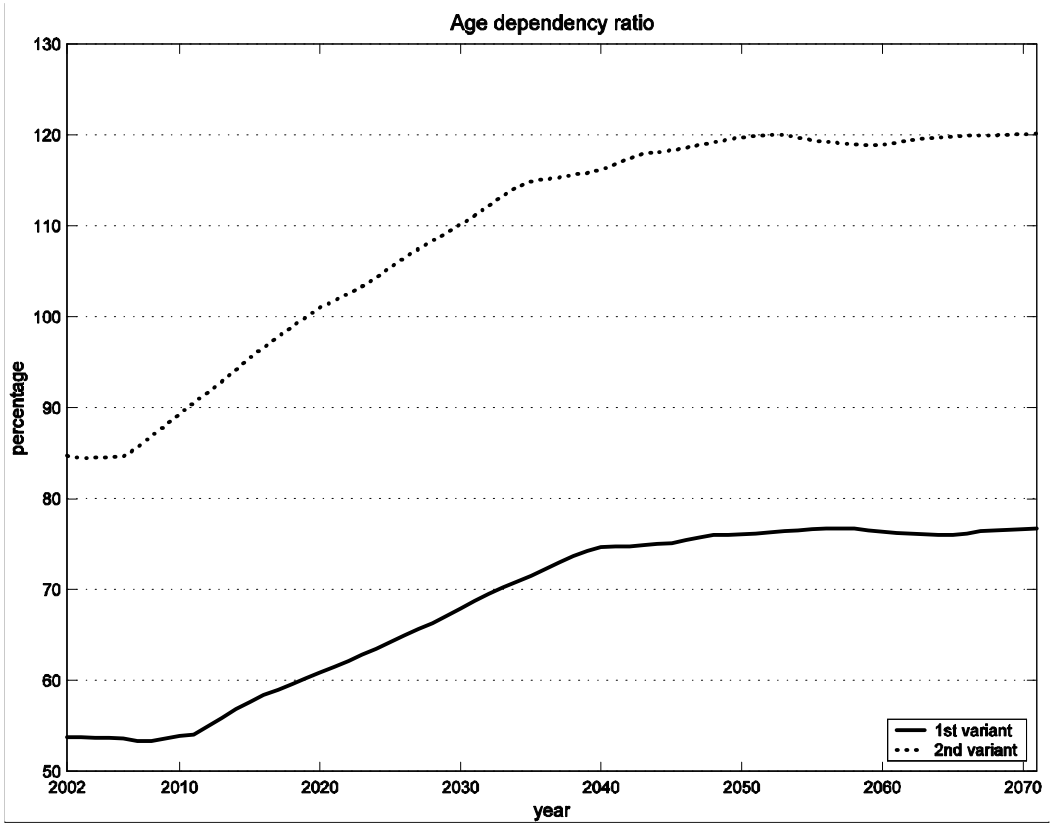


Figure 1.3 – Age dependency ratio. 1st var.: $(P_{0-14}+P_{65+})/P_{15-64}$, 2nd var.: $(P_{0-19}+P_{60+})/P_{20-59}$

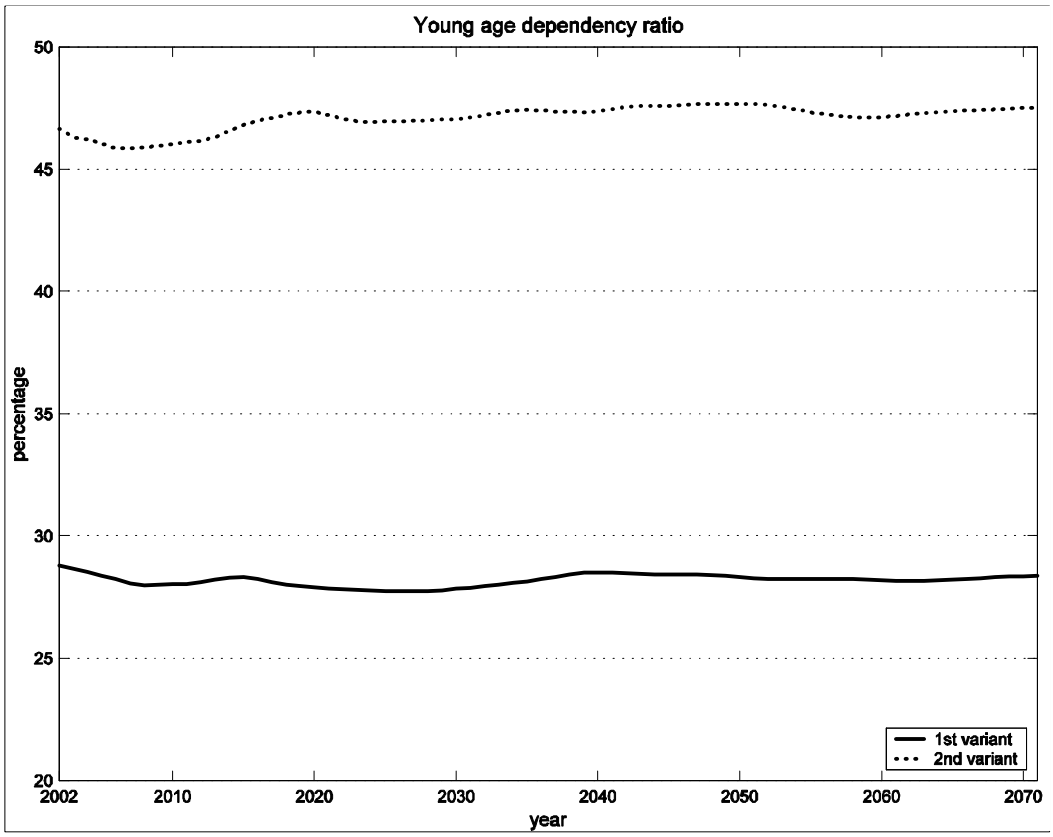


Figure 1.4 – Young age dependency ratio. 1st var.: $P_{0-14}/P_{15-64}$, 2nd var.: $P_{0-19}/P_{20-59}$

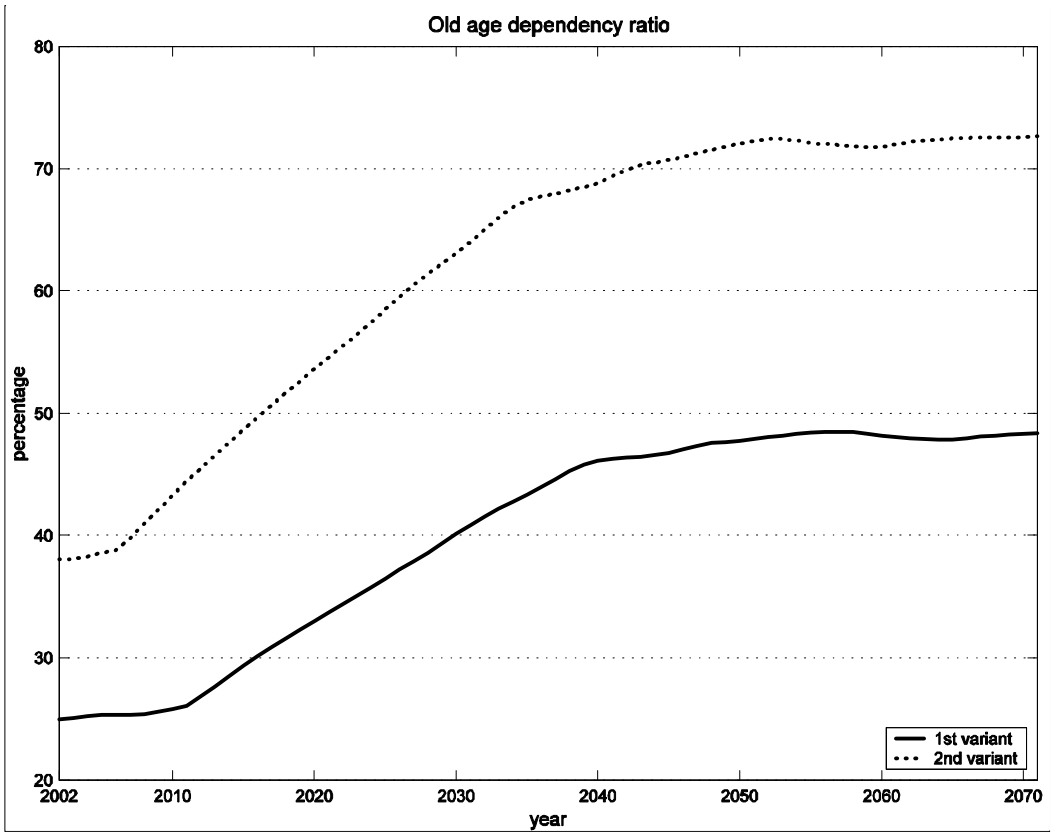


Figure 1.5 – Old age dependency ratio. 1st var.: $P_{65+}/P_{15-64}$, 2nd var.: $P_{60+}/P_{20-59}$

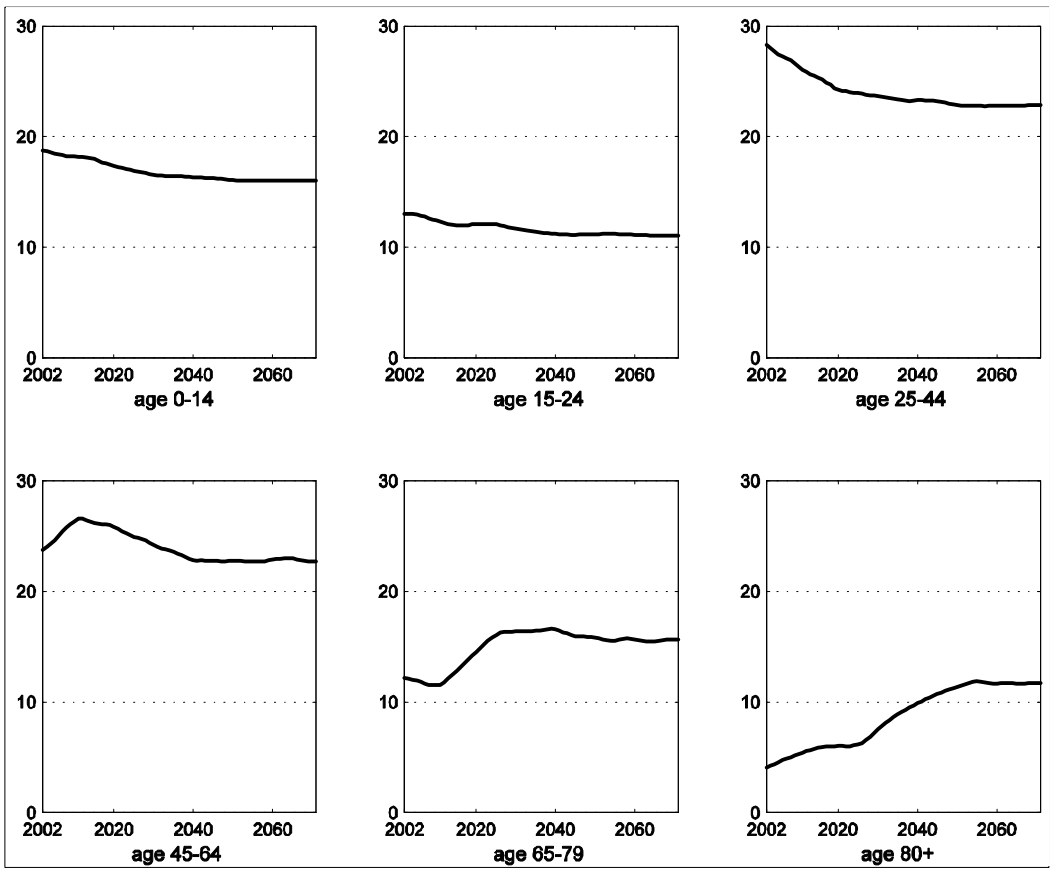


Figure 1.6 – Proportion of population in different age groups.

# – ANNEX II –

# EUROPOP2003

# Draft Population Projections 2003-2070

# Zero Migration Scenario

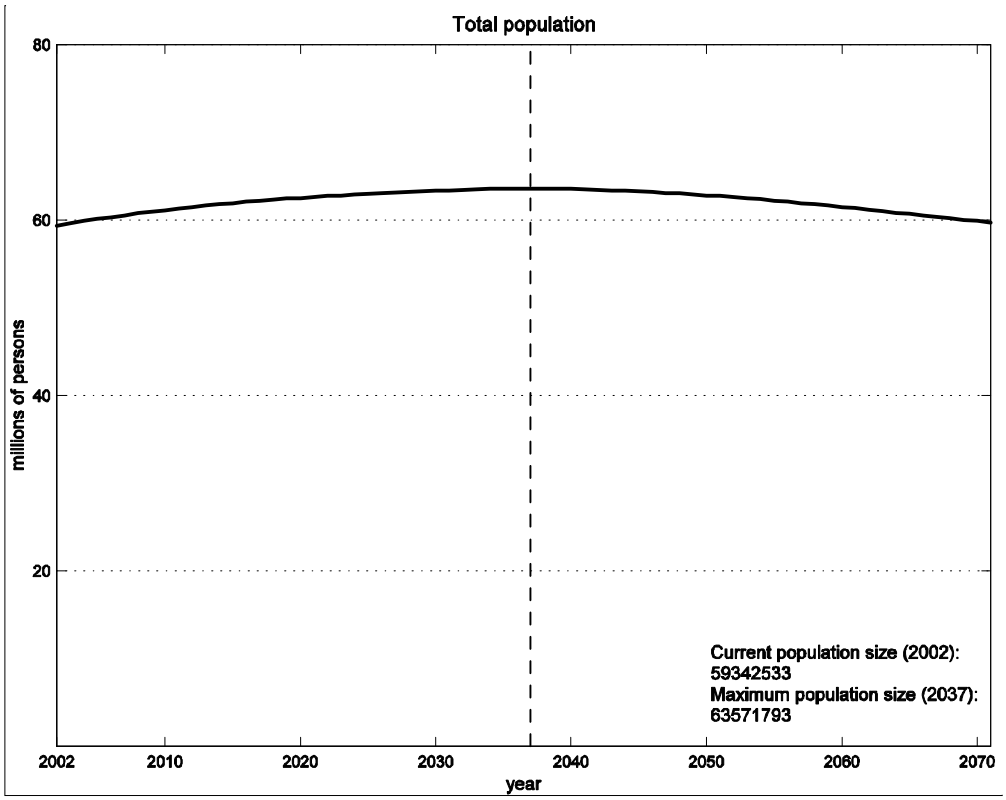


Figure 2.1 – Total projected population.

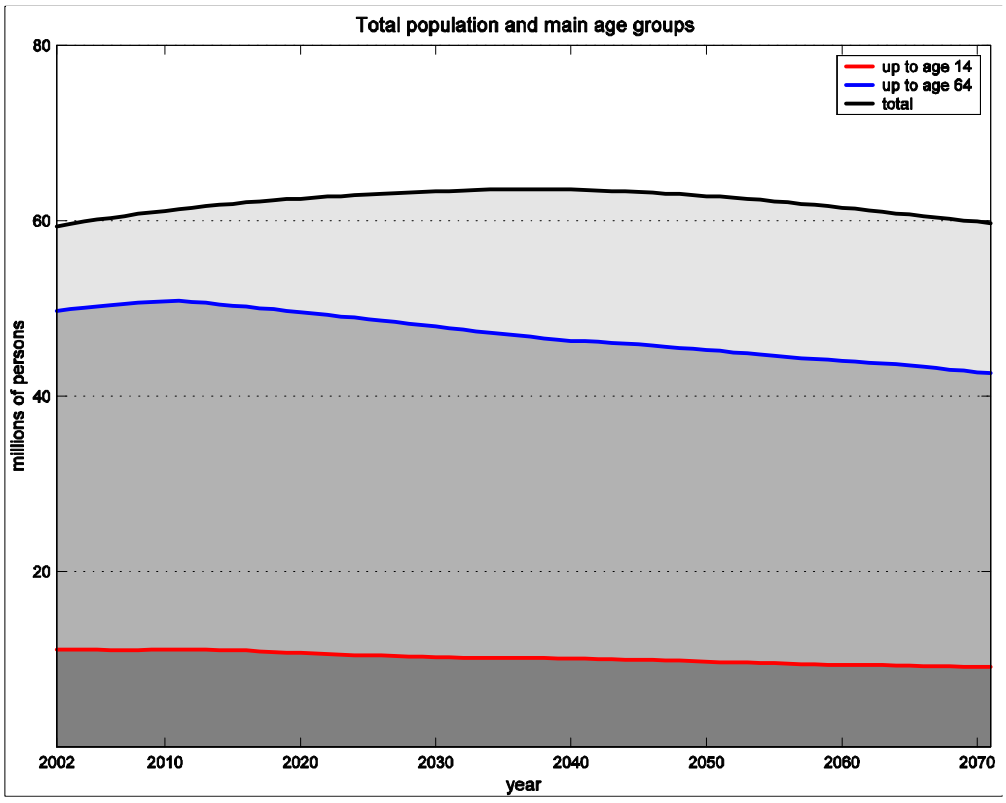


Figure 2.2 – Total projected population and size of the main age groups.

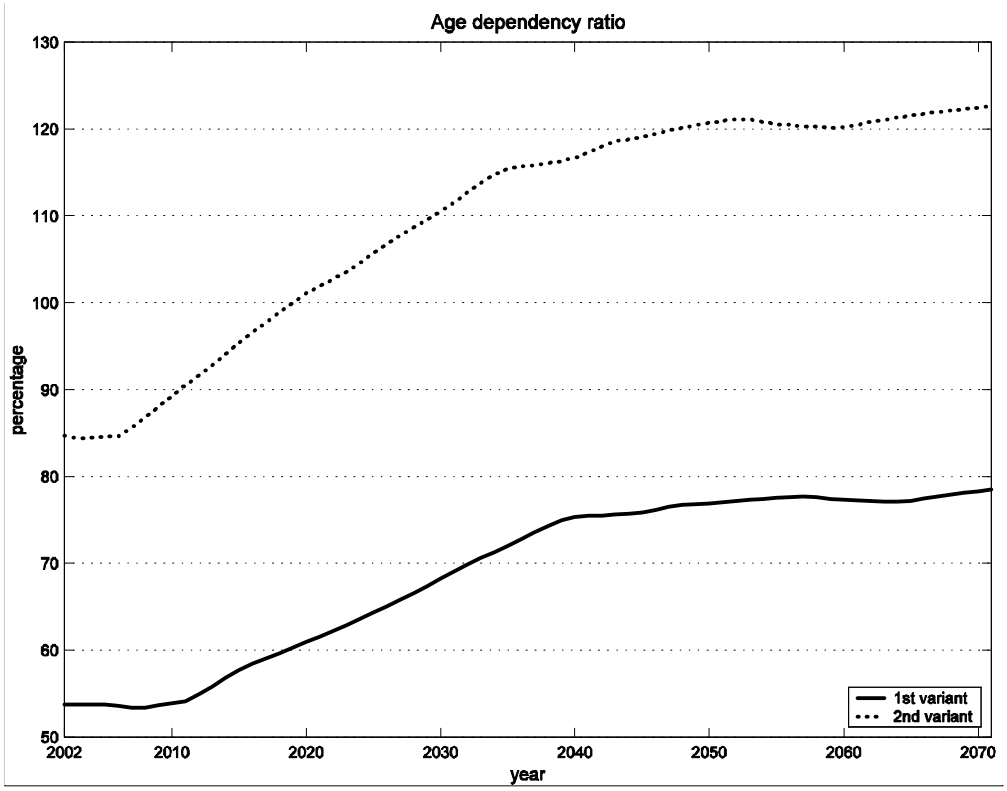


Figure 2.3 – Age dependency ratio. 1st var.: $(P_{0-14}+P_{65+})/P_{15-64}$, 2nd var.: $(P_{0-19}+P_{60+})/P_{20-59}$

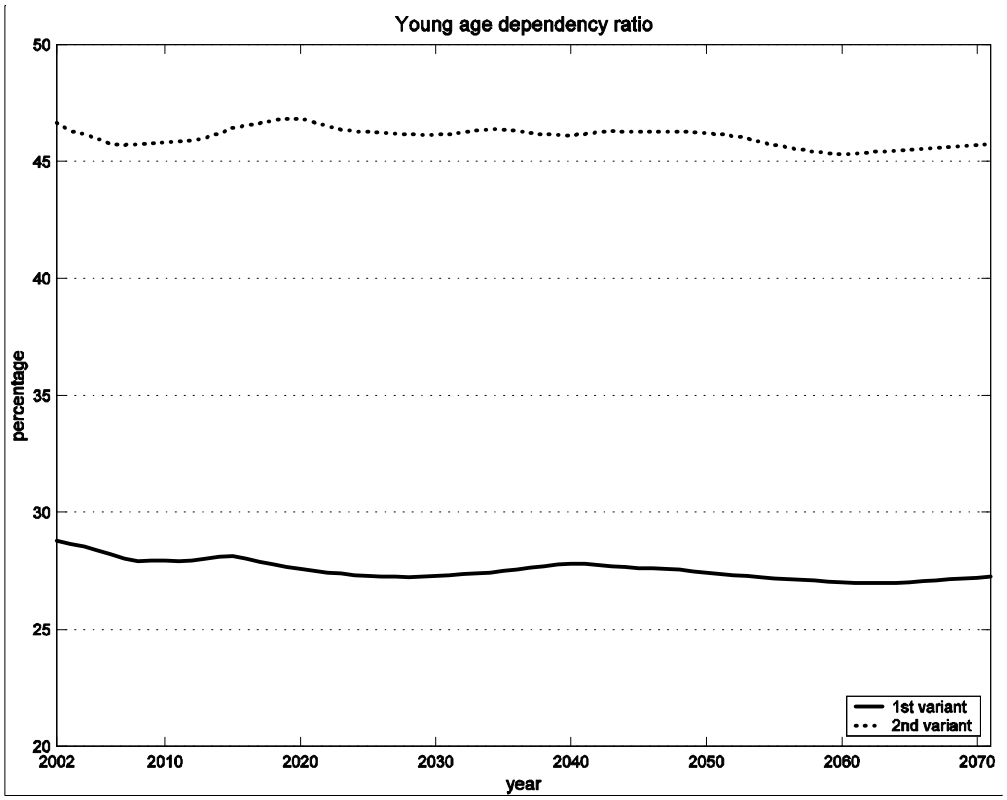


Figure 2.4 – Young age dependency ratio. 1st var.: $P_{0-14}/P_{15-64}$, 2nd var.: $P_{0-19}/P_{20-59}$

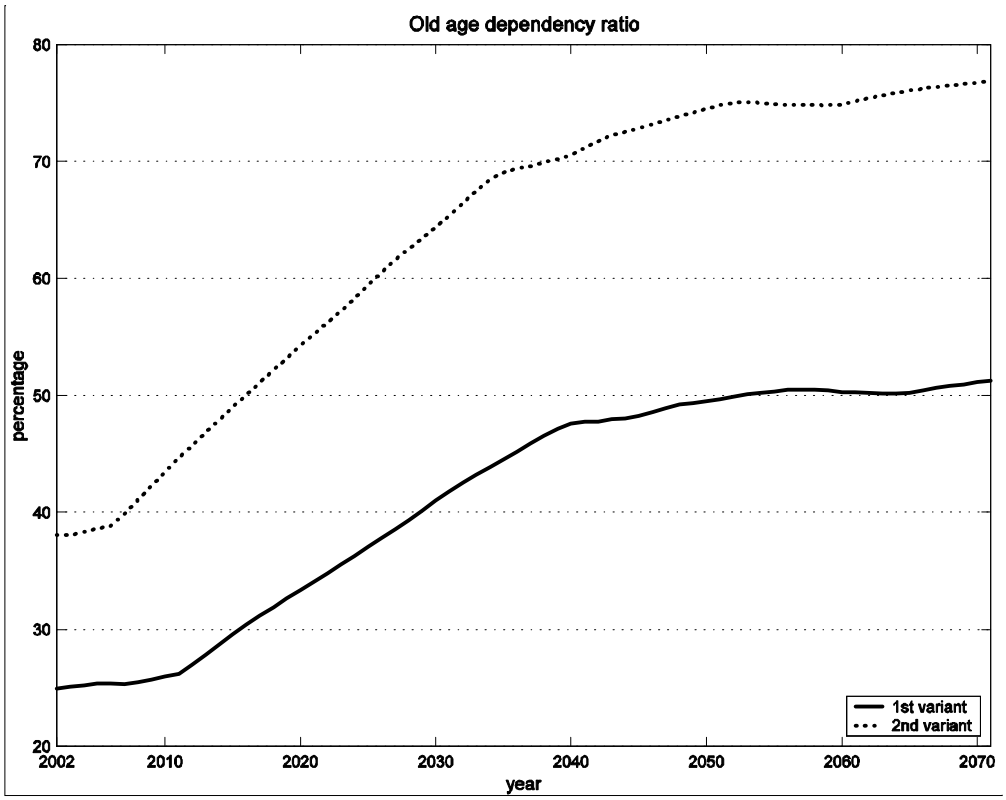


Figure 2.5 – Old age dependency ratio. 1st var.: $P_{65+}/P_{15-64}$, 2nd var.: $P_{60+}/P_{20-59}$

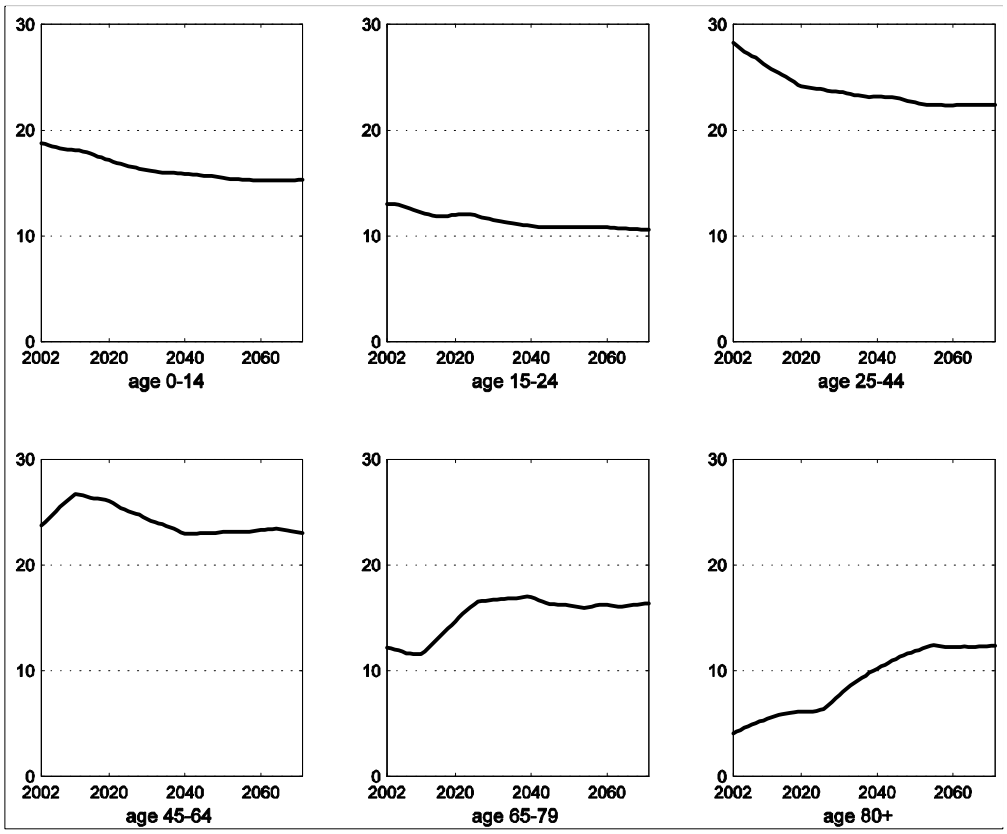


Figure 2.6 – Proportion of population in different age groups.