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Population Projections, 2014-2050:

Different Sex Ratio at Birth Scenarios in Azerbaijan

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The United Nations Population Fund (UNFPA): Delivering a world where every pregnancy is wanted, every childbirth is safe and every young person's potential is fulfilled.

The PACE Resolution 1829 (2011) on prenatal sex selection targeted Azerbaijan among few countries where the skewed ratios at birth (SRB) have “reached worrying proportions.” In 2012 UNFPA Azerbaijan Country Office in the frames of cooperation with the State Committee for Family, Women and Children’s Affairs conducted a qualitative and quantitative assessment aimed at analyzing the factors that lead to the skewed SRB and providing the series of recommendations to guide the respective state intervention to address the issue.

This present report presents additional evidence on the impact of different scenarios concerning further trends in the currently observed sex ratios at birth on the structure of future population in Azerbaijan.

Table of contents

Tables

Figures

1. Background

Sex ratio at birth, defined as the number of male children born per 100 female births, can be an important indicator of the degree of preference for a son or daughter in a given country. A sex ratio at birth that exceeds 106 males born for every 100 females is considered as indicating a preference for sons. Conversely, ratios lower than 103 can indicate a preference for daughters. Starting from the 1980s, demographers have demonstrated a high sex ratio at birth in several Asian countries, including China, South Korea and India (Das Gupta, 1987; Yi et al, 1993; Park and Cho, 1995; Guilmoto, 2007; Zhu, Lu and Hesketh, 2009; Guilmoto, Hoang and Van, 2009; Guilmoto, 2009; Sedgh, Singh and Henshaw, 2011; Guilmoto, 2012). The problem began to emerge following the introduction and extensive use of technologies that made it possible to determine the sex of a fetus.

In the case of Azerbaijan, the sex ratio at birth was mostly within the expected biological range until the 1980s. It climbed up to 107 in 1990, 110 in 2000 and then to 116 in the beginning of 2010s, mainly as a result of the development and use of reproductive health technologies. Although Azerbaijan has the second highest sex ratio at birth after China, and Azerbaijan is soon expected to head the list of the countries with the most skewed sex ratios, given that China's indicators are forecasted to fall back to normal in a few years, there have been limited scientific studies on the issue (Hortaccu et al, 2001; Mesle, Vallin and Badurasvili, 2007; Guilmoto, 2009; Duthé et al, 2012; Guilmoto, 2013; Yüksel, Eryurt, Koç and Çavlin, 2014). Those existing studies have relied on data from population censuses, the population registration system and demographic surveys and mainly draw attention to the issue without exploring the underlying causes. The study conducted by UNFPA Azerbaijan in cooperation with the State Committee for Family, Women and Children's Affairs and with the support of Hacettepe University Institute of Population Studies is distinct from others in that, to complement the analysis of the quantitative data, it has involved the collection and analysis of qualitative data through in-depth interviews and focus group discussions in different regions of the country. The study made two significant contributions to available research on this topic. The first was that it analyzed, for the first time, socio-demographic factors behind distorted sex ratios at birth with information obtained through in-depth interviews and focus group discussions. The second was that it explored the underlying socio-demographic causes through the combination of qualitative and quantitative data. The findings of the study indicate that the high sex ratios at birth among Azerbaijani population are caused by the phenomenon of strong son preference stemming from the patriarchal social structure observed in the country. The study also pointed out that in case the existing trend is not reversed, demographic balance in the country will reach a phase defined as *demographic masculinization*, in the medium and long term, a point where return to gender balance will be difficult if not impossible.

2. Objectives

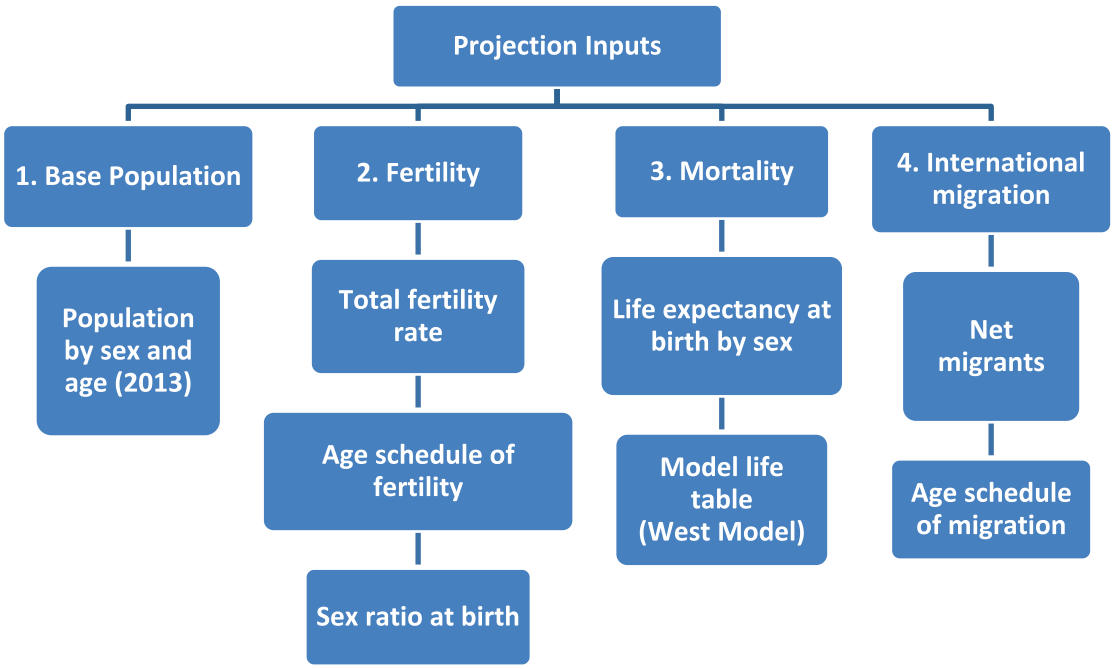
The currently observed demographic trend towards the masculinization of the Azerbaijani population is frustrating since the experiences of other countries show that such an imbalance poses serious threats to the gender equality policies of the countries.

Furthermore, the findings of the above mentioned study show that there are no any indications of the currently observed sex ratios at birth falling back to the level of biological normal. Therefore, it is important to produce more evidence to understand the impact of different scenarios concerning further trends in the currently observed sex ratios at birth on the structure of future population in Azerbaijan. This includes the development of the respective population projections evaluated with a perspective of policy recommendations.

3. Methodology

For the purposes of population projection, the population projections were realized by using the cohort component projection method for the period of 2014-2050. The cohort component projection method aims to predict the future populations based on the present age-sex structure, and with the present rates of fertility, mortality, and migration. For the cohort component projections, a demographic computer program, SPECTRUM was utilized by considering the fertility, mortality and migration levels and patterns of Azerbaijani population with different assumptions on the level of sex ratio at birth in Azerbaijan. The initial point of the projection is the year of 2014; and the end point is the year of 2050.

Figure 1. Projection inputs for the cohort component projection method



As Figure 1 shows the cohort component projection method requires data on base population, fertility, mortality and international migration. The data on fertility, mortality, migration and sex ratio at birth for the initial year was obtained from censuses, surveys and population registration system of Azerbaijan. All necessary data for inputs for the initial year was provided by UNFPA Azerbaijan Office in concert with the State Statistical Committee of the Republic of Azerbaijan. For the future levels and patterns of these inputs were derived from past and current projections, national and international sources such as World Population Prospects, and based on expert opinions.

In the project, *fixed fertility, mortality and international migration schedules* were used for all scenarios of sex ratio at birth in order to understand the impact of different SRB on the size, age and sex structures of the population.

4. Inputs for projections

The first input used in the projection process was the population size on the basis of age and sex. The base population at the beginning of 2014 was derived from the vital registration data kept by the State Statistical Committee of Azerbaijan (Table 1). The total population of Azerbaijan was 9,477,119, 50.3 percent of them constituted the females (4,763,571). The age distribution of the 2014 population bears the stamp of skewed sex ratio at birth, especially at the first 5 age cohorts. The sex ratios for the age cohorts of 0-4, 5-9, 10-14 and 15-19 were all over 106 that clearly implied a preference for sons.

The second input used in the process of projections was the total fertility rate which was defined as the average number of children that would be born to a woman over her lifetime. The State Statistical Committee provided the total fertility rate for the year of 2013 as 2.22 births per woman. Since the SPECTRUM required the values of the total fertility rate for the projection period, a value of 2.12 births per woman was used for the year 2050, borrowing from the UN World Population Prospects estimated for Azerbaijan (UN, 2014). Then, these two values were used as starting (2013) and ending (2050) points of total fertility rates in Azerbaijan, and made an interpolation for the remaining years with an assumption of linear changes. At the end of the calculation process, just the values belonging to the period of 2014-2050 were utilized.

For the life expectancy at birth for males and females, the same procedures were followed with the TFRs in order to obtain the values for the projection periods based on the values provided by the State Statistical Committee of Azerbaijan for the year of 2013. Based on the assumptions made by UN World Population Prospects estimated for Azerbaijan, it is assumed that life expectancy at birth for both sexes will increase linearly throughout the projection period, for males from 71.6 years to 74.6 years and for females from 76.8 years to 79.8 years (UN, 2014). The values of total fertility rate and life expectancy at birth for the whole periods were presented in Table 2.

Table 1. Age and sex distributions of Azerbaijani population, 2014

Age	Male	Female	Total	Sex ratio
0-4	447,709	385,116	832,825	1.16
5-9	341,065	297,240	638,305	1.15
10-14	344,694	302,817	647,511	1.14
15-19	398,758	364,090	762,848	1.10
20-24	465,830	454,520	920,350	1.02
25-29	456,527	467,045	923,572	0.98
30-34	392,436	399,038	791,474	0.98
35-39	323,713	332,213	655,926	0.97
40-44	303,186	326,178	629,364	0.93
45-49	314,522	346,174	660,696	0.91
50-54	318,773	345,661	664,434	0.92
55-59	234,038	258,183	492,221	0.91
60-64	141,064	162,886	303,950	0.87
65-69	72,310	91,099	163,409	0.79
70-74	58,118	79,330	137,448	0.73
75-79	59,489	86,719	146,208	0.69
80+	41,316	65,262	106,578	0.63
Total	4,713,548	4,763,571	9,477,119	0.99

Source: SSC, 2014

The same track with the TFRs and life expectancy at birth procedures was kept in obtaining process of the values of age schedule of fertility. The value provided by the SSC for the year of 2013 was used as starting points and the value derived from the UN World Population Prospects for the year of 2050 as ending points, and then made a series interpolation for the remaining periods (UN, 2014). The values of fertility schedule given in Table 3 clearly imply a slow transition on the peak point of the fertility schedule from 20-24 age group especially to 25-29 age group, and then to the age groups of 30-34 that can easily be observed in a population in fertility transition like Azerbaijan. This means that women in Azerbaijan will delay their prime childbearing ages further, firstly from 20-24 age group to 25-29 age group, and then to 30-34 age group during the next decades.

Table 2. Total fertility rate and life expectancy at birth for Azerbaijan, 2014-2050

Years	Total Fertility Rate	Life expectancy at birth	
		Males	Females
2014	2.22	71.6	76.8
2015	2.22	71.7	76.9
2016	2.21	71.8	77.0
2017	2.21	71.9	77.0
2018	2.21	71.9	77.1
2019	2.21	72.0	77.2
2020	2.20	72.1	77.3
2021	2.20	72.2	77.4
2022	2.20	72.3	77.5
2023	2.20	72.4	77.5
2024	2.19	72.4	77.6
2025	2.19	72.5	77.7
2026	2.19	72.6	77.8
2027	2.18	72.7	77.9
2028	2.18	72.8	78.0
2029	2.18	72.9	78.0
2030	2.18	73.0	78.1
2031	2.17	73.0	78.2
2032	2.17	73.1	78.3
2033	2.17	73.2	78.4
2034	2.17	73.3	78.5
2035	2.16	73.4	78.5
2036	2.16	73.5	78.6
2037	2.16	73.5	78.7
2038	2.16	73.6	78.8
2039	2.15	73.7	78.9
2040	2.15	73.8	79.0
2041	2.15	73.9	79.0
2042	2.14	74.0	79.1
2043	2.14	74.0	79.2
2044	2.14	74.1	79.3
2045	2.14	74.2	79.4
2046	2.13	74.3	79.5
2047	2.13	74.4	79.5
2048	2.13	74.5	79.6
2049	2.13	74.6	79.7
2050	2.12	74.6	79.8

Table 3. Age schedule of fertility rate for Azerbaijan, 2014-2050

	Age Groups							
Years	**15-19**	**20-24**	**25-29**	**30-34**	**35-39**	**40-44**	**45-49**	**Total**
2014	11.06	41.58	29.94	12.09	4.22	0.98	0.13	100.00
2015	10.87	41.39	30.09	12.25	4.29	0.99	0.13	100.00
2016	10.68	41.20	30.23	12.42	4.36	0.99	0.12	100.00
2017	10.48	41.01	30.38	12.58	4.43	1.00	0.12	100.00
2018	10.29	40.82	30.52	12.75	4.50	1.00	0.12	100.00
2019	10.10	40.63	30.67	12.91	4.57	1.01	0.11	100.00
2020	9.91	40.44	30.81	13.07	4.64	1.02	0.11	100.00
2021	9.71	40.25	30.96	13.24	4.71	1.02	0.11	100.00
2022	9.52	40.06	31.10	13.40	4.78	1.03	0.10	100.00
2023	9.33	39.87	31.25	13.56	4.85	1.03	0.10	100.00
2024	9.14	39.69	31.39	13.73	4.92	1.04	0.09	100.00
2025	8.95	39.50	31.54	13.89	4.99	1.05	0.09	100.00
2026	8.75	39.31	31.68	14.06	5.06	1.05	0.09	100.00
2027	8.56	39.12	31.83	14.22	5.13	1.06	0.08	100.00
2028	8.37	38.93	31.97	14.38	5.20	1.06	0.08	100.00
2029	8.18	38.74	32.12	14.55	5.27	1.07	0.08	100.00
2030	7.99	38.55	32.26	14.71	5.34	1.08	0.07	100.00
2031	7.79	38.36	32.41	14.87	5.41	1.08	0.07	100.00
2032	7.60	38.17	32.55	15.04	5.48	1.09	0.07	100.00
2033	7.41	37.98	32.70	15.20	5.56	1.09	0.06	100.00
2034	7.22	37.79	32.84	15.37	5.63	1.10	0.06	100.00
2035	7.02	37.60	32.99	15.53	5.70	1.10	0.06	100.00
2036	6.83	37.41	33.13	15.69	5.77	1.11	0.05	100.00
2037	6.64	37.22	33.28	15.86	5.84	1.12	0.05	100.00
2038	6.45	37.03	33.42	16.02	5.91	1.12	0.05	100.00
2039	6.26	36.84	33.57	16.18	5.98	1.13	0.04	100.00
2040	6.06	36.65	33.71	16.35	6.05	1.13	0.04	100.00
2041	5.87	36.46	33.86	16.51	6.12	1.14	0.04	100.00
2042	5.68	36.28	34.00	16.68	6.19	1.15	0.03	100.00
2043	5.49	36.09	34.15	16.84	6.26	1.15	0.03	100.00
2044	5.30	35.90	34.29	17.00	6.33	1.16	0.02	100.00
2045	5.10	35.71	34.44	17.17	6.40	1.16	0.02	100.00
2046	4.91	35.52	34.58	17.33	6.47	1.17	0.02	100.00
2047	4.72	35.33	34.73	17.49	6.54	1.18	0.01	100.00
2048	4.53	35.14	34.87	17.66	6.61	1.18	0.01	100.00
2049	4.33	34.95	35.02	17.82	6.68	1.19	0.01	100.00
2050	4.14	34.76	35.16	17.99	6.75	1.19	0.00	100.00

5. Scenarios on sex ratio at birth

Five different scenarios of the sex ratio at birth (SRB) were used in the project as presented in Figure 2 and Table 4. The explanations for each of the scenarios are as follows:

1. **Constant SRB scenario** at the level of 116.
   In this scenario, it is assumed that the current SRB will remain at its current level until 2050. The SRB would therefore stay at 116 in Azerbaijan during the entire projection period of 2014-2050.
2. **Slightly decreasing SRB scenario** from 116 to 110.
   This scenario assumed that the SRB in Azerbaijan will decrease slightly from 116 to 110 in the projection period.
3. **Rapidly decreasing SRB scenario** from 116 to 105.
   In this scenario, it was assumed that SRB in Azerbaijan would decrease rapidly from 116 to the biological normal level (105) in the projection period.
4. **Slightly increasing SRB scenario** from 116 to 120.
   The question asked as what would have happened if the SRB increased slightly from 116 to 120 will be answered with this scenario.
5. **SRB at the biological normal level scenario**, 105 througout the period of 2014-2050.
   This was the most hypotetical scenario of the project. In this scenario, another question will be answered: what would have happened if Azerbaijan had the SRB at the biological normal level throughout the period of 2014-2050.

Figure 2. Different scenarios of sex ratio at birth for Azerbaijan, 2014-2050

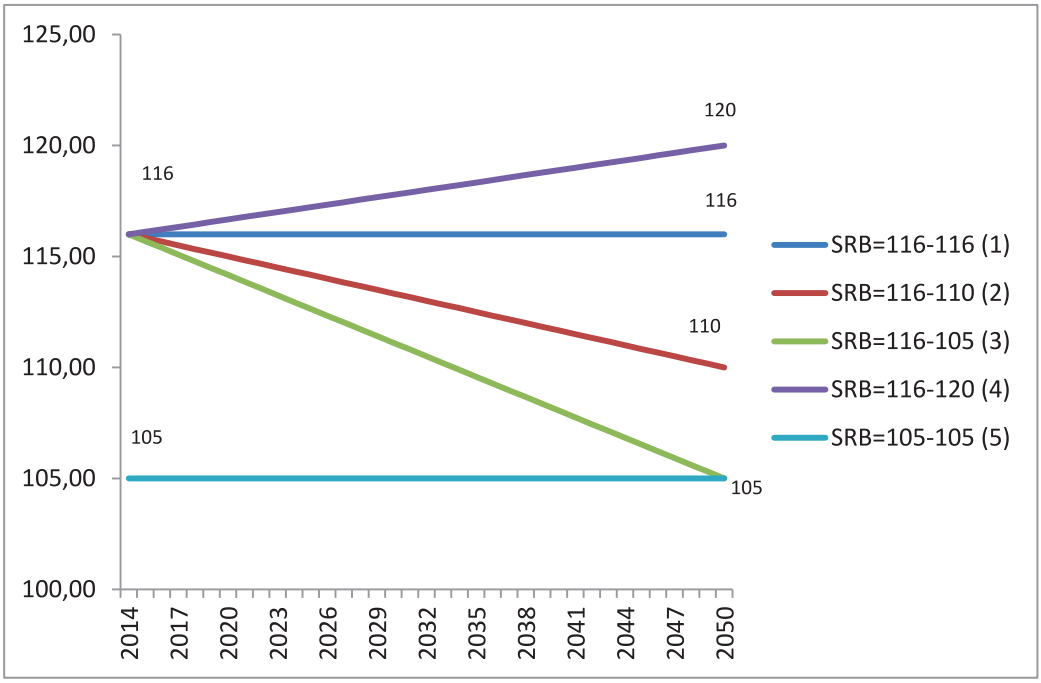


Table 4. Different scenarios of sex ratio at birth for Azerbaijan, 2014-2050

	Scenarios				
Years	1 (SRB=116-116)	2 (SRB=116-110)	3 (SRB=116-105)	4 (SRB=116-120)	5 (SRB=105-105)
2014	116.00	116.00	116.00	116.00	105.00
2015	116.00	115.83	115.69	116.11	105.00
2016	116.00	115.67	115.39	116.22	105.00
2017	116.00	115.50	115.08	116.33	105.00
2018	116.00	115.33	114.78	116.44	105.00
2019	116.00	115.17	114.47	116.56	105.00
2020	116.00	115.00	114.17	116.67	105.00
2021	116.00	114.83	113.86	116.78	105.00
2022	116.00	114.67	113.56	116.89	105.00
2023	116.00	114.50	113.25	117.00	105.00
2024	116.00	114.33	112.94	117.11	105.00
2025	116.00	114.17	112.64	117.22	105.00
2026	116.00	114.00	112.33	117.33	105.00
2027	116.00	113.83	112.03	117.44	105.00
2028	116.00	113.67	111.72	117.56	105.00
2029	116.00	113.50	111.42	117.67	105.00
2030	116.00	113.33	111.11	117.78	105.00
2031	116.00	113.17	110.81	117.89	105.00
2032	116.00	113.00	110.50	118.00	105.00
2033	116.00	112.83	110.19	118.11	105.00
2034	116.00	112.67	109.89	118.22	105.00
2035	116.00	112.50	109.58	118.33	105.00
2036	116.00	112.33	109.28	118.44	105.00
2037	116.00	112.17	108.97	118.56	105.00
2038	116.00	112.00	108.67	118.67	105.00
2039	116.00	111.83	108.36	118.78	105.00
2040	116.00	111.67	108.06	118.89	105.00
2041	116.00	111.50	107.75	119.00	105.00
2042	116.00	111.33	107.44	119.11	105.00
2043	116.00	111.17	107.14	119.22	105.00
2044	116.00	111.00	106.83	119.33	105.00
2045	116.00	110.83	106.53	119.44	105.00
2046	116.00	110.67	106.22	119.56	105.00
2047	116.00	110.50	105.92	119.67	105.00
2048	116.00	110.33	105.61	119.78	105.00
2049	116.00	110.17	105.31	119.89	105.00
2050	116.00	110.00	105.00	120.00	105.00

6. Findings

The findings of the projections are presented under four different sub-sections. The total projected populations on the basis of sex are given in the first sub-section. Then the study focuses on the projected populations' age and sex distribution. This sub-section is also devoted to the presentation of age specific sex ratios for the projected population. The impact of different sex ratio at birth scenarios on the number of births and on the marriage squeeze are discussed in the last two sub-sections.

6.1. Population Size

In regard with total projected population sizes, the scenarios produced slightly different results (Figure 3 and Appendix Table 1). For the year of 2050, the projection results showed that the total population of Azerbaijan will be in between 11,908,866 and 12,000,145. The maximum total projected population was from the scenario 5 (SRB=105-105); the minimum total projected population, on the other hand, was as a result of the scenario 4 (SRB=116-120). This forecasted difference between the minimum and maximum populations is mainly originating from the number of females in reproductive age groups. As the sex ratio at birth increases; the number of females in the reproductive age groups decreases. This, in turn, has an enhancing or inhibiting impact on the number of births to women aged 15-49. In the condition of lower sex ratio at birth, the number of births and thus the total population would increase much more compared with the higher sex ratio at birth. The reason behind the stabilized size of the total projected populations in the first 15 years of the projection periods (until 2029) was mainly related with the fact that females born in this period have not yet reached the reproductive age. Inversely, the increased size of the total projected populations after the year of 2030 is forecasted to be a result of the fact that females born in previous years have already reached the reproductive age.

The projected number of male population in the year 2050 varied between 5,975,622 and 6,093,912 (Figure 3 and Appendix Table 1). The highest projected male population was obtained from the scenario 4 that assumed an increasing sex ratio at birth from 116 to 120 in the course of projection period. Otherwise, the lowest figure was procured from the scenario 5 which is based on the assumption that there has been no deviation from the biological norm of sex ratio at birth throughout the projected period. In contradiction to findings regarding the male population, the highest and the lowest projected female population is observed with the scenario 5 (6,024,523) and scenario 4 (5,814,954) respectively (Figure 3 and Appendix Table 1). These results attained for both sexes appear to be closely related with the size of female cohorts reaching the reproductive age.

Figure 3. Projected population of Azerbaijan by sex according to different SRB scenarios, 2014-2050

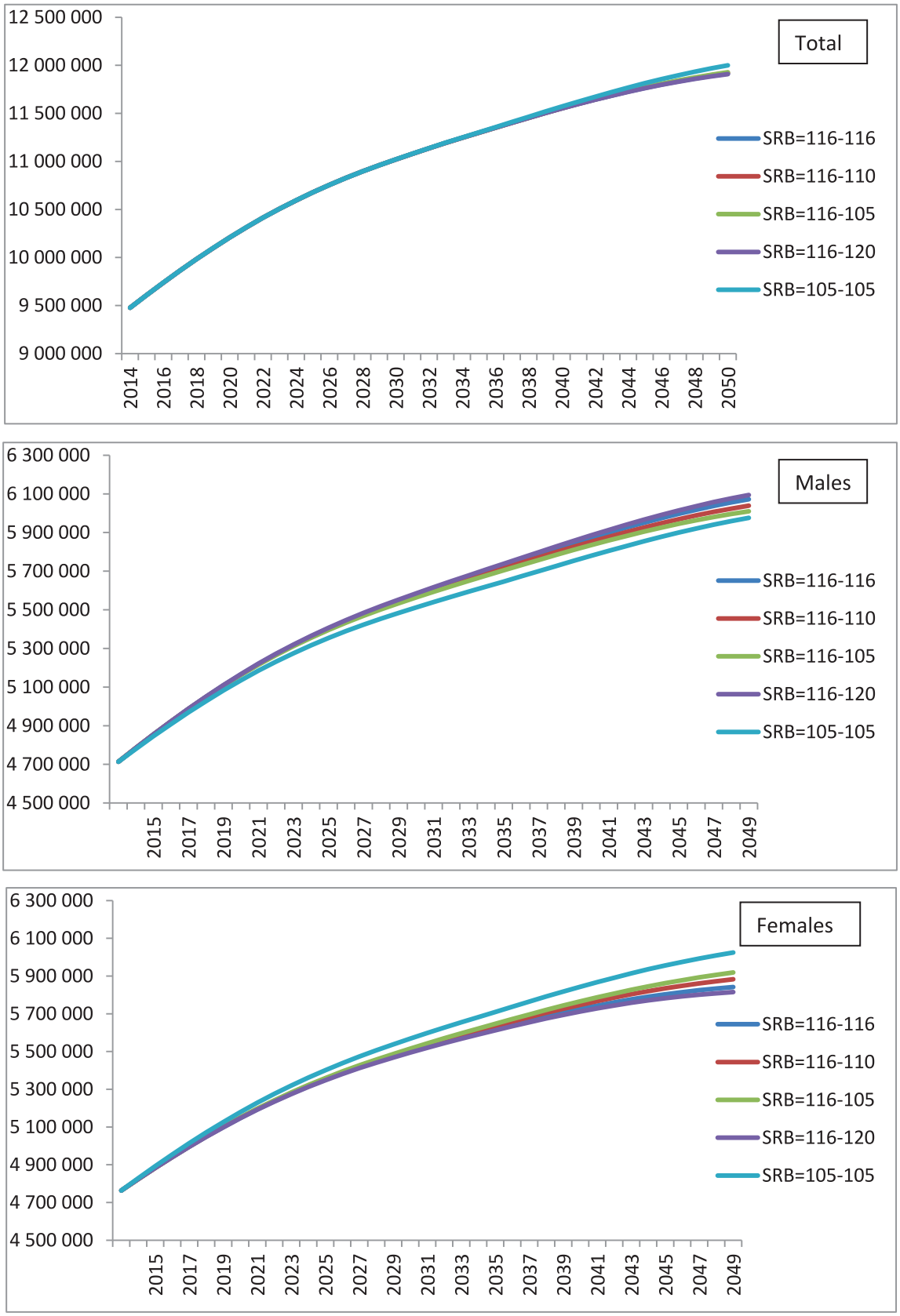


Figure 4. Age-sex distribution of Azerbaijani population by different SRB scenarios, 2015 and 2050

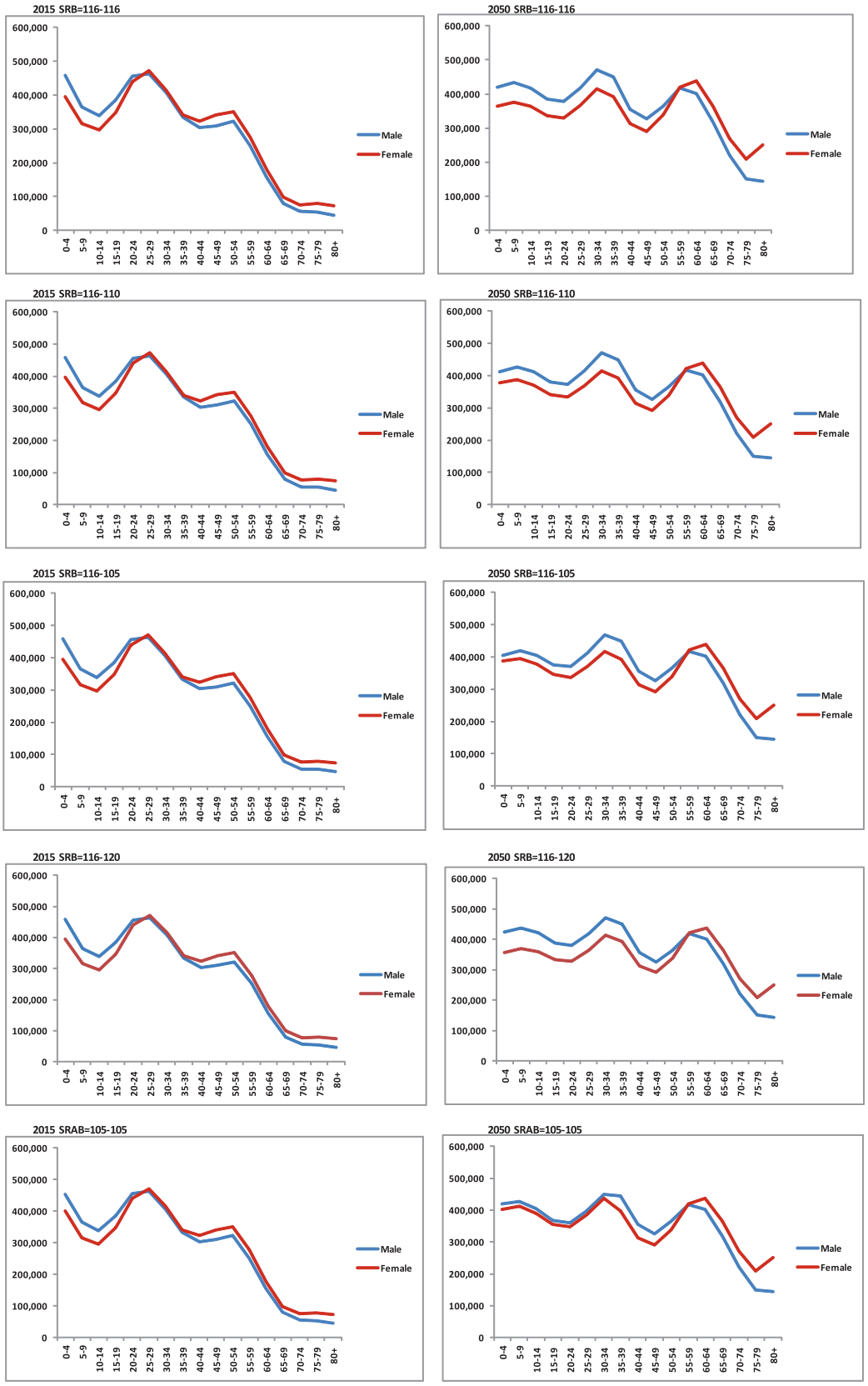


Figure 5. Population pyramids of Azerbaijan by different SRB scenarios, 2015 and 2050

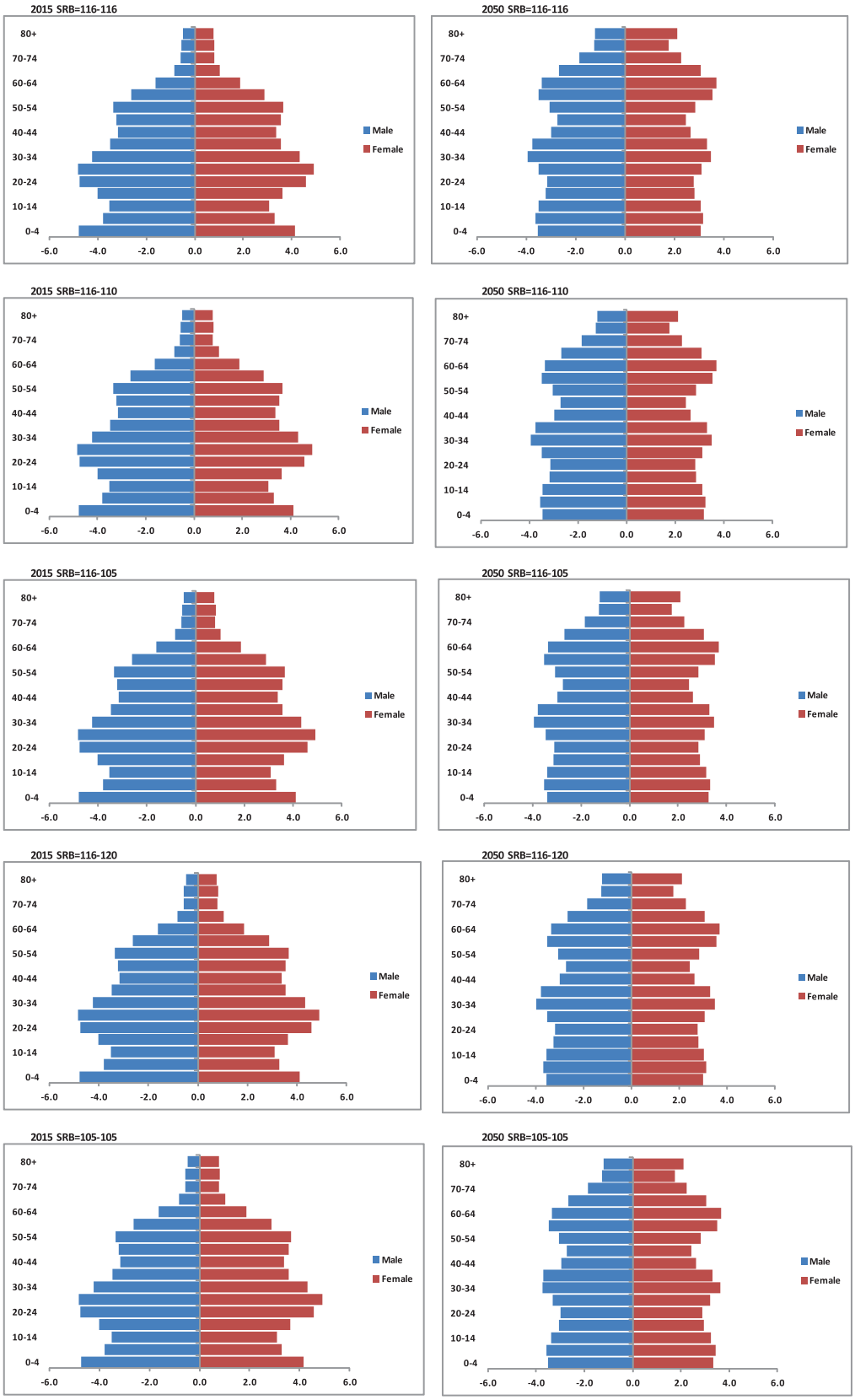
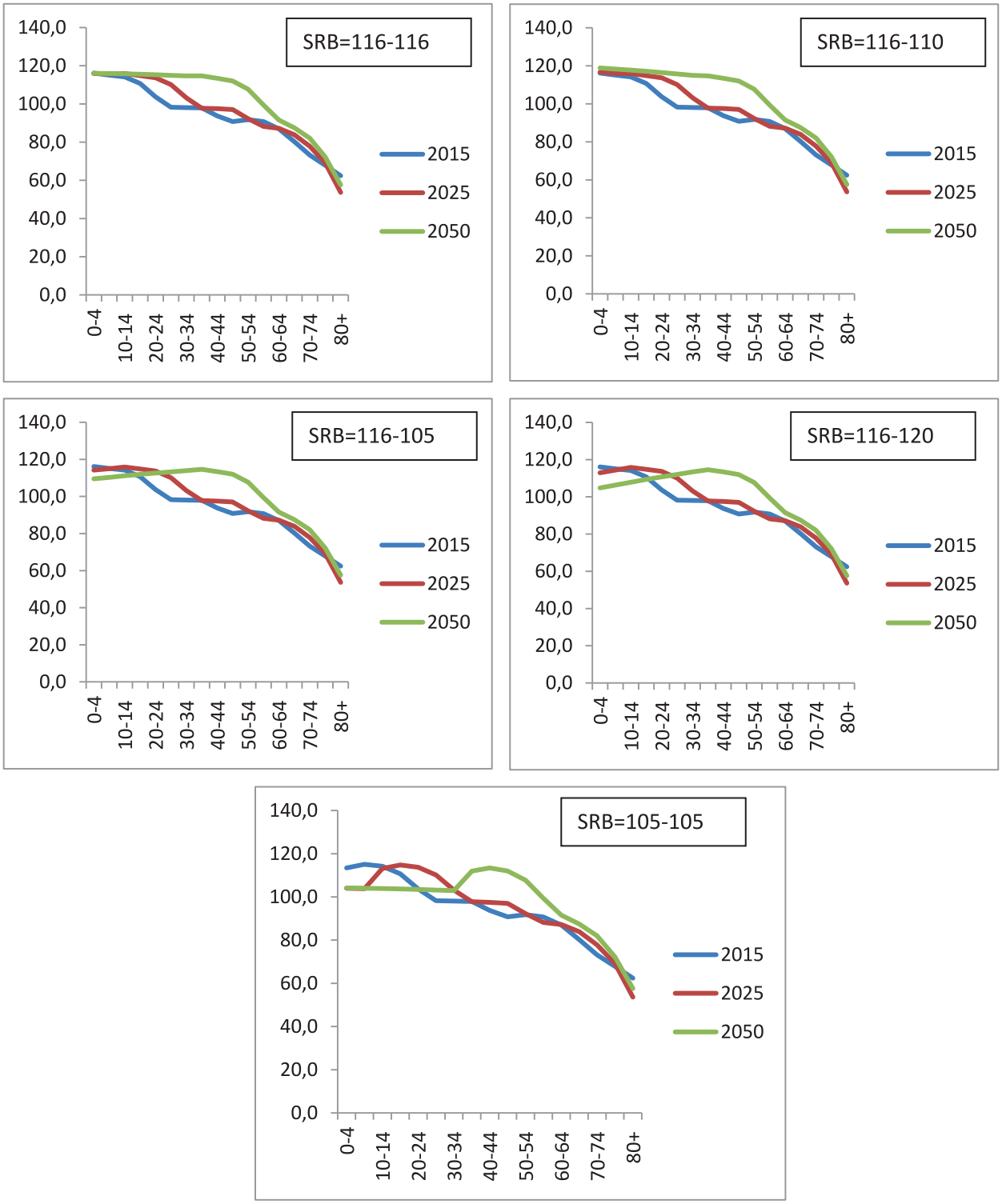


Figure 6. Age specific sex ratios of Azerbaijani population by different SRB scenarios, 2015, 2025 and 2050



6.2. Age-sex distribution

The examination of the age-sex distribution of population provides the information on the past, current and future demographic experiences of the population. The first panel (year of 2015) of Figure 4 and Figure 5 clearly shows that especially in the young age cohorts (0-4, 5-9 and 10-14) there are certain imbalances between the size of male and female population, the number of males exceeds the number of females. This appears to be a consequence of the increased sex ratio at birth during the last two decades in Azerbaijan. The second panel of the Figure 4 and Figure 5 (for the year of 2050), on the other hand, reported different demographic experiences on the basis of different SRB scenarios. The gender gap in population size in the younger age cohorts will deteriorate in the first (SRB=116-116) and the fourth (SRB=116-120) scenarios; while it will be recuperated for the other scenarios, the recuperation will be much better in the scenario 5 (SRB=105-105) which assumed the SRB would remain the same during the whole periods at the level of biological normal. According to this scenario, the number of males in the younger age cohorts will be by 13 percent higher than the number of males in the year of 2015; this will decrease to 4 percent in the year of 2050. The population pyramids given in Figure 5 apparently predict that Azerbaijan will have a stable population structure in the year of 2050 regardless of the scenarios, mainly as a result of fertility transition that the country experiencing starting from 2000s.

The level of sex ratio at birth also determines the sex ratios in further age groups, and furthermore it has an impact on the sex ratio for all population. As seen in Figure 6, the first (SRB=116-116) and the fourth (SRB=116-120) scenarios have an enhancing impact on age specific sex ratios; conversely other scenarios, especially scenario 3 (SRB=116-105) and 5 (SRB=105-105), have inhibiting effect on the age specific sex ratios. For the last scenario (SRB=105-105), it is observed a steady trend at around 100 in age specific sex ratios at younger age cohorts next following a hump with the effect of past experiences regarding with high sex ratio at birth, and then a declining trend as age cohorts become older.

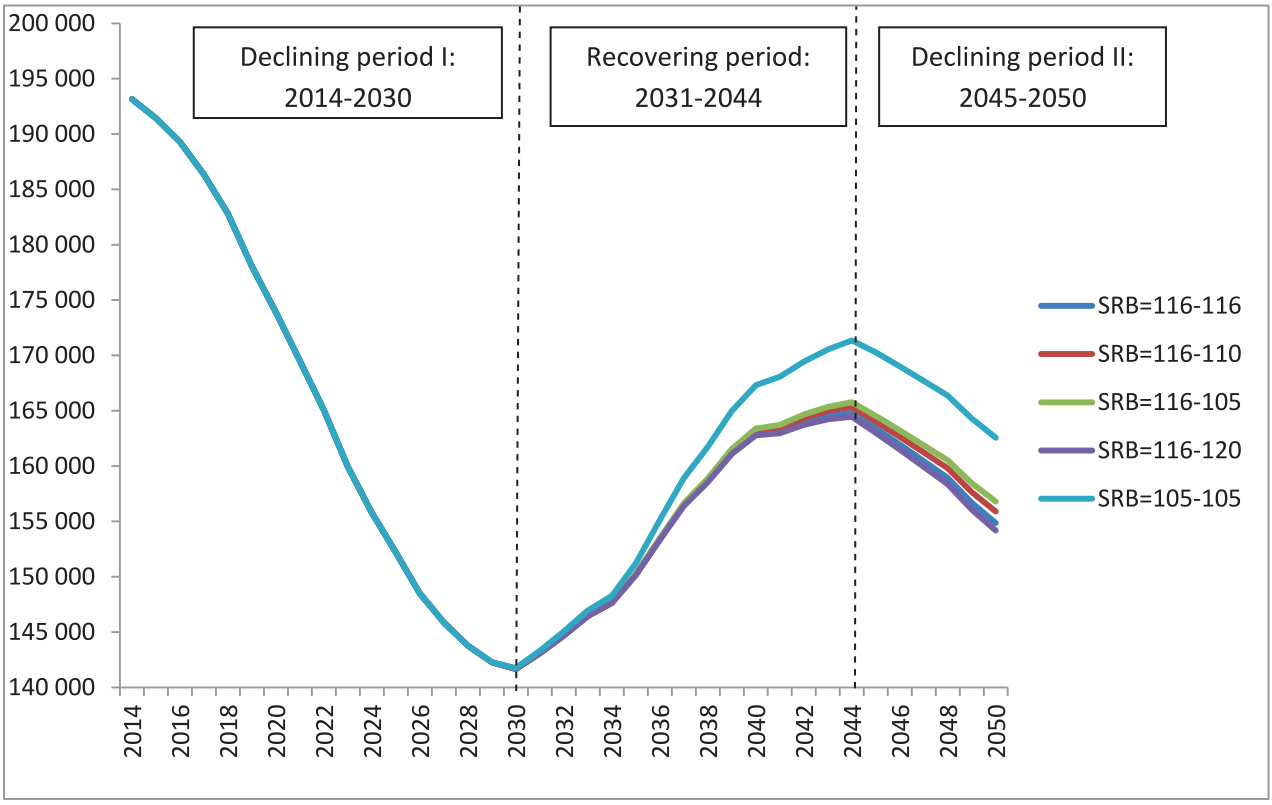
6.3. Number of births

The differentiations on the level of sex ratio at birth have important impact on the number of birth and its sex composition. This impact becomes evident in the medium term, generally after 15 years following the changes when the female babies reach the reproductive age groups. Figure 7 presents the number of babies that will be born during the prospective 35 years on the basis of different SRB scenarios in Azerbaijan. This figure can be examined under three phases. The first phase covers the period of 2014-2030. The most important feature of the first period is the substantial decline in the number of births. Since the assumed SRBs in scenarios have no impact in this period yet, the decrease should be associated with the fertility decline in the past, as well as increasing the SRB up to 116 during the last two decades. The latter factor, scaling up the SRB in the last two decades, is in the model due to the increased level of SRB that has detractive impact on the size of female cohorts, and this in turn levels down the size of the births.

In the second phase defined as recovering stage that covers the period of 2031-2044, the number of births step up for all scenarios, the increase appears to be substantial especially

for the scenario 5 (SRB=105-105) with the impact of the rising the number of females in the population, and then their entrance into the reproduction process. The lowest increase is observed in the number of births in the scenario 4 (SRB=116-120) which assumed slight growth of the SRB in the projection period. In the last period (2045-2050), a decline in the number of births is noticed in all scenarios and in the 4th one particularly. This seems to be a result of fertility decline that Azerbaijan will be experienced during the projection period.

Figure 7. Number of projected births by sex according to different SRB scenarios, 2014-2050



As Figure 8 presents, the shape of the curves for male and female births is almost identical with the curves given in Figure 7 for total number of births. The changes in the SRB during the projection period have much more impact on female births as opposed to male births. The linkage between the number of births by different SRB scenarios resembles with the principle of computational fluids. As the number of male births increases in one of the scenarios, the number of female births decreases automatically, or vice versa. The situation, especially in the scenario 5 (SRB=105-105) deserves particular attention since it is resistant to decrease the number of births substantially, and at the same time produces much more female births compared with all other scenarios. Mainly due to this characteristic, it has also crucial impact on the population age and sex structure in Azerbaijan.

Figure 8. Number of projected births by sex according to different SRB scenarios, 2014-2050

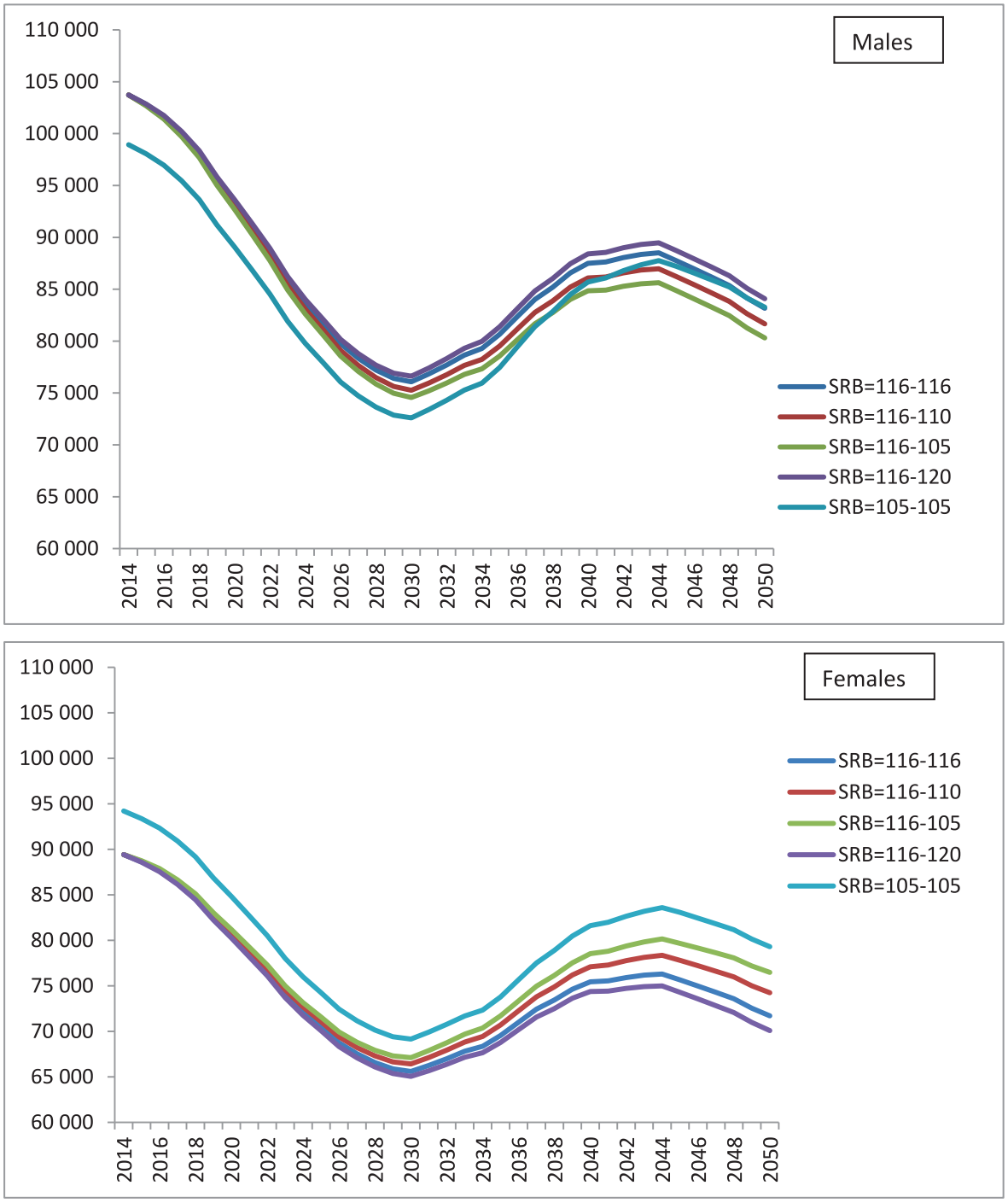
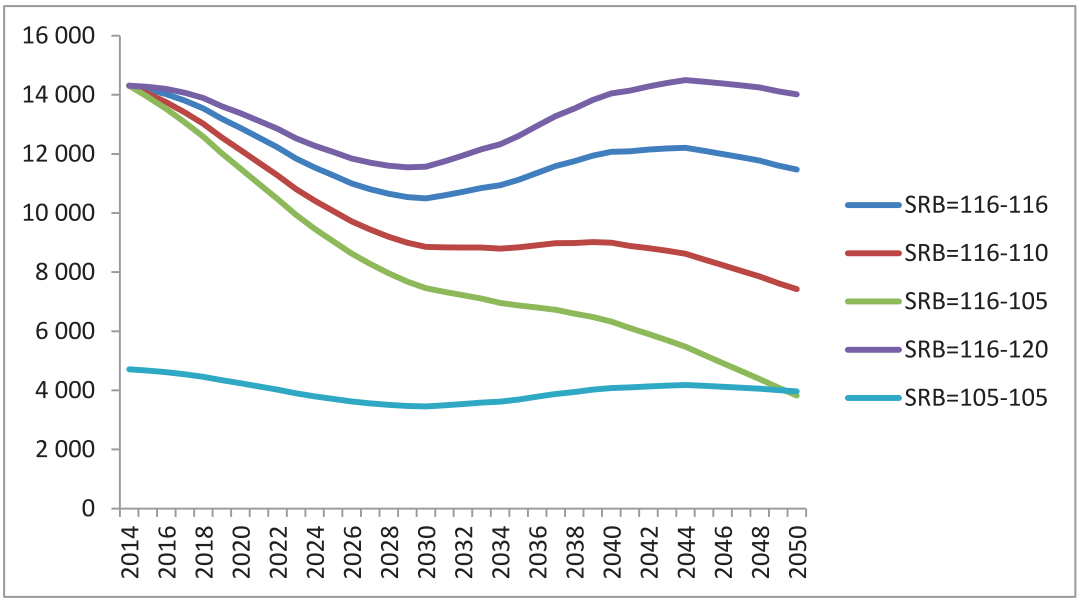


Figure 9 presents the results in respect of the excess number of male births according to different SRB scenarios. The number of excess male births remains almost at the same level (around 4,000 excess male births) in the scenario 5 (SRB-105-105), that can be easily tolerated by any population since it is originating from the biological process. However, the number of excess male births increases up to 14,000-15,000 per year in the scenario 4 (SRB=116-120) and up to 11,000-12,000 per year in the scenario 1 (SRB=116-116) during the projection period. The number of excess male births per year at this level cannot be tolerated by any of the population in the medium terms, and especially in the long terms.

Figure 9. Number of excess male births by different SRB scenarios, 2014-2050



6.4. Marriage squeeze

Skewed sex ratio at birth not only in the short term but in the medium or long term has grave consequences for the marriage market through creating a marriage squeeze. When surplus male bachelors fail to marry in a given year, they will unavoidably inflate the pool of potential grooms in the following year, and if the sex disequilibrium does not reduce rapidly, unmarried bachelors will accumulate in the "*marriage market*" and further aggravate the initial squeeze conditions. Since the marriage market is not only the function of "*cohort size*", but also a function of "*the number of years spent unmarried*" so that the impact of skewed sex ratio at birth is manifested not only in the short term but in the medium or long terms as well. Thus the analysis related to the marriage squeeze is mainly based on the projection results for the year 2050.

Figure 10. Sex ratio at birth in prime marriage ages by different SRB scenarios, 2050

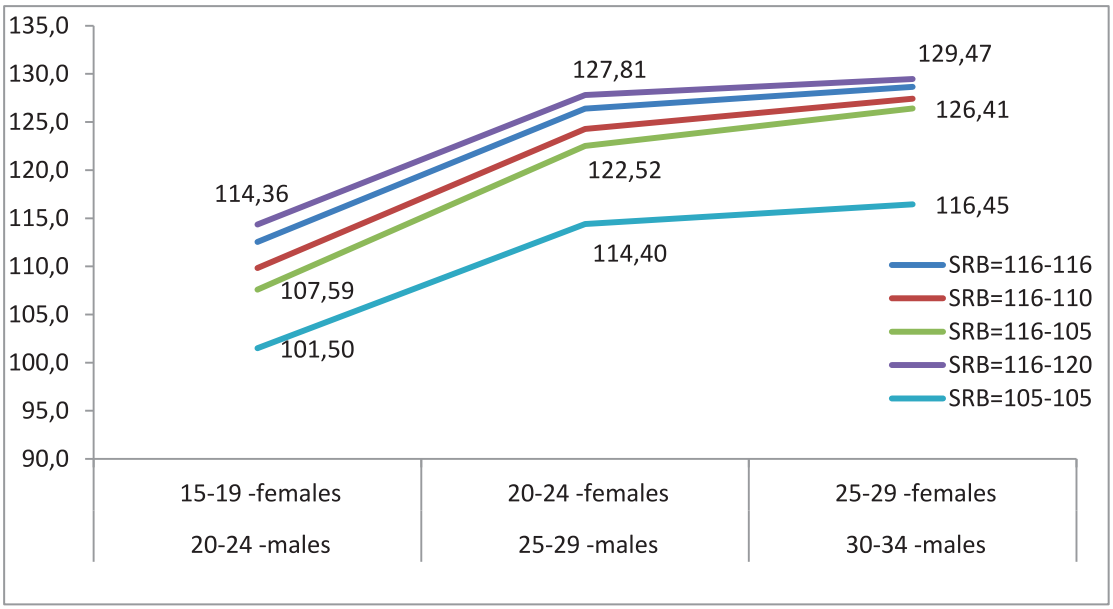


Figure 11. Number of females per 100 males in prime marriage ages by different SRB scenarios, 2050

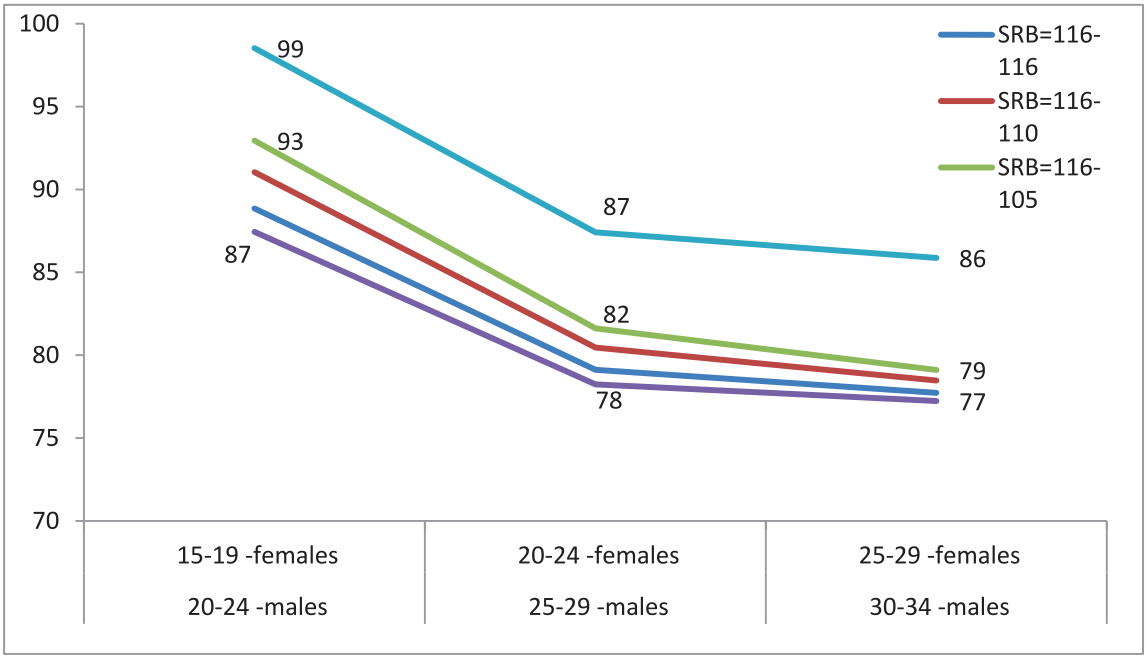


Figure 10 presents the sex ratio at birth in prime marriage ages by different SRB scenarios, considering the spousal age difference is approximately 5 years in Azerbaijan. The information obtained from SSC shows that the age gap between spouses varied between 4-5 years in the period of 1993-2013. The sex disequilibrium becomes much more evident as the age cohorts getting older, and it is the highest for scenarios 4 (SRB=116-120) and 1 (SRB=116-116). This situation is originated from both smaller cohort size of females and increased number of years spent unmarried among male cohorts. Inversely, for other scenarios the sex ratios at most common age at marriage is smaller although they escalate with the age cohorts. As expected, the lowest sex ratios are observed for the scenario 5 (SRB=105-105), that produces munch more females compared with other scenarios. The indicator of the number of females per 100 males at the prime marriage ages as presented in the Figure 11 provides further evidence for possible deterioration of the marriage market in Azerbaijan. For all the scenarios, the sex disequilibrium increases with age cohorts, the most acceptable sex disequilibrium is provided by the scenario 5 (SRB=105-105). For this scenario, the number of females per 100 males is found to be 87 females in the second age cohort, while it is as lowest as 78 females for the scenario 4 (SRB=116-120). These analyses indicate that the structure of marriage market in Azerbaijan shaped by past and current demographic experiences, such as fertility decline and skewed sex ratio at birth, turned into a market in the condition of marriage squeeze. Furthermore, the persistence of skewed sex ratio at birth as putting into the model with scenarios 1 (SRB=116-116) and 4 (SRB=116-120) will aggravate the marriage market conditions, forcing the further squeezing in the marriage market. Even if SRB were to revert to normal levels immediately, 10-15 per cent of men would be forced to remain unmarried when the imbalanced birth cohorts reach marriageable age at 20-30 years. The consequences for

the marriage market will be cumulative, as men who remain unmarried remain on the market.

7. Conclusions and recommendations

This project aims to understand the impact of different levels of sex ratio at birth on age and sex structure of future population in Azerbaijan. In the study, the impact of skewed sex ratio at birth on size and structure of Azerbaijani population and marriage market were examined using the cohort component population projection methodology. Population projections, which were realized from 2014 to 2050 by using a fixed fertility, mortality and international migration schedules, based on five different sex ratios at birth scenarios. Five different scenarios of the sex ratio at birth (SRB) are:

1. Constant SRB scenario at the level of 116,
2. Slightly decreasing SRB scenario from 116 to 110,
3. Rapidly decreasing SRB scenario from 116 to 105,
4. Slightly increasing SRB scenario from 116 to 120,
5. SRB at the biological normal level scenario from 105 to 105.

Initial input data for the year of 2013 was derived from registration data of the State Statistical Committee of Azerbaijan and final input data were gathered from UN World Population Prospect estimates for Azerbaijan. The results of sex ratio at birth-specific population projections can be evaluated in terms of five topics.

Firstly, in regard with the total projected population sizes, for the year 2050, scenario 5 (SRB=105-105) produced the maximum population (12,000,145) and scenario 4 (SRB=116-120) produced the minimum population (11,908,866). Accordingly, scenario 5, which assumes sex ratio at birth will remain at biological normal, produced highest number of female population (6,024,523); scenario 4, which assumes sex ratio at birth will increase from 116 to 120, produced the lowest number of female population (5,814,954).

Secondly, results of population projections vary in terms of age and sex distribution of the population. Since starting point of all projection scenarios is the same, imbalanced size of males and females were observed especially in young age cohorts (0-4, 5-9, 10-14) for the year 2015 in all scenarios. The gender gap in population size of young age cohorts differs according to SRB assumptions of population projections. While scenarios assuming that SRB will remain at the level 116 or will increase to 120 deteriorate the sex composition in young age cohorts, other scenarios especially the scenario which assumes SRB will remain at 105 recuperates the sex composition.

Thirdly, the impact of different SRB assumptions is visible on number of births and its sex composition. Although, in the period of 2014-2030 a substantial decline in the number of births is common in all scenarios, in the following years number of births starts to increase in all scenarios, and together with the entrance of newly born generations into the reproductive ages, scenarios start to produce different number of births. Between the years of 2044-2050 number of births again starts to decline in all scenarios due to the assumption

of fertility decline. In the end of the projection period the scenario assuming SRB will remain 105 produces highest number of births (162,570) and the scenario assuming SRB will increase to 120 produces lowest number of births (154,169). Number of male and female births also differs according to SRB assumptions, number of excess male births increases up to 15,000 in the scenario assuming SRB will increase to 120.

Finally, one of the most significant impacts of skewed sex ratio at birth is related with the squeezing the marriage market for male population. Scenarios assuming higher SRB contribute more to increasing the excess male population in the marriage market, and accordingly decrease the probability to marry for the male population with females 5-years younger than the male cohorts. In terms of marriage market condition scenario assuming SRB will remain at 105 produces the most acceptable results. Increased excess male population in the marriage market observed in pessimistic scenarios may result with decreasing age at first marriage for females; this may have an increasing impact on the "*child brides*" in Azerbaijan. This would be one of the consequences of demands of males, who remained unmarried at prime marriage ages in a cumulative way, from the "*new pool of spouses*" consisted by females in the late and even early adolescent age groups (15-19 and 10-14 respectively), mainly emerged as a result of insufficient number of spouses in "*old pool of spouses*" consisted by females in the upper age groups. Another results originated from the increasing of the excess males in prime marriage ages may be the fact that Azerbaijani males may seek new marriage markets from outside of the country, and this in turn increases the marriages in the form of "*foreign brides*".

This study has shown that the impact of past trend of skewed sex ratio on population size and structure of Azerbaijani population will be long lasting. Even in optimistic population projection scenarios, it seems that it is hard to reach an ideal sex balance for Azerbaijani population up to the mid- of this century. To prevent unfavorable results of skewed sex ratio at birth on population and marriage market, necessary policy measures should be implemented urgently.

Past trend, current situation and population projections of Azerbaijan calls for a massive advocacy campaign to sensitize the policy makers and build awareness among the population overall. This campaign should underline how skewed sex ratio at birth impacts on the population age-sex structure, number of births, sex composition of births and how squeezes the marriage market, and should emphasis on the provision of gender equality and old age security issues. Additionally, a system should be formed to monitor the trend of sex ratio at birth and the effects of measures adopted. This monitoring and evaluation system should monitor indicators such as sex ratio at birth, induced abortion rate, number of late term abortions, level of contraceptive use, women's rate of participation in the labour force, size of population covered by gender education programmes, percentage of population covered by health insurance scheme, and the like. The efficiency of policy measures will determine which population projection scenario will be realized in Azerbaijan, optimistic or pessimistic ones.

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Appendix Table 1. Projected total, male and female populations by different SRB scenarios, 2014-2050

	Total					Males					Females				
Years	SRB=116-116	SRB=116-110	SRB=116-105	SRB=116-120	SRB=105-105	SRB=116-116	SRB=116-110	SRB=116-105	SRB=116-120	SRB=105-105	SRB=116-116	SRB=116-110	SRB=116-105	SRB=116-120	SRB=105-105
2014	9 477 119	9 477 119	9 477 119	9 477 119	9 477 119	4 713 548	4 713 548	4 713 548	4 713 548	4 713 548	4 763 571	4 763 571	4 763 571	4 763 571	4 763 571
2015	9 609 096	9 609 096	9 609 096	9 609 095	9 609 134	4 784 798	4 784 730	4 784 674	4 784 842	4 780 128	4 824 298	4 824 366	4 824 422	4 824 253	4 829 006
2016	9 737 672	9 737 673	9 737 674	9 737 671	9 737 752	4 854 408	4 854 208	4 854 040	4 854 541	4 845 131	4 883 264	4 883 465	4 883 634	4 883 130	4 892 621
2017	9 862 377	9 862 381	9 862 384	9 862 376	9 862 504	4 921 878	4 921 482	4 921 151	4 922 142	4 908 072	4 940 499	4 940 899	4 941 233	4 940 234	4 954 432
2018	9 982 954	9 982 960	9 982 965	9 982 950	9 983 126	4 987 132	4 986 479	4 985 933	4 987 566	4 968 884	4 995 822	4 996 481	4 997 032	4 995 384	5 014 242
2019	10 098 191	10 098 199	10 098 208	10 098 185	10 098 409	5 049 493	5 048 527	5 047 719	5 050 134	5 026 920	5 048 698	5 049 672	5 050 489	5 048 051	5 071 489
2020	10 208 543	10 208 556	10 208 566	10 208 535	10 208 808	5 109 189	5 107 857	5 106 739	5 110 073	5 082 394	5 099 354	5 100 699	5 101 827	5 098 462	5 126 414
2021	10 313 750	10 313 766	10 313 780	10 313 738	10 314 060	5 166 062	5 164 312	5 162 843	5 167 221	5 135 152	5 147 688	5 149 454	5 150 937	5 146 517	5 178 908
2022	10 413 384	10 413 405	10 413 423	10 413 369	10 413 738	5 219 994	5 217 779	5 215 919	5 221 459	5 185 077	5 193 390	5 195 626	5 197 504	5 191 910	5 228 661
2023	10 506 618	10 506 645	10 506 666	10 506 600	10 507 017	5 270 311	5 267 590	5 265 301	5 272 111	5 231 512	5 236 307	5 239 055	5 241 365	5 234 489	5 275 504
2024	10 594 444	10 594 477	10 594 504	10 594 424	10 594 886	5 317 661	5 314 391	5 311 638	5 319 823	5 275 082	5 276 783	5 280 086	5 282 866	5 274 601	5 319 804
2025	10 677 224	10 677 262	10 677 294	10 677 198	10 677 708	5 362 245	5 358 383	5 355 131	5 364 794	5 315 973	5 314 979	5 318 879	5 322 163	5 312 404	5 361 735
2026	10 754 627	10 754 672	10 754 710	10 754 597	10 755 154	5 403 899	5 399 408	5 395 623	5 406 861	5 354 024	5 350 728	5 355 264	5 359 087	5 347 736	5 401 130
2027	10 827 470	10 827 523	10 827 566	10 827 436	10 828 039	5 443 080	5 437 920	5 433 565	5 446 482	5 389 666	5 384 390	5 389 603	5 394 001	5 380 954	5 438 374
2028	10 895 699	10 895 758	10 895 808	10 895 660	10 896 309	5 479 929	5 474 056	5 469 096	5 483 797	5 423 026	5 415 770	5 421 702	5 426 712	5 411 863	5 473 284
2029	10 959 874	10 959 941	10 959 997	10 959 830	10 960 527	5 514 637	5 508 008	5 502 404	5 518 999	5 454 282	5 445 237	5 451 933	5 457 593	5 440 831	5 506 245
2030	11 020 376	11 020 453	11 020 517	11 020 325	11 021 151	5 547 313	5 539 882	5 533 594	5 552 199	5 483 562	5 473 063	5 480 571	5 486 923	5 468 126	5 537 588
2031	11 079 282	11 079 371	11 079 447	11 079 222	11 080 329	5 579 232	5 570 940	5 563 917	5 584 679	5 512 128	5 500 050	5 508 431	5 515 530	5 494 543	5 568 201
2032	11 136 624	11 136 734	11 136 827	11 136 553	11 138 088	5 610 443	5 601 232	5 593 423	5 616 490	5 540 019	5 526 181	5 535 502	5 543 404	5 520 063	5 598 069
2033	11 192 459	11 192 595	11 192 711	11 192 370	11 194 469	5 641 005	5 630 813	5 622 165	5 647 689	5 567 284	5 551 454	5 561 782	5 570 546	5 544 681	5 627 185
2034	11 245 828	11 246 000	11 246 145	11 245 715	11 248 502	5 670 598	5 659 369	5 649 830	5 677 956	5 593 613	5 575 230	5 586 631	5 596 315	5 567 759	5 654 890
2035	11 298 371	11 298 593	11 298 780	11 298 225	11 302 127	5 699 954	5 687 622	5 677 135	5 708 026	5 619 855	5 598 417	5 610 971	5 621 645	5 590 199	5 682 272
2036	11 350 418	11 350 714	11 350 964	11 350 222	11 355 966	5 729 116	5 715 614	5 704 120	5 737 945	5 646 188	5 621 302	5 635 100	5 646 844	5 612 277	5 709 778
2037	11 402 286	11 402 691	11 403 032	11 402 020	11 410 318	5 758 422	5 743 687	5 731 127	5 768 048	5 672 943	5 643 864	5 659 004	5 671 905	5 633 972	5 737 375
2038	11 453 140	11 453 694	11 454 162	11 452 774	11 464 314	5 787 436	5 771 413	5 757 739	5 797 892	5 699 689	5 665 704	5 682 281	5 696 423	5 654 882	5 764 626
2039	11 503 498	11 504 252	11 504 886	11 503 001	11 518 459	5 816 445	5 799 079	5 784 238	5 827 765	5 726 695	5 687 053	5 705 173	5 720 648	5 675 236	5 791 765
2040	11 552 285	11 553 295	11 554 145	11 551 618	11 571 628	5 845 067	5 826 311	5 810 262	5 857 277	5 753 575	5 707 218	5 726 984	5 743 883	5 694 341	5 818 053
2041	11 598 552	11 599 879	11 600 997	11 597 674	11 622 814	5 872 592	5 852 417	5 835 130	5 885 710	5 779 628	5 725 960	5 747 462	5 765 867	5 711 964	5 843 186
2042	11 642 761	11 644 476	11 645 919	11 641 627	11 672 492	5 899 084	5 877 459	5 858 901	5 913 127	5 804 909	5 743 677	5 767 017	5 787 018	5 728 500	5 867 583
2043	11 685 375	11 687 553	11 689 387	11 683 936	11 721 117	5 924 940	5 901 837	5 881 981	5 939 923	5 829 817	5 760 435	5 785 716	5 807 406	5 744 013	5 891 301
2044	11 726 481	11 729 201	11 731 493	11 724 683	11 768 766	5 950 173	5 925 569	5 904 391	5 966 106	5 854 364	5 776 308	5 803 632	5 827 102	5 758 577	5 914 401
2045	11 764 718	11 768 063	11 770 880	11 762 510	11 813 869	5 974 018	5 947 911	5 925 401	5 990 901	5 877 724	5 790 700	5 820 152	5 845 479	5 771 609	5 936 145
2046	11 799 897	11 803 949	11 807 365	11 797 221	11 856 096	5 996 545	5 968 934	5 945 089	6 014 373	5 899 895	5 803 352	5 835 015	5 862 276	5 782 848	5 956 201
2047	11 832 557	11 837 404	11 841 492	11 829 361	11 895 993	6 017 792	5 988 680	5 963 496	6 036 562	5 920 919	5 814 765	5 848 724	5 877 996	5 792 799	5 975 074
2048	11 862 823	11 868 552	11 873 385	11 859 046	11 933 688	6 037 790	6 007 181	5 980 655	6 057 494	5 940 828	5 825 033	5 861 371	5 892 730	5 801 552	5 992 859
2049	11 889 674	11 896 371	11 902 025	11 885 261	11 968 138	6 055 776	6 023 684	5 995 824	6 076 402	5 958 869	5 833 898	5 872 687	5 906 201	5 808 859	6 009 270
2050	11 913 975	11 921 732	11 928 285	11 908 866	12 000 145	6 072 376	6 038 814	6 009 624	6 093 912	5 975 622	5 841 599	5 882 918	5 918 661	5 814 954	6 024 523

Appendix Table 2. Summary Demographic Indicators by Different SRB Scenarios, 2014-2050

Summary Demographic Indicators - Total																																						
SRB=116-116	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**	**2041**	**2042**	**2043**	**2044**	**2045**	**2046**	**2047**	**2048**	**2049**	**2050**
Azerbaijan-2014-2050-S1																																						
Fertility																																						
Input TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
Calculated TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
GRR	1,03	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1	1	1	1	1	1	1	1	1	1	1	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,98	0,98
NRR	1,01	1	1	1,01	1,01	1	1	1	1	1	1	1	0,99	0,99	0,99	1	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,97	0,97
Mean Age of Childbearing	25,6	25,6	25,6	25,7	25,7	25,8	25,8	25,9	25,9	26	26	26	26,1	26,1	26,2	26,2	26,3	26,3	26,4	26,4	26,4	26,5	26,5	26,6	26,6	26,7	26,7	26,8	26,8	26,8	26,9	26,9	27	27	27,1	27,1	27,1
Child-woman ratio	0,31	0,32	0,33	0,33	0,34	0,35	0,34	0,33	0,33	0,32	0,31	0,3	0,29	0,28	0,28	0,27	0,27	0,26	0,26	0,26	0,27	0,27	0,28	0,28	0,29	0,3	0,31	0,31	0,32	0,32	0,33	0,33	0,33	0,33	0,33	0,33	0,32
Fertility table: Custom																																						
Mortality																																						
Male LE	71,7	71,6	71,7	71,7	71,8	71,9	72	72,1	72,2	72,2	72,3	72,4	72,5	72,6	72,7	72,8	72,8	72,9	73	73,1	73,2	73,3	73,3	73,4	73,5	73,6	73,7	73,8	73,8	73,9	74	74,1	74,2	74,3	74,4	74,4	74,5
Female LE	76,9	76,9	76,9	77	77,1	77,1	77,2	77,3	77,3	77,4	77,5	77,6	77,7	77,8	77,8	77,9	78	78,2	78,3	78,4	78,4	78,5	78,6	78,7	78,8	78,9	78,9	79	79,1	79,2	79,3	79,4	79,4	79,5	79,6	79,7	79,8
Total LE	74,3	74,2	74,3	74,3	74,4	74,5	74,6	74,7	74,8	74,8	74,9	75	75,1	75,2	75,2	75,3	75,4	75,5	75,6	75,7	75,7	75,8	75,9	76	76,1	76,2	76,2	76,3	76,4	76,5	76,6	76,7	76,7	76,9	77	77	77,1
IMR	16,1	15,8	15,7	15,6	15,3	15,1	14,9	14,6	14,5	14,4	14,1	13,9	13,6	13,4	13,3	13	12,9	12,7	12,4	12,2	12	11,8	11,7	11,4	11,2	11	10,8	10,6	10,5	10,2	10	9,7	9,6	9,4	9,1	9	8,8
U5MR	18,5	18,2	18	17,9	17,6	17,3	17,1	16,8	16,6	16,5	16,2	15,9	15,6	15,3	15,1	14,8	14,7	14,4	14,1	13,9	13,7	13,4	13,3	13	12,7	12,4	12,2	11,9	11,8	11,5	11,2	11	10,8	10,5	10,2	10,1	9,8
Life table: Coale-Demeny West																																						
Vital Rates																																						
CBR per 1000	20,4	19,9	19,4	18,9	18,3	17,6	17	16,4	15,8	15,2	14,7	14,3	13,8	13,5	13,2	13	12,9	12,9	13	13,1	13,1	13,3	13,5	13,7	13,8	14	14,1	14,1	14,1	14,1	14,1	13,9	13,7	13,6	13,4	13,2	13
CDR per 1000	6,3	6,2	6,2	6,3	6,2	6,2	6,2	6,2	6,3	6,3	6,4	6,5	6,6	6,7	6,9	7,1	7,4	7,6	7,8	8,1	8,4	8,6	8,9	9,2	9,4	9,6	9,9	10,1	10,3	10,4	10,5	10,6	10,7	10,8	10,8	10,9	11
RNI percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,51	0,5	0,47	0,47	0,46	0,45	0,44	0,44	0,42	0,4	0,38	0,36	0,35	0,33	0,3	0,28	0,26	0,23	0,2
GR percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,51	0,5	0,47	0,47	0,46	0,45	0,44	0,44	0,42	0,4	0,38	0,36	0,35	0,33	0,3	0,28	0,26	0,23	0,2
Doubling time	49,6	50,8	52,8	55,2	57,7	61,1	64,5	68,3	72,8	78,5	84	89,8	96,7	103,4	111	118,7	126,6	130,7	135	139,3	146,4	149,4	151,5	152,7	156,5	158,7	164,5	174,1	182,9	190,4	198,1	213,6	232,8	251,5	272	307,3	340,2
Annual births and deaths																																						
Births	193 143	191 422	189 288	186 351	182 809	178 055	173 881	169 507	165 043	159 918	155 765	152 179	148 487	145 882	143 780	142 270	141 671	143 084	144 687	146 457	147 647	150 188	153 357	156 455	158 626	161 207	162 939	163 165	163 969	164 524	164 806	163 401	161 949	160 446	158 927	156 690	154 856
Males	103 725	102 801	101 655	100 077	98 175	95 622	93 380	91 031	88 634	85 882	83 652	81 726	79 743	78 344	77 215	76 404	76 083	76 841	77 702	78 653	79 292	80 656	82 358	84 022	85 188	86 574	87 504	87 626	88 057	88 355	88 507	87 752	86 973	86 165	85 350	84 148	83 163
Females	89 418	88 621	87 633	86 274	84 634	82 433	80 500	78 475	76 409	74 036	72 113	70 453	68 744	67 538	66 565	65 866	65 589	66 242	66 985	67 804	68 355	69 531	70 999	72 433	73 438	74 633	75 435	75 539	75 911	76 168	76 299	75 649	74 977	74 280	73 577	72 542	71 693
Deaths	59 864	59 445	60 713	61 645	62 233	62 818	63 528	64 301	65 409	66 683	67 938	69 400	71 084	73 039	75 552	78 095	81 169	84 178	87 343	90 623	94 278	97 644	101 311	104 587	107 772	110 849	114 152	116 899	119 760	121 909	123 701	125 164	126 770	127 785	128 662	129 839	130 555
Population																																						
Total	9 477 119	9 609 096	9 737 671	9 862 378	9 982 954	10 098 191	10 208 543	10 313 750	10 413 384	10 506 618	10 594 445	10 677 224	10 754 627	10 827 470	10 895 699	10 959 874	11 020 376	11 079 281	11 136 625	11 192 459	11 245 828	11 298 371	11 350 418	11 402 286	11 453 140	11 503 498	11 552 285	11 598 551	11 642 760	11 685 375	11 726 481	11 764 717	11 799 896	11 832 558	11 862 823	11 889 674	11 913 975
Male	4 713 548	4 784 798	4 854 408	4 921 878	4 987 132	5 049 493	5 109 189	5 166 062	5 219 994	5 270 311	5 317 661	5 362 245	5 403 899	5 443 080	5 479 929	5 514 637	5 547 313	5 579 232	5 610 443	5 641 005	5 670 598	5 699 954	5 729 116	5 758 422	5 787 436	5 816 445	5 845 067	5 872 592	5 899 084	5 924 940	5 950 173	5 974 018	5 996 545	6 017 792	6 037 790	6 055 776	6 072 376
Female	4 763 571	4 824 298	4 883 264	4 940 499	4 995 822	5 048 698	5 099 354	5 147 688	5 193 390	5 236 307	5 276 783	5 314 979	5 350 728	5 384 390	5 415 770	5 445 237	5 473 063	5 500 050	5 526 181	5 551 454	5 575 230	5 598 417	5 621 302	5 643 864	5 665 704	5 687 053	5 707 218	5 725 960	5 743 677	5 760 435	5 776 308	5 790 700	5 803 352	5 814 765	5 825 033	5 833 898	5 841 599
Percent 0-4	8,79	8,89	8,98	9,03	9,06	9,04	8,77	8,5	8,22	7,93	7,66	7,4	7,16	6,94	6,75	6,59	6,46	6,38	6,34	6,33	6,35	6,4	6,46	6,53	6,61	6,7	6,78	6,84	6,88	6,9	6,91	6,89	6,87	6,82	6,76	6,67	6,59
Percent 5-14	13,57	13,69	13,85	14,06	14,29	14,54	15,01	15,46	15,86	16,19	16,43	16,34	16,23	16,08	15,9	15,69	15,26	14,82	14,39	13,98	13,6	13,26	12,98	12,75	12,58	12,46	12,39	12,39	12,43	12,52	12,63	12,77	12,91	13,04	13,16	13,27	13,36
Percent 15-24	17,76	16,95	16,14	15,34	14,6	13,93	13,36	12,88	12,51	12,24	12,09	12,27	12,5	12,76	13,04	13,35	13,86	14,35	14,78	15,15	15,43	15,4	15,33	15,23	15,08	14,9	14,51	14,11	13,72	13,35	13,01	12,7	12,45	12,25	12,11	12,02	11,99
Percent 15-49	56,39	55,57	54,76	53,99	53,24	52,54	51,89	51,3	50,78	50,34	49,99	49,95	49,93	49,91	49,87	49,79	49,88	49,9	49,85	49,73	49,52	49,23	48,86	48,42	47,94	47,41	46,88	46,33	45,79	45,29	44,85	44,49	44,21	44,02	43,9	43,85	43,86
Percent 15-64	71,8	71,56	71,24	70,86	70,42	69,95	69,44	68,92	68,4	67,91	67,44	67,24	67,01	66,79	66,58	66,42	66,49	66,57	66,65	66,72	66,77	66,81	66,83	66,81	66,76	66,67	66,56	66,42	66,26	66,05	65,79	65,51	65,21	64,89	64,55	64,2	63,85
Percent 65 and over	5,84	5,86	5,93	6,05	6,23	6,48	6,77	7,12	7,52	7,97	8,47	9,02	9,6	10,19	10,77	11,3	11,79	12,23	12,62	12,97	13,27	13,53	13,74	13,91	14,06	14,17	14,27	14,35	14,43	14,53	14,66	14,82	15,02	15,26	15,53	15,85	16,2
Percent females 15-49	56,45	55,56	54,68	53,83	53,01	52,23	51,51	50,84	50,25	49,74	49,32	49,18	49,07	48,96	48,83	48,68	48,67	48,61	48,47	48,26	47,96	47,58	47,13	46,61	46,04	45,46	44,87	44,28	43,71	43,19	42,74	42,38	42,11	41,94	41,84	41,8	41,83
Sex ratio	98,95	99,18	99,41	99,62	99,83	100,02	100,19	100,36	100,51	100,65	100,77	100,89	100,99	101,09	101,18	101,27	101,36	101,44	101,52	101,61	101,71	101,81	101,92	102,03	102,15	102,28	102,42	102,56	102,71	102,86	103,01	103,17	103,33	103,49	103,65	103,8	103,95
Dependency ratio	0,39	0,4	0,4	0,41	0,42	0,43	0,44	0,45	0,46	0,47	0,48	0,49	0,49	0,5	0,5	0,51	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,51	0,51	0,51	0,52	0,53	0,53	0,54	0,55	0,56	0,57
Median age	30	30	31	31	31	32	32	33	33	33	34	34	35	35	36	36	36	37	37	37	37	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38

Summary Demographic Indicators - Total

SRB=116-110 Azerbaijan-2014-2050-S2	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Fertility																																					
Input TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
Calculated TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
GRR	1,03	1,02	1,02	1,03	1,03	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,01	1,01	1,02	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01
NRR	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1	1,01	1,01	1	1	1,01	1,01	1	1	1,01	1,01	1	1	1,01	1,01	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Age of Childbearing	25,6	25,6	25,6	25,7	25,7	25,8	25,8	25,9	25,9	26	26	26	26,1	26,1	26,2	26,2	26,3	26,3	26,4	26,4	26,4	26,5	26,5	26,6	26,6	26,7	26,7	26,8	26,8	26,8	26,9	26,9	27	27	27,1	27,1	27,1
Child-woman ratio	0,31	0,32	0,33	0,33	0,34	0,35	0,34	0,33	0,33	0,32	0,31	0,3	0,29	0,28	0,28	0,27	0,27	0,26	0,26	0,26	0,27	0,27	0,28	0,28	0,29	0,3	0,31	0,31	0,32	0,32	0,33	0,33	0,33	0,33	0,33	0,33	0,32
Fertility table: Custom																																					
Mortality																																					
Male LE	71,7	71,6	71,7	71,7	71,8	71,9	72	72,1	72,2	72,2	72,3	72,4	72,5	72,6	72,7	72,8	72,8	72,9	73	73,1	73,2	73,3	73,3	73,4	73,5	73,6	73,7	73,8	73,8	73,9	74	74,1	74,2	74,3	74,4	74,4	74,5
Female LE	76,9	76,9	76,9	77	77,1	77,1	77,2	77,3	77,3	77,4	77,5	77,6	77,7	77,8	77,8	77,9	78	78,2	78,3	78,4	78,4	78,5	78,6	78,7	78,8	78,9	78,9	79	79,1	79,2	79,3	79,4	79,4	79,5	79,6	79,7	79,8
Total LE	74,3	74,2	74,3	74,3	74,4	74,5	74,6	74,7	74,8	74,8	74,9	75	75,1	75,2	75,2	75,3	75,4	75,5	75,6	75,7	75,7	75,8	75,9	76	76,1	76,2	76,2	76,3	76,4	76,5	76,6	76,7	76,8	76,9	77	77	77,1
IMR	16,1	15,8	15,7	15,6	15,3	15,1	14,8	14,6	14,4	14,3	14,1	13,8	13,6	13,4	13,2	13	12,9	12,6	12,4	12,1	12	11,7	11,6	11,4	11,1	10,9	10,7	10,5	10,4	10,1	9,9	9,7	9,5	9,3	9	8,9	8,7
U5MR	18,5	18,2	18	17,9	17,6	17,3	17	16,7	16,6	16,4	16,1	15,9	15,6	15,3	15,1	14,8	14,7	14,4	14,1	13,8	13,6	13,3	13,2	12,9	12,6	12,3	12,1	11,9	11,7	11,4	11,1	10,8	10,7	10,4	10,1	10	9,7
Life table: Coale-Demeny West																																					
Vital Rates																																					
CBR per 1000	20,4	19,9	19,4	18,9	18,3	17,6	17	16,4	15,8	15,2	14,7	14,3	13,8	13,5	13,2	13	12,9	12,9	13	13,1	13,1	13,3	13,5	13,7	13,9	14	14,1	14,1	14,1	14,1	14,1	13,9	13,8	13,6	13,5	13,3	13,1
CDR per 1000	6,3	6,2	6,2	6,3	6,2	6,2	6,2	6,2	6,3	6,3	6,4	6,5	6,6	6,7	6,9	7,1	7,4	7,6	7,8	8,1	8,4	8,6	8,9	9,2	9,4	9,6	9,9	10,1	10,3	10,4	10,5	10,6	10,7	10,8	10,8	10,9	10,9
RNI percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,52	0,5	0,47	0,47	0,46	0,46	0,45	0,44	0,42	0,4	0,38	0,37	0,36	0,33	0,3	0,28	0,26	0,23	0,21
GR percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,52	0,5	0,47	0,47	0,46	0,46	0,45	0,44	0,42	0,4	0,38	0,37	0,36	0,33	0,3	0,28	0,26	0,23	0,21
Doubling time	49,6	50,8	52,8	55,2	57,7	61,1	64,5	68,3	72,8	78,5	84	89,7	96,6	103,4	111	118,7	126,6	130,7	134,9	139,2	146,3	149,3	151,3	152,4	156	158,1	163,6	172,9	181,3	188,4	195,6	210,3	228,3	245,6	264,5	296,8	326,2
Annual births and deaths																																					
Births	193 143	191 422	189 288	186 351	182 809	178 055	173 881	169 507	165 043	159 918	155 765	152 179	148 487	145 882	143 780	142 270	141 672	143 088	144 697	146 474	147 671	150 226	153 419	156 550	158 762	161 393	163 181	163 469	164 342	164 972	165 334	164 010	162 643	161 226	159 795	157 644	155 901
Males	103 725	102 732	101 519	99 877	97 913	95 303	93 006	90 605	88 160	85 364	83 091	81 123	79 101	77 660	76 488	75 633	75 264	75 963	76 764	77 653	78 233	79 532	81 165	82 764	83 874	85 204	86 088	86 179	86 577	86 848	86 977	86 219	85 439	84 634	83 823	82 635	81 662
Females	89 418	88 690	87 769	86 474	84 896	82 752	80 875	78 902	76 884	74 554	72 674	71 056	69 387	68 222	67 292	66 637	66 409	67 125	67 933	68 821	69 438	70 695	72 254	73 786	74 888	76 189	77 094	77 290	77 764	78 124	78 358	77 791	77 204	76 592	75 972	75 009	74 239
Deaths	59 864	59 445	60 711	61 643	62 230	62 815	63 525	64 296	65 405	66 678	67 933	69 394	71 077	73 032	75 544	78 087	81 161	84 169	87 334	90 612	94 267	97 633	101 298	104 574	107 758	110 836	114 138	116 885	119 745	121 894	123 686	125 149	126 756	127 770	128 648	129 824	130 540
Population																																					
Total	9 477 119	9 609 096	9 737 673	9 862 381	9 982 960	10 098 200	10 208 556	10 313 766	10 413 405	10 506 645	10 594 477	10 677 262	10 754 672	10 827 522	10 895 758	10 959 941	11 020 452	11 079 371	11 136 734	11 192 596	11 246 000	11 298 593	11 350 714	11 402 690	11 453 695	11 504 252	11 553 295	11 599 879	11 644 476	11 687 553	11 729 202	11 768 062	11 803 949	11 837 405	11 868 552	11 896 371	11 921 732
Male	4 713 548	4 784 730	4 854 208	4 921 482	4 986 479	5 048 527	5 107 857	5 164 312	5 217 779	5 267 590	5 314 391	5 358 383	5 399 408	5 437 920	5 474 056	5 508 008	5 539 882	5 570 940	5 601 232	5 630 813	5 659 369	5 687 622	5 715 614	5 743 687	5 771 413	5 799 079	5 826 311	5 852 417	5 877 459	5 901 837	5 925 569	5 947 911	5 968 934	5 988 680	6 007 181	6 023 684	6 038 814
Female	4 763 571	4 824 366	4 883 465	4 940 899	4 996 481	5 049 672	5 100 699	5 149 454	5 195 626	5 239 055	5 280 086	5 318 879	5 355 264	5 389 603	5 421 702	5 451 933	5 480 571	5 508 431	5 535 502	5 561 782	5 586 631	5 610 971	5 635 100	5 659 004	5 682 281	5 705 173	5 726 984	5 747 462	5 767 017	5 785 716	5 803 632	5 820 152	5 835 015	5 848 724	5 861 371	5 872 687	5 882 918
Percent 0-4	8,79	8,89	8,98	9,03	9,06	9,04	8,77	8,5	8,22	7,93	7,66	7,4	7,16	6,94	6,75	6,59	6,46	6,38	6,34	6,33	6,35	6,4	6,46	6,53	6,61	6,7	6,79	6,85	6,89	6,92	6,93	6,91	6,89	6,84	6,78	6,7	6,62
Percent 5-14	13,57	13,69	13,85	14,06	14,29	14,54	15,01	15,46	15,86	16,19	16,43	16,34	16,23	16,08	15,9	15,69	15,26	14,82	14,39	13,98	13,6	13,26	12,98	12,75	12,58	12,46	12,39	12,39	12,43	12,52	12,64	12,78	12,91	13,04	13,17	13,29	13,38
Percent 15-24	17,76	16,95	16,14	15,34	14,6	13,93	13,36	12,88	12,51	12,24	12,09	12,27	12,5	12,76	13,04	13,35	13,86	14,35	14,78	15,15	15,43	15,4	15,33	15,23	15,08	14,9	14,51	14,11	13,72	13,35	13,01	12,7	12,45	12,25	12,11	12,02	11,98
Percent 15-49	56,39	55,57	54,76	53,99	53,24	52,54	51,89	51,3	50,78	50,34	49,99	49,95	49,93	49,91	49,87	49,79	49,88	49,9	49,85	49,73	49,52	49,23	48,86	48,42	47,93	47,41	46,87	46,32	45,78	45,28	44,84	44,47	44,2	44	43,88	43,82	43,83
Percent 15-64	71,8	71,56	71,24	70,86	70,42	69,95	69,44	68,92	68,4	67,91	67,44	67,24	67,01	66,79	66,58	66,42	66,49	66,57	66,65	66,72	66,77	66,81	66,82	66,81	66,75	66,67	66,55	66,42	66,25	66,04	65,78	65,49	65,18	64,86	64,52	64,17	63,81
Percent 65 and over	5,84	5,86	5,93	6,05	6,23	6,48	6,77	7,12	7,52	7,97	8,47	9,02	9,6	10,19	10,77	11,3	11,79	12,23	12,62	12,97	13,27	13,53	13,74	13,91	14,05	14,17	14,27	14,35	14,43	14,53	14,66	14,82	15,02	15,25	15,53	15,84	16,19
Percent females 15-49	56,45	55,56	54,68	53,83	53	52,22	51,49	50,83	50,23	49,72	49,28	49,15	49,03	48,91	48,78	48,62	48,61	48,54	48,4	48,18	47,88	47,5	47,04	46,52	45,96	45,37	44,78	44,19	43,62	43,11	42,66	42,29	42,03	41,85	41,75	41,72	41,75
Sex ratio	98,95	99,18	99,4	99,61	99,8	99,98	100,14	100,29	100,43	100,54	100,65	100,74	100,82	100,9	100,97	101,03	101,08	101,13	101,19	101,24	101,3	101,37	101,43	101,5	101,57	101,65	101,73	101,83	101,92	102,01	102,1	102,2	102,3	102,39	102,49	102,57	102,65
Dependency ratio	0,39	0,4	0,4	0,41	0,42	0,43	0,44	0,45	0,46	0,47	0,48	0,49	0,49	0,5	0,5	0,51	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,51	0,51	0,51	0,52	0,53	0,53	0,54	0,55	0,56	0,57
Median age	30	30	31	31	31	32	32	33	33	33	34	34	35	35	36	36	36	37	37	37	37	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38

Summary Demographic Indicators - Total

SRB=116-105 Azerbaijan-2014-2050-S3	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Fertility																																					
Input TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
Calculated TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
GRR	1,03	1,02	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,04	1,03	1,03
NRR	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,02	1,01	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,03	1,03	1,02	1,03
Mean Age of Childbearing	25,6	25,6	25,6	25,7	25,7	25,8	25,8	25,9	25,9	26	26	26	26,1	26,1	26,2	26,2	26,3	26,3	26,4	26,4	26,4	26,5	26,5	26,6	26,6	26,7	26,7	26,8	26,8	26,8	26,9	26,9	27	27	27,1	27,1	27,1
Child-woman ratio	0,31	0,32	0,33	0,33	0,34	0,35	0,34	0,33	0,33	0,32	0,31	0,3	0,29	0,28	0,28	0,27	0,27	0,26	0,26	0,26	0,27	0,27	0,28	0,28	0,29	0,3	0,31	0,31	0,32	0,32	0,33	0,33	0,33	0,33	0,33	0,33	0,32
Fertility table: Custom																																					
Mortality																																					
Male LE	71,7	71,6	71,7	71,7	71,8	71,9	72	72,1	72,2	72,2	72,3	72,4	72,5	72,6	72,7	72,8	72,8	72,9	73	73,1	73,2	73,3	73,3	73,4	73,5	73,6	73,7	73,8	73,8	73,9	74	74,1	74,2	74,3	74,4	74,4	74,5
Female LE	76,9	76,9	76,9	77	77,1	77,1	77,2	77,3	77,3	77,4	77,5	77,6	77,7	77,8	77,8	77,9	78	78,2	78,3	78,4	78,4	78,5	78,6	78,7	78,8	78,9	78,9	79	79,1	79,2	79,3	79,4	79,4	79,5	79,6	79,7	79,8
Total LE	74,3	74,2	74,3	74,3	74,4	74,5	74,6	74,7	74,8	74,8	74,9	75	75,1	75,2	75,2	75,3	75,4	75,5	75,6	75,7	75,7	75,8	75,9	76	76,1	76,2	76,3	76,4	76,4	76,5	76,6	76,7	76,8	76,9	77	77	77,1
IMR	16,1	15,8	15,7	15,6	15,3	15,1	14,8	14,6	14,4	14,3	14,1	13,8	13,6	13,3	13,2	12,9	12,8	12,6	12,3	12,1	11,9	11,7	11,6	11,3	11,1	10,8	10,7	10,4	10,3	10,1	9,8	9,6	9,4	9,2	8,9	8,8	8,6
U5MR	18,5	18,2	18	17,9	17,6	17,3	17	16,7	16,5	16,4	16,1	15,8	15,5	15,2	15	14,8	14,6	14,3	14	13,7	13,6	13,3	13,1	12,8	12,5	12,2	12,1	11,8	11,6	11,4	11,1	10,8	10,6	10,3	10	9,9	9,6
Life table: Coale-Demeny West																																					
Vital Rates																																					
CBR per 1000	20,4	19,9	19,4	18,9	18,3	17,6	17	16,4	15,8	15,2	14,7	14,3	13,8	13,5	13,2	13	12,9	12,9	13	13,1	13,1	13,3	13,5	13,7	13,9	14	14,1	14,1	14,1	14,1	14,1	14	13,8	13,7	13,5	13,3	13,1
CDR per 1000	6,3	6,2	6,2	6,3	6,2	6,2	6,2	6,2	6,3	6,3	6,4	6,5	6,6	6,7	6,9	7,1	7,4	7,6	7,8	8,1	8,4	8,6	8,9	9,2	9,4	9,6	9,9	10,1	10,3	10,4	10,5	10,6	10,7	10,8	10,8	10,9	10,9
RNI percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,52	0,5	0,48	0,47	0,46	0,46	0,45	0,44	0,43	0,4	0,39	0,37	0,36	0,33	0,31	0,29	0,27	0,24	0,22
GR percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,52	0,5	0,48	0,47	0,46	0,46	0,45	0,44	0,43	0,4	0,39	0,37	0,36	0,33	0,31	0,29	0,27	0,24	0,22
Doubling time	49,6	50,8	52,8	55,2	57,7	61,1	64,5	68,3	72,8	78,4	84	89,7	96,6	103,4	111	118,7	126,6	130,7	134,9	139,2	146,2	149,1	151,1	152,1	155,6	157,6	162,9	172	180	186,8	193,5	207,5	224,7	240,9	258,4	288,4	315,2
Annual births and deaths																																					
Births	193 143	191 422	189 288	186 351	182 809	178 055	173 881	169 507	165 043	159 918	155 765	152 179	148 487	145 882	143 780	142 270	141 673	143 092	144 705	146 488	147 692	150 258	153 471	156 630	158 876	161 549	163 385	163 725	164 655	165 348	165 779	164 524	163 229	161 884	160 529	158 451	156 787
Males	103 725	102 675	101 406	99 710	97 694	95 035	92 691	90 247	87 760	84 927	82 617	80 612	78 556	77 079	75 870	74 976	74 565	75 213	75 961	76 796	77 325	78 565	80 138	81 677	82 738	84 016	84 855	84 916	85 282	85 523	85 628	84 862	84 077	83 268	82 455	81 273	80 305
Females	89 418	88 747	87 882	86 641	85 115	83 020	81 189	79 260	77 284	74 991	73 148	71 567	69 931	68 803	67 910	67 294	67 108	67 879	68 743	69 691	70 367	71 694	73 334	74 953	76 139	77 533	78 529	78 808	79 373	79 825	80 151	79 662	79 152	78 616	78 074	77 178	76 481
Deaths	59 864	59 444	60 711	61 641	62 228	62 812	63 522	64 293	65 401	66 674	67 928	69 389	71 072	73 026	75 538	78 080	81 154	84 162	87 325	90 603	94 258	97 623	101 288	104 563	107 746	110 824	114 126	116 873	119 732	121 881	123 673	125 136	126 743	127 758	128 636	129 811	130 527
Population																																					
Total	9 477 119	9 609 097	9 737 674	9 862 384	9 982 965	10 098 207	10 208 567	10 313 780	10 413 423	10 506 667	10 594 504	10 677 294	10 754 710	10 827 566	10 895 808	10 959 997	11 020 517	11 079 447	11 136 827	11 192 711	11 246 145	11 298 780	11 350 964	11 403 031	11 454 161	11 504 887	11 554 145	11 600 996	11 645 920	11 689 386	11 731 493	11 770 880	11 807 365	11 841 492	11 873 385	11 902 025	11 928 284
Male	4 713 548	4 784 674	4 854 040	4 921 151	4 985 933	5 047 719	5 106 739	5 162 843	5 215 919	5 265 301	5 311 638	5 355 131	5 395 623	5 433 565	5 469 096	5 502 404	5 533 594	5 563 917	5 593 423	5 622 165	5 649 830	5 677 135	5 704 120	5 731 127	5 757 739	5 784 238	5 810 262	5 835 130	5 858 901	5 881 981	5 904 391	5 925 401	5 945 089	5 963 496	5 980 655	5 995 824	6 009 624
Female	4 763 571	4 824 422	4 883 634	4 941 233	4 997 032	5 050 489	5 101 827	5 150 937	5 197 504	5 241 365	5 282 866	5 322 163	5 359 087	5 394 001	5 426 712	5 457 593	5 486 923	5 515 530	5 543 404	5 570 546	5 596 315	5 621 645	5 646 844	5 671 905	5 696 423	5 720 648	5 743 883	5 765 867	5 787 018	5 807 406	5 827 102	5 845 479	5 862 276	5 877 996	5 892 730	5 906 201	5 918 661
Percent 0-4	8,79	8,89	8,98	9,03	9,06	9,04	8,77	8,5	8,22	7,93	7,66	7,4	7,16	6,94	6,75	6,59	6,46	6,38	6,34	6,33	6,35	6,4	6,46	6,54	6,62	6,71	6,79	6,85	6,9	6,93	6,94	6,93	6,9	6,86	6,8	6,73	6,65
Percent 5-14	13,57	13,69	13,85	14,06	14,29	14,54	15,01	15,46	15,86	16,19	16,43	16,34	16,23	16,08	15,9	15,69	15,26	14,82	14,39	13,98	13,6	13,26	12,98	12,75	12,58	12,46	12,39	12,39	12,43	12,52	12,64	12,78	12,92	13,05	13,18	13,3	13,39
Percent 15-24	17,76	16,95	16,14	15,34	14,6	13,93	13,36	12,88	12,51	12,24	12,09	12,27	12,5	12,76	13,04	13,35	13,86	14,35	14,78	15,15	15,43	15,4	15,33	15,23	15,08	14,9	14,51	14,11	13,72	13,35	13,01	12,7	12,44	12,24	12,1	12,01	11,97
Percent 15-49	56,39	55,57	54,76	53,98	53,24	52,54	51,89	51,3	50,78	50,34	49,99	49,95	49,93	49,91	49,87	49,79	49,88	49,9	49,85	49,72	49,52	49,23	48,86	48,42	47,93	47,41	46,87	46,32	45,78	45,28	44,83	44,46	44,18	43,99	43,87	43,81	43,81
Percent 15-64	71,8	71,56	71,24	70,86	70,42	69,95	69,44	68,92	68,4	67,91	67,44	67,24	67,01	66,79	66,58	66,42	66,49	66,57	66,65	66,72	66,77	66,81	66,82	66,8	66,75	66,66	66,55	66,41	66,24	66,03	65,77	65,47	65,17	64,84	64,5	64,14	63,78
Percent 65 and over	5,84	5,86	5,93	6,05	6,23	6,48	6,77	7,12	7,52	7,97	8,47	9,02	9,6	10,19	10,77	11,3	11,79	12,23	12,62	12,97	13,27	13,53	13,74	13,91	14,05	14,17	14,27	14,35	14,43	14,53	14,65	14,82	15,01	15,25	15,52	15,83	16,18
Percent females 15-49	56,45	55,56	54,68	53,82	53	52,21	51,48	50,81	50,21	49,69	49,26	49,11	48,99	48,87	48,73	48,56	48,55	48,48	48,33	48,11	47,81	47,43	46,97	46,45	45,88	45,3	44,71	44,12	43,55	43,03	42,58	42,22	41,95	41,78	41,68	41,65	41,68
Sex ratio	98,95	99,18	99,39	99,59	99,78	99,95	100,1	100,23	100,35	100,46	100,54	100,62	100,68	100,73	100,78	100,82	100,85	100,88	100,9	100,93	100,96	100,99	101,01	101,04	101,08	101,11	101,16	101,2	101,24	101,28	101,33	101,37	101,41	101,45	101,49	101,52	101,54
Dependency ratio	0,39	0,4	0,4	0,41	0,42	0,43	0,44	0,45	0,46	0,47	0,48	0,49	0,49	0,5	0,5	0,51	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,51	0,51	0,51	0,52	0,53	0,53	0,54	0,55	0,56	0,57
Median age	30	30	31	31	31	32	32	33	33	33	34	34	35	35	36	36	36	37	37	37	37	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38

Summary Demographic Indicators - Total

SRB=116-120 Azerbaijan-2014-2050-S4	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Fertility																																					
Input TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
Calculated TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
GRR	1,03	1,02	1,02	1,02	1,02	1,02	1,02	1,01	1,01	1,01	1,01	1,01	1	1	1	1	1	1	1	0,99	0,99	0,99	0,99	0,99	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,97	0,97	0,97	0,97	0,96	0,96
NRR	1,01	1	1	1	1	1	1	1	1	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,97	0,97	0,97	0,97	0,97	0,97	0,97	0,96	0,96	0,96	0,96	0,96	0,96
Mean Age of Childbearing	25,6	25,6	25,6	25,7	25,7	25,8	25,8	25,9	25,9	26	26	26	26,1	26,1	26,2	26,2	26,3	26,3	26,4	26,4	26,4	26,5	26,5	26,6	26,6	26,7	26,7	26,8	26,8	26,8	26,9	26,9	27	27	27,1	27,1	27,1
Child-woman ratio	0,31	0,32	0,33	0,33	0,34	0,35	0,34	0,33	0,33	0,32	0,31	0,3	0,29	0,28	0,28	0,27	0,27	0,26	0,26	0,26	0,27	0,27	0,28	0,28	0,29	0,3	0,31	0,31	0,32	0,32	0,33	0,33	0,33	0,33	0,33	0,33	0,32
Fertility table: Custom																																					
Mortality																																					
Male LE	71,7	71,6	71,7	71,7	71,8	71,9	72	72,1	72,2	72,2	72,3	72,4	72,5	72,6	72,7	72,8	72,8	72,9	73	73,1	73,2	73,3	73,3	73,4	73,5	73,6	73,7	73,8	73,8	73,9	74	74,1	74,2	74,3	74,4	74,4	74,5
Female LE	76,9	76,9	76,9	77	77,1	77,1	77,2	77,3	77,3	77,4	77,5	77,6	77,7	77,8	77,8	77,9	78	78,2	78,3	78,4	78,4	78,5	78,6	78,7	78,8	78,9	78,9	79	79,1	79,2	79,3	79,4	79,4	79,5	79,6	79,7	79,8
Total LE	74,3	74,2	74,3	74,3	74,4	74,5	74,6	74,7	74,8	74,8	74,9	75	75,1	75,2	75,2	75,3	75,4	75,5	75,6	75,7	75,7	75,8	75,9	76	76,1	76,2	76,2	76,3	76,4	76,5	76,6	76,7	76,7	76,8	76,9	77	77,1
IMR	16,1	15,8	15,7	15,6	15,4	15,1	14,9	14,6	14,5	14,4	14,1	13,9	13,7	13,4	13,3	13	12,9	12,7	12,5	12,2	12,1	11,8	11,7	11,5	11,2	11	10,9	10,6	10,5	10,3	10	9,8	9,7	9,4	9,2	9,1	8,8
U5MR	18,5	18,2	18	17,9	17,6	17,4	17,1	16,8	16,6	16,5	16,2	15,9	15,6	15,3	15,2	14,9	14,8	14,5	14,2	13,9	13,7	13,4	13,3	13	12,7	12,5	12,3	12	11,9	11,6	11,3	11	10,8	10,6	10,3	10,2	9,9
Life table: Coale-Demeny West																																					
Vital Rates																																					
CBR per 1000	20,4	19,9	19,4	18,9	18,3	17,6	17	16,4	15,8	15,2	14,7	14,3	13,8	13,5	13,2	13	12,9	12,9	13	13,1	13,1	13,3	13,5	13,7	13,8	14	14,1	14,1	14,1	14,1	14	13,9	13,7	13,5	13,4	13,1	12,9
CDR per 1000	6,3	6,2	6,2	6,3	6,2	6,2	6,2	6,2	6,3	6,3	6,4	6,5	6,6	6,7	6,9	7,1	7,4	7,6	7,8	8,1	8,4	8,6	8,9	9,2	9,4	9,6	9,9	10,1	10,3	10,4	10,6	10,6	10,7	10,8	10,9	10,9	11
RNI percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,51	0,5	0,47	0,46	0,46	0,45	0,44	0,44	0,42	0,4	0,38	0,36	0,35	0,32	0,29	0,27	0,25	0,22	0,2
GR percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,51	0,5	0,47	0,46	0,46	0,45	0,44	0,44	0,42	0,4	0,38	0,36	0,35	0,32	0,29	0,27	0,25	0,22	0,2
Doubling time	49,6	50,8	52,8	55,2	57,7	61,1	64,5	68,3	72,8	78,5	84	89,8	96,7	103,4	111	118,7	126,6	130,7	135	139,3	146,5	149,5	151,7	152,9	156,8	159,1	165	174,9	183,9	191,8	199,8	215,9	235,9	255,5	277,3	314,6	350
Annual births and deaths																																					
Births	193 143	191 422	189 288	186 351	182 809	178 055	173 881	169 507	165 043	159 918	155 765	152 179	148 487	145 882	143 780	142 270	141 671	143 081	144 681	146 446	147 630	150 162	153 316	156 392	158 536	161 084	162 779	162 964	163 722	164 228	164 457	162 999	161 492	159 932	158 356	156 063	154 169
Males	103 725	102 846	101 745	100 210	98 349	95 833	93 628	91 313	88 948	86 223	84 021	82 122	80 165	78 793	77 691	76 909	76 618	77 414	78 313	79 303	79 979	81 386	83 131	84 835	86 035	87 455	88 413	88 551	89 001	89 314	89 477	88 721	87 938	87 125	86 303	85 090	84 092
Females	89 418	88 576	87 543	86 141	84 460	82 221	80 253	78 194	76 096	73 695	71 744	70 057	68 322	67 089	66 089	65 361	65 053	65 667	66 367	67 143	67 651	68 776	70 185	71 557	72 501	73 629	74 366	74 413	74 721	74 914	74 981	74 278	73 554	72 807	72 053	70 974	70 077
Deaths	59 864	59 446	60 713	61 646	62 234	62 820	63 531	64 303	65 412	66 687	67 942	69 404	71 088	73 043	75 556	78 100	81 175	84 184	87 350	90 629	94 285	97 652	101 319	104 595	107 780	110 858	114 161	116 908	119 769	121 919	123 710	125 174	126 779	127 793	128 671	129 848	130 564
Population																																					
Total	9 477 119	9 609 095	9 737 670	9 862 375	9 982 950	10 098 185	10 208 535	10 313 738	10 413 370	10 506 601	10 594 424	10 677 198	10 754 598	10 827 436	10 895 660	10 959 830	11 020 326	11 079 222	11 136 553	11 192 370	11 245 715	11 298 225	11 350 222	11 402 019	11 452 775	11 503 000	11 551 618	11 597 674	11 641 627	11 683 937	11 724 684	11 762 509	11 797 222	11 829 361	11 859 046	11 885 261	11 908 867
Male	4 713 548	4 784 842	4 854 541	4 922 142	4 987 566	5 050 134	5 110 073	5 167 221	5 221 459	5 272 111	5 319 823	5 364 794	5 406 861	5 446 482	5 483 797	5 518 999	5 552 199	5 584 679	5 616 490	5 647 689	5 677 956	5 708 026	5 737 945	5 768 048	5 797 892	5 827 765	5 857 277	5 885 710	5 913 127	5 939 923	5 966 106	5 990 901	6 014 373	6 036 562	6 057 494	6 076 402	6 093 912
Female	4 763 571	4 824 253	4 883 130	4 940 234	4 995 384	5 048 051	5 098 462	5 146 517	5 191 910	5 234 489	5 274 601	5 312 404	5 347 736	5 380 954	5 411 863	5 440 831	5 468 126	5 494 543	5 520 063	5 544 681	5 567 759	5 590 199	5 612 277	5 633 972	5 654 882	5 675 236	5 694 341	5 711 964	5 728 500	5 744 013	5 758 577	5 771 609	5 782 848	5 792 799	5 801 552	5 808 859	5 814 954
Percent 0-4	8,79	8,89	8,98	9,03	9,06	9,04	8,77	8,5	8,22	7,93	7,66	7,4	7,16	6,94	6,75	6,59	6,46	6,38	6,34	6,33	6,35	6,4	6,46	6,53	6,61	6,7	6,78	6,83	6,87	6,9	6,9	6,88	6,85	6,8	6,74	6,66	6,57
Percent 5-14	13,57	13,69	13,85	14,06	14,29	14,54	15,01	15,46	15,86	16,19	16,43	16,34	16,23	16,08	15,9	15,69	15,26	14,82	14,39	13,98	13,6	13,26	12,98	12,75	12,58	12,46	12,39	12,39	12,43	12,51	12,63	12,77	12,9	13,03	13,15	13,26	13,35
Percent 15-24	17,76	16,95	16,14	15,34	14,6	13,93	13,36	12,88	12,51	12,24	12,09	12,27	12,5	12,76	13,04	13,35	13,86	14,35	14,78	15,15	15,43	15,4	15,33	15,23	15,08	14,9	14,51	14,11	13,73	13,35	13,01	12,71	12,45	12,25	12,12	12,03	11,99
Percent 15-49	56,39	55,57	54,76	53,99	53,24	52,54	51,89	51,3	50,78	50,35	49,99	49,95	49,93	49,91	49,87	49,79	49,88	49,9	49,85	49,73	49,52	49,23	48,86	48,42	47,94	47,42	46,88	46,33	45,79	45,3	44,86	44,49	44,22	44,03	43,91	43,86	43,88
Percent 15-64	71,8	71,56	71,24	70,86	70,42	69,95	69,44	68,92	68,4	67,91	67,44	67,24	67,02	66,79	66,59	66,42	66,49	66,57	66,65	66,72	66,78	66,81	66,83	66,81	66,76	66,67	66,56	66,43	66,26	66,06	65,8	65,52	65,22	64,9	64,57	64,23	63,87
Percent 65 and over	5,84	5,86	5,93	6,05	6,23	6,48	6,77	7,12	7,52	7,97	8,47	9,02	9,6	10,19	10,77	11,3	11,79	12,23	12,62	12,97	13,27	13,53	13,74	13,91	14,06	14,17	14,27	14,35	14,44	14,53	14,66	14,83	15,02	15,26	15,54	15,86	16,21
Percent females 15-49	56,45	55,56	54,69	53,83	53,01	52,24	51,52	50,85	50,27	49,76	49,34	49,21	49,1	48,99	48,87	48,71	48,72	48,65	48,52	48,31	48,01	47,64	47,18	46,66	46,1	45,51	44,92	44,33	43,77	43,25	42,8	42,43	42,17	41,99	41,89	41,85	41,89
Sex ratio	98,95	99,18	99,41	99,63	99,84	100,04	100,23	100,4	100,57	100,72	100,86	100,99	101,11	101,22	101,33	101,44	101,54	101,64	101,75	101,86	101,98	102,11	102,24	102,38	102,53	102,69	102,86	103,04	103,22	103,41	103,6	103,8	104	104,21	104,41	104,61	104,8
Dependency ratio	0,39	0,4	0,4	0,41	0,42	0,43	0,44	0,45	0,46	0,47	0,48	0,49	0,49	0,5	0,5	0,51	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,51	0,51	0,51	0,52	0,53	0,53	0,54	0,55	0,56	0,57
Median age	30	30	31	31	31	32	32	33	33	33	34	34	35	35	36	36	36	37	37	37	37	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38

Summary Demographic Indicators - Total

SRB=105-105 Azerbaijan-2014-2050-55	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Fertility																																					
Input TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
Calculated TFR	2,22	2,21	2,21	2,21	2,21	2,2	2,2	2,2	2,2	2,19	2,19	2,19	2,18	2,18	2,18	2,18	2,17	2,17	2,17	2,17	2,16	2,16	2,16	2,16	2,15	2,15	2,15	2,14	2,14	2,14	2,14	2,13	2,13	2,13	2,13	2,12	2,12
GRR	1,08	1,08	1,08	1,08	1,08	1,07	1,07	1,07	1,07	1,07	1,07	1,07	1,06	1,06	1,06	1,06	1,06	1,06	1,06	1,06	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,03	1,03
NRR	1,06	1,06	1,06	1,06	1,06	1,06	1,06	1,06	1,06	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,04	1,04	1,04	1,05	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03
Mean Age of Childbearing	25,6	25,6	25,6	25,7	25,7	25,8	25,8	25,9	25,9	26	26	26	26,1	26,1	26,2	26,2	26,3	26,3	26,4	26,4	26,4	26,5	26,5	26,6	26,6	26,7	26,7	26,8	26,8	26,8	26,9	26,9	27	27	27,1	27,1	27,1
Child-woman ratio	0,31	0,32	0,33	0,34	0,34	0,35	0,34	0,33	0,33	0,32	0,31	0,3	0,29	0,28	0,28	0,27	0,27	0,26	0,26	0,26	0,27	0,27	0,28	0,28	0,29	0,3	0,31	0,31	0,32	0,33	0,33	0,33	0,34	0,33	0,33	0,33	0,33
Fertility table: Custom																																					
Mortality																																					
Male LE	71,7	71,6	71,7	71,7	71,8	71,9	72	72,1	72,2	72,2	72,3	72,4	72,5	72,6	72,7	72,8	72,8	72,9	73	73,1	73,2	73,3	73,3	73,4	73,5	73,6	73,7	73,8	73,8	73,9	74	74,1	74,2	74,3	74,4	74,4	74,5
Female LE	76,9	76,9	76,9	77	77,1	77,1	77,2	77,3	77,3	77,4	77,5	77,6	77,7	77,8	77,8	77,9	78	78,2	78,3	78,4	78,4	78,5	78,6	78,7	78,8	78,9	78,9	79	79,1	79,2	79,3	79,4	79,4	79,5	79,6	79,7	79,8
Total LE	74,3	74,2	74,3	74,3	74,4	74,5	74,6	74,7	74,8	74,8	74,9	75	75,1	75,2	75,3	75,4	75,4	75,5	75,6	75,7	75,8	75,9	75,9	76	76,1	76,2	76,3	76,4	76,4	76,5	76,6	76,8	76,8	76,9	77	77,1	77,2
IMR	15,8	15,6	15,5	15,4	15,1	14,9	14,6	14,4	14,3	14,2	13,9	13,7	13,4	13,2	13	12,8	12,7	12,5	12,2	12	11,8	11,6	11,5	11,2	11	10,8	10,6	10,4	10,3	10	9,8	9,5	9,4	9,2	8,9	8,8	8,6
U5MR	18,2	18	17,8	17,7	17,4	17,1	16,8	16,5	16,3	16,2	15,9	15,6	15,4	15,1	14,9	14,6	14,5	14,2	13,9	13,6	13,5	13,2	13	12,7	12,5	12,2	12	11,7	11,6	11,3	11	10,7	10,6	10,3	10	9,9	9,6
Life table: Coale-Demeny West																																					
Vital Rates																																					
CBR per 1000	20,4	19,9	19,4	18,9	18,3	17,6	17	16,4	15,8	15,2	14,7	14,3	13,8	13,5	13,2	13	12,9	12,9	13	13,1	13,2	13,4	13,7	13,9	14,1	14,3	14,5	14,5	14,5	14,5	14,6	14,4	14,3	14,1	13,9	13,7	13,5
CDR per 1000	6,3	6,2	6,2	6,2	6,2	6,2	6,2	6,2	6,3	6,3	6,4	6,5	6,6	6,7	6,9	7,1	7,4	7,6	7,8	8,1	8,4	8,6	8,9	9,2	9,4	9,6	9,9	10,1	10,3	10,4	10,5	10,6	10,7	10,7	10,8	10,8	10,9
RNI percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,52	0,5	0,48	0,47	0,47	0,48	0,47	0,47	0,46	0,44	0,43	0,41	0,4	0,38	0,36	0,34	0,32	0,29	0,27
GR percent	1,41	1,37	1,32	1,26	1,21	1,14	1,08	1,02	0,96	0,89	0,83	0,78	0,72	0,67	0,63	0,59	0,55	0,53	0,52	0,5	0,48	0,47	0,47	0,48	0,47	0,47	0,46	0,44	0,43	0,41	0,4	0,38	0,36	0,34	0,32	0,29	0,27
Doubling time	49,6	50,8	52,8	55,1	57,7	61,1	64,4	68,3	72,8	78,4	83,9	89,7	96,6	103,3	111	118,7	126,4	130,1	134	138	144,6	146,4	146,5	145,9	147,5	147,8	151,2	157,7	163,2	167,4	171,5	181,9	195	207	219,8	241,1	260,2
Annual births and deaths																																					
Births	193 143	191 422	189 288	186 351	182 809	178 055	173 881	169 507	165 043	159 918	155 765	152 179	148 487	145 882	143 780	142 270	141 751	143 315	145 060	146 963	148 270	151 231	155 115	158 911	161 745	164 977	167 310	168 078	169 435	170 535	171 353	170 274	169 007	167 692	166 368	164 299	162 570
Males	98 927	98 045	96 952	95 448	93 634	91 199	89 061	86 821	84 534	81 909	79 782	77 945	76 054	74 720	73 643	72 870	72 604	73 405	74 299	75 274	75 943	77 460	79 449	81 393	82 845	84 500	85 695	86 089	86 784	87 347	87 766	87 214	86 565	85 891	85 213	84 153	83 268
Females	94 216	93 377	92 336	90 903	89 175	86 856	84 820	82 686	80 509	78 009	75 983	74 234	72 433	71 162	70 137	69 400	69 147	69 910	70 761	71 689	72 327	73 771	75 666	77 518	78 900	80 477	81 615	81 989	82 651	83 188	83 587	83 060	82 442	81 801	81 155	80 146	79 302
Deaths	59 826	59 407	60 670	61 599	62 186	62 772	63 482	64 255	65 365	66 639	67 895	69 358	71 041	72 996	75 510	78 053	81 127	84 136	87 302	90 581	94 237	97 606	101 277	104 558	107 749	110 832	114 141	116 892	119 756	121 910	123 705	125 171	126 780	127 795	128 673	129 849	130 564
Population																																					
Total	9 477 119	9 609 134	9 737 752	9 862 504	9 983 126	10 098 409	10 208 808	10 314 060	10 413 738	10 507 017	10 594 886	10 677 708	10 755 154	10 828 039	10 896 309	10 960 527	11 021 151	11 080 329	11 138 088	11 194 469	11 248 502	11 302 127	11 355 966	11 410 318	11 464 314	11 518 459	11 571 628	11 622 814	11 672 492	11 721 117	11 768 766	11 813 869	11 856 096	11 895 993	11 933 688	11 968 138	12 000 145
Male	4 713 548	4 780 128	4 845 131	4 908 072	4 968 884	5 026 920	5 082 394	5 135 152	5 185 077	5 231 512	5 275 082	5 315 973	5 354 024	5 389 666	5 423 026	5 454 282	5 483 562	5 512 128	5 540 019	5 567 284	5 593 613	5 619 855	5 646 188	5 672 943	5 699 689	5 726 695	5 753 575	5 779 628	5 804 909	5 829 817	5 854 364	5 877 724	5 899 895	5 920 919	5 940 828	5 958 869	5 975 622
Female	4 763 571	4 829 006	4 892 621	4 954 432	5 014 242	5 071 489	5 126 414	5 178 908	5 228 661	5 275 504	5 319 804	5 361 735	5 401 130	5 438 374	5 473 284	5 506 245	5 537 588	5 568 201	5 598 069	5 627 185	5 654 890	5 682 272	5 709 778	5 737 375	5 764 626	5 791 765	5 818 053	5 843 186	5 867 583	5 891 301	5 914 401	5 936 145	5 956 201	5 975 074	5 992 859	6 009 270	6 024 523
Percent 0-4	8,79	8,89	8,98	9,03	9,06	9,04	8,78	8,5	8,22	7,93	7,66	7,4	7,16	6,94	6,75	6,59	6,46	6,38	6,34	6,34	6,37	6,42	6,49	6,58	6,68	6,8	6,9	6,98	7,05	7,09	7,12	7,12	7,1	7,06	7,01	6,93	6,85
Percent 5-14	13,57	13,69	13,85	14,06	14,29	14,54	15,01	15,46	15,86	16,19	16,43	16,35	16,23	16,09	15,9	15,69	15,26	14,82	14,39	13,98	13,6	13,26	12,98	12,75	12,58	12,46	12,4	12,4	12,46	12,57	12,71	12,88	13,04	13,2	13,36	13,51	13,64
Percent 15-24	17,76	16,95	16,14	15,34	14,6	13,93	13,36	12,88	12,51	12,24	12,09	12,27	12,5	12,76	13,04	13,35	13,86	14,35	14,78	15,15	15,43	15,39	15,33	15,22	15,07	14,89	14,49	14,09	13,69	13,32	12,97	12,66	12,4	12,2	12,05	11,96	11,93
Percent 15-49	56,39	55,57	54,76	53,98	53,24	52,54	51,89	51,3	50,78	50,34	49,99	49,95	49,93	49,9	49,86	49,79	49,88	49,9	49,85	49,72	49,51	49,21	48,84	48,39	47,89	47,36	46,8	46,23	45,68	45,16	44,7	44,31	44,01	43,8	43,66	43,59	43,58
Percent 15-64	71,8	71,56	71,24	70,86	70,42	69,94	69,44	68,92	68,4	67,9	67,44	67,23	67,01	66,79	66,58	66,42	66,49	66,57	66,64	66,71	66,76	66,79	66,8	66,77	66,7	66,59	66,45	66,29	66,09	65,85	65,57	65,24	64,91	64,56	64,19	63,81	63,42
Percent 65 and over	5,84	5,86	5,93	6,05	6,23	6,48	6,77	7,12	7,52	7,97	8,47	9,02	9,6	10,19	10,76	11,3	11,79	12,23	12,62	12,97	13,27	13,52	13,73	13,9	14,04	14,15	14,25	14,32	14,4	14,49	14,61	14,76	14,95	15,18	15,44	15,75	16,09
Percent females 15-49	56,45	55,51	54,58	53,68	52,81	52	51,23	50,54	49,91	49,37	48,92	48,75	48,61	48,47	48,32	48,14	48,19	48,18	48,1	47,93	47,69	47,36	46,94	46,46	45,93	45,38	44,81	44,25	43,71	43,21	42,77	42,42	42,17	42,01	41,93	41,9	41,95
Sex ratio	98,95	98,99	99,03	99,06	99,1	99,12	99,14	99,16	99,17	99,17	99,16	99,15	99,13	99,1	99,08	99,06	99,02	98,99	98,96	98,94	98,92	98,9	98,89	98,88	98,87	98,88	98,89	98,91	98,93	98,96	98,98	99,02	99,05	99,09	99,13	99,16	99,19
Dependency ratio	0,39	0,4	0,4	0,41	0,42	0,43	0,44	0,45	0,46	0,47	0,48	0,49	0,49	0,5	0,5	0,51	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,51	0,51	0,52	0,53	0,53	0,54	0,55	0,56	0,57	0,58
Median age	30	30	31	31	31	32	32	33	33	33	34	34	35	35	36	36	36	37	37	37	37	38	38	38	38	38	38	38	38	37	37	37	37	37	37	37	38