



Understanding the Impacts of Demographic Changes on the Education Budget in Turkey: A Macro Perspective

Executive Summary:

According to the Ministry of National Education's data, the population of Turkey increased by 1,61% in 2000 with the female population having increased slightly more than male population. Following this particular year, however, the population increase has been calculated around 1,01% which is assumed to continue until the year of 2010. The population rate of the age group between 6 and 21, on the other hand, was only one tenth of a percent in 2000. For the following years, 6-21 age group population increasing rate is assumed to be very close, but still less than overall population increasing rate. The fact that 6-21 age group population increasing has been rather under that of overall population is a sign of aging factor which mainly the developed nations have been and will be experiencing. This, along with the evidence that the percentage of age groups of 5-9, 10-14, 15-19, and 20-24 in total population will decrease by the year of 2025 according to US Census Bureau, will make it somewhat easier for policy-makers in Turkey to adjust to demographic changes in terms of physical investment needs.

While the consolidated (national) budget of Turkey has had very modest increases for the years of 2004 and 2005 because of the government's battle against the inflation, both the budgets of Ministry of National Education, and Council of Higher Education and universities managed to keep and even boost their previous levels. For instance, the budget of Ministry of National Education increased by 21,48% in 2004 and 20,35% in 2005 whereas the budget of Council of Higher Education and universities increased around 16,36% and 34,01% respectively. It should be remembered that consumer price index increased by 9,32% and 7,72, and wholesale (producer) price index increased by 13,84% and 2,66% for these years.

As for the educational spending per student, these figures increased above the inflation, too, with 21,43% and 15,12% in 2004 and 2005 in pre-primary, primary and secondary education, and 13,64% and 19,02% respectively for tertiary education. Nevertheless, these percentage increases were a little lower than the budgets of Ministry of National Education, and Council of Higher Education and universities since the number of students also increased while the budget figures rose. In other words, with the budget appropriations increasing, the number of people benefiting from the same pie also expanded.

After 2000, the only year when the education budget along with the educational spending per student fell below the inflation rate was 2001, when the worst economic crisis after World War Two hit Turkey severely. The economy shrank around 9.5% of GDP and more than one million people lost their jobs. The increases in educational spending per student in tertiary education relative to consumer prices in 2003 and relative to wholesale (producer) prices in 2004 were also negative in real terms; nonetheless, these figures were so close to zero that they can be neglected.

While the total education budget relative to national wealth rose from 3,07% in the crisis year of 2001 to 4,18% in 2005, these numbers, yet, are still far from the developed nations' educational spendings. Today, competitive countries do their best to stretch their spending limits in education and they try to allocate 6% to 7% of their gross national product (or gross domestic product) for education. Therefore, there is an inevitable need for Turkish policy-makers to expand educational spending both at primary-secondary and tertiary level.

Major metropolitan cities in Turkey from different geographical areas, such as İstanbul, Ankara, and İzmir, expect higher population increases than the average rates of the country until 2010. These cities, the favorites of the migrants coming from other parts of the country already consume the biggest part of the educational spendings and will be anticipated to attract more educational resources. In concrete terms, these three major cities formed 24,56% of 6-21 age group and 25,58% of overall population in 2000. Nonetheless, in 2010, these numbers will be expected to jump to 27,07% and 27,98% respectively.



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Additional Information and Assumptions:

- 1. In order to make use of census data, schooling age is assumed to be between 6-21.
- **2.** Educational spending per student is assumed to be equal across the country; that is, no regional, urban or rural differences apply.
- **3.** "TL/\$ exchange rate" is the Turkish Central Bank's exchange rate as of last business day of the year.
- **4.** Total number of students in primary and secondary education in 1999 was 15.074.411 and in tertiary education was 1.382.149.
- **5.** The currency of Turkey is Turkish Lira (TL). As of January 1, 2005, six zeros were omitted from TL.
- **6.** The Budget of Ministry of National Education in 1999 was 2.131.808.500 (million TL), and Council of Higher Education and universities was 676.900.000 (million TL).
- **7.** The Budgets of the Ministry, Council of Higher Education and universities for the year of 2005 have not been realized yet; and therefore, can end up slightly different.
- **8.** The whole budgets of the Ministry, Council of Higher Education and universities are assumed to be spent equally to students in formal and non-formal education.
- **9.** Consolidated (national) budget in 1999 was 27.143.467.196 (million TL). Budget figure for 2005 has not been realized yet; and therefore, can end up slightly different.
- **10.** Total education budget in 1999 was 2.807.208.300 (million TL).
- 11. GNP in 1999 was 78.282.966.800 (million TL).
- 12. GNP figure for 2005 is estimated and can end up slightly different.
- 13. GNP per capita for 1999 is \$2.827.
- 14. 6-21 age group population figures for 1999 are:

Turkey: Males 11.458.000; females 10.940.000; total 22.398.000.

Adana: Males 341.814; females 338.178; total 679.992. Ankara: Males 671.761; females 612.804; total 1.284.565.

Gaziantep: Males 255.328; females 247.851; total 503.179. İstanbul: Males 1.621.527; females 1.512.218; total 3.133.745.

İzmir : Males 526.837; females 487.045; total 1.013.882. Malatya : Males 165.483; females 154.933; total 320.416.

Samsun: Males 207.754; females 219.307; total 427.061.

15. Total population figures for 1999 are:

Turkey: Males 33.522.000; females 32.831.000; total 66.353.000.

Adana: Males 902.268; females 909.010; total 1.811.278.

Ankara: Males 1.979.333; females 1.927.156; total 3.906.489.

Gaziantep: Males 627.808; females 620.710; total 1.248.518.
İstanbul: Males 4.905.194; females 4.722.547; total 9.627.741.
İzmir: Males 1.657.373; females 1.624.045; total 3.281.418.

Malatya: Males 424.196; females 410.181; total 834.377. Samsun: Males 584.832; females 622.153; total 1.206.985.



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Number of students	2000	2001	2002	2003	2004	2005
Pre-primary education	251.469	228.503	256.392	320.038	358.499	434.771
Primary education	9.884.444	10.289.233	10.310.844	10.331.619	10.479.538	10.565.389
Secondary education	2.019.501	2.128.957	2.312.271	3.034.959	3.014.392	3.039.449
Formal education (pre-primary, primary and secondary)	12.155.414	12.646.693	12.879.507	13.686.616	13.852.429	14.039.609
Non-formal education (pre-primary, primary and secondary)	2.978.799	3.173.841	3.211.278	3.038.982	2.879.391	3.451.515
Total (pre-primary, primary and secondary)	15.134.213	15.820.534	16.090.785	16.725.598	16.731.820	17.491.124
Tertiary education (formal and non-formal)	1.419.927	1.508.205	1.568.384	1.798.623	1.841.546	2.073.428
Total (pre-primary, primary, secondary and tertiary)	16.554.140	17.328.739	17.659.169	18.524.221	18.573.366	19.564.552
(%) Change in the number of students	2000	2001	2002	2003	2004	2005
Change in pre-primary, primary and secondary education from previous year	,40	4,53	1,71	3,95	,04	4,54
Change in tertiary education from previous year	2,73	6,22	3,99	14,68	2,39	12,59
Change in total from previous year	,59	4,68	1,91	4,90	,27	5,34
Budgets	2000	2001	2002	2003	2004	2005
Consolidated (national) budget (million TL)	46.713.341.000	48.359.962.500	98.071.000.000	147.230.170.000	150.508.000.000	155.472.000.000
Change in consolidated (national) budget (%)	72,10	3,52	102,79	50,13	2,23	3,30
Budget of Ministry of National Education (million TL)	3.350.330.000	4.046.305.625	7.460.991.000	10.179.997.000	12.366.236.188	14.882.259.500
Change in Ministry of National Education's budget from previous year (%)	57,16	20,77	84,39	36,44	21,48	20,35
Budget of Ministry of National Education / Consolidated (national) budget	7,17	8,37	7,61	6,91	8,22	9,57

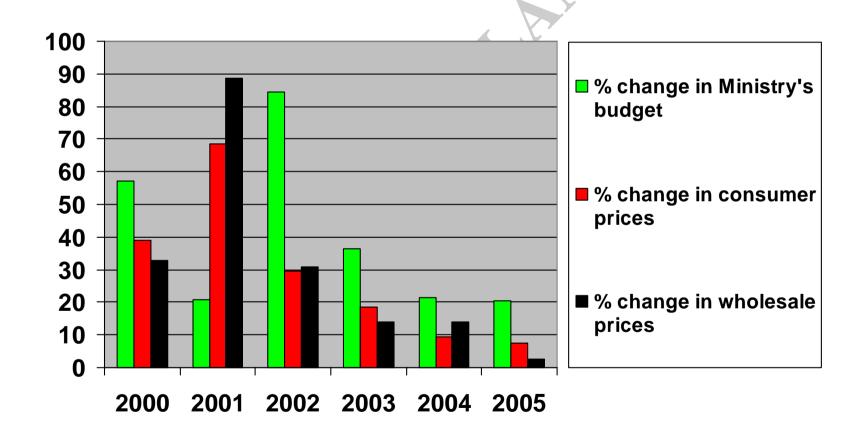
Change in Council of Higher Education and universities' budget from previous year (%) 55.80 29.42 82.87 34.08 16.36 34.01 Budget of Council of Higher Education and universities / Consolidated (national) budget 2.26 2.82 2.55 2.27 2.59 3.36 Total education budget (million TL) 4.404,940.000 5.411.207.625 9.956,959.000 13.526,666.000 16.260.307.188 20.100.724.500 Change in total education budget from previous year (%) 56.92 22.84 84.01 35.85 20.21 23.82 Total education budget / Consolidated (national) budget 9.93 11.19 10.15 9.19 10.00 12.33 Gross National Product (GNP) (some figures are approximate) 200 201 202 203 204 205 GNP (million TL) 125.596128.800 176.483,953.000 275.032.366.000 356.980.888.200 428.932.343.000 480.963.000.000 Change in GNP (%) (in national currency, TL, terms) 60.44 40.52 55.84 29.80 20.16 12.231 GNP (million S) (2005 figure not realized yet) 201.46 1
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"Budget of Council of Higher Education and universities / (TL) GNP" (%) 0,84 0,77 0,91 0,94 0,91 1,09
"Total budget of education / (TL) GNP" (%) 3,51 3,07 3,62 3,79 3,79 4,18
Educational spending per student 2000 2001 2002 2003 2004 2005
Educational spending per student in pre-primary, primary and secondary education (TL) 221.374.577 255.762.898 463.680.983 608.647.715 739.084.940 850.846.378
Change in educational spending per student in pre-primary, primary and secondary education (%) 56,54 15,53 81,29 31,26 21,43 15,12
Educational spending per student in tertiary education 742.721.281 904.984.402 1.591.426.589 1.860.683.979 2.114.566.239 2.516.829.617
Change in educational spending per student in tertiary education (%) 51,65 21,85 75,85 16,92 13,64 19,02
Price indices 2000 2001 2002 2003 2004 2005
Change in consumer price index (CPI) (%) 39,00 68,50 29,70 18,40 9,32 7,72
Change in wholesale (producer) price index (CPI) (%) 32,70 88,60 30,80 13,90 13,84 2,66

Performance criteria (all adjusted for consumer prices)	2000	2001	2002	2003	2004	2005
Real increase in the budget of Ministry of National Education (%)	13,06	-28,32	42,17	15,24	11,12	11,72
Real increase in the budget of Council of Higher Education and universities (%)	12,09	-23,19	40,99	13,25	6,44	24,41
Real increase in total education budget (%)	12,89	-27,10	41,87	14,74	9,96	14,76
Real increase in educational spending per student in pre-primary, primary and secondary education (%)	12,62	-31,43	39,78	10,87	11,08	6,87
Real increase in educational spending per student in tertiary education (%)	9,10	-27,69	35,58	-1,25	3,96	10,49

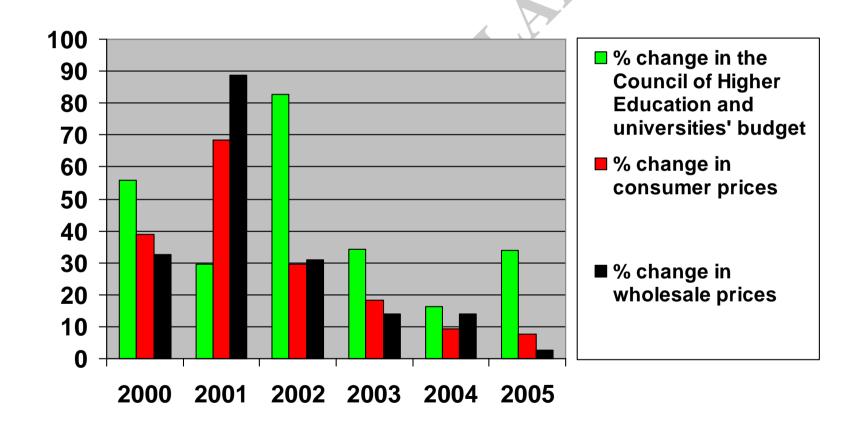
Economic crisis of 2001, the worst after World War Two, which hit Turkey severely. The economy shrank around 9.5% of GDP and more than one millior people lost their jobs.

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Performance criteria (all adjusted for whosale prices)	2000	2001	2002	2003	2004	2005
Real increase in the budget of Ministry of National Education (%)	18,43	-35,96	40,97	19,79	6,71	17,23
Real increase in the budget of Council of Higher Education and universities (%)	17,41	-31,38	39,81	17,72	2,21	30,54
Real increase in total education budget (%)	18,25	-34,87	40,68	19,27	5,59	20,42
Real increase in educational spending per student in pre-primary, primary and secondary education (%)	17,97	-38,74	38,60	15,25	6,67	12,14
Real increase in educational spending per student in tertiary education (%)	14,28	-35,39	34,44	2,65	-0,17	15,94

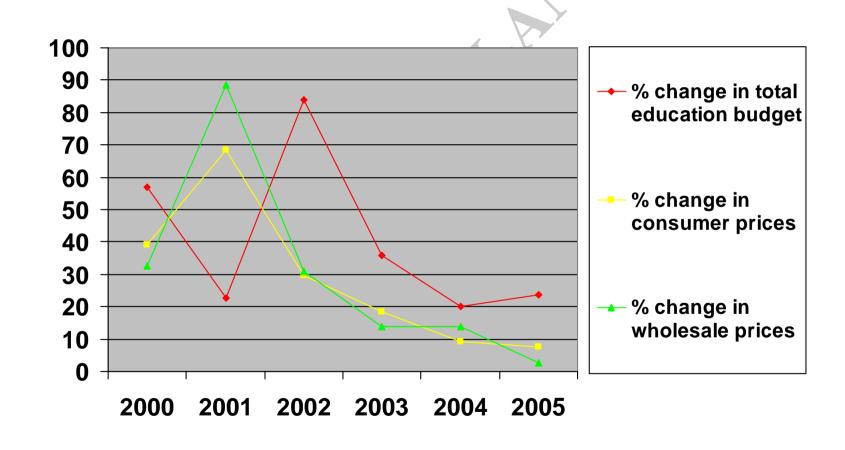
Budget of Ministry of National Education vs. Inflation



Budget of Council of Higher Education and Universities vs. Inflation

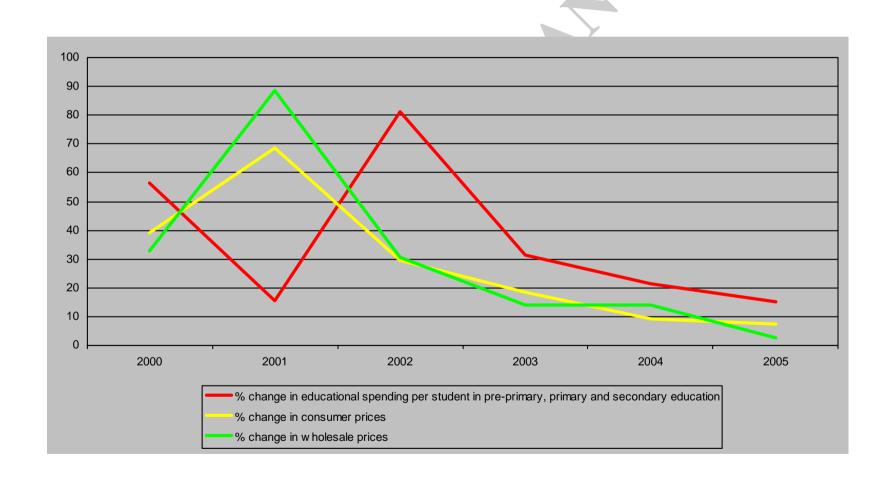






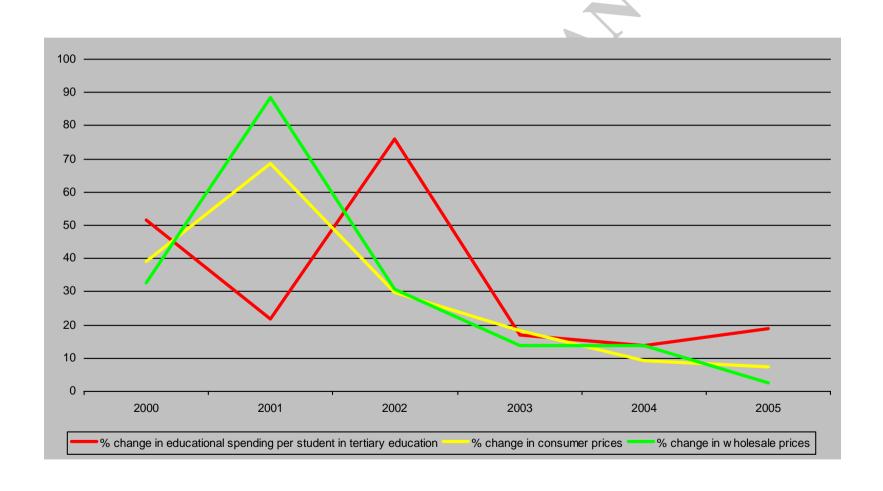


Educational Spending per Student in Pre-primary, Primary and Secondary Education vs. Inflation



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Educational Spending per Student in Tertiary Education vs. Inflation





Source: Ministry of National Education

		2000			2001			2002
TURKEY	Total	Male	Female	Total	Male	Female	Total	Male
6-21 Age Group	22.419.000	11.460.000	10.959.000	22.449.000	11.469.000	10.980.000	22.495.000	11.487.000
Total Population	67.420.000	34.053.000	33.367.000	68.366.000	34.520.000	33.846.000	69.305.000	34.982.000
Proportion of 6-21 Age Group to Total Population	33,25	33,65	32,84	32,84	33,22	32,44	32,46	32,84
% Increase in 6-21 Age Group Population	,10	,02	,20	1,00	1,00	1,00	1,00	1,00
% Increase in Total Population	1,61	1,58	1,63	1,01	1,01	1,01	1,01	1,01

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		2000	16		2001			2002
	Total	Male	Female	Total	Male	Female	Total	Male
6-21 Age Group	682.259	342.926	339.333	683.050	343.299	339.751	683.574	343.541
Total Population	1.839.353	915.272	924.081	1.863.961	926.505	937.456	1.888.307	937.565
Proportion of 6-21 Age Group to Total Population	37,09	37,47	36,72	36,65	37,05	36,24	36,20	36,64
% Increase in 6-21 Age Group Population	,33	,33	,34	1,00	1,00	1,00	1,00	1,00
% Increase in Total Population	1,55	1,44	1,66	1,01	1,01	1,01	1,01	1,01

		2003			2004			2005			2006		
Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
11.008.000	22.568.000	11.518.000	11.050.000	22.657.000	11.558.000	11.099.000	22.751.000	11.602.000	11.149.000	22.847.000	11.647.000	11.200.000	22.848.000
34.323.000	70.230.000	35.438.000	34.792.000	71.149.000	35.894.000	35.255.000	72.066.000	36.352.000	35.714.000	72.969.000	36.794.000	36.175.000	73.872.000
32,07	32,13	32,50	31,76	31,84	32,20	31,48	31,57	31,92	31,22	31,31	31,65	30,96	30,93
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
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

		2003		4	2004			2005			2006		
Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
340.033	683.841	343.658	340.183	683.856	343.651	340.205	683.629	343.527	340.102	683.203	343.306	339.897	682.548
950.742	1.912.391	948.450	963.941	1.936.214	959.162	977.052	1.959.776	969.701	990.075	1.983.188	980.121	1.003.067	2.006.339
35,77	35,76	36,23	35,29	35,32	35,83	34,82	34,88	35,43	34,35	34,45	35,03	33,89	34,02
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
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

2007			2008			2009			2010	
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
11.642.000	11.206.000	22.897.000	11.666.000	11.231.000	22.937.000	11.682.000	11.255.000	22.966.000	11.695.000	11.271.000
37.240.000	36.632.000	74.767.000	37.682.000	37.085.000	75.648.000	38.111.000	37.537.000	76.500.000	38.530.000	37.970.000
31,26	30,59	30,62	30,96	30,28	30,32	30,65	29,98	30,02	30,35	29,68
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01
						5				
2007			2008		1 500	2009			2010	
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female

2007			2008		4 67	2009			2010	
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
342.974	339.574	681.654	342.526	339.128	680.492	341.947	338.545	679.062	341.237	337.825
990.367	1.015.972	2.029.178	1.000.415	1.028.763	2.051.595	1.010.210	1.041.385	2.073.566	1.019.741	1.053.825
34,63	33,42	33,59	34,24	32,96	33,17	33,85	32,51	32,75	33,46	32,06
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01

ANKARA								
		2000			2001			2002
	Total	Male	Female	Total	Male	Female	Total	Male
6-21 Age Group	1.289.897	674.007	615.890	1.294.590	675.878	618.712	1.299.051	677.616
Total Population	3.981.456	2.014.597	1.966.859	4.049.344	2.046.184	2.003.160	4.117.064	2.077.576
Proportion of 6-21 Age Group to Total Population	32,40	33,46	31,31	31,97	33,03	30,89	31,55	32,62
% Increase in 6-21 Age Group Population	,42	,33	,50	1,00	1,00	1,00	1,00	1,00
% Increase in Total Population	1,92	1,78	2,06	1,02	1,02	1,02	1,02	1,02
GAZÍANTEP								
		2000			2001		V '	2002
	Total	2000 Male	Female	Total	2001 Male	Female	Total	2002 Male
6-21 Age Group	Total 507.975		Female 250.466	Total 512.649		Female 253.012	Total 517.290	
6-21 Age Group Total Population		Male			Male		/	Male
•	507.975	Male 257.509	250.466	512.649	Male 259.637	253.012	517.290	Male 261.744
Total Population	507.975 1.275.766	Male 257.509 641.182	250.466 634.584	512.649 1.300.846	Male 259.637 653.479	253.012 647.367	517.290 1.325.960	Male 261.744 665.788
Total Population Proportion of 6-21 Age Group to Total Population	507.975 1.275.766 39,82	Male 257.509 641.182 40,16	250.466 634.584 39,47	512.649 1.300.846 39,41	Male 259.637 653.479 39,73	253.012 647.367 39,08	517.290 1.325.960 39,01	Male 261.744 665.788 39,31
Total Population Proportion of 6-21 Age Group to Total Population % Increase in 6-21 Age Group Population	507.975 1.275.766 39,82 ,95	Male 257.509 641.182 40,16 ,85	250.466 634.584 39,47 1,06	512.649 1.300.846 39,41 1,01	Male 259.637 653.479 39,73 1,01	253.012 647.367 39,08 1,01	517.290 1.325.960 39,01 1,01	Male 261.744 665.788 39,31 1,01

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		2000	10		2001			2002
	Total	Male	Female	Total	Male	Female	Total	Male
6-21 Age Group	3.194.133	1.648.362	1.545.771	3.254.456	1.674.959	1.579.497	3.315.351	1.701.657
Total Population	9.919.682	5.041.947	4.877.735	10.197.171	5.170.700	5.026.471	10.477.194	5.300.048
Proportion of 6-21 Age Group to Total Population	32,20	32,69	31,69	31,92	32,39	31,42	31,64	32,11
% Increase in 6-21 Age Group Population	1,93	1,65	2,22	1,02	1,02	1,02	1,02	1,02
% Increase in Total Population	3,03	2,79	3,29	1,03	1,03	1,03	1,03	1,03

		2003			2004			2005			2006		
Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
621.435	1.303.171	679.165	624.006	1.306.958	680.531	626.427	1.310.417	681.717	628.700	1.313.600	682.751	630.849	1.316.468
2.039.488	4.184.610	2.108.770	2.075.840	4.251.979	2.139.764	2.112.215	4.319.167	2.170.557	2.148.610	4.386.410	2.201.267	2.185.143	4.453.465
30,47	31,14	32,21	30,06	30,74	31,80	29,66	30,34	31,41	29,26	29,95	31,02	28,87	29,56
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
1,02	1,02	1,02	1,02	1,02	1,01	1,02	1,02	1,01	1,02	1,02	1,01	1,02	1,02
								4	Y - '				
2003					2004			2005			2006		
Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
													539.329
255.546	521.851	263.806	258.045	526.330	265.822	260.508	530.730	267.793	262.937	535.069	269.728	265.341	339.329
255.546 660.172	521.851 1.351.110	263.806 678.109	258.045 673.001	526.330 1.376.291	265.822 690.439	260.508 685.852	530.730 1.401.500	267.793 702.778	262.937 698.722	535.069 1.426.815	269.728 715.163	265.341 711.652	1.452.154
660.172	1.351.110	678.109	673.001	1.376.291	690.439	685.852	1.401.500	702.778	698.722	1.426.815	715.163	711.652	1.452.154
660.172 38,71	1.351.110 38,62	678.109 38,90	673.001 38,34	1.376.291 38,24	690.439 38,50	685.852	1.401.500 37,87	702.778 38,10	698.722 37,63	1.426.815 37,50	715.163 37,72	711.652 37,29	1.452.154 37,14
38,71 1,01	1.351.110 38,62 1,01	678.109 38,90 1,01	673.001 38,34 1,01	1.376.291 38,24 1,01	690.439 38,50 1,01	685.852 37,98 1,01	1.401.500 37,87 1,01	702.778 38,10 1,01	698.722 37,63 1,01	1.426.815 37,50 1,01	715.163 37,72 1,01	711.652 37,29 1,01	1.452.154 37,14 1,01
38,71 1,01	1.351.110 38,62 1,01	678.109 38,90 1,01	673.001 38,34 1,01	1.376.291 38,24 1,01	690.439 38,50 1,01	685.852 37,98 1,01	1.401.500 37,87 1,01	702.778 38,10 1,01	698.722 37,63 1,01	1.426.815 37,50 1,01	715.163 37,72 1,01	711.652 37,29 1,01	1.452.154 37,14 1,01
38,71 1,01	1.351.110 38,62 1,01	678.109 38,90 1,01	673.001 38,34 1,01	1.376.291 38,24 1,01	690.439 38,50 1,01	685.852 37,98 1,01	1.401.500 37,87 1,01	702.778 38,10 1,01	698.722 37,63 1,01	1.426.815 37,50 1,01	715.163 37,72 1,01	711.652 37,29 1,01	1.452.154 37,14 1,01

		2003		1	2004			2005			2006		
Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1.613.694	3.376.312	1.728.196	1.648.116	3.437.333	1.754.575	1.682.758	3.498.411	1.780.795	1.717.616	3.559.668	1.806.919	1.752.749	3.620.974
5.177.146	10.759.701	5.429.953	5.329.748	11.044.641	5.560.381	5.484.260	11.331.963	5.691.300	5.640.663	11.622.256	5.822.995	5.799.261	11.914.847
31,17	31,38	31,83	30,92	31,12	31,55	30,68	30,87	31,29	30,45	30,63	31,03	30,22	30,39
1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,01	1,02	1,02	1,01	1,02	1,02
1,03	1,03	1,02	1,03	1,03	1,02	1,03	1,03	1,02	1,03	1,03	1,02	1,03	1,03

2007			2008			2009			2010	
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
683.613	632.855	1.319.002	684.294	634.708	1.321.162	684.774	636.388	1.322.946	685.053	637.893
2.231.772	2.221.693	4.520.206	2.262.010	2.258.196	4.586.386	2.291.859	2.294.527	4.651.937	2.321.286	2.330.651
30,63	28,49	29,18	30,25	28,11	28,81	29,88	27,74	28,44	29,51	27,37
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
1,01	1,02	1,01	1,01	1,02	1,01	1,01	1,02	1,01	1,01	1,02
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2007			2008			2009			2010	
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
271.619	267.710	543.502	273.461	270.041	547.572	275.247	272.325	551.532	276.973	274.559
727.555	724.599	1.477.475	739.932	737.543	1.502.696	752.254	750.442	1.527.792	764.509	763.283
37,33	36,95	36,79	36,96	36,61	36,44	36,59	36,29	36,10	36,23	35,97
1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01
1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02
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2007			2008		4 60	2009			2010	
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1.832.884	1.788.090	3.682.262	1.858.659	1.823.603	3.743.399	1.884.181	1.859.218	3.804.349	1.909.437	1.894.912
5.955.123	5.959.724	12.209.358	6.087.489	6.121.869	12.505.062	6.219.729	6.285.333	12.801.707	6.351.716	6.449.991
30,78	30,00	30,16	30,53	29,79	29,94	30,29	29,58	29,72	30,06	29,38
1,01	1,02	1,02	1,01	1,02	1,02	1,01	1,02	1,02	1,01	1,02

1,02 1,03 **1,02** 1,02 1,03 **1,02** 1,03 **1,02** 1,03 **1,02** 1,03

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		2000			2001			2002
	Total	Male	Female	Total	Male	Female	Total	Male
6-21 Age Group	1.021.734	530.417	491.317	1.029.210	533.771	495.439	1.036.576	537.051
Total Population	3.347.651	1.688.000	1.659.651	3.408.033	1.715.566	1.692.467	3.468.360	1.742.980
Proportion of 6-21 Age Group to Total Population	30,52	31,42	29,60	30,20	31,11	29,27	29,89	30,81
% Increase in 6-21 Age Group Population	,77	,68	,88,	1,01	1,01	1,01	1,01	1,01
% Increase in Total Population	2,02	1,85	2,19	1,02	1,02	1,02	1,02	1,02
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		2000			2001		7	2002
	Total	Male	Female	Total	Male	Female	Total	Male
6-21 Age Group	321.502	166.279	155.223	321.893	166.715	155.178	322.156	167.082
Total Population	848.588	431.800	416.788	861.238	438.619	422.619	873.801	445.402
Proportion of 6-21 Age Group to Total Population	37,89	38,51	37,24	37,38	38,01	36,72	36,87	37,51
% Increase in 6-21 Age Group Population	,34	,48	,19	1,00	1,00	1,00	1,00	1,00
% Increase in Total Population	1,70	1,79	1,61	1,01	1,02	1,01	1,01	1,02

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		2000			2001			2002
	Total	Male	Female	Total	Male	Female	Total	Male
6-21 Age Group	421.278	204.932	216.346	415.517	202.156	213.361	409.787	199.404
Total Population	1.207.999	585.235	622.764	1.206.210	584.318	621.892	1.203.757	583.088
Proportion of 6-21 Age Group to Total Population	34,87	35,02	34,74	34,45	34,60	34,31	34,04	34,20
% Increase in 6-21 Age Group Population	-1,35	1,36	1,35	,99	,99	,99	,99	,99
% Increase in Total Population	,08	,07	,10	1,00	1,00	1,00	1,00	1,00

		2003			2004			2005			2006		
Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
499.525	1.043.759	540.221	503.538	1.050.761	543.282	507.479	1.057.584	546.235	511.349	1.064.269	549.103	515.166	1.070.777
1.725.380	3.528.630	1.770.241	1.758.389	3.588.840	1.797.346	1.791.494	3.648.983	1.824.292	1.824.691	3.709.259	1.851.179	1.858.080	3.769.461
28,95	29,58	30,52	28,64	29,28	30,23	28,33	28,98	29,94	28,02	28,69	29,66	27,73	28,41
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	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,01	1,02	1,02	1,01	1,02	1,02
		2003			2004			2005			2006		
Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
155.074	322.298	167.384	154.914	322.320	167.621	154.699	322.228	167.796	154.432	322.040	167.918	154.122	321.743
428.399	886.280	452.151	434.129	898.672	458.865	439.807	910.977	465.543	445.434	923.247	472.212	451.035	935.431
36,20	36,37	37,02	35,68	35,87	36,53	35,17	35,37	36,04	34,67	34,88	35,56	34,17	34,40
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
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	1,01
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		2003			2004			2005			2006		
Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
210.383	403.987	196.622	207.365	398.126	193.815	204.311	392.204	190.982	201.222	386.243	188.134	198.109	380.232
620.669	1.200.651	581.546	619.105	1.196.895	579.694	617.201	1.192.499	577.536	614.963	1.187.535	575.107	612.428	1.181.943
33,90	33,65	33,81	33,49	33,26	33,43	33,10	32,89	33,07	32,72	32,52	32,71	32,35	32,17
,99	,99	,99	,99	,99	,99	,99	,99	,99	,98	,98	,99	,98	,98
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00

2007			2008			2009		2010		
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
551.865	518.912	1.077.094	554.516	522.578	1.083.182	557.035	526.147	1.089.037	559.422	529.615
1.877.902	1.891.559	3.829.482	1.904.410	1.925.072	3.889.109	1.930.597	1.958.512	3.948.284	1.956.436	1.991.848
29,39	27,43	28,13	29,12	27,15	27,85	28,85	26,86	27,58	28,59	26,59
1,01	1,01	1,01	1,00	1,01	1,01	1,00	1,01	1,01	1,00	1,01
1,01	1,02	1,02	1,01	1,02	1,02	1,01	1,02	1,02	1,01	1,02

2007			2008			2009	,		2010	
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
167.980	153.763	321.333	167.979	153.354	320.795	167.908	152.887	320.132	167.768	152.364
478.845	456.586	947.502	485.429	462.073	959.410	491.938	467.472	971.141	498.365	472.776
35,08	33,68	33,91	34,60	33,19	33,44	34,13	32,71	32,96	33,66	32,23
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01
2007			2008			2009			2010	

20	07			2008			2009			2010					
M	lale	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female				
1	185.265	194.967	374.171	182.375	191.796	368.049	179.459	188.590	361.874	176.520	185.354				
5	572.378	609.565	1.175.696	569.336	606.360	1.168.744	565.957	602.787	1.161.083	562.239	598.844				
	32,37	31,98	31,83	32,03	31,63	31,49	31,71	31,29	31,17	31,40	30,95				
	,98	,98	,98	,98	,98	,98	,98	,98	,98	,98	,98				
	1,00	1,00	,99	,99	,99	,99	,99	,99	,99	,99	,99				