

NUMBER OF SMOKERS IN THE REPUBLIC OF ARMENIA (STATISTICAL ASSESSMENT)

6.1 Description of population of Armenia according to current statistics

According to the current population estimates, the resident population of Armenia as of 1 January 1998 amounted 3,791.2 thousand persons, and as of 1 January 1999 3,798.2 thousand persons. The urban residents account for 66.8% of the population of which 52.3% are women and 47.7% are men. The distribution of the population of Armenia by residential areas and sex (as of 1 January 1998) is presented in the table below.

Table 10. Number of resident population of Armenia as of 1 January 1998

	<i>Total</i>		<i>including by sex</i>			
	<i>persons</i>	<i>%</i>	<i>women</i>		<i>men</i>	
			<i>persons</i>	<i>%</i>	<i>persons</i>	<i>%</i>
<i>Total in RA</i>	<i>3,791,231</i>	<i>100</i>	<i>1,952,526</i>	<i>100</i>	<i>1,838,705</i>	<i>100</i>
<i>Urban</i>	<i>2,535,404</i>	<i>66.9</i>	<i>1,325,302</i>	<i>67.9</i>	<i>1,210,102</i>	<i>65.8</i>
<i>Rural</i>	<i>1,255,827</i>	<i>33.1</i>	<i>627,224</i>	<i>32.1</i>	<i>628,603</i>	<i>34.2</i>
<i>including 16 and above years of age</i>						
<i>Total in RA</i>	<i>2,715,360</i>	<i>100</i>	<i>1,430,677</i>	<i>100</i>	<i>1,284,683</i>	<i>100</i>
<i>Urban</i>	<i>1,856,184</i>	<i>68.4</i>	<i>995,422</i>	<i>69.6</i>	<i>860,762</i>	<i>67.0</i>
<i>Rural</i>	<i>859,176</i>	<i>31.6</i>	<i>435,255</i>	<i>30.4</i>	<i>423,921</i>	<i>33.0</i>

The statistical assessment of the current number of the population of Armenia, especially its sex and age structure is complicated by the considerable outflow of the last years and difficulties with corresponding assessments.

The estimation of population migration is made by the bodies of the Interior based on the number of cases of writing out of registration and does not reflect the actual migration flows. Due to the alleviation of the passport regime of the last years and lack of registration of migrants at border check points, considerable numbers of leaving people are left out of the statistical coverage. For the purpose of assessing the actual migration flows, departure information at the only point connecting Armenia with the outside world - the airport - was collected and analysed. The data collected indicates that during 1992 - 1998, the number of those leaving the country exceeded the arrivals by 600 thousand. Based on the migration survey, ratios of migration by residential areas were calculated according to which 77.4% of migrants (472140 persons) are urban population, and 22.6% are rural (137860 persons). Based on this information and constant male-female ratio, the current population was assessed in terms of areas of residence and sex, and the results indicate that in the total number of the population (3,181.2 thousand), persons of 16 and above years of age amount 2,275.4 thousand (71.5%), as presented in the table below.

Table 11. Assessment of population of Armenia above 16 years of age as of 1 January 1998 (vs. total population)

	<i>Total</i>		<i>including by sex</i>			
	<i>men</i>	<i>%</i>	<i>women</i>		<i>men</i>	
			<i>persons</i>	<i>%</i>	<i>persons</i>	<i>%</i>
<i>Total 16 and above years of age</i>	2275,4	100	1197,6	100	1077,9	100
<i>Urban</i>	1510,5	66.4	810.0	67.6	700.5	65.0
<i>Rural</i>	764,9	33.6	387.5	32.4	377,4	35.0

6.2 Number of Smoking Population

6.2.1. The total number of smokers vs. the total population was calculated on the basis of extrapolation of the sample frame results over the universe (with due regard to the migration factor). The assessments received should be treated with the following reservations:

a) since the survey was conducted in urban areas of the country and no information on the numbers of smoking rural population was obtained, the estimates of smoking rural population with sex and age distribution and type of cigarettes consumed were based on the numbers calculated for the urban population,

b) the estimated number of smokers did not include those below 16 years of age, as well as covert smokers among youth and women.

6.2.2. Thus, statistical assessments related to the current population of Armenia (including migration) indicate that 31.2 % or 711 thousand persons of population above 16 years of age smoke; of these, 97.9% are men and 2.1% are women.

Table 12. Distribution of number of smokers by sex and type of cigarettes (vs. total population)

	<i>Total</i> <i>th.</i> <i>person</i> <i>s</i>	<i>including</i>		<i>Ratio,</i> <i>% of the total</i>		
		<i>men</i>	<i>women</i>	<i>total</i>	<i>men</i>	<i>women</i>
<i>2</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4*</i>	<i>5*</i>	<i>6*</i>
<i>resident population of 16 and above years of age</i>	2275.4	1077.9	1197.6	100	100	100
<i>Number of cigarette smokers **</i>	711.0	695.9	15.1	31.2	64.6	1.3
<i>of which smoke:</i> <i>local production</i> <i>cigarettes</i>	386.2	383.9	2.3	54.3	55.2	15.4
<i>foreign production</i> <i>cigarettes</i>	324.8	312.0	12.8	45.7	44.8	84.6

*) *The distribution of the number of smokers by the type of cigarettes smoked is made vs. the total smoking population*

***) *Cigarette smokers amount 99.05% of the total smokers (see table 7)*

6.3. Average annual consumption of cigarettes

6.3.1. As it was mentioned above, the data on average daily consumption served as a basis for calculation of average annual consumption of cigarettes by the population. The estimates were made both for domestic and foreign production cigarettes, by residential areas and sexes. The data in relation to average annual consumption is presented in table 13. Thus, the smoking population consumes on the average 263.1 million packs of cigarettes annually including 143.5 million packs of local and 119.5 million packs of foreign production cigarettes.

6.3.2. The data obtained in the course of the survey allows the assessment of the average daily consumption of cigarettes in financial terms. For the sample frame, it amounts on the average AMD 137,5 or US\$ 0.28 (according to the Central Bank data, the average annual exchange rate of US\$ in 1997 was AMD 490.73). Thus, *the average gross annual consumption of cigarettes in 1997 amounted AMD 36,176.2 million or US\$ 73.7 million.*

Table 13. Average annual consumption of cigarettes by the population of the Republic of Armenia

	Total consumption packs	local production	including.		foreign production	of which	
			filter	without filter		filter	without filter
Total	263063654	143546360	90373482	53172878	119517294	117592976	1924318
<i>men</i>	<i>259677662</i>	<i>142981444</i>	<i>89985385</i>	<i>52996059</i>	<i>116696219</i>	<i>115062472</i>	<i>1633747</i>
<i>women</i>	<i>3385992</i>	<i>564917</i>	<i>118117</i>	<i>446800</i>	<i>2821075</i>	<i>2530504</i>	<i>290571</i>
Urban population	171041536	93317888	58719745	34598143	77723648	76466826	1256823
<i>men</i>	<i>168753141</i>	<i>92924903</i>	<i>58449764</i>	<i>34475139</i>	<i>75828238</i>	<i>74766643</i>	<i>1061595</i>
<i>women</i>	<i>2288396</i>	<i>392986</i>	<i>269981</i>	<i>123004</i>	<i>1895410</i>	<i>1700183</i>	<i>195227</i>
Rural population	92022118	50228472	31653737	18574735	41793646	41126150	667495
<i>men</i>	<i>90924521</i>	<i>50056541</i>	<i>31535621</i>	<i>18520920</i>	<i>40867980</i>	<i>40295829</i>	<i>572152</i>
<i>women</i>	<i>1097597</i>	<i>171931</i>	<i>118117</i>	<i>53814</i>	<i>925665</i>	<i>830322</i>	<i>95344</i>

