

7. PASSENGER TRANSPORTATION AND TURNOVER

As it was already mentioned, the given survey was also aimed to study indicators provided by organizations on passenger transportation and turnover and compare them with the data received through the observations of each route, in results having basic coefficients for official statistical calculations. According to the mentioned, calculations on passenger transportation and turnover presented below are based on: for organizations – appropriate data from completed questionnaires, and for individual questionnaires – number of motor vehicles actually operated on each separate route during the observation, number of transported passengers, length of circular route and number of routes.

According to the survey results, monthly volume of intraurban passenger transportation for republic comprised 18676.2 ths. persons. By the way, the results of survey on minibuses and buses conducted in June averaged by the indicators for May were considered as a basis for calculation of the mentioned indicator for Yerevan city. Thus, according to the mentioned results, passenger transportation for Yerevan city in May comprised 16374.3 ths. persons (including by minibuses - 14768.2 ths. persons, by buses - 1606.1 ths. persons) and in June - 16065.8 ths. persons (including by minibuses - 14397.7 ths. persons, by buses - 1668.1 ths. persons).

87.2% of intraurban passenger transportations was implemented by minibuses and only 12.8% of passenger transportations belonged to buses. The share of Yerevan city in the structure of minibus passenger transportations comprised 89.5% and for buses - 68.6%. By the indicators calculated for total passenger transportation the share of Yerevan city was 86.8%. By higher share of passenger transportation volume, Shirak marz (5.4%), Lori marz (4.4%) and Kotayk marz (1.3%) followed Yerevan city, and share of the other marzes was fluctuated within limits from 0.1% (Gegharkunik marz) to 0.7% (Syunik marz).

Comparing the indicator on passenger transportation received by observation results with data from questionnaires completed by organizations within the framework of the given survey (by minibuses and buses), it should be mentioned, that in general, the indicator on passenger transportation by observation results has exceeded the same indicator provided by organizations: for minibuses – 1.52 times, for buses – 2.05 times. In case of observation by marzes, the coefficients calculated for minibuses had different values and fluctuated within limits from 1.03 (Gegharkunik marz) to 33.22 (Tavush marz) (except Shirak marz) and coefficients calculated for buses – within limits from 1.19 (Armavir marz) to 61.0 (Tavush marz). By the way, less than 1 coefficient was recorded in Gegharkunik marz only, where the indicator on transported passengers submitted in the observation questionnaire for organizations has exceeded the corresponding indicator received through individual questionnaire by 4.0 thousand that should be additionally studied before using it.

Taking into account the above mentioned significant differences between coefficients, it is more applicable to use coefficients grouped by Yerevan and “Other marzes” that was characterized by the following proportions for separate types of transport: Yerevan: minibuses - 1.41, buses – 1.68; “other marzes” (without indicator on buses of Gegharkunik marz): minibuses - 4.10, buses - 4.07.

The received results are presented below in the Table 1.

Table 1. Volume and corresponding indicators of intraurban passenger transportations

Marz	According to the data from individual questionnaires <i>ths. persons</i>		According to the data from questionnaires for organizations <i>ths. persons</i>		Coefficient	
	minibus	bus	minibus	bus	minibus	bus
Yerevan city	14582.9	1637.1	10317.4	974.0	1.41	1.68
Aragatsotn marz	47.4	10.6	13.0	2.0	3.65	5.30
Armavir marz	66.6	11.2	23.2	9.4	2.87	1.19
Gegharkunik marz	3.5	6.9	3.4	7.4	1.03	0.93
Lori marz	622.7	197.1	262.1	114.1	2.38	1.73
Kotayk marz	167.3	68.9	70.3	22.5	2.38	3.06
Shirak marz ¹	662.5	350.1	-	12.4	-	28.23
Syunik marz	62.2	60.1	42.6	20.7	1.46	2.90
Tavush marz	76.4	42.7	2.3	0.7	33.22	61.00
Total	16291.5	2384.7	10734.3	1163.2	1.52	2.05

¹ Passengers transportation by minibuses was implemented only by individual entrepreneurs.

On the other hand, according to the results of passenger turnover calculation, which was done based on individual questionnaire, monthly volume of passenger turnover of the republic comprised 140047.3 ths. passenger-km, which exceeded the corresponding indicator provided by organizations by 50253.8 ths. passenger-km (including minibuses - 42239.9, buses - 8013.9 ths. passenger-km).

It should be mentioned, that passenger turnover of Yerevan city in May comprised 130765.1 ths. passenger-km (including minibuses - 116458.1 ths. passenger-km, buses - 14307.0 ths. passenger-km) and in June - 128921.4 ths. passenger-km (including minibuses - 113521.2 ths. passenger-km, buses - 15400.2 ths. passenger-km). 87.3% of passenger turnover was implemented by minibuses and 12.7% - by buses. The share of Yerevan city in total structure of passenger turnover comprised 92.7%, including by minibuses – 94.1%, by buses - 83.3%. By higher share, Shirak marz (3.3%) and Lori marz (2.4%) followed Yerevan city in total structure of passenger turnover, and share of the other marzes was fluctuated within limits from 0.0% (small) (Gegharkunik marz) to 0.8% (Kotayk marz). It is noteworthy, that for Gegharkunik marz, the indicator on passenger turnover by buses calculated based on data submitted in questionnaire for organizations has exceeded the corresponding indicator from individual questionnaire by 1.0 ths. passenger-km that also should be additionally studied.

The received results are presented below in the Table 2.

Table 2. Volume and corresponding differences of intraurban passenger turnover

Ths. passenger-km

Marz	According to the data from individual questionnaires		According to the data from questionnaires for organizations		Difference (+/-)	
	minibus	bus	minibus	bus	minibus	bus
Yerevan city	114989.6	14853.6	78409.1	9182.7	36580.5	5670.9
Aragatsotn marz	142.1	31.9	39.0	6.0	103.1	25.9
Armavir marz	153.2	11.8	50.3	9.5	102.9	2.3
Gegharkunik marz	4.7	15.3	4.1	16.3	0.6	-1.0
Lori marz	2778.2	610.7	1103.4	386.5	1674.8	224.2
Kotayk marz	682.1	383.6	260.8	95.5	421.3	288.1
Shirak marz	3117.8	1558.1	-	50.6	3117.8	1507.5
Syunik marz	156.0	194.4	103.5	65.2	52.5	129.2
Tavush marz	193.4	170.8	7.0	4.0	186.4	166.8
Total	122217.1	17830.2	79977.2	9816.3	42239.9	8013.9