CHAPTER 3

RESULTS: SOCIO – ECONOMIC STATUS OF THE POPULATION INVESTIGATED IN THE FOUR VILLAGES

3.1 Kampung Tok Junuh

The total population of the village was determined to be 455 (94 Households) with 229 males and 226 females but only 403 from 84 households (208 males and 195 females) were interviewed. The sex distribution pattern according to age groups of the population surveyed is shown in Table 3.1.1 and Figure 3.1.1.

Table 3.1.1: The Sex Distribution Pattern of the Population of Kampung Tok Junuh According to the Age Groups

Age Groups	Male *	Female *	Total *
< 10	52 (25.1)	34 (17.4)	**86 (21.4)**
10 – 19	51 (24.6)	43 (22.1)	**94 (23.4)**
20 – 29	20 (9.7)	28 (14.4)	**48 (11.9)**
30 – 39	23 (11.1)	15 (7.7)	**38 (9.5)**
40 – 49	16 (7.7)	25 (13.3)	**41 (10.2)**
50 – 59	20 (9.7)	26 (13.3)	**46 (11.4)**
60 - 69	15 (7.2)	11 (5.6)	**26 (6.5)**
> 70	10 (4.8)	13 (6.7)	**23 (5.7)**
Total	**207‡**	**195**	**402‡**

* percentage in parenthesis   ‡ 1 missing male data age not specify

From Table 3.1.1 it can be seen that the male population is slightly higher than the female. It was found that 44.8 per cent (180) of the population are below 20 years of age with 21.4 per cent (86) of the population less than 10 years old, while only 12.2 per cent (49) of the population are above 60 years old.
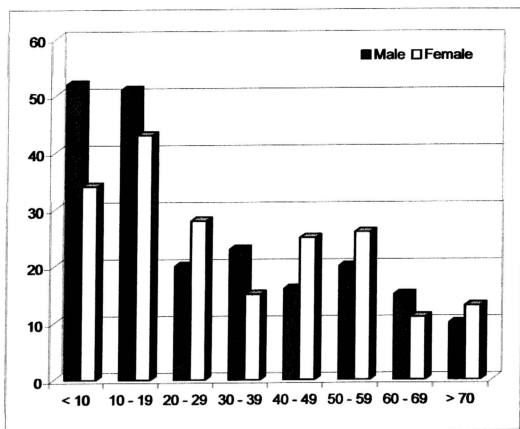
Figure 3.1.1: Sex Distribution Pattern of Kampung Tok Junuh Population according to Age Groups

Table 3.1.2 and Figure 3.1.2 show the sex distribution pattern of the population according to occupation and Table 3.1.3 shows the occupation distribution pattern of the villagers according to age groups. It was found that only 12.4 per cent (50) of the population are paddy field farmers and 70.8 per cent are not working which include, children below 6 years old, students, retired workers and housewives (Table 3.1.2). The majority of the male population are students (36.0 per cent) and paddy field farmers (15.9 per cent) whereas the majority of the female population are housewives (34.1 per cent) and students (27.7 per cent). Table 3.1.3 shows that the majority of the working groups or income generating population are between 20 years old to less than 60 years old.

Table 3.1.2: Sex Distribution Pattern of the Population of Kampung Tok Junuh According to Occupation

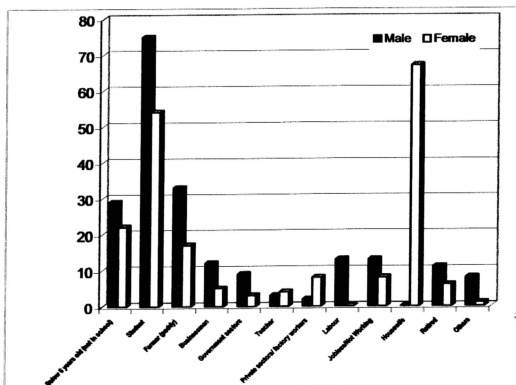| Occupation	Male*	Female*	Total*
Not in school (or ≤ 6 years old)	29 (13.9)	22 (11.3)	51 (12.7)
Student	75 (36.0)	54 (27.7)	129 (32.0)
Farmer (paddy)	33 (15.9)	17 (8.7)	50 (12.4)
Businessman	12 (5.8)	5 (2.6)	17 (4.2)
Government sectors	9(4.3)	3 (1.5)	12 (3.0)
Teacher	3 (1.4)	4 (2.1)	7 (1.7)
Private sectors/ factory workers	2 (1.0)	8 (4.1)	10 (2.5)
Labourer	13 (6.3)	-	13 (3.2)
Jobless/Not Working	13 (6.3)	8 (4.1)	21 (5.2)
Housewife	-	67 (34.4)	67 (16.7)
Retired	11 (5.3)	6 (3.1)	17 (4.2)
Others	8 (3.9)	1 (0.5)	9 (2.2)
Total	**208**	**195**	**403**

* percentage in parenthesis

Figure 3.1.2: Occupation Distribution Pattern of Kampung Tok Junuh according to Sex

Table 3.1.3: Occupation Distribution Pattern of the Population of Kampung Tok Junuh according to Age Groups

Occupation	Age Groups								Total
	<10	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	> 70	
Not in school (or ≤ 6 years old)	51	-	-	-	-	-	-	-	51
Student	35	91	2	1	-	-	-	-	129
Farmer (paddy)	-	-	3	5	11	22	7	2	50
Businessman	-	-	4	3	4	5	1	-	17
Government sectors	-	-	1	5	3	2	1	-	12
Teacher	-	-	4	1	1	-	-	-	6*
Private sectors/ factory workers	-	-	8	-	2	-	-	-	10
Labourer	-	-	3	7	3	-	-	-	13
Jobless/Not Working	-	3	9	3	-	2	3	1	21
Housewife	-	-	12	10	16	14	5	10	67
Retired	-	-	-	-	-	-	7	10	17
Others	-	-	2	3	1	1	2	-	9
Total	86	94	48	38	41	46	26	23	402*

* I Male teacher age is missing

3.2   Kampung Alor Bakat

The total population of the village was found to be 1295 (265 households) with 630 males and 665 females but only 1041 from 176 households (531 males and 510 females) were interviewed. Table 3.2.1 and Figure 3.2.1 show the sex distribution pattern of the population surveyed according to different age groups. Table 3.2.1 shows that the male population was found to be slightly higher than the female population in almost all age groups. It was also found that 54.3 per cent (564) of the population are below 20 years old and 25.5 per cent (265) below 10 years old (Table 3.2.1). From the same table it can also be seen that only 8.4 per cent (87) of the population are above 60 years old.

Table 3.2.1: The Sex Distribution Pattern of the Population of Kampung Alor Bakat According to Age-Groups

Age Groups	Male *	Female *	Total *
< 10	136 (25.6)	129 (25.3)	**265 (25.5)**
10 – 19	165 (31.1)	134 (26.3)	**299 (28.8)**
20 – 29	50 (9.4)	50 (9.8)	**100 (9.6)**
30 – 39	50 (9.4)	58 (11.4)	**108 (10.4)**
40 – 49	44 (8.3)	60 (11.8)	**104 (10.0)**
50 – 59	40 (7.5)	37 (7.3)	**77 (7.4)**
60 - 69	22 (4.1)	16 (4.9)	**38 (3.7)**
> 70	24 (4.5)	25 (4.9)	**49 (4.7)**
Total	**531**	**509†**	**1040†**

* percentage in parenthesis
† The total 509 and 1040 instead of 510 and 1041, respectively due to a missing data for a businesswoman
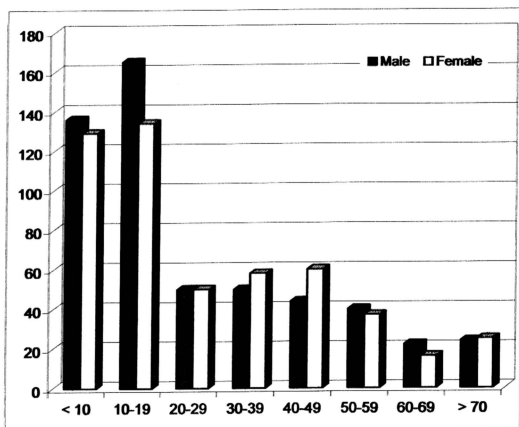

Figure 3.2.1: The Sex Distribution Pattern of the Population of Kampung Alor Bakat According to Age-Groups

Table 3.2.2 and Figure 3.2.2 show the occupation distribution pattern of the villagers according to sex and Table 3.2.3 shows the occupation distribution pattern of the villagers according to age groups. Table 3.2.2 shows that only 18.0 per cent (187) of the population are paddy field farmers and the majority of the population (70.3 per cent) can be categorized as non-working which include those below 6 years old, students, retired workers and housewives. As with Tok Junuh the population distribution of Alor Bakat also shows that the majority of the male population consists of students (41.6 per cent) and paddy field farmers (20.7 per cent), whereas the female population are mainly students (36.9 per cent), housewives (17.6 per cent) and paddy field farmers (15.1 per cent). Table 3.2.3 shows that the majority of the working population are between 20 years old to less than 60 years old.

Table 3.2.2: Occupation Distribution Pattern of the Population of Kampung Alor Bakat According to Sex

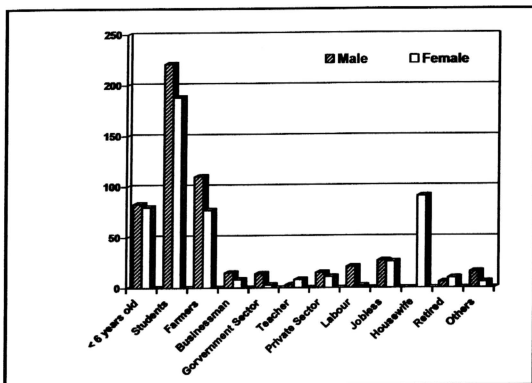| Occupation	Male*	Female*	Total*
Not in school (or ≤ 6 years old)	83 (15.6)	80 (15.7)	163 (15.7)
Student	221 (41.6)	188 (36.9)	409 (39.3)
Farmer (paddy)	110 (20.7)	77 (15.1)	187 (18.0)
Businessman	15 (2.8)	8 (1.6)	23 (2.2)
Government sectors	14 (2.6)	3 (0.6)	17 (1.6)
Teacher	3 (0.6)	8 (1.4)	11 (1.1)
Private sectors/ factory workers	15 (2.8)	11 (2.2)	26 (2.5)
Labourer	21 (4.0)	2 (0.4)	23 (2.2)
Jobless/Not Working	27 (4.9)	26 (5.1)	53 (5.1)
Housewife	-	91 (17.6)	91 (8.8)
Retired	6 (1.1)	10 (2.0)	16 (1.5)
Others	16 (2.8)	6 (1.4)	22 (2.1)
Total	531	510	1041

* percentage in parenthesis

Figure 3.2.2: Occupation Distribution Pattern of the Population of Kampung Alor Bakat According to Sex

Table 3.2.3: Occupation Distribution Pattern of the Population of Kampung Alor Bakat according to Age Groups

Occupation	Age Groups								Total
	< 10	10-19	20-29	30-39	40-49	50-59	60-69	> 70	
Not in school (or ≤ 6 years old)	163	-	-	-	-	-	-	-	163
Student	102	284	23	-	-	-	-	-	409
Farmer (paddy)	-	-	10	28	54	55	26	14	187
Businessman	-	-	2	9	7	2	1	1	22*
Government sectors	-	-	3	11	3	-	-	-	17
Teacher	-	-	4	5	2	-	-	-	11
Private sectors/ factory workers	-	2	8	6	5	5	-	-	26
Labourer	-	1	6	5	8	3	-	-	23
Jobless/Not Working	-	11	19	3	-	1	4	15	53
Housewife	-	-	17	33	22	9	4	6	91
Retired	-	-	-	-	-	-	3	13	16
Others	-	1	8	8	3	2	-	-	22
Total	**265**	**299**	**100**	**108**	**104**	**77**	**38**	**49**	**1040***

* †The total 1040 instead of 1041 due to a missing age data for a businesswoman

3.3   Kampung Serdang Muda

The population of Kampung Serdang Muda consisted of 391 participants (76 households) with 181 male and 210 female The sex distribution pattern of the population according to age groups is shown in Table 3.3.1 and Figure 3.3.1. Table 3.3.2 shows that the female population is higher than the male population. The female population is higher in all age groups except in the group between 10 to less than 20 years old and age 50 to less than 60 years old. More than half of the population 52.9 per cent (207) is below 20 years old with 28.6 per cent (112) less than 10 years old(Table 3.3.1) while only 9.5 per cent (37) of the population is above 60 years old.

Table 3.3.1: The Sex Distribution Pattern of the Population of Kampung Serdang Muda According to Age-Groups

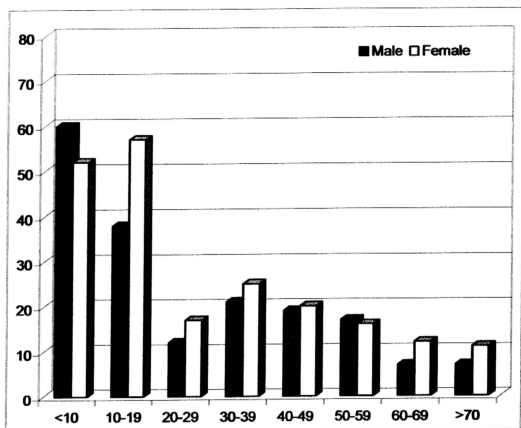| Age Groups	Male *	Female *	Total *
< 10	60 (33.1)	52 (24.8)	112 (28.6)
10 – 19	38 (21.0)	57 (27.1)	95 (24.3)
20 – 29	12 (6.6)	17 (8.1)	29 (7.4)
30 – 39	21 (11.6)	25 (11.9)	46 (11.8)
40 – 49	19 (10.5)	20 (9.5)	39 (8.4)
50 – 59	17 (9.4)	16 (7.6)	33 (8.4)
60 - 69	7 (3.9)	12 (5.7)	19 (4.9)
> 70	7 (3.9)	11 (5.2)	18 (4.6)
Total	**181**	**210**	**391**

* percentage in parenthesis

Figure 3.3.1: The Sex Distribution Pattern of the Population of Kampung Serdang Muda According to Age-Groups

Table 3.3.2 and Figure 3.3.2 show the occupation distribution pattern of the villagers according to sex and Table 3.3.3 show the occupation distribution pattern of the population according to age groups. It was found that only 15.9 per cent (62) of the population are paddy field farmers and like the previous two villages, the majority of the population (72.3 per cent) are non-working (children below 6 years old, students, retired workers and housewives) (Table 3.3.2). The majority of the male population like the others two villages are also mainly students (31.5 per cent) and paddy field farmers (19.3 per cent) while the majority of the female population are students (35.7 per cent) and housewives (23.3 per cent). Table 3.3.3 shows that the major income generation age group is between 20 years old to less than 60 years old.

Table 3.3.2: Occupation Distribution Pattern of the Population of Kampung Serdang Muda According to Sex

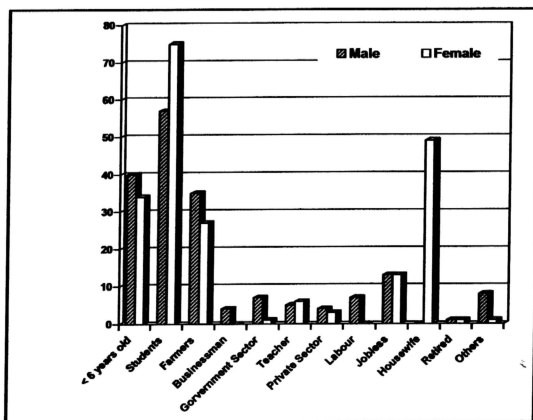| Occupation	Male*	Female*	Total*
Not in school (or ≤ 6 years old)	40 (22.1)	34 (16.2)	**74 (18.9)**
Student	57 (31.5)	75 (35.7)	**132 (33.8)**
Farmer (paddy)	35 (19.3)	27 (12.9)	**62 (15.9)**
Businessman	4 (2.2)	-	**4 (1.0)**
Government sectors	7 (3.9)	1 (0.5)	**8 (2.0)**
Teacher	5 (2.8)	6 (2.9)	**11 (2.8)**
Private sectors/ factory workers	4 (2.2)	3 (1.4)	**7 (1.8)**
Labourer	7 (3.9)	-	**7 (1.8)**
Jobless/Not Working	13 (7.2)	13 (6.2)	**26 (6.6)**
Housewife	-	49 (23.3)	**49 (12.5)**
Retired	1 (0.6)	1 (0.5)	**2 (0.5)**
Others	8 (4.4)	1 (0.5)	**9 (2.3)**
Total	**181**	**210**	**391**

* percentage in parenthesis

Figure 3.3.2: Occupation Distribution Pattern of the Population of Kampung Serdang Muda According to Sex

Table 3.3.3: Occupation Distribution Pattern of the Population of Kampung Serdang Muda according to Age Groups

Occupation	<10	10-19	20-29	30-39	40-49	50-59	60-69	>70	Total
Not in school (or ≤ 6 years old)	74	-	-	-	-	-	-	-	74
Student	38	93	1	-	-	-	-	-	132
Farmer (paddy)	-	-	4	5	11	24	12	6	62
Businessman	-	-	-	1	3	-	-	-	4
Government sectors	-	-	1	3	3	1	-	-	8
Teacher	-	-	1	7	2	1	-	-	11
Private sectors/ factory workers	-	-	2	3	2	-	-	-	7
Labourer	-	-	5	2	-	-	-	-	7
Jobless/Not Working	-	1	5	3	4	4	3	6	26
Housewife	-	1	8	17	12	3	4	4	49
Retired	-	-	-	-	-	-	-	2	2
Others	-	-	2	5	2	-	-	-	9
Total	112	95	29	46	39	33	19	18	391

3.4 Kampung Serdang Surau (Serdang Tua)

The interview was conducted on 48 out of 56 households. The total population of the village is 266 (56 households) with 119 males and 147 females and only 92.48 per cent (48 households) were interviewed which comprised of 246 villagers (106 males and 140 females). The sex distribution pattern according to the different age groups versus age groups is shown in Table 3.4.1 and Figure 3.4.1. It is found that like Kampung Serdang Muda, Kampung Serdang Surau also has a higher female population (Table 3.4.1). It was found that 52.4 per cent (129) of the population are below 20 years old, with 19.9 per cent (49) are 10 years old or below, while 16.6 per cent (39) of the population are above 60 years old.

Table 3.4.1: The Sex Distribution Pattern of the Population of Kampung Serdang Surau According to Age-Groups

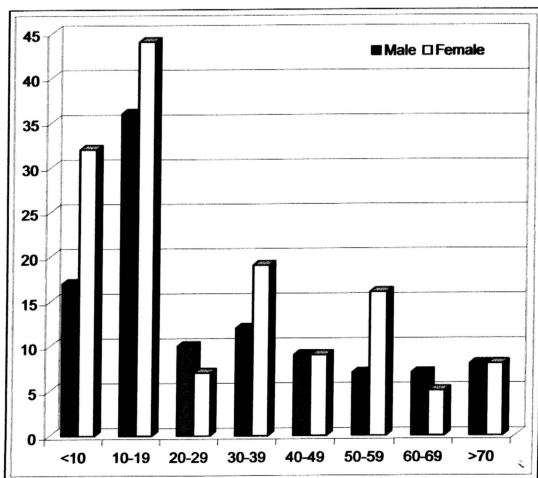| Age Groups	Male *	Female *	Total *
< 10	17 (16.0)	32 (22.9)	**49 (19.9)**
10 – 19	36 (34.0)	44 (31.4)	**80 (32.5)**
20 – 29	10 (9.4)	7 (5.0)	**17 (6.9)**
30 – 39	12 (11.3)	19 (13.6)	**31 (12.6)**
40 – 49	9 (8.5)	9 (6.4)	**18 (7.3)**
50 – 59	7 (6.6)	16 (11.4)	**23 (9.3)**
60 - 69	7 (6.6)	5 (6.3)	**23 (9.3)**
> 70	8 (7.5)	8 (7.5)	**16 (7.3)**
Total	**106**	**140**	**246**

* percentage in parenthesis

Figure 3.4.1: The Sex Distribution Pattern of the Population of Kampung Serdang Surau According to Age-Groups
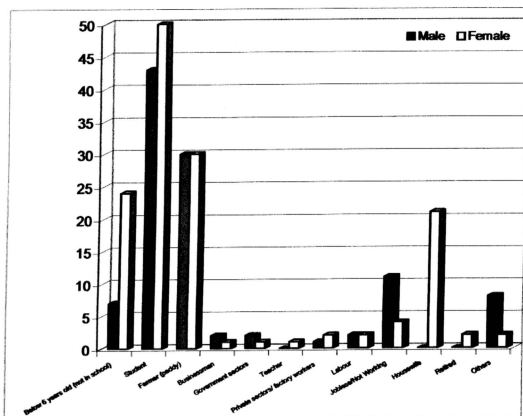
Figure 3.4.2: Occupation Distribution Pattern of the population of Kampung Serdang Surau according to Sex

Table 3.4.3: Occupation Distribution Pattern of the Population of Kampung Serdang Surau according to Age Groups

Occupation	Age Groups								Total
	<10	10-19	20-29	30-39	40-49	50-59	60-69	>70	
Not in school (or ≤ 6 years old)	31	-	-	-	-	-	-	-	31
Student	18	74	1	-	-	-	-	-	93
Farmer (paddy)	-	-	1	14	14	19	8	4	60
Businessman	-	-	1	-	2	-	-	-	3
Government sectors	-	-	1	2	-	-	-	-	3
Teacher	-	-	-	-	-	1	-	-	1
Private sectors/ factory workers	-	2	-	1	-	-	-	-	3
Labourer	-	-	2	2	-	-	-	-	4
Jobless/Not Working	-	4	5	2	-	-	1	3	15
Housewife	-	-	4	6	1	3	3	4	21
Retired	-	-	-	-	-	-	-	2	2
Others	-	-	2	4	1	-	-	3	10
Total	49	80	17	31	18	23	12	16	246

3.5   Socio – Economic Status of the Four Villages

From data presented in Sections 3.1 to 3.4 on the villages, socio-economic environment of the study site can be summarized in Tables 3.5.1 to 3.5.3. Table 3.5.1 shows the overall population of the 4 villages according to sex and age groups. The female population is slightly higher than the male population but they are spread evenly throughout the age group, and there is not much difference in the sex ratio of the population. As previously mentioned, in each of the four villages the majority of the population is under 20 years old, that is 51.9 per cent (1046) while only 9.7 per cent (201) of the population are above 60 years old.

Table 3.5.1: The Sex Distribution Pattern of the Population of Study site According to Age-Groups

Age Groups	Male *	Female *	Total *
< 10	265 (25.9)	247 (23.4)	512 (24.6)
10 – 19	290 (28.3)	278 (26.4)	568 (27.3)
20 – 29	92 (9.0)	102 (9.7)	194 (9.3)
30 – 39	106 (10.3)	117 (11.1)	223 (10.7)
40 – 49	88 (8.6)	114 (40.8)	202 (9.7)
50 – 59	84 (8.2)	95 (9.0)	179 (8.6)
60 - 69	51 (5.0)	44 (4.2)	95 (4.6)
> 70	49 (4.80	57 (5.4)	106 (5.1)
Total	1025‡	1054‡	2079**

* percentage in parenthesis
‡1 missing data for each male and female therefore the total population is 2079** instead of 2081

Table 3.5.2 shows that 70.3 per cent (1462) of the population are non-working and comprises of children below 6 years old, students, the jobless, retired workers and housewives and the remaining 17.3 per cent (359) are paddy field farmers. Table 3.5.3 shows the occupation distribution pattern of the population according to the different age groups.

Table 3.5.2: Occupation Distribution Pattern of the Population of the Study site According to Sex

Occupation	Male*	Female*	Total*
Not in school (or ≤ 6 years old)	*159 (15.5)*	*160 (15.2)*	*319 (15.3)*
Student	*396 (38.6)*	*367 (34.8)*	*763 (36.7)*
Farmer (paddy)	208 (20.3)	151 (14.3)	**359 (17.3)**
Businessman	33 (3.2)	14 (1.3)	**47 (2.3)**
Government sectors	32 (3.1)	8 (0.8)	**40 (1.9)**
Teacher	11 (1.1)	19 (1.7)	**30 (1.5)**
Private sectors/ factory workers	22 (2.1)	24 (2.3)	**46 (2.2)**
Labourer	43 (4.2)	4 (0.4)	**47 (2.3)**
Jobless/Not Working	*64 (6.2)*	*51 (4.8)*	*115 (5.3)*
Housewife	*-*	*228 (21.6)*	*228 (11.0)*
Retired	*18 (1.8)*	*19 (1.8)*	*37 (1.8)*
Others	40 (3.9)	10 (1.0)	**50 (2.4)**
Total	**1026**	**1055**	**2081**

* percentage in parenthesis   *non-working groups on italic*

Table 3.5.3: Occupation of the Population of the Study site According to Age Groups

Occupation	Age Groups								Total
	< 10	10-19	20-29	30-39	40-49	50-59	60-69	>70	
Not in school (or ≤ 6 years old)	319	-	-	-	-	-	-	-	**319**
Student	193	542	27	1	-	-	-	-	**763**
Farmer (paddy)	-	-	18	52	90	120	53	26	**359**
Businessman	-	-	7	13	16	7	2	1	**46***
Government sectors	-	-	6	21	9	3	1	-	**40**
Teacher	-	-	9	13	5	2	-	-	**29****
Private sectors/ factory workers	-	4	18	10	9	5	-	-	**46**
Labourer	-	1	16	16	11	3	-	-	**47**
Jobless/Not Working	-	19	38	11	4	7	11	25	**115**
Housewife	-	1	41	66	51	29	16	24	**228**
Retired	-	-	-	-	-	-	10	27	**37**
Others	-	1	14	20	7	3	2	3	**50**
Total	**512**	**568**	**194**	**223**	**202**	**179**	**95**	**106**	**2079‡**

‡ The Total population is 2079 and not 2081 due to 2 missing data that is a missing age group for a *businesswoman and a missing age group for a male teacher**

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