

Chapter 2

Major Findings

2.1 Number of establishments

Considering some basic information of establishment located in **municipal areas and non-municipal areas in Central region**, it was found that there were in total 365,477 establishments. About 39.0 percent of all establishments engaged in *retail trade*. This was followed by those engaged in *accommodation, food and beverage service activities* of about 14.9 percent. The establishments engaged in *manufacturing* and *other service activities* had a proportion of about 12.6 percent and 10.4 percent respectively. The other economic

activities not mentioned above, each had less than 10.0 percent of the total

Concerning the distribution of establishments by area (Table A), it was found that there were in total 210,937 and 154,540 establishments in municipal and non-municipal areas respectively. The distribution of establishments by type of economic activities was similar in both respective areas. That is, most of establishments engaged in *retail trade*, followed by those engaged in *manufacturing* and *accommodation, food and beverage service activities* respectively.

Table A Number and percentage of establishments by economic activity and area

Economic activity	Total		Municipal areas		Non- municipal areas	
	Number	%	Number	%	Number	%
Total	365,477	100.0	210,937	100.0	154,540	100.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	30,996	8.5	17,802	8.4	13,194	8.5
Wholesale trade	11,373	3.1	6,328	3.0	5,045	3.3
Retail trade	142,663	39.0	79,795	37.8	62,868	40.7
Accommodation, food and beverage service activities	54,293	14.9	33,207	15.7	21,086	13.6
Information and communication	2,082	0.6	1,648	0.8	434	0.3
Real estate activities	15,105	4.1	8,976	4.3	6,129	4.0
Professional, scientific and technical activities	3,193	0.9	2,691	1.3	502	0.3
Administrative and support service activities	6,206	1.7	4,244	2.0	1,962	1.3
Art, entertainment and recreation	5,834	1.6	3,565	1.7	2,269	1.5
Other service activities	37,855	10.4	26,956	12.8	10,899	7.0
Manufacturing	46,247	12.6	21,828	10.4	24,419	15.8
Sewerage, waste management and remediation activities	243	0.1	84	-	159	0.1
Construction	3,763	1.0	1,773	0.8	1,990	1.3
Land transport and storage	5,575	1.5	2,001	1.0	3,574	2.3
Private hospital activities	49	-	39	-	10	-

Note : “-“ means nil or negligible figure.

2.2 Size of establishment

The size of establishment was specified by number of persons engaged in the establishment. It was found that most of them (about 97.1 percent) engaged in establishments with 1-15 persons. Those engaged in establishments with more than 16 persons were about 2.9 percent. Of this number, establishments with 16-25 persons, 51-200 persons, 31-50 persons and more than 200 persons were about 1.0 percent, 0.8 percent,

0.5 percent and 0.4 percent respectively. The establishments with 26-30 persons had the lowest proportion of about 0.2 percent.

Considering by economic activity, more than 80.0 percent in all kind of economic activities engaged in establishments with 1-15 persons. This was except for those engaged in *private hospital activities* with more than 50 persons, which was of about 83.8 percent (Table B).

Table B Number and percentage of establishments by size of establishment (number of persons engaged) and economic activity

Economic activity	Total	Size of establishment (number of persons engaged)					
		1-15 persons	16-25 persons	26-30 persons	31-50 persons	51-200 persons	> 200 persons
Total	365,477 (100.0)	354,899 (97.1)	3,799 (1.0)	846 (0.2)	1,804 (0.5)	2,686 (0.8)	1,443 (0.4)
Wholesale and retail trade; repair of motor vehicles and motorcycles	30,996 (100.0)	30,510 (98.4)	260 (0.9)	50 (0.2)	95 (0.3)	72 (0.2)	9 (-)
Wholesale trade	11,373 (100.0)	10,786 (94.8)	291 (2.6)	66 (0.6)	115 (1.0)	107 (0.9)	8 (0.1)
Retail trade	142,663 (100.0)	141,713 (99.3)	534 (0.4)	77 (0.1)	154 (0.1)	149 (0.1)	36 (-)
Accommodation, food and beverage service activities	54,293 (100.0)	52,714 (97.1)	827 (1.5)	160 (0.3)	253 (0.5)	300 (0.5)	39 (0.1)
Information and communication	2,082 (100.0)	2,039 (98.0)	22 (1.1)	11 (0.5)	5 (0.2)	5 (0.2)	- (-)
Real estate activities	15,105 (100.0)	14,934 (98.9)	84 (0.6)	14 (0.1)	35 (0.2)	30 (0.2)	8 (-)
Professional, scientific and technical activities	3,193 (100.0)	3,150 (98.7)	19 (0.6)	4 (0.1)	8 (0.2)	10 (0.3)	2 (0.1)
Administrative and support service activities	6,206 (100.0)	5,997 (96.6)	58 (1.0)	14 (0.2)	44 (0.7)	61 (1.0)	32 (0.5)
Art, entertainment and recreation	5,834 (100.0)	5,531 (94.8)	188 (3.2)	21 (0.4)	51 (0.9)	37 (0.6)	6 (0.1)
Other service activities	37,855 (100.0)	37,749 (99.7)	70 (0.2)	9 (-)	16 (0.1)	11 (-)	- (-)
Manufacturing	46,247 (100.0)	41,014 (88.7)	1,139 (2.5)	334 (0.7)	853 (1.8)	1,660 (3.6)	1,247 (2.7)
Sewerage, waste management and remediation activities	243 (100.0)	204 (84.0)	13 (5.3)	6 (2.5)	11 (4.5)	8 (3.3)	1 (0.4)
Construction	3,763 (100.0)	3,318 (88.2)	187 (4.9)	48 (1.3)	93 (2.5)	98 (2.6)	19 (0.5)
Land transport and storage	5,575 (100.0)	5,237 (93.9)	104 (1.9)	31 (0.6)	70 (1.2)	115 (2.1)	18 (0.3)
Private hospital activities	49 (100.0)	3 (6.1)	3 (6.1)	1 (2.0)	1 (2.0)	23 (47.0)	18 (36.8)

Note : (1) Figures in the brackets are in percentage.

(2) “-“ means nil or negligible figure.

2.3 Form of legal organization

For the form of legal organization of establishment in Central region, most of establishments (about 94.1 percent) were in the form of individual proprietor. This was followed by those in the form of company limited or public company limited and those in the form of juristic partnership, of about 4.1 percent and 1.4 percent respectively. The rest of about 0.4 percent was in the form of government, state-enterprise cooperative and others.

Considering by economic activity, the result showed that most of establishments in all kind of economic activities were individual proprietor. This was followed by those, which were company limited or public company limited and those of juristic partnership, government, state-enterprise, cooperative and others respectively. Those engaged in *private hospital activities* had the highest proportion of company limited or public company limited of about 67.4 percent.

Table C Number and percentage of establishments by form of legal organization and economic activity

Economic activity	Total	Form of legal organization			
		Individual proprietor	Juristic partnership	Company limited, Public company limited	Government, state-enterprise, cooperative and others
Total	365,477 <i>(100.0)</i>	343,972 <i>(94.1)</i>	5,271 <i>(1.4)</i>	14,864 <i>(4.1)</i>	1,370 <i>(0.4)</i>
Wholesale and retail trade; repair of motor vehicles and motorcycles	30,996 <i>(100.0)</i>	29,234 <i>(94.3)</i>	533 <i>(1.7)</i>	1,225 <i>(4.0)</i>	4 <i>(-)</i>
Wholesale trade	11,373 <i>(100.0)</i>	9,875 <i>(86.8)</i>	506 <i>(4.5)</i>	938 <i>(8.2)</i>	54 <i>(0.5)</i>
Retail trade	142,663 <i>(100.0)</i>	136,142 <i>(95.4)</i>	1,866 <i>(1.3)</i>	4,201 <i>(2.9)</i>	454 <i>(0.4)</i>
Accommodation, food and beverage service activities	54,293 <i>(100.0)</i>	53,111 <i>(97.8)</i>	150 <i>(0.3)</i>	990 <i>(1.8)</i>	42 <i>(0.1)</i>
Information and communication	2,082 <i>(100.0)</i>	1,898 <i>(91.2)</i>	31 <i>(1.5)</i>	148 <i>(7.1)</i>	5 <i>(0.2)</i>
Real estate activities	15,105 <i>(100.0)</i>	14,527 <i>(96.2)</i>	62 <i>(0.4)</i>	471 <i>(3.1)</i>	45 <i>(0.3)</i>
Professional, scientific and technical activities	3,193 <i>(100.0)</i>	2,901 <i>(90.9)</i>	77 <i>(2.4)</i>	215 <i>(6.7)</i>	- <i>(-)</i>
Administrative and support service activities	6,206 <i>(100.0)</i>	5,408 <i>(87.1)</i>	158 <i>(2.6)</i>	637 <i>(10.3)</i>	3 <i>(-)</i>
Art, entertainment and recreation	5,834 <i>(100.0)</i>	5,673 <i>(97.2)</i>	12 <i>(0.2)</i>	95 <i>(1.6)</i>	54 <i>(1.0)</i>
Other service activities	37,855 <i>(100.0)</i>	37,610 <i>(99.4)</i>	60 <i>(0.2)</i>	160 <i>(0.4)</i>	25 <i>(-)</i>
Manufacturing	46,247 <i>(100.0)</i>	39,701 <i>(85.9)</i>	1,153 <i>(2.5)</i>	4,732 <i>(10.2)</i>	661 <i>(1.4)</i>
Sewerage, waste management and remediation activities	243 <i>(100.0)</i>	181 <i>(74.5)</i>	7 <i>(2.9)</i>	42 <i>(17.3)</i>	13 <i>(5.3)</i>
Construction	3,763 <i>(100.0)</i>	2,793 <i>(74.2)</i>	474 <i>(12.6)</i>	496 <i>(13.2)</i>	- <i>(-)</i>
Land transport and storage	5,575 <i>(100.0)</i>	4,903 <i>(87.9)</i>	182 <i>(3.3)</i>	481 <i>(8.6)</i>	9 <i>(0.2)</i>
Private hospital activities	49 <i>(100.0)</i>	15 <i>(30.6)</i>	- <i>(-)</i>	33 <i>(67.4)</i>	1 <i>(2.0)</i>

Note : (1) Figures in the brackets are in percentage.

(2) “-“ means nil or negligible figure.

2.4 Form of economic organization

For the form of economic organization, Table D showed that most of establishments (about 97.6 percent) were in the form of single unit. About 2.1 percent were branch office, while establishments in the form of head office of about 0.3 percent.

Considering by economic activity, it was found that most of establishments in all kind of economic activities was in the form of single unit, which was found more than 70.0 percent.

Table D Number and percentage of establishments by form of economic organization and economic activity

Economic activity	Total	Form of economic organization			
		Single unit	Head office	Branch	Others
Total	365,477 <i>(100.0)</i>	356,657 <i>(97.6)</i>	927 <i>(0.3)</i>	7,825 <i>(2.1)</i>	68 <i>(-)</i>
Wholesale and retail trade; repair of motor vehicles and motorcycles	30,996 <i>(100.0)</i>	30,182 <i>(97.4)</i>	115 <i>(0.4)</i>	696 <i>(2.2)</i>	3 <i>(-)</i>
Wholesale trade	11,373 <i>(100.0)</i>	10,966 <i>(96.4)</i>	44 <i>(0.4)</i>	357 <i>(3.1)</i>	6 <i>(0.1)</i>
Retail trade	142,663 <i>(100.0)</i>	138,716 <i>(97.2)</i>	255 <i>(0.2)</i>	3,654 <i>(2.6)</i>	38 <i>(-)</i>
Accommodation, food and beverage service activities	54,293 <i>(100.0)</i>	53,432 <i>(98.4)</i>	69 <i>(0.1)</i>	790 <i>(1.5)</i>	2 <i>(-)</i>
Information and communication	2,082 <i>(100.0)</i>	1,965 <i>(94.4)</i>	12 <i>(0.6)</i>	105 <i>(5.0)</i>	- <i>-</i>
Real estate activities	15,105 <i>(100.0)</i>	14,881 <i>(98.5)</i>	24 <i>(0.2)</i>	196 <i>(1.3)</i>	4 <i>(-)</i>
Professional, scientific and technical activities	3,193 <i>(100.0)</i>	3,116 <i>(97.6)</i>	13 <i>(0.4)</i>	64 <i>(2.0)</i>	- <i>-</i>
Administrative and support service activities	6,206 <i>(100.0)</i>	5,972 <i>(96.2)</i>	19 <i>(0.3)</i>	215 <i>(3.5)</i>	- <i>-</i>
Art, entertainment and recreation	5,834 <i>(100.0)</i>	5,788 <i>(99.2)</i>	4 <i>(0.1)</i>	42 <i>(0.7)</i>	- <i>-</i>
Other service activities	37,855 <i>(100.0)</i>	37,695 <i>(99.6)</i>	18 <i>(-)</i>	137 <i>(0.4)</i>	5 <i>(-)</i>
Manufacturing	46,247 <i>(100.0)</i>	44,602 <i>(96.4)</i>	307 <i>(0.7)</i>	1,328 <i>(2.9)</i>	10 <i>(-)</i>
Sewerage, waste management and remediation activities	243 <i>(100.0)</i>	233 <i>(95.9)</i>	2 <i>(0.8)</i>	8 <i>(3.3)</i>	- <i>-</i>
Construction	3,763 <i>(100.0)</i>	3,657 <i>(97.2)</i>	20 <i>(0.5)</i>	86 <i>(2.3)</i>	- <i>-</i>
Land transport and storage	5,575 <i>(100.0)</i>	5,417 <i>(97.2)</i>	21 <i>(0.4)</i>	137 <i>(2.4)</i>	- <i>-</i>
Private hospital activities	49 <i>(100.0)</i>	35 <i>(71.4)</i>	4 <i>(8.2)</i>	10 <i>(20.4)</i>	- <i>-</i>

Note : (1) Figures in the brackets are in percentage.

(2) “-“ means nil or negligible figure.

2.5 Foreign investment or share holding

On the aspect of having foreign investment or share holding, Table E shows that, about 14,864 establishments were in the form of *company limited or public company limited*, where as most of them had no foreign investment or share holding. For the establishment with foreign investment (5.7 percent), about 55.1 percent was of

establishments with foreign share holding around 10-50 percent, followed by 33.6 percent for establishments with foreign share over fifty percent. The rest of about 11.3 percent had foreign investment with a share holding less than ten percent.

Table E Number and percentage of establishments by foreign investment or share holding and economic activity

Economic activity	Number of establishments	No. of foreign investment or share holding	Proportion of foreign investment or share holding			
			Total	< 10%	10-50%	> 50%
Total	14,864 (100.0)	14,015 (94.3)	849 (5.7)	96 (11.3)	468 (55.1)	285 (33.6)
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,225 (100.0)	1,215 (99.2)	10 (0.8)	5 (50.0)	4 (40.0)	1 (10.0)
Wholesale trade	938 (100.0)	914 (97.4)	24 (2.6)	4 (16.7)	17 (70.8)	3 (12.5)
Retail trade	4,201 (100.0)	4,180 (99.5)	21 (0.5)	6 (28.6)	5 (23.8)	10 (47.6)
Accommodation, food and beverage service activities	990 (100.0)	958 (96.8)	32 (3.2)	11 (34.4)	15 (46.9)	6 (18.7)
Information and communication	148 (100.0)	147 (99.3)	1 (0.7)	1 (100.0)	-	-
Real estate activities	471 (100.0)	454 (96.4)	17 (3.6)	6 (35.3)	7 (41.2)	4 (23.5)
Professional, scientific and technical activities	215 (100.0)	209 (97.2)	6 (2.8)	1 (16.7)	5 (83.3)	-
Administrative and support service activities	637 (100.0)	627 (98.4)	10 (1.6)	4 (40.0)	6 (60.0)	-
Art, entertainment and recreation	95 (100.0)	93 (97.9)	2 (2.1)	-	2 (100.0)	-
Other service activities	160 (100.0)	153 (95.6)	7 (4.4)	3 (42.8)	2 (28.6)	2 (28.6)
Manufacturing	4,732 (100.0)	4,048 (85.5)	684 (14.5)	49 (7.2)	386 (56.4)	249 (36.4)
Sewerage, waste management and remediation activities	42 (100.0)	40 (95.2)	2 (4.8)	1 (50.0)	1 (50.0)	-
Construction	496 (100.0)	484 (97.6)	12 (2.4)	2 (16.7)	6 (50.0)	4 (33.3)
Land transport and storage	481 (100.0)	460 (95.6)	21 (4.4)	3 (14.3)	12 (57.1)	6 (28.6)
Private hospital activities	33 (100.0)	33 (100.0)	-	-	-	-

Note : (1) Figures in the brackets are in percentage.

(2) Only establishments which were in the form of company limited or public company limited.

Considering by economic activity, it was found that most establishments in all type of economic activities had the same structure as mentioned above. It was particularly for the establishments engaged in *manufacturing* which had the highest proportions of about 14.5 percent. This was followed by those engaged in *sewerage, waste management and remediation activities*, of about 4.8 percent, and those engaged in *land transport and storage and other service activities*, of about 4.4 percent.

2.6 Persons engaged and employees

2.6.1 Number of persons engaged

Focusing on the number of persons engaged, Table F shows that there were in total 2.2 million persons worked in establishments in Central region. Most of them (about 976,273 persons or 44.2 percent) worked in the establishments with more than 200 persons. This was followed by those engaged in establishments with 1-15 persons which were about 35.6 percent. The establishments with 51-200 persons, 16-25 persons and 31-50 persons were about 12.5 percent, 3.4 percent and 3.2 percent respectively, whereas establishments with 26-30 persons had the lowest proportion of about 1.1 percent.

Considering by economic activity, it showed that most of them (about 1.2 million persons or 54.5 percent) engaged in *manufacturing*. This was followed by those

engaged in *retail trade* and those engaged in *accommodation, food and beverage service activities* of about 14.4 and 9.7 percent respectively. The other economic activities not mentioned above had rather low proportions of number of persons engaged, of which each economic activity had less than 5.0 percent.

2.6.2 Number of employees

In terms of number of employees, the total employees amounted to 1.6 million persons. The employees engaged in establishments with more than 200 persons were about 56.4 percent. This was followed by those engaged in establishments with 1-15 persons and 51-200 persons, of about 17.5 percent and 16.4 percent respectively. For the other sizes not mention above had rather low proportions of number of employees, of which each size had less than 5.0 percent.

For number of employees in each economic activity, it was found that employees engaged in *manufacturing* had the highest proportions of about 68.9 percent. This was followed by those engaged in *accommodation, food and beverage service activities* and *retail trade* of about 7.9 percent and 6.6 percent respectively. While, the other economic activities had the low proportions of number of employees, of which each economic activity had less than 5.0 percent.

Table F Number and percentage of persons engaged and employees by size of establishment and economic activity

Size of establishment/ Economic activity	Number of establishments	Persons engaged		Employees	
		Number	%	Number	%
Total	365,477	2,208,754	100.0	1,637,470	100.0
Size of establishment					
1-15 persons	354,899	786,423	35.6	286,156	17.5
16-25 persons	3,799	75,262	3.4	68,185	4.2
26-30 persons	846	24,124	1.1	22,824	1.4
31-50 persons	1,804	71,668	3.2	67,712	4.1
51-200 persons	2,686	275,004	12.5	269,460	16.4
More than 200 persons	1,443	976,273	44.2	923,133	56.4
Economic activity					
Wholesale and retail trade; repair of motor vehicles and motorcycles	30,996	93,944	4.3	52,158	3.2
Wholesale trade	11,373	63,815	2.9	44,429	2.7
Retail trade	142,663	317,589	14.4	108,543	6.6
Accommodation, food and beverage service activities	54,293	213,821	9.7	129,569	7.9
Information and communication	2,082	5,993	0.3	3,368	0.2
Real estate activities	15,105	50,575	2.3	18,099	1.1
Professional, scientific and technical activities	3,193	10,793	0.5	6,197	0.4
Administrative and support service activities	6,206	51,687	2.3	32,216	2.0
Art, entertainment and recreation	5,834	29,514	1.3	20,861	1.3
Other service activities	37,855	58,257	2.6	14,026	0.9
Manufacturing	46,247	1,204,648	54.5	1,128,374	68.9
Sewerage, waste management and remediation activities	243	2,817	0.1	2,376	0.1
Construction	3,763	57,327	2.6	36,115	2.2
Land transport and storage	5,575	35,624	1.6	28,806	1.8
Private hospital activities	49	12,350	0.6	12,333	0.7

2.7 Sale of goods/services via internet

Table G shows that a few of establishments in Central region operated sale of goods/services via internet which was found 2,318 establishments or about 0.6 percent. Establishments engaged in *information and communication* were found the highest proportion, of about 2.7 percent, of performing sale of goods/services via internet.

This was followed by those engaged in *administrative and support service activities*, of about 2.1 percent respectively. For the other economic activities, it was found a low proportion of performing sale of goods/services via internet, of which each economic activity had less than 1.5 percent.

Table G Number and percentage of establishments by sale of goods via internet and economic activity

Economic activity	Number of establishments	sale of goods via internet	
		Yes	No
Total	365,477 <i>(100.0)</i>	2,318 <i>(0.6)</i>	363,159 <i>(99.4)</i>
Wholesale and retail trade; repair of motor vehicles and motorcycles	30,996 <i>(100.0)</i>	121 <i>(0.4)</i>	30,875 <i>(99.6)</i>
Wholesale trade	11,373 <i>(100.0)</i>	67 <i>(0.6)</i>	11,306 <i>(99.4)</i>
Retail trade	142,663 <i>(100.0)</i>	460 <i>(0.3)</i>	142,203 <i>(99.7)</i>
Accommodation, food and beverage service activities	54,293 <i>(100.0)</i>	651 <i>(1.2)</i>	53,642 <i>(98.8)</i>
Information and communication	2,082 <i>(100.0)</i>	57 <i>(2.7)</i>	2,025 <i>(97.3)</i>
Real estate activities	15,105 <i>(100.0)</i>	118 <i>(0.8)</i>	14,987 <i>(99.2)</i>
Professional, scientific and technical activities	3,193 <i>(100.0)</i>	35 <i>(1.1)</i>	3,158 <i>(98.9)</i>
Administrative and support service activities	6,206 <i>(100.0)</i>	133 <i>(2.1)</i>	6,073 <i>(97.9)</i>
Art, entertainment and recreation	5,834 <i>(100.0)</i>	44 <i>(0.8)</i>	5,790 <i>(99.2)</i>
Other service activities	37,855 <i>(100.0)</i>	88 <i>(0.2)</i>	37,767 <i>(99.8)</i>
Manufacturing	46,247 <i>(100.0)</i>	458 <i>(1.0)</i>	45,789 <i>(99.0)</i>
Sewerage, waste management and remediation activities	243 <i>(100.0)</i>	2 <i>(0.8)</i>	241 <i>(99.2)</i>
Construction	3,763 <i>(100.0)</i>	48 <i>(1.3)</i>	3,715 <i>(98.7)</i>
Land transport and storage	5,575 <i>(100.0)</i>	36 <i>(0.6)</i>	5,539 <i>(99.4)</i>
Private hospital activities	49 <i>(100.0)</i>	- <i>-</i>	49 <i>(100.0)</i>

Note : Figures in the brackets are in percentage.