

OFFICE OF THE ADMINISTRATOR  
NATIONAL STATISTICS OFFICE  
MANILA, PHILIPPINES

Number 085

ISSN 00116-2640

April 2, 2004

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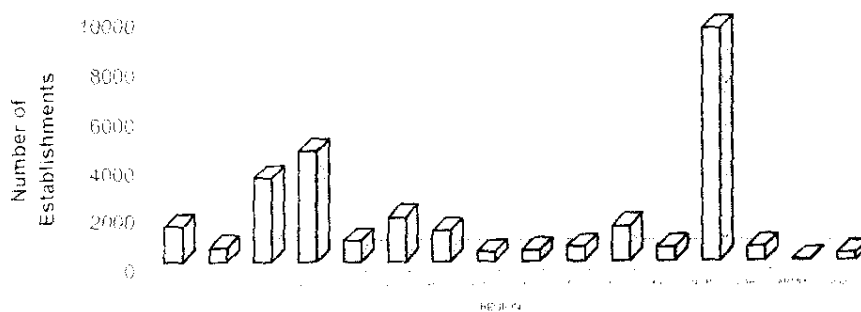
## Preliminary Results of the 2000 Census of Philippine Business and Industry (CPBI)

### Health and Social Work Sector

**Majority of establishments are involved in hospital activities and medical and dental practices...**

1. There were 27,822 health and social work establishments covered by the 2000 Census of Philippine Business and Industry (CPBI). Most of these establishments, about 27,254 or 97.96 percent had an average total employment (ATE) of less than 20 while only 568 or 2.04 percent had ATE of more than 20. See Table 1 for summary statistics for all health and social work establishments.
2. Establishments involved in hospital activities and medical and dental practices (PSIC N851) comprised the biggest number with 27,285 or 98.07 percent of the total count for the sector. The rest were engaged in veterinary activities (PSIC N852) with 408 establishments and social work activities (PSIC N853) with 129 establishments.
3. On the regional level, the National Capital Region (NCR) accounted for 9,494 or 34.12 percent of the total establishment count while Autonomous Region in Muslim Mindanao (ARMM) had the least number with 50 or a mere 0.18 percent. Figure 1 shows the distribution of health and social work establishments by region.

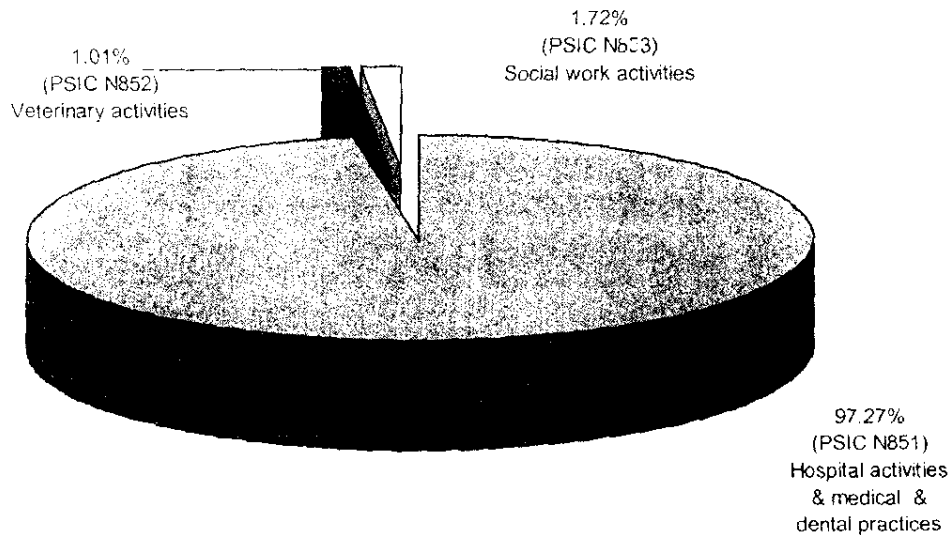
Figure 1. Distribution of Health and Social Work Establishments, by Region: 1999



**Employment is highest in establishments engaged in hospital activities and medical and dental practices...**

4. Total employment reached 135,037 of which 131,349 or 97.27 percent worked in establishments engaged in hospital activities and medical and dental practices. The remaining 3,688 or 2.73 percent were hired by those engaged in veterinary and social work activities. Distribution of employment by industry is displayed in Figure 2.

**Figure 2. Distribution of Employment by Industry: 1999**



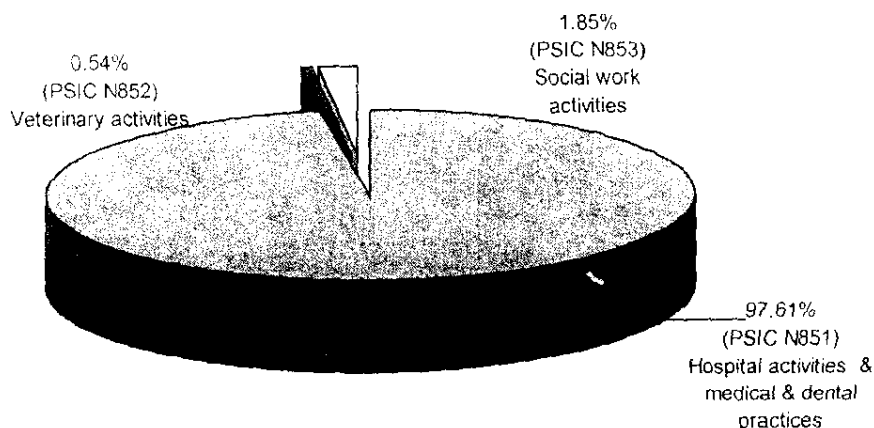
5. As expected, NCR recorded the most number of workers with 56,540 while ARMM registered only 208, the lowest among the regions.

**Average Monthly Compensation per paid employee is P5,634...**

6. Compensation paid amounted to P7.05 billion in 1999. This translates to an average monthly compensation of P5,634 per paid employee.
7. By industry group, establishments engaged in social work activities paid the highest average monthly compensation to each employee at P7,644. Those working in establishments involved in hospital activities and medical and dental practices received average monthly compensation of P5,606 while employees of establishments involved in veterinary activities got an average of P4,272.

8. Total revenue earned by the sector amounted to P29.2 billion. Of the total, establishments engaged in hospital activities and medical and dental practices generated P28.5 billion or 97.61 percent. The rest of the establishments in the health and social work sector contributed the remaining 2.39 percent. Distribution of revenue by industry is shown in Figure 3.

Figure 3. Distribution of Revenue by Industry: 1999

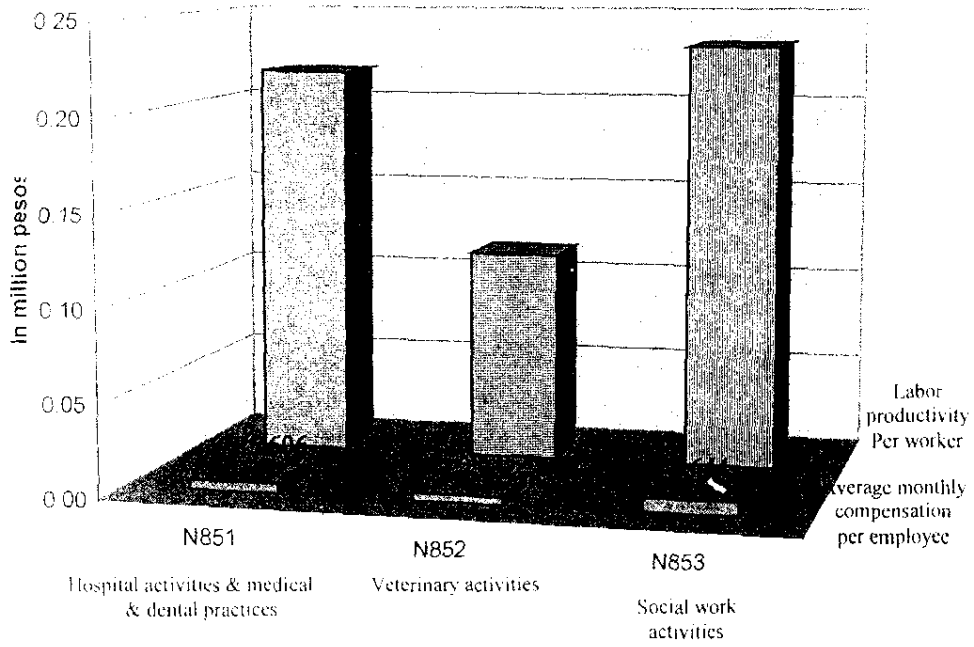


9. Costs excluding compensation paid to employees summed up to almost P15.6 billion.
10. Among the regions, NCR spent the most, accounting for P8.5 billion or 54.88 percent of the total cost.

**Labor productivity per worker is P0.216 million...**

11. Revenue per worker, a measure of labor productivity, was valued at P0.216 million. Establishments engaged in social work activities attained the highest labor productivity at P0.233 million. On the other hand, establishments engaged in veterinary activities exhibited the lowest productivity at P0.115 million. Figure 4 shows some economic indicators for the sector. See also Table R1 to R3 for other economic indicators.

Figure 4. Economic Indicators for Health and Social Work: 1999



## Technical Notes

### Scope and Coverage

The 2 000 C ensus o f P hilippine B usiness a nd I ndustry ( CPBI), formerly known as Census of Establishments (CE), was conducted to collect benchmark information on economic activities in the entire country for the year 1999. Covered were establishments engaged in economic activities as defined under the 1994 Philippine Standard Industrial Classification (PSIC). These establishments were classified into 14 sectors, one of which is on health and social work (Sector N). The sector is composed of establishments engaged in hospital activities and medical and dental practices (N851), veterinary activities (N852) and social work activities (N853).

All health and social work establishments nationwide with average total employment (ATE) of 20 and over were covered on a 100 percent basis and those with ATE of less than 20 were selected using the sampling method of probability proportional to size.

### Response

A total of 942 or 71.58% responded out of the 1,149 samples drawn for the sector. Adjustments for non-response were made through imputations.

### Concepts and Definition of terms

**Establishment** is an economic unit, which engages under a single ownership or control, i.e. under a single legal entity, in one, or predominantly one kind of economic activity at a single fixed location.

**Economic activity** or business is the activity of the establishment as classified under the 1994 Philippine Standard Industrial Classification (PSIC). The main activity refers to the activity that contributes the biggest or major portion of the gross income or revenue of the establishment.

**Average total employment (ATE)** is the sum of the number of persons who worked in or for the establishment for all months of the year divided by 12 regardless of the number of months the establishment was in operation in 1999.

**Paid employees** are all persons working in the establishment receiving pay as well as those working away from the establishment when paid by and under the control of the establishment. Included are persons working as full-time or part-time and those employees on sick leave, paid vacation or holiday. Excluded are consultants, home workers and workers receiving commission only.

**Unpaid workers** include working owners who do not receive regular pay, apprentices and learners without regular pay, and persons working without regular pay for at least one third of the working time normal to the establishment.

**Salaries and wages** are payments in cash or in kind, prior to deduction for employee's contribution to SSS/GSIS, withholding tax, etc. Included are total basic pay, vacation, sick, maternity leave pay, overtime pay, and other benefits.

**Revenue** refers to cash received and receivables for goods sold and services rendered.

**Cost** refers to all expenses excluding compensation incurred during the year whether paid or payable. Valuation should be at market price including taxes and other charges, net of discounts, rebates, returns and allowances. Goods received from and services rendered by other establishment of the same enterprise are valued as though purchased

**Gross additions to fixed assets** is the sum of cost of new and used fixed assets acquired during the year, cost of alteration and improvements done by others and cost of fixed assets produced by the establishment less the value of sales of fixed assets during the year.

**Fixed assets** are physical assets expected to have productive life of more than one year and intended for use and/or being used by the establishment. Included are land, buildings, fixtures, machinery, tool, furniture, office equipment, vehicles, and the like.

**Capital expenditures** for fixed assets include cost of acquisition of new and used fixed assets; fixed assets produced by the establishment for its own use; major alterations, additions and improvements to fixed assets, whether done by others or done on own account.

**Change in Inventories** as a derived indicator is computed as the value of ending inventory less the value of beginning inventory.

**Subsidies** are special grants in the form of financial assistance or tax exemption or tax privilege given by the government to develop an industry or production and to protect it against competition.

**Inventories** refer to stocks of goods owned by or under the control of the establishment as of a fixed date, regardless of where the stocks are located. Valuation should be at current replacement cost in purchaser's price at the indicated dates. Replacement cost is the cost of an item in terms of its present price rather than its original price.

TABLE 1. SUMMARY STATISTICS FOR ALL HEALTH AND SOCIAL WORK ESTABLISHMENTS  
BY INDUSTRY GROUP: 1999

(Value in thousand pesos. Details may not add up to totals due to rounding and suppression )

INDUSTRY DESCRIPTION	NUMBER OF ESTABLISHMENTS (1)	EMPLOYMENT (AVERAGE FOR THE YEAR)			COMPENSATION (5)	REVENUE/ SALES (6)
		TOTAL (2)	PAID EMPLOYEES (3)	UNPAID EMPLOYEES (4)		
		PHILIPPINES	27,822	135,037		
851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	27,285	131,349	101,339	30,010	6,817,341	28,511,368
8512 PRIVATE MEDICAL, DENTAL & OTHER HEALTH SERVICES	27,082	130,635	100,916	29,719	6,795,993	28,431,074
8519 OTHER HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES, N.E.C.	203	713	423	290	21,348	80,295
852 VETERINARY ACTIVITIES	407	1,367	894	473	45,825	157,494
8520 VETERINARY ACTIVITIES	407	1,367	894	473	45,825	157,494
853 SOCIAL WORK ACTIVITIES	130	2,321	2,028	293	186,020	539,974
8531 SOCIAL WORK WITH ACCOMMODATION	92	1,130	939	191	77,166	199,987
8532 SOCIAL WORK WITHOUT ACCOMMODATION	38	1,192	1,089	102	108,854	339,987

TABLE 2. SUMMARY STATISTICS FOR HEALTH AND SOCIAL WORK ESTABLISHMENTS WITH AVERAGE TOTAL  
EMPLOYMENT OF 20 OR MORE BY INDUSTRY GROUP: 1999

(Value in thousand pesos. Details may not add up to totals due to rounding and suppression )

1994 PSIC INDUSTRY DESCRIPTION CODE	NUMBER OF ESTABLISHMENTS (1)	EMPLOYMENT (AVERAGE FOR THE YEAR)			COMPENSATION (4)	REVENUE (5)
		TOTAL (2)	PAID EMPLOYEES (3)			
		PHILIPPINES	568	57,160		
851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	545	55,768	55,040	4,741,320	15,936,025	
852 VETERINARY ACTIVITIES	1	20	20	1,680	3,009	
853 SOCIAL WORK ACTIVITIES	22	1,372	1,256	126,822	362,811	

TABLE 3. SUMMARY STATISTICS FOR HEALTH AND SOCIAL WORK ESTABLISHMENTS WITH AVERAGE TOTAL  
EMPLOYMENT OF LESS THAN 20 BY INDUSTRY CLASS: 1999

(Value in thousand pesos. Details may not add up to totals due to rounding )

1994 PSIC INDUSTRY DESCRIPTION CODE	NUMBER OF ESTABLISHMENTS (1)	EMPLOYMENT (AVERAGE FOR THE YEAR)			COMPENSATION (5)	REVENUE/ SALES (6)
		TOTAL (2)	PAID EMPLOYEES (3)	UNPAID EMPLOYEES (4)		
		PHILIPPINES	27,254	77,877		
851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	26,740	75,581	46,299	29,282	2,076,020	12,575,342
8512 PRIVATE MEDICAL, DENTAL & OTHER HEALTH SERVICES	26,541	74,959	45,965	28,994	2,060,889	12,508,089
8519 OTHER HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES, N.E.C.	199	621	334	287	15,131	67,253
852 VETERINARY ACTIVITIES	406	1,347	874	473	44,145	154,485
8520 VETERINARY ACTIVITIES	406	1,347	874	473	44,145	154,485
853 SOCIAL WORK ACTIVITIES	108	949	772	177	59,197	177,361
8531 SOCIAL WORK WITH ACCOMMODATION	80	721	578	143	45,495	138,540
8532 SOCIAL WORK WITHOUT ACCOMMODATION	28	229	194	34	13,702	38,822

TABLE 1. SUMMARY STATISTICS FOR ALL HEALTH AND SOCIAL WORK ESTABLISHMENTS  
BY INDUSTRY CLASS: 1999 - concluded

(Value in thousand pesos. Details may not add up to totals due to rounding and suppression.)

INDUSTRY DESCRIPTION	COSTS	GROSS ADDITION TO FIXED ASSETS	CHANGE IN INVENTORIES	SUBSIDIES
	(7)	(8)	(9)	(10)
PHILIPPINES	15,565,888	3,975,216	224,245	193,932
851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	15,191,866	3,945,705	223,211	116,104
8512 PRIVATE MEDICAL, DENTAL & OTHER HEALTH SERVICES	15,151,238	3,926,018	220,191	115,902
8519 OTHER HOSPITAL ACTIVITIES & MEDI- CAL & DENTAL PRACTICES, N.E.C.	40,627	19,688	3,019	202
852 VETERINARY ACTIVITIES	68,783	6,143	560	1,751
8520 VETERINARY ACTIVITIES	68,783	6,143	560	1,751
853 SOCIAL WORK ACTIVITIES	305,240	23,367	475	76,076
8531 SOCIAL WORK WITH ACCOMMODATION	107,854	8,717	-192	69,705
8532 SOCIAL WORK WITHOUT ACCOMMODATION	197,386	14,651	667	6,372

TABLE 2. SUMMARY STATISTICS FOR HEALTH AND SOCIAL WORK ESTABLISHMENTS WITH AVERAGE TOTAL  
EMPLOYMENT OF 20 OR MORE BY INDUSTRY GROUP: 1999 - concluded

(Value in thousand pesos. Details may not add up to totals due to rounding and suppression.)

1994 PSIC CODE	INDUSTRY DESCRIPTION	COSTS	GROSS ADDITIONS TO FIXED ASSETS	CHANGE IN INVENTORIES	VALUE ADDED	SUBSIDIES
		(6)	(7)	(8)	(9)	(10)
	PHILIPPINES	8,935,213	2,293,349	193,071	8,081,935	140,858
	851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	8,720,731	2,273,783	192,395	7,928,130	107,905
	852 VETERINARY ACTIVITIES	1,030	363	8	2,040	0
	853 SOCIAL WORK ACTIVITIES	213,452	19,203	668	151,765	32,953

TABLE 3. SUMMARY STATISTICS FOR HEALTH AND SOCIAL WORK ESTABLISHMENTS WITH AVERAGE TOTAL  
EMPLOYMENT OF LESS THAN 20 BY INDUSTRY CLASS: 1999 - concluded

(Value in thousand pesos. Details may not add up to totals due to rounding.)

1994 PSIC CODE	INDUSTRY DESCRIPTION	COSTS	GROSS ADDITIONS TO FIXED ASSETS	CHANGE IN INVENTORIES	SUBSIDIES
		(7)	(8)	(9)	(10)
	PHILIPPINES	6,630,674	1,681,868	31,173	53,075
	851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	6,471,134	1,671,922	30,816	8,201
	8512 PRIVATE MEDICAL, DENTAL & OTHER HEALTH SERVICES	6,435,512	1,653,904	28,085	7,999
	8519 OTHER HOSPITAL ACTIVITIES & MEDI- CAL & DENTAL PRACTICES, N.E.C.	35,622	18,018	2,731	202
	852 VETERINARY ACTIVITIES	67,753	5,781	551	1,751
	8520 VETERINARY ACTIVITIES	67,753	5,781	551	1,751
	853 SOCIAL WORK ACTIVITIES	91,786	4,165	-194	43,123
	8531 SOCIAL WORK WITH ACCOMMODATION	68,319	3,959	-213	40,416
	8532 SOCIAL WORK WITHOUT ACCOMMODATION	23,467	207	19	2,708



TABLE 4. SUMMARY STATISTICS FOR ALL HEALTH AND SOCIAL WORK ESTABLISHMENTS BY REGION: 1999

(Value in thousand pesos. Details may not add up to totals due to rounding)

REGION	NUMBER OF ESTABLISHMENTS	EMPLOYMENT (AVERAGE FOR THE YEAR)			COMPENSATION	REVENUE
		TOTAL	PAID EMPLOYEES	UNPAID WORKERS		
	(1)	(2)	(3)	(4)	(5)	(6)
PHILIPPINES	27,822	135,037	104,261	30,775	7,049,186	29,208,836
N C R	9,494	56,540	46,140	10,400	4,132,231	15,723,895
C A R	591	1,499	738	761	39,994	268,153
REGION I	1,455	5,132	3,493	1,639	148,022	655,895
REGION II	573	2,199	1,401	798	77,238	299,474
REGION III	3,473	15,014	11,584	3,430	517,686	2,742,660
REGION IV	4,571	16,618	12,446	4,172	591,362	3,092,796
REGION V	837	2,823	1,919	904	82,998	359,518
REGION VI	1,812	8,087	5,905	2,182	328,080	1,459,733
REGION VII	1,294	8,350	6,934	1,416	419,438	1,834,489
REGION VIII	372	1,527	1,106	421	61,693	293,837
REGION IX	444	1,905	1,577	329	75,124	230,992
REGION X	575	3,235	2,323	912	123,285	497,697
REGION XI	1,423	6,713	5,462	1,251	308,792	1,151,260
REGION XII	569	2,917	1,898	1,019	86,511	370,559
ARMM	50	208	118	90	5,934	22,388
Caraga	289	2,268	1,216	1,051	50,798	205,489

TABLE 4. SUMMARY STATISTICS FOR ALL HEALTH AND SOCIAL WORK  
ESTABLISHMENTS BY REGION: 1999

(Value in thousand pesos. Details may not add up to totals due to rounding )

REGION	COSTS	GROSS ADDITIONS TO FIXED ASSETS	CHANGE IN INVENTORIES	SUBSIDIES
	(7)	(8)	(10)	(11)
PHILIPPINES	15,565,888	3,975,216	224,245	193,932
N C R	8,542,154	2,550,257	185,464	128,794
C A R	121,182	4,683	-5200	2,923
REGION I	368,246	27,299	-476	378
REGION II	120,211	31,470	3,033	-
REGION III	1,393,967	71,566	2,337	42,182
REGION IV	1,830,951	443,932	-43338	5,259
REGION V	173,739	28,952	9,965	622
REGION VI	796,783	210,803	14,180	20
REGION VII	879,152	380,312	20,020	793
REGION VIII	98,846	21,459	6,100	4,350
REGION IX	106,672	8,650	-48	2,198
REGION X	227,927	27,291	13,329	2,274
REGION XI	589,866	148,480	9,579	3,389
REGION XII	183,094	13,293	7,623	750
A R M M	8,625	957	1,113	-
Caraga	124,474	5,812	565	-

Source: National Statistics Office, *Census of Philippine Business and Industry*

TABLE R1. SELECTED RATIOS FOR ALL HEALTH AND SOCIAL WORK ESTABLISHMENTS  
BY INDUSTRY CLASS: 1999

INDUSTRY DESCRIPTION	EMPLOYMENT PER ESTABLISHMENTS	AVERAGE MONTHLY COMPENSATION	REVENUE/ EMPLOYMENT	TOTAL REVENUE/ TOTAL COSTS
	(1)	(2)	(3)	(4)
PHILIPPINES	5	5,634	216,302	1.88
851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	5	5,606	217,066	1.88
8512 PRIVATE MEDICAL, DENTAL & OTHER HEALTH SERVICES	5	5,612	217,637	1.88
8519 OTHER HOSPITAL ACTIVITIES & MEDI- CAL & DENTAL PRACTICES, N.E.C.	4	4,206	112,616	1.98
852 VETERINARY ACTIVITIES	3	4,272	115,211	2.29
8520 VETERINARY ACTIVITIES	3	4,272	115,211	2.29
853 SOCIAL WORK ACTIVITIES	18	7,644	232,647	1.77
8531 SOCIAL WORK WITH ACCOMMODATION	12	6,848	176,980	1.85
8532 SOCIAL WORK WITHOUT ACCOMMODATION	31	8,330	285,224	1.72

TABLE R2. SELECTED RATIOS FOR HEALTH AND SOCIAL WORK ESTABLISHMENTS WITH ATE  
20 AND OVER BY INDUSTRY GROUP: 1999

1994 PSIC CODE	INDUSTRY DESCRIPTION	EMPLOYMENT PER ESTABLISHMENTS	AVERAGE MONTHLY COMPENSATION	REVENUE/ EMPLOYMENT	TOTAL REVENUE/ TOTAL COSTS
		(1)	(2)	(3)	(4)
	PHILIPPINES	101	7,206	285,193	1.82
	851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	102	7,179	285,756	1.83
	852 VETERINARY ACTIVITIES	20	7,000	150,450	2.92
	853 SOCIAL WORK ACTIVITIES	62	8,414	264,294	1.70

TABLE R3. SELECTED RATIOS FOR HEALTH AND SOCIAL WORK ESTABLISHMENTS WITH ATE  
LESS THAN 20 BY INDUSTRY CLASS: 1999

1994 PSIC CODE	INDUSTRY DESCRIPTION	EMPLOYMENT PER ESTABLISHMENTS	AVERAGE MONTHLY COMPENSATION	REVENUE/ EMPLOYMENT	TOTAL REVENUE/ TOTAL COSTS
		(1)	(2)	(3)	(4)
	PHILIPPINES	3	3,788	165,738	1.95
	851 HOSPITAL ACTIVITIES & MEDICAL & DENTAL PRACTICES	3	3,737	166,362	1.94
	8512 PRIVATE MEDICAL, DENTAL & OTHER HEALTH SERVICES	3	3,736	166,866	1.94
	8519 OTHER HOSPITAL ACTIVITIES & MEDI- CAL & DENTAL PRACTICES, N.E.C.	3	3,775	108,298	1.89
	852 VETERINARY ACTIVITIES	3	4,209	114,688	2.28
	8520 VETERINARY ACTIVITIES	3	4,209	114,688	2.28
	853 SOCIAL WORK ACTIVITIES	9	6,390	186,893	1.93
	8531 SOCIAL WORK WITH ACCOMMODATION	9	6,559	192,150	2.03
	8532 SOCIAL WORK WITHOUT ACCOMMODATION	8	5,886	169,528	1.65