

2.5.3 Literacy by Occupation

Tables 2.12a and 2.12b show employed population by literacy and occupation as for 1998 and 2008. It is found that more illiterate persons engage in agricultural, forestry and fishery workers than literate persons, irrespective of sex. On the other hand, literate persons engage in occupations other than agriculture, forestry and fishery as compared to occupations for illiterate persons. Females have higher percentage in engaging those workers than males irrespective of literacy.

Table 2.12a Employed Population Aged 5 and over by Literacy, Occupation and Sex, 2008

Occupation	Both Sexes			Male			Female		
	Population	Literate	Illiterate	Population	Literate	Illiterate	Population	Literate	Illiterate
Total	6,935,246	5,272,299	1,662,920	3,392,637	2,819,104	573,518	3,542,609	2,453,195	1,089,402
Armed Forces	54,247	51,150	3,097	50,734	48,074	2,660	3,513	3,076	437
Managers	37,675	37,397	277	29,761	29,551	209	7,914	7,846	68
Professional	118,924	118,911	13	73,813	73,807	6	45,111	45,104	7
Technicians & Associate Professionals	154,907	153,077	1,825	112,377	111,674	700	42,530	41,403	1,125
Clerical Support workers	102,259	102,176	83	66,971	66,930	41	35,288	35,246	42
Services & Sales Workers	618,562	552,523	66,038	235,162	223,463	11,698	383,400	329,060	54,340
Skilled Agricultural, Forestry & Fishery Workers	4,905,430	3,438,478	1,466,933	2,294,181	1,795,172	499,000	2,611,249	1,643,306	967,933
Craft & Related Workers	497,881	459,974	37,906	208,074	194,498	13,575	289,807	265,476	24,331
Plant & Machine Operators & Assemblers	122,495	114,723	7,772	114,361	107,542	6,819	8,134	7,181	953
Elementary Occupations	322,565	243,602	78,963	206,997	168,192	38,805	115,568	75,410	40,158
Described Not Stated	301	288	13	206	201	5	95	87	8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Armed Forces	0.8	1.0	0.2	1.5	1.7	0.5	0.1	0.1	0.0
Managers	0.5	0.7	0.0	0.9	1.0	0.0	0.2	0.3	0.0
Professional	1.7	2.3	0.0	2.2	2.6	0.0	1.3	1.8	0.0
Technicians & Associate Professionals	2.2	2.9	0.1	3.3	4.0	0.1	1.2	1.7	0.1
Clerical Support workers	1.5	1.9	0.0	2.0	2.4	0.0	1.0	1.4	0.0
Services & Sales Workers	8.9	10.5	4.0	6.9	7.9	2.0	10.8	13.4	5.0
Skilled Agricultural, Forestry & Fishery Workers	70.7	65.2	88.2	67.6	63.7	87.0	73.7	67.0	88.8
Craft & Related Workers	7.2	8.7	2.3	6.1	6.9	2.4	8.2	10.8	2.2
Plant & Machine Operators & Assemblers	1.8	2.2	0.5	3.4	3.8	1.2	0.2	0.3	0.1
Elementary Occupations	4.7	4.6	4.7	6.1	6.0	6.8	3.3	3.1	3.7
Described Not Stated	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 2.12b Employed Population Aged 5 and over by Literacy, Occupation and Sex, 1998

Occupation	Both Sexes			Male			Female		
	Population	Literate	Illiterate	Population	Literate	Illiterate	Population	Literate	Illiterate
Total	4,845,762	3,233,581	1,596,725	2,360,107	1,837,252	513,899	2,485,655	1,396,329	1,082,826
Armed Forces	104,069	89,240	14,684	100,138	86,016	13,979	3,931	3,224	705
Managers	15,082	14,771	302	13,641	13,366	272	1,441	1,405	30
Professional	14,477	14,376	101	12,029	11,980	49	2,448	2,396	52
Technicians & Associate Professionals	150,288	147,005	3,233	104,784	103,396	1,344	45,504	43,609	1,889
Clerical Support workers	62,597	62,597	-	46,094	46,094	-	16,503	16,503	-
Services & Sales Workers	249,948	214,638	35,250	107,792	101,471	6,290	142,156	113,167	28,960
Skilled Agricultural, Forestry & Fishery Workers	3,694,602	2,264,565	1,429,716	1,655,088	1,209,153	445,775	2,039,514	1,055,412	983,941
Craft & Related Workers	166,399	139,489	26,862	106,571	92,993	13,546	59,828	46,496	13,316
Plant & Machine Operators & Assemblers	107,280	98,969	8,240	77,924	72,153	5,735	29,356	26,816	2,505
Elementary Occupations	258,496	182,701	75,752	123,920	97,814	26,082	134,576	84,887	49,670
Described Not Stated	22,524	5,230	2,585	12,126	2,816	827	10,398	2,414	1,758
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Armed Forces	2.1	2.8	0.9	4.2	4.7	2.7	0.2	0.2	0.1
Managers	0.3	0.5	0.0	0.6	0.7	0.1	0.1	0.1	0.0
Professional	0.3	0.4	0.0	0.5	0.7	0.0	0.1	0.2	0.0
Technicians & Associate Professionals	3.1	4.5	0.2	4.4	5.6	0.3	1.8	3.1	0.2
Clerical Support workers	1.3	1.9	-	2.0	2.5	-	0.7	1.2	-
Services & Sales Workers	5.2	6.6	2.2	4.6	5.5	1.2	5.7	8.1	2.7
Skilled Agricultural, Forestry & Fishery Workers	76.2	70.0	89.5	70.1	65.8	86.7	82.1	75.6	90.9
Craft & Related Workers	3.4	4.3	1.7	4.5	5.1	2.6	2.4	3.3	1.2
Plant & Machine Operators & Assemblers	2.2	3.1	0.5	3.3	3.9	1.1	1.2	1.9	0.2
Elementary Occupations	5.3	5.7	4.7	5.3	5.3	5.1	5.4	6.1	4.6
Described Not Stated	0.5	0.2	0.2	0.5	0.2	0.2	0.4	0.2	0.2

In Figures 2.9 and 2.10, the occupational categories are broadly classified by 4 groups; 1) Manager, Professional, 2) Clerks, Service and Sales Workers, 3) Agricultural, Forestry & Fishery Workers, and 4) Craft & Plant & Machine Operators, and Armed Forces as described in “Terms and Classification used in this Report.” The findings described above can be supported clearly. Literate persons are employed in administrative and professional jobs, services, sales and clerical works, and as operators, on the other hand illiterate persons mainly engage in agriculture. The proportion of illiterate females engaging in agriculture is as high as those illiterate males. Literate females engaging as clerks, service and sales workers have higher proportion than those for males, however, females engaging as managers, professionals, and various kinds of operators have lower proportion than those for males.

Figure 2.9 Percentage Distribution of Employed Population Aged 5 and over by Literacy and Occupation , 1998 and 2008



Figure 2.10 Percentage Distribution of Employed Population Aged 5 and over by Literacy, Sex and Occupation , 2008



2.6 LITERACY BY PROVINCE

2.6.1 Literacy Rates by Province

Table 2.13 gives general literacy rate (GLR: literacy rates of the population aged 7 and above) and adult literacy rate (ALR: literacy rates of the population aged 15 and above) by province as for 1998 and 2008. Figures 2.11 and 2.12 present the general literacy rate and adult literacy rate by ascending order of the rates as of 2008. With regard to general literacy rate, all provinces showed remarkable rise during the decade. Particularly, the provinces of Kaoh Kong, Mondul Kiri, Ratanak Kiri, Siem Reab, Otdar Mean Chey and Krong Kaeb have the rise of GLR by 20% or more. However the GLRs in these provinces are lower than those of the other provinces.

The GLRs differ considerably by province. The GLRs in 2008 range from 44.6% in Ratanak Kiri to 92.9% in Phnom Penh. During the period for 1998 and 2008, the difference between the highest and the lowest rates among provinces reduced, however the difference among provinces is still not small. The top highest 3 provinces for GLR in 2008 are Phnom Penh (92.9%), Kandal (83.7%) and Prey Veang (80.8%), on the other hand, the lowest 3 provinces are Ratanak Kiri (44.6%), Stueng Traeng (60.4%) and Mondul Kiri (61.5%).

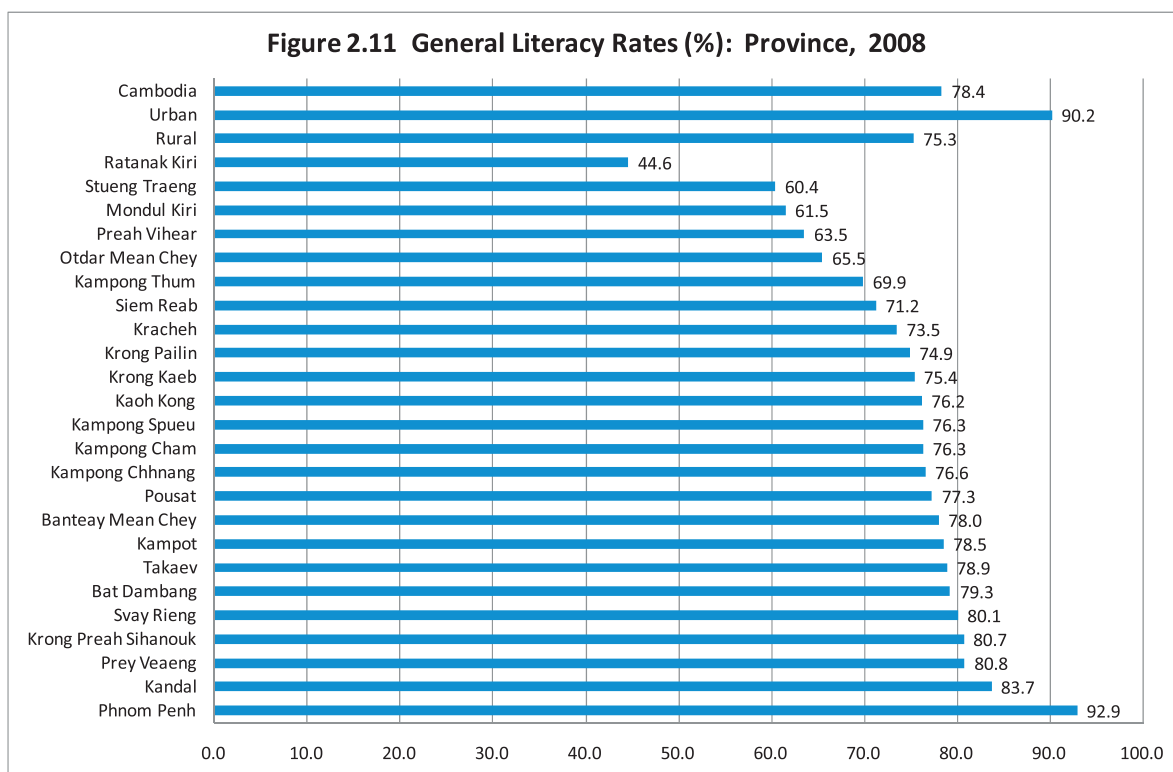
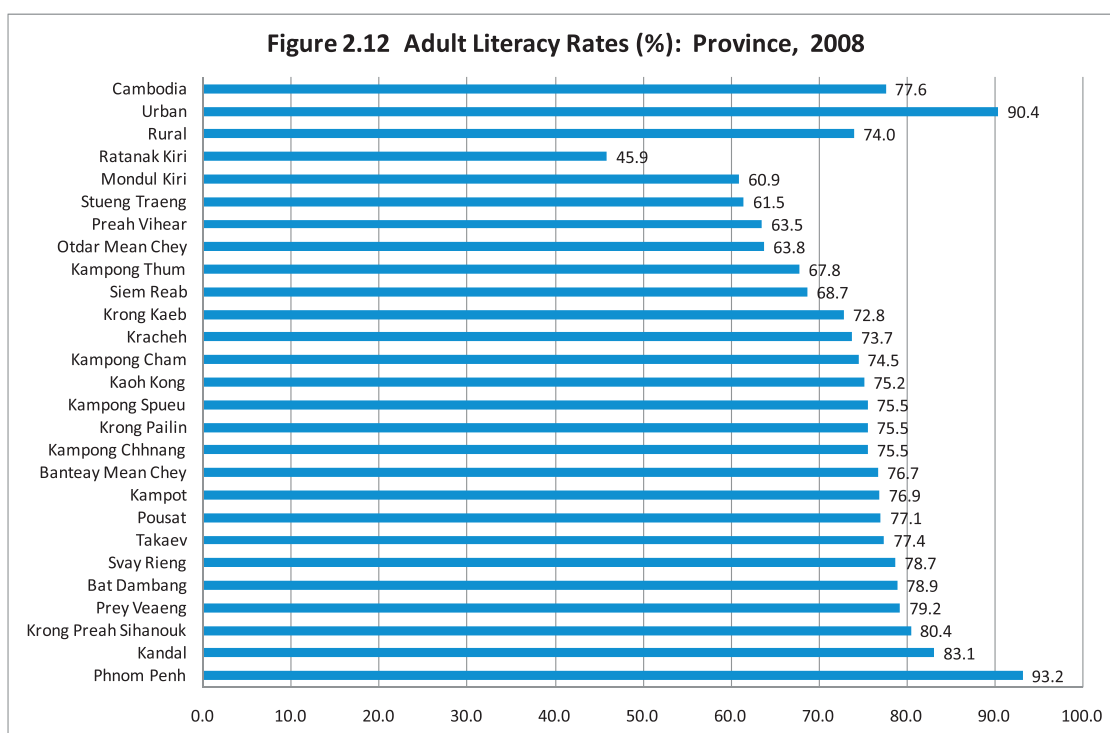


Table 2.13 General and Adult Literacy Rates (%) in any Language: Province, 1998 and 2008

Province	General Literacy Rate		Adult Literacy Rate		Change, 1998-2008	
	1998	2008	1998	2008	General Literacy Rate	Adult Literacy Rate
Cambodia	62.8	78.4	67.3	77.6	15.6	10.3
Urban	75.5	90.2	79.1	90.4	14.7	11.3
Rural	60.3	75.3	64.9	74.0	15.0	9.1
Province						
Banteay Mean Chey	63.8	78.0	66.9	76.7	14.2	9.8
Bat Dambang	65.0	79.3	70.8	78.9	14.3	8.1
Kampong Cham	61.0	76.3	64.0	74.5	15.4	10.5
Kampong Chhnang	58.9	76.6	63.9	75.5	17.6	11.7
Kampong Spueu	59.8	76.3	64.2	75.5	16.5	11.4
Kampong Thum	56.4	69.9	60.4	67.8	13.5	7.4
Kampot	59.3	78.5	64.3	76.9	19.2	12.6
Kandal	68.8	83.7	72.4	83.1	14.8	10.8
Kaoh Kong	55.0	76.2	62.5	75.2	21.2	12.7
Kracheh	61.5	73.5	66.8	73.7	12.0	7.0
Mondul Kiri	32.8	61.5	38.2	60.9	28.7	22.7
Phnom Penh	82.7	92.9	85.0	93.2	10.2	8.2
Preah Vihear	48.7	63.5	56.3	63.5	14.9	7.3
Prey Veang	64.4	80.8	68.9	79.2	16.4	10.4
Pousat	62.2	77.3	70.0	77.1	15.1	7.1
Ratanak Kiri	23.5	44.6	27.1	45.9	21.1	18.8
Siem Reab	48.2	71.2	52.7	68.7	23.1	16.0
Krong Preah Sihanouk	64.1	80.7	70.0	80.4	16.5	10.5
Stueng Traeng	48.4	60.4	54.6	61.5	12.0	6.9
Svay Rieng	67.1	80.1	72.2	78.7	12.9	6.5
Takaev	60.5	78.9	66.5	77.4	18.4	10.9
Otdar Mean Chey	41.1	65.5	46.5	63.8	24.4	17.3
Krong Kaeb	54.1	75.4	60.0	72.8	21.3	12.9
Krong Pailin	64.0	74.9	72.7	75.5	10.8	2.9

Note: The denominator excludes "literacy not reported."



Adult literacy rate (ALR) has also shown same tendency as general literacy rate as shown in Table 2.13 and Figure 2.12. All provinces showed rise in ALRs during the decade. Particularly, the provinces of Mondul Kiri, Ratanak Kiri, Siem Reab and Otdar Mean Chey have rise in ALR by 16% or more, although ALRs in these provinces are still low. The highest rate is recorded in Phnom Penh (93.2%), and the lowest is in Ratanak Kiri (45.9%) in 2008. It is clear that Phnom Penh is by far the highest both for GLR and ALR among all the provinces.

Table 2.14 shows the ranking of province by the level of GLR and ALR. The ranking position of the province for GLR and ALR changed except the top and the bottom during the period for 1998 and 2008.

The following Map 1 presents adult literacy rate by province. The high adult literacy rates are found in Phnom Penh and surrounding provinces located in the west part of Cambodia