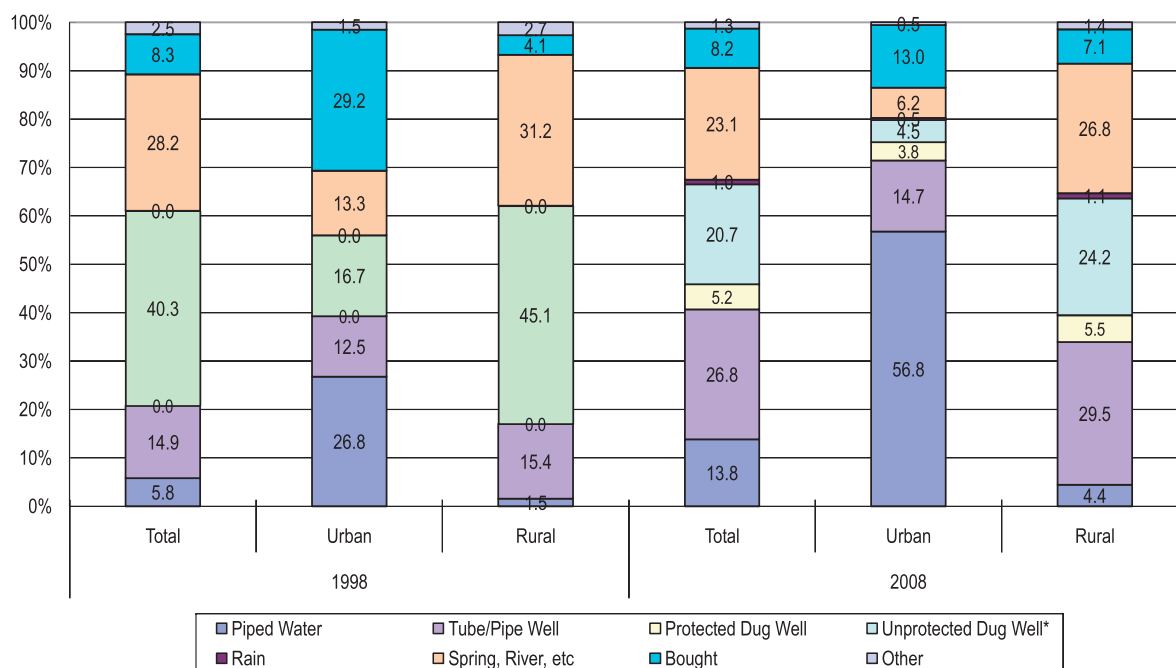


Figure 2.8 Main Source of Drinking Water : Urban/Rural, 1998 and 2008



2.5.2 Location of Main Source of Drinking Water

‘Location of water source’ is a new question applied in the 2008 Census. Three categories were prepared for this question. Those are ‘Within the premises’, ‘Near the premises’ and ‘Away’. ‘Within the premises’ includes the availability of Piped Water in the house, Tube/Pipe Well and Protected or Unprotected Well in the site of the building, Rain water and Bought water. ‘Near the premises’ includes the presence of Tube/Pipe Well, Protected or Unprotected Well, Springs, Rivers, Lake, Pond, etc, in the perimeter of village or commune — meaning within 5 minutes of walk to the water source. ‘Away’ from the premises means more than five minutes of walk to the water source.

Over one third of Cambodian households and two thirds of the Cambodian urban households have drinking water source within their premises. But in the rural areas, its proportion is only 29.4 percent. The proportion of the location of drinking water source varies by the type of water source. When a water source is ‘Piped Water’, 81 percent of households have it within their premises, but in most case of others, the proportion decrease to 30-40 percent (see Figure 2.9a, 2.9b and 2.9c).

On the other hand, in the case of a spring or a river, a water source is ‘Away’ from the half of households. In rural area, not to mention about spring or river (‘Away’ is more than 50 percent), even an ‘Unprotected Dug Well’ is ‘Away’ from their premises for one third of households.

To fetch the water from water source in ‘Away’ is a hard work, especially for a big household. Figure 2.10 shows the location of drinking water by the household size.

Figure 2.9a Location of Water Source by Main Source of Drinking Water:
Cambodia Total, 2008

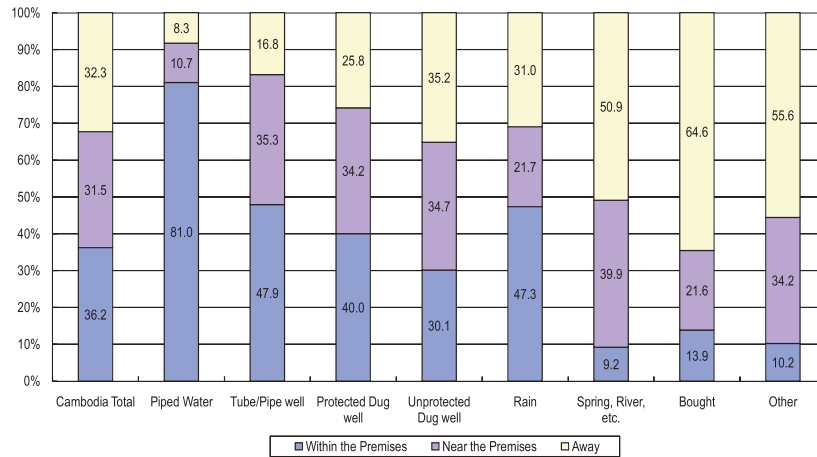


Figure 2.9b Location of Water Source by Main Source of Drinking Water:
Cambodia Urban, 2008

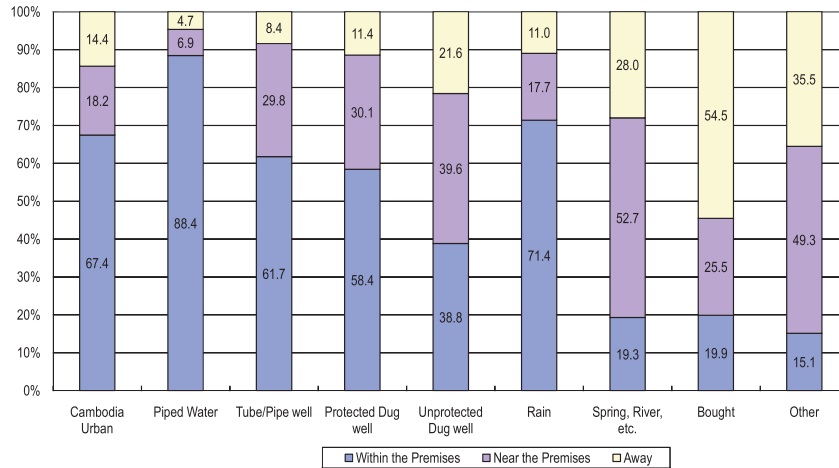
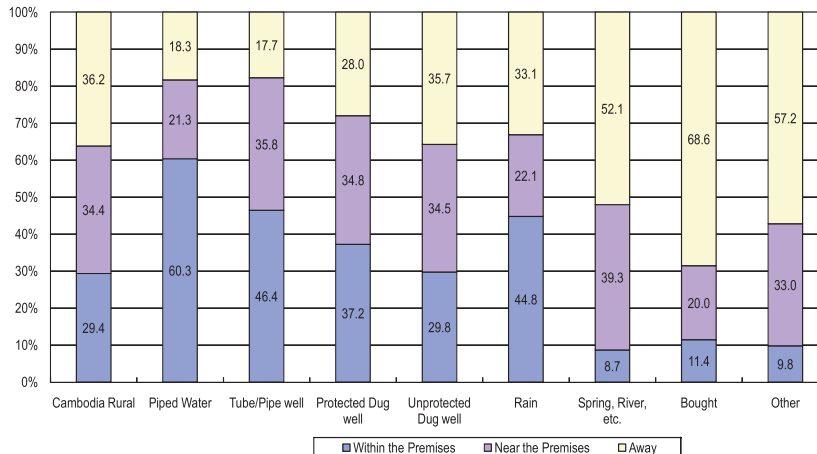
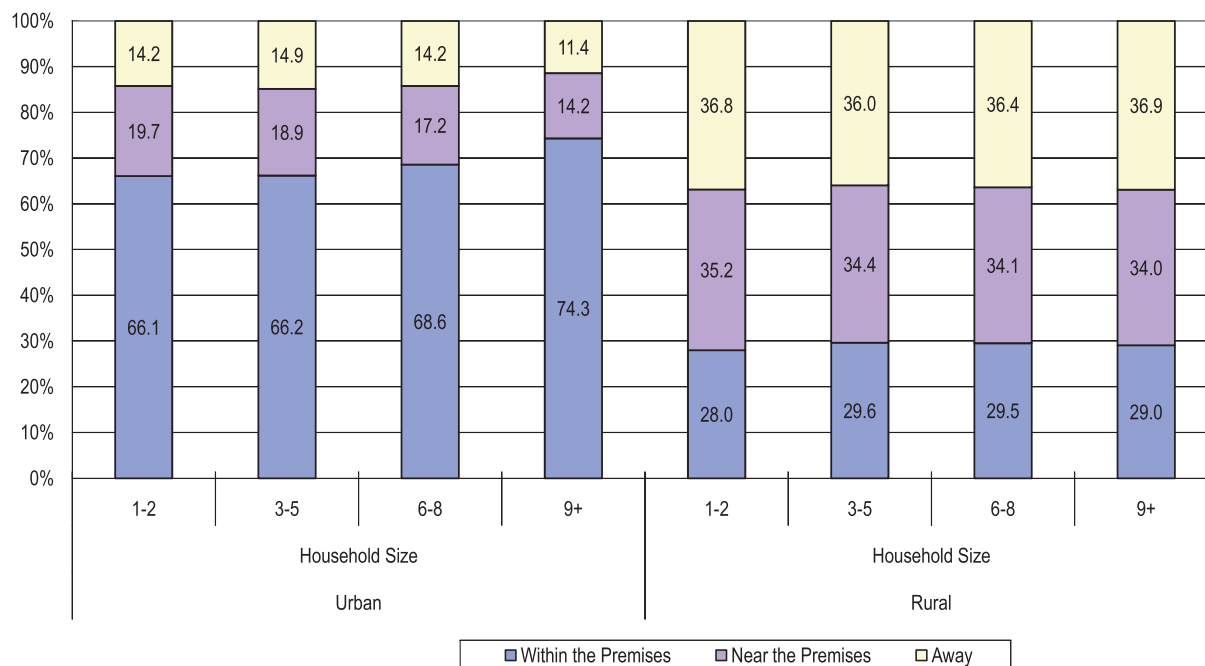


Figure 2.9c Location of Water Source by Main Source of Drinking Water:
Cambodia Rural, 2008



We cannot recognize the relation between ‘Location of Drinking Water’ and household size. Whether household size is big or small, the proportion of the location of drinking water shows nearly same value and it depends on the region a household lives in. To provide drinking water to each household in their premises or near their premises is usually beyond each household's effort.

Figure 2.10 Location of Drinking Water Source by Household Size: Urban/Rural, 2008



The provincial discrepancies in main source of drinking water and its location are very big (Table 2.10). The proportion of ‘Piped Water’ in Phnom Penh is 80 percent, but the proportions in most of other provinces are below 10 percent with some exceptions. A similar situation is observed in ‘Tube/Piped Well’ though weaker than ‘Piped Water’. This proportion is remarkably high in Prey Veng and Svay Rieng. These three provinces have the high proportion of households having water source within premises.

On the other hand, 60 percent of households in Kampong Thom province depend on ‘Unprotected Dug Well’. And 60 percent of Stung Treng and 50 percent of Banteay Meanchey depend on ‘Spring, River etc.’

The proportions of households whose premises are ‘Away’ from water source are varying from less than 10 percent (Svay Rieng and Phnom Penh) to more than 60 percent (Otdar Meanchey).

Table 2.10. Distribution of Households by Main Source of Drinking Water and Location of Drinking Water: Province, 2008

	Total Number of Households	Percentage										
		Main Source of Drinking Water						Location of Drinking Water				
		Piped Water	Tube/Pipe Well	Protected Dug Well	Unprotected Dug Well	Rain	Spring, River, etc.	Bought	Other	Within Premises	Near Premises	Away
Total	100.0	13.8	26.8	5.2	20.7	1.0	23.1	8.2	1.3	36.2	31.5	32.3
Urban	100.0	56.8	14.7	3.8	4.5	0.5	6.2	13.0	0.5	67.4	18.2	14.4
Rural	100.0	4.4	29.5	5.5	24.2	1.1	26.8	7.1	1.4	29.4	34.4	36.2
Province												
Banteay MeanChey	100.0	9.0	13.8	2.8	8.6	2.4	50.5	10.9	1.9	25.1	26.1	48.8
Battambang	100.0	8.5	16.3	3.7	21.3	3.5	33.1	11.7	1.8	23.4	40.7	35.9
Kampong Cham	100.0	6.8	24.1	7.1	38.0	0.5	8.3	13.7	1.5	36.5	33.7	29.8
Kampong Chhnang	100.0	2.7	34.2	5.7	33.3	0.5	19.3	1.9	2.4	35.1	36.2	28.7
Kampong Spueu	100.0	5.3	26.0	7.2	13.4	0.6	39.3	7.6	0.5	13.6	35.6	50.8
Kampong Thom	100.0	4.2	9.9	8.4	59.9	0.5	14.8	0.5	1.9	38.4	33.1	28.5
Kampot	100.0	7.9	10.1	5.2	29.7	0.8	42.9	2.7	0.6	21.9	31.7	46.3
Kandal	100.0	13.9	20.5	3.7	5.3	0.8	37.3	17.8	0.6	28.8	40.3	31.0
Koh Kong	100.0	17.9	4.6	11.1	38.3	1.0	6.1	20.6	0.4	29.9	29.6	40.5
Kratie	100.0	14.8	18.6	4.0	23.4	0.3	23.1	15.6	0.2	21.9	37.0	41.1
Mondul Kiri	100.0	2.0	21.8	19.1	18.0	0.0	36.3	2.2	0.6	18.3	26.4	55.3
Phnom Penh	100.0	80.0	3.6	1.1	0.5	0.3	2.7	11.7	0.1	80.4	10.1	9.5
Preah Vihear	100.0	1.7	38.4	5.8	29.5	0.1	20.2	3.6	0.6	15.0	32.5	52.5
Prey Veng	100.0	5.9	77.5	1.7	3.2	0.7	8.5	1.2	1.3	54.0	32.6	13.4
Pursat	100.0	6.2	9.1	7.4	32.1	0.7	37.4	5.5	1.7	20.9	36.3	42.8
Ratanak Kikri	100.0	2.8	15.9	16.4	14.7	0.1	46.3	3.2	0.7	19.2	38.9	41.9
Siem Reap	100.0	5.7	38.6	7.9	33.6	0.3	9.9	1.5	2.5	39.3	27.1	33.6
Preah Sihanouk	100.0	19.6	11.0	17.8	30.6	0.5	5.1	14.4	0.9	37.3	28.6	34.2
Stung Treng	100.0	9.4	16.3	5.1	7.4	0.1	59.8	1.1	0.9	15.4	48.3	36.3
Svay Rieng	100.0	4.7	85.8	2.1	3.2	0.5	1.0	0.1	2.6	64.9	27.7	7.4
Takeo	100.0	4.4	25.1	5.0	19.3	1.6	40.8	2.9	0.9	22.4	31.5	46.1
Otdar Meanchey	100.0	5.0	29.2	6.6	13.4	0.9	35.7	7.5	1.7	13.3	23.4	63.2
Kep	100.0	0.3	9.4	8.3	38.0	2.9	37.4	3.5	0.1	15.4	31.4	53.2
Pailin	100.0	8.2	9.8	1.6	4.9	5.9	37.8	29.8	2.0	28.0	32.8	39.2

Note: Excludes Institutional Homeless Boat and Transient Households.