

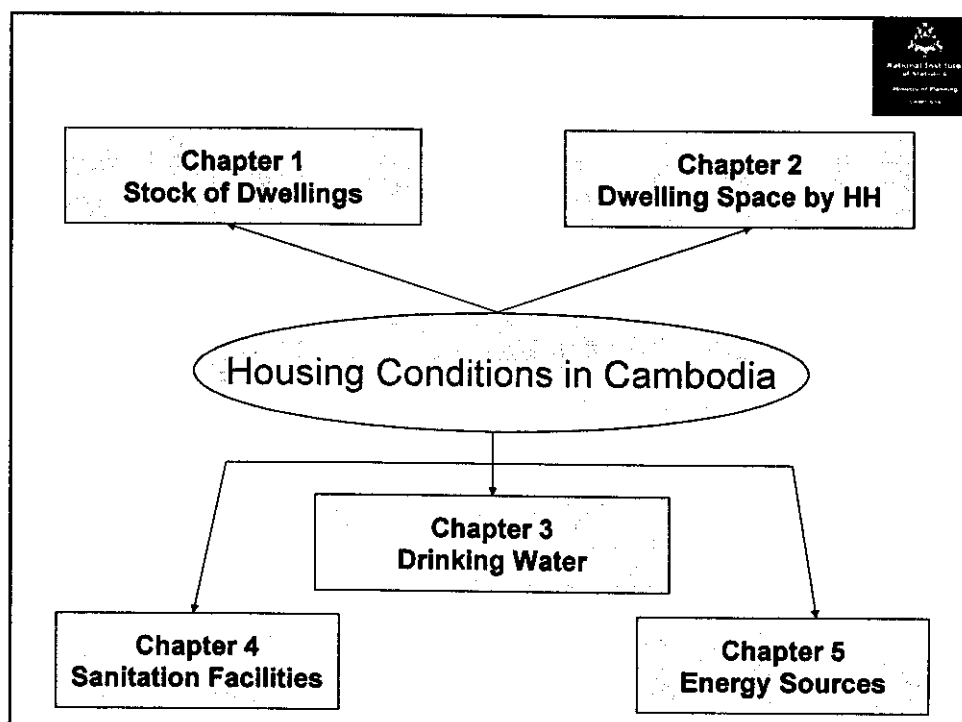
**Workshop on Final Report of CSES
2003-04
15 Months Data**



**HOUSING CONDITIONS IN
CAMBODIA**

Royal Government of Cambodia
Ministry of Planning
National Institute of Statistics

Presented by: Tith Vong
Comments by: M of LMUC
16-17/ June/ 2005 / Phnom Penh Hotel



Chapter 1
Stock of Dwellings / 2003-04



1. Number of Dwellings (occupied/vacant)

Description	Cambodia		Phnom Penh		Other Urban		Rural	
	No	%	No	%	No	%	No	%
Occupied	86,437	97.0	10,242	91.6	21,207	96.4	54,988	98.2
Vacant	2,707	3.0	934	8.4	792	3.6	981	1.8
Total	89,144	100.0	11,176	100.0	21,999	100.0	55,969	100.0

2. Number of Households residing in the housing units

Percentage of Households residing in the housing units

No of HHs	Cambodia		Phnom Penh		Other Urban		Rural	
	N in 1000s	%	N in 1000s	%	N in 1000s	%	N in 1000s	%
1hh	2,416	92.9	189	91.1	243	91.2	1,984	93.2
2-3hh	173	6.6	16	7.6	20	7.6	137	6.4
4hh- more	13	0.5	3	1.2	3	1.2	7	0.3
Total	2,602	100.0	207	100.0	267	100.0	2,128	100.0

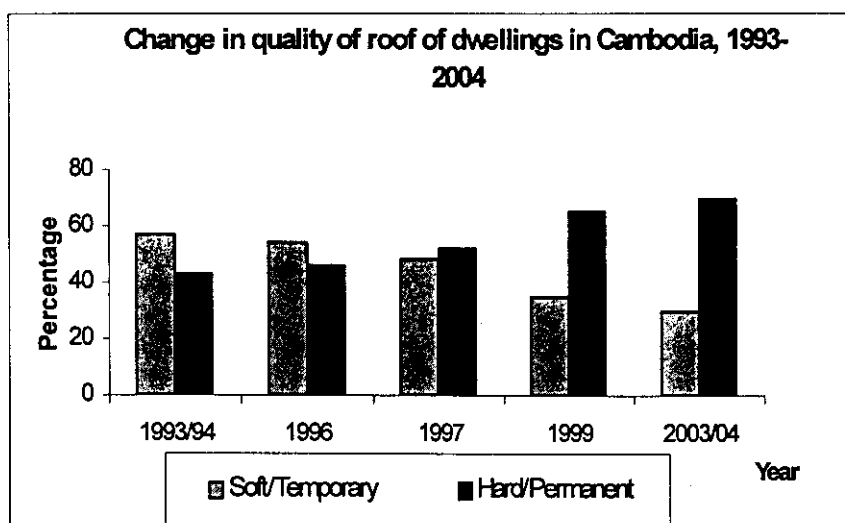
surprisingly identical?

3. Building Materials of Dwellings (roof, wall, floor)

Percentage Distribution of Households by Kind of Roof Materials

Roof Materials	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Hard/Permanent Materials	71.1	98.2	81.2	67.2
<i>Tiles</i>	27.6	11.3	18.9	30.2
<i>Fibrous Cement</i>	4.9	10.1	6.3	4.3
<i>Galvanized Iron</i>	34.5	48.8	51.4	31.0
<i>Mixed, predo. hard/Permanent</i>	1.0	0.9	1.7	1.0
<i>Concrete</i>	3.1	27.2	3.0	0.8
Soft/Temporary Materials	28.9	1.8	18.8	32.8
<i>Thatch</i>	21.5	0.9	16.2	24.2
<i>Salvaged Materials</i>	0.2	0.1	0.4	0.2
<i>Mixed, predo. soft/Temporary</i>	0.6	0.2	0.2	0.6
<i>Plastic Sheet</i>	0.1	0.2	0.0	0.1
<i>Other</i>	6.5	0.4	2.1	7.7
Totals	100.0	100.0	100.0	100.0
Number of households, 1000s	2,602	207	267	2,128

Roof Materials continued

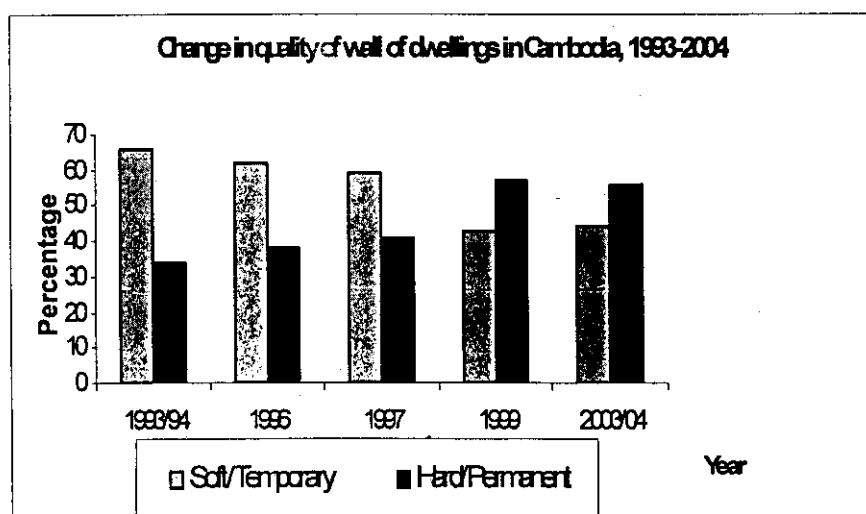


Percentage Distribution of Households by Kind of Wall Materials



Wall Materials	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Hard/Permanent Materials	54.6	96.4	71.8	48.4
Wood or Logs	25.0	13.8	34.2	24.9
Plywood	19.7	24.9	22.2	18.9
Concrete, Brick, Stone	7.6	54.5	11.5	2.6
Galvanized Iron/Aluminum	2.2	2.9	3.6	1.9
Fibrous Cement	0.2	0.4	0.3	0.1
Soft/Temporary Materials	45.4	3.6	28.2	51.6
Bamboo, Thatch	28.0	1.4	18.4	31.8
Makeshift, Salvaged Materials	1.4	1.8	1.0	1.4
Other	16.0	0.4	8.8	18.4
Totals	100.0	100.0	100.0	100.0
Number of hhs, 1000s	2,602	207	267	2,128

Wall Materials continued



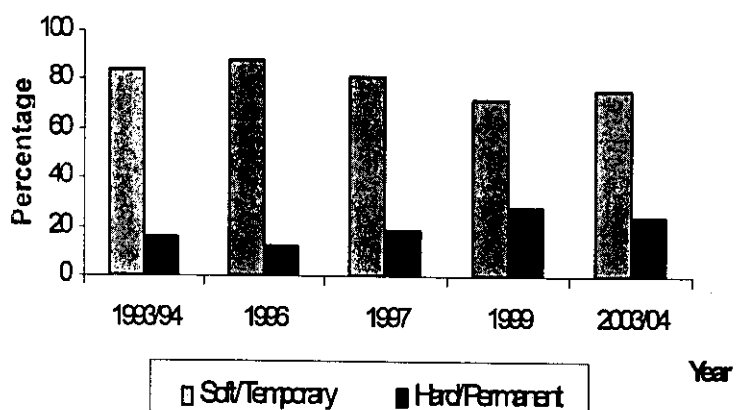
Floor Materials

Percentage Distribution of Households by Kind of Floor Materials

Floor Materials	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Hard/Permanent Materials	19.2	78.1	30.3	12.1
Cement	4.6	15.0	7.8	3.2
Parquet, Polished Wood	9.1	17.4	13.0	7.8
Polished Stone Marble	0.1	0.6	0.2	0.0
Vinyl	0.0	0.4	0.1	0.0
Ceramic Tiles	5.4	44.7	9.3	1.0
Soft/Temporary Materials	80.8	21.9	69.7	87.9
Earth/Clay	7.5	4.1	7.3	7.9
Wooden Planks, Bamboo	71.8	15.7	60.8	78.6
Other	1.5	2.1	1.6	1.4
Total	100.0	100.0	100.0	100.0
Number of hhs, 1000s	2,602	207	267	2,128

Floor Materials continued

Change in quality of floor of dwellings in Cambodia, 1993-2004



4. Legal Status of Dwelling



Legal Status by Households

Legal Status	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
<i>Owned by households</i>	94.8	83.8	92.5	96.2
<i>Not owned but no rent is paid</i>	3.6	6.5	4.6	3.2
<i>Rented</i>	1.3	9.5	2.7	0.3
<i>Other</i>	0.2	0.2	0.1	0.2
Total	100.0	100.0	100.0	100.0

5. Value of Dwellings



Purchase Price

Average Value of Dwellings

Stratum	Average Value of dwellings in riels	Number of households, 1000s	Percent
Cambodia	13,563,083	2,412	100.0
<i>Phnom Penh</i>	105,845,657	162	7.0
<i>Other Urban</i>	14,911,088	241	10.0
<i>Rural</i>	5,955,752	2,008	83.0

Average Expenditure on HH Construction Activities



Item	Construction and Extension	Repair	Total Construction
Average Expenditure (riels)	4,832,000	756,000	5,588,000
Total Value (riels)	325,158,441,000	99,067,000	325,257,510,000
Number of Households	67000	124000	191000
Number of Households in Sample	384	711	1095
Percentage	2.8	5.1	8.0

Chapter 2

Dwelling Space by Household / 2003-04



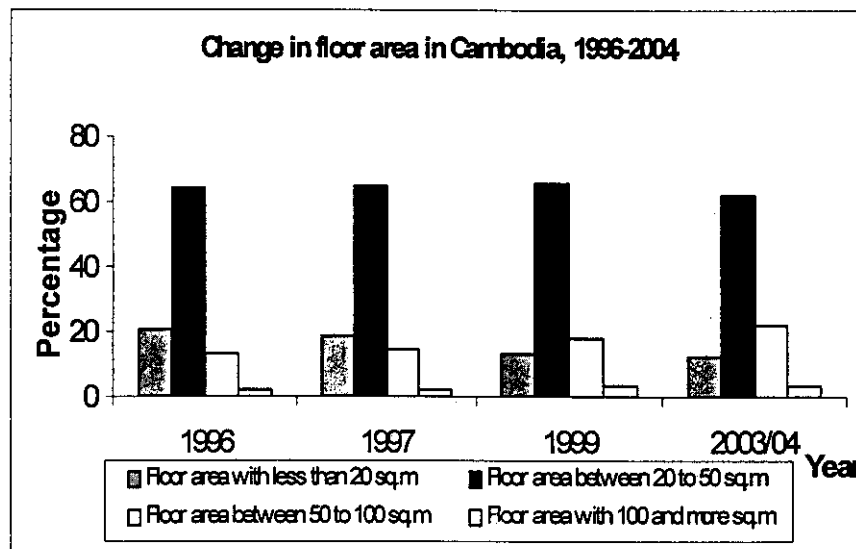
1. Floor Area of Dwelling

Floor Area of Occupied in Housing Units

Floor area in square meters	All Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
00-09	1.0	1.3	0.4	1.1
10-19	11.3	8.0	10.7	11.7
20-29	22.9	13.9	20.9	24.0
30-39	21.0	14.1	19.4	21.9
40-49	17.9	17.1	14.3	18.4
50-74	16.5	20.1	17.6	16.0
75-99	5.7	10.9	9.2	4.7
100-149	2.5	8.7	5.2	1.5
150+	1.2	6.0	2.3	0.6
Total	100.0	100.0	100.0	100.0
Average area Sq. meters	42.0	64.3	48.8	39.0

m² / per person?
(think he said
two but not
here)

Floor Area of Dwelling continued



2. Square Meters per Person



Floor Area of Occupied per Person

Cambodia	Phnom Penh	Other Urban	Rural
8.5	12.3	9.6	7.9

3. Numbers of Rooms in Dwelling



Numbers of Rooms in Dwelling

Numbers of Rooms	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
<i>One Room</i>	75.0	44.0	61.8	79.6
<i>Two Rooms</i>	19.0	31.4	25.6	16.9
<i>Three Rooms</i>	4.2	13.8	8.2	2.7
<i>Four Rooms</i>	1.2	5.8	3.0	0.5
<i>Five Rooms and More</i>	0.7	5.0	1.4	0.2
Average number of rooms	1.3	2.0	1.6	1.2

4. Number of Persons per Room



Number of Persons per Room

Cambodia	Phnom Penh	Other Urban	Rural
3.7	2.6	3.2	4.0

Chapter 3: Drinking Water

1. Main Source of Drinking Water (wet and dry season)



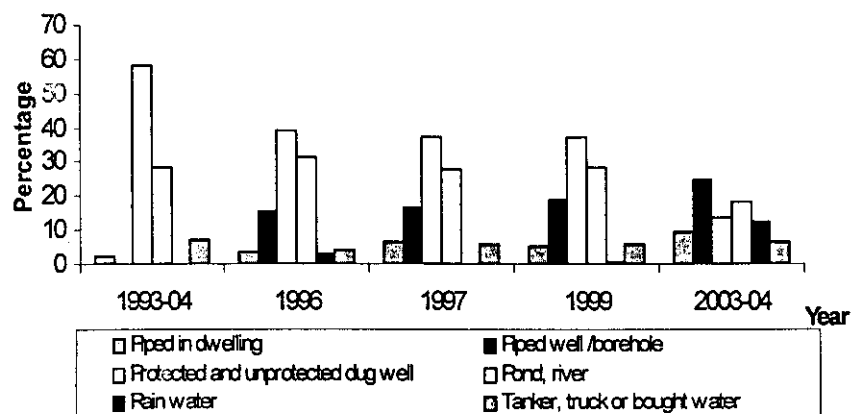
Water Source	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Wet Season				
Piped in dwelling	9.3	79.7	19.0	1.3
Public tap	0.2	-	0.2	0.2
Tube/piped well or borehole	22.7	5.1	24.2	24.2
Protected dug well	15.2	1.1	14.5	16.7
Unprotected dug well	10.2	0.6	5.6	11.7
Pond, river or stream	14.6	1.2	10.9	16.4
Rainwater	23.2	2.9	18.7	25.8
Tanker truck, vendor	4.0	9.2	6.8	3.2
Other	0.5	0.1	0.0	0.6
Total	100.0	100.0	100.0	100.0
Dry Season				
Piped in dwelling	10.0	81.3	21.2	1.7
Public tap	0.2	0.1	0.2	0.3
Tube/piped well or borehole	27.1	5.1	27.8	29.2
Protected dug well	17.7	1.0	16.2	19.5
Unprotected dug well	11.5	0.6	6.0	13.6
Pond, river or stream	22.5	1.2	13.6	25.7
Rainwater	1.3	0.6	1.2	1.4
Tanker truck, vendor	8.6	9.8	13.8	7.8
Other	0.8	0.4	0.2	0.9
Total	100.0	100.0	100.0	100.0

unprotected

Drinking Water continued



Change in main sources of drinking water in Cambodia
1993-2004



Jan Willem: coverage figures in M.I. CIPS very different
 eg. 33.3 % of 63.4%

Seems mainly in figs in "protected dug wells"
 + CIPS don't include private handpumps

18% if 2% rural

Access to Safe Water Source

- In Year 1996 = 29.1 %
- In Year 1997 = 29.9 %
- In Year 1999 = 48.2 %
- In Year 2004 = 63.4 %

Rapid Increase from Year 1996 to 2004

what's source for
1996?

Thought that one
was discredited

2. Treatment of Water for Drinking

Percentage Distribution of Households Boiling or Treating Drinking Water

Treatment Facilities	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Always	52.4	89.6	65.8	47.1
Sometime	15.0	5.5	12.2	16.3
Never	32.6	4.9	22.0	36.7
Total	100.0	100.0	100.0	100.0

Strata	Type of Treatment				
	Boiling (%)	Filtering (%)	Using Chemical (%)	Using White Alum (%)	Using Other method (%)
Cambodia	96.0	2.4	0.7	2.0	1.0
Phnom Penh	94.3	1.5	0.6	0.9	4.3
Other Urban	96.2	3.8	1.2	1.2	1.8
Rural	96.3	2.3	0.7	2.3	0.4

3. Who Fetches Water?



HH Member	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Wet Season				
Head of HH	57.4	54.1	53.4	57.9
Other Member	42.6	45.9	46.6	42.1
Total	100.0	100.0	100.0	100.0
Dry Season				
Head of HH	55.7	55.6	53.4	55.9
Other Member	44.3	44.4	46.6	44.1
Total	100.0	100.0	100.0	100.0

4. Distance to Fetch Drinking Water Sources (wet and dry sea



Distance to Fetch Water	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Wet Season				
Less than 0.25 Km	94.2	93.9	94.2	94.3
0.25 to 0.99 Km	3.3	1.4	2.0	3.5
1.00 to 1.99 Km	0.3		0.2	0.3
2.00 to 2.99 Km	0.1			0.1
3.00 to 3.99 Km	0.0			0.0
4.00 to 4.99 Km	-	-	0.0	0.0
5 Km and More	2.1	4.7	3.6	1.8
Total	100.0	100.0	100.0	100.0
Dry Season				
Less than 0.25 Km	87.0	89.8	91.1	86.5
0.25 to 0.99 Km	7.8	5.7	4.0	8.2
1.00 to 1.99 Km	2.0		0.8	2.2
2.00 to 2.99 Km	0.3		0.1	0.4
3.00 to 3.99 Km	0.3			0.3
4.00 to 4.99 Km	0.1			0.1
5 Km and More	2.5	4.5	4.1	2.3
Total	100.0	100.0	100.0	100.0

5. Time Use for Fetching Water (wet and dry season)



Time Use to Fetch Water	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Wet Season				
Less than 30 minutes	91.1	84.3	91.4	91.3
30 - 60 minutes	3.3	1.5	2.6	3.4
60 - 120 minutes	2.9	5.9	2.0	2.9
120 minutes and more	2.7	8.3	3.9	2.4
Total	100.0	100.0	100.0	100.0
Dry Season				
Less than 30 minutes	85.5	84.7	87.5	85.3
30 - 60 minutes	8.9	3.0	6.6	9.2
60 - 120 minutes	1.9	5.0	1.3	1.9
120 minutes and more	3.7	7.3	4.6	3.6
Total	100.0	100.0	100.0	100.0

6. Monthly Cash Expenditure on Water



Percentage Distribution of Households Spend on Water

Water Expenditure	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
No expenditure	78.8	9.2	62.4	87.7
Expenditure >0	21.2	90.8	37.6	12.3
Total	100.0	100.0	100.0	100.0
Less than 4,000 riels	81.7	12.1	65.9	90.5
4,000 to 20,000 riels	12.3	46.6	23.0	7.6
20,000 to 40,000 riels	4.4	29.3	8.5	1.5
40,000 riels and more	1.6	12.0	2.6	0.4
Total	100.0	100.0	100.0	100.0

Chapter 4 Sanitation Facilities



1. Toilet Facilities of Dwelling

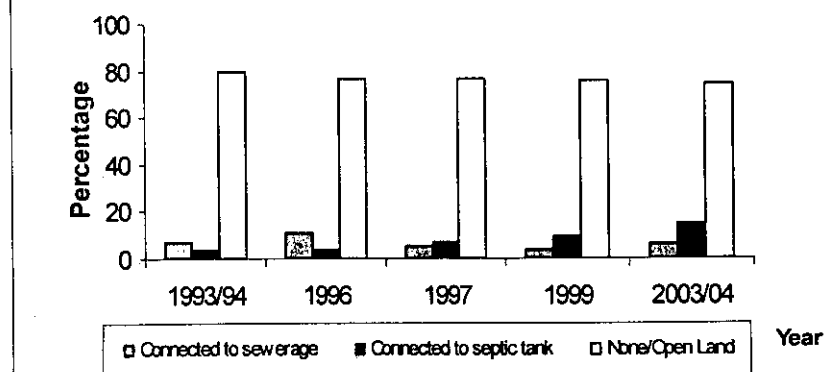
Percentage Distribution of Households by Toilet Facilities

Type of Facilities	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Connected to sewerage	5.7	59.9	5.2	0.5
Septic tank	14.8	29.8	36.8	10.6
Pit latrine	2.3	0.8	3.4	2.3
Other without septic tank	1.7	0.8	1.9	1.8
Public toilet	0.3	0.5	0.4	0.3
Shared toilet	0.9	2.4	2.6	0.5
Open land	41.7	3.2	23.0	47.8
None	32.1	2.6	26.1	35.7
Other	0.4	0.1	0.6	0.4
Total	100.0	100.0	100.0	100.0

Toilet Facilities continued



Change in Toilet Facilities of Dwellings in Cambodia
1993-2004



2. Monthly Cash Expenditure for Sewage

Percentage Distribution of Households Spend on
Sewage or Waste Water Disposal



Sewage Expenditure	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Spend nothing on sewage	97.5	71.0	98.7	99.9
Spend on sewage, >0 riels	2.5	29.0	1.3	0.1
Total	100.0	100.0	100.0	100.0
Less than 4,000 riels	99.6	95.9	99.6	100.0
4,000 to 8,000 riels	0.2	2.6	0.2	0.0
8,000 riels and More	0.2	1.6	0.3	0.0
Total	100.0	100.0	100.0	100.0

3. Monthly Cash Expenditure for Garbage

Percentage Distribution of Households Spend on Garbage Collection



Garbage Expenditure	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Spend nothing on Garbage	94.4	40.2	94.3	99.7
Spend on Garbage >0 riels	5.6	59.8	5.7	0.3
Total	100.0	100.0	100.0	100.0
Less than 4,000 riels per month	99.2	93.2	97.9	100.0
4,000 to 8,000 riels per month	0.3	1.3	1.6	0.0
8,000 riels and more per month	0.5	5.5	0.4	0.0
Total	100.0	100.0	100.0	100.0

Chapter 5 Energy Source for Lighting and Cooking



1. Energy Source for Lighting

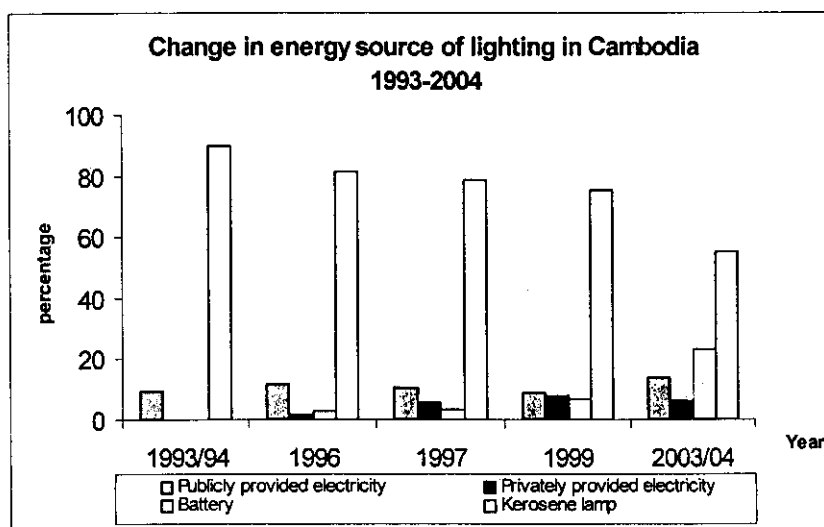
Percentage Distribution of Households Using
Main Source of Lighting

Source of Lighting	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Publicly-provided electricity	12.8	84.1	40.0	2.5
Privately-generated electricity	6.5	11.7	10.8	5.4
Battery	24.3	1.6	10.7	28.3
Kerosene lamp	55.2	1.8	37.5	62.7
None	0.0	0.1	0.1	0.0
Other	1.1	0.8	1.0	1.2
Total	100.0	100.0	100.0	100.0

Q: why do 16% of PHN residents not access public electricity?

A: not (so much / irregularly) Y, just 3 Districts where public supply poor

Energy Source for Lighting continued

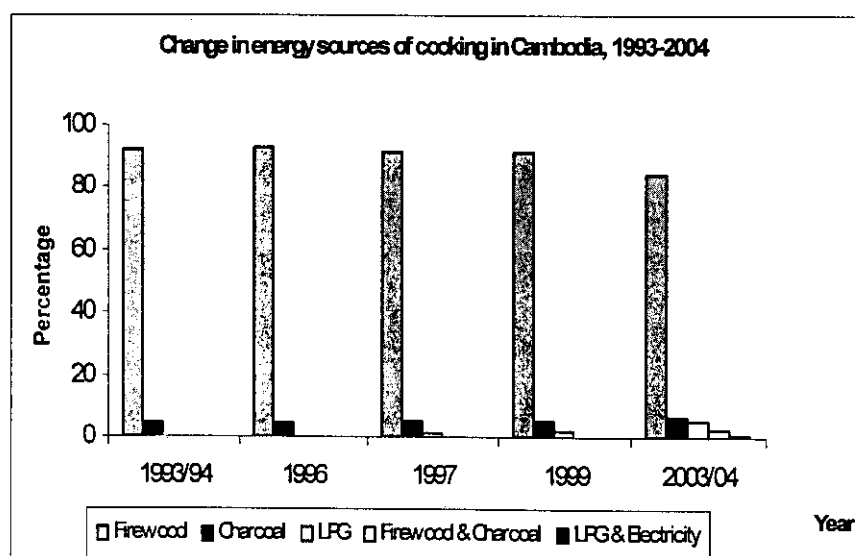


2. Energy Source for Cooking

Percentage Distribution of Households by Type of Fuel for Cooking

Type of Fuel	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
Firewood	84.8	13.8	63.1	94.4
Charcoal	6.2	24.4	20.0	2.6
Firewood and Charcoal	2.1	7.4	5.4	1.1
Liquefied petroleum gas	5.2	48.1	7.7	0.7
Kerosene	0.1	0.4	0.0	0.0
Public electricity	0.1	0.9	0.3	0.0
Gas and electricity	0.6	4.6	1.1	0.1
Private electricity	0.0	-	0.1	0.0
None/don't cook	0.0	0.0	-	0.1
Other	0.9	0.4	2.3	0.8
Total	100.0	100.0	100.0	100.0

Energy Source for Cooking continued



3. Monthly Cash Expenditure for Energy (Electricity)

Distribution of Households Spend on Electricity

Electricity Expenditure	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
No expenditure	81.3	5.7	49.9	92.6
Expenditure >0 riels	18.7	94.3	50.1	7.4
Total	100.0	100.0	100.0	100.0
<i>Less than 4,000 riels</i>	81.9	7.3	51.5	93.0
<i>4,000 to 20,000 riels</i>	7.0	25.5	19.4	3.7
<i>20,000 to 40,000 riels</i>	5.5	26.6	17.0	2.1
<i>40,000 riels and More</i>	5.5	40.7	12.1	1.3
Total	100.0	100.0	100.0	100.0

4. Who Fetches Firewood/Charcoal?

Percentage of HH Member who Fetches Firewood/Charcoal

HH Member	Cambodia (%)	Phnom Penh (%)	Other Urban (%)	Rural (%)
<i>Head of HH</i>	59.1	34.5	53.1	60.9
<i>Other Member</i>	40.9	65.5	46.9	39.1
Total	100.0	100.0	100.0	100.0

5. Time Use for Fetching Firewood/Charcoal



Time Use for Fetching Firewood/Charcoal

<i>Time Use to Fetch Firewood/Charcoal</i>	<i>Cambodia (%)</i>	<i>Phnom Penh (%)</i>	<i>Other Urban (%)</i>	<i>Rural (%)</i>
<i>One hour</i>	31.8	62.2	50.0	28.9
<i>Two hours</i>	13.6	2.6	11.2	14.3
<i>Three hours</i>	11.0	1.6	5.5	11.9
<i>Four hours</i>	7.5	7.5	5.4	7.7
<i>5 hours and more</i>	36.1	26.2	28.0	37.3
Total	100	100	100	100

Some Housing Indicators
for
5 zones and Selected
Provinces
in
Cambodia



Stock of Dwellings
Table 1.1



Number of Dwellings	Number of Dwellings (Occupied)	Number of Dwelling (Vacant)	Percentage of Dwellings (Vacant)
Phnom Penh	10,242	934	8.4
All Plain Provinces	32,978	572	1.7
Kampong Cham	10,636	207	1.9
Kandal	6,956	127	1.8
Prey Veang	6,769	117	1.7
Svay Rieng	3,092	43	1.4
Takeo	5,525	78	1.4
All Ton Le Sap provinces	25,315	785	3.0
Banteay Meanchey	4,609	140	2.9
Battambang	5,924	191	3.1
Kampong Thum	4,056	88	2.1
Siem Reap	5,014	240	4.6
Other Ton Le Sap provinces	5,712	126	2.2
All coastal provinces	8,219	128	1.5
Other plateau/mountain provinces	9,683	288	2.9
Kampong Speu	3,647	46	1.2
All plateau/mountain provinces	8,036	242	3.9
All Cambodia	88,437	2707	3.0

Table 1.2



Roof Materials	Hard/Permanent Materials	Soft/Temporary Materials
Phnom Penh	98.2	1.8
All Plain Provinces	73.6	26.4
Kampong Cham	69.4	30.6
Kandal	82.6	17.4
Prey Veang	68.8	31.2
Svay Rieng	63.9	36.1
Takeo	82.6	17.4
All Ton Le Sap provinces	63.8	36.2
Banteay Meanchey	67.1	32.9
Battambang	77.2	22.8
Kampong Thum	59.7	40.3
Siem Reap	55.7	44.3
Other Ton Le Sap provinces	58.3	41.7
All coastal provinces	76.2	23.8
Other plateau/mountain provinces	57.7	42.3
Kampong Speu	63.3	36.7
All plateau/mountain provinces	52.3	47.7
All Cambodia	71.1	28.9

Table 1.3

Outer Wall Materials	Hard/Permanent Materials	Soft/Temporary Materials
<i>Phnom Penh</i>	96.4	3.6
<i>All Plain Provinces</i>	47.5	52.5
Kampong Cham	53.7	46.3
Kandal	57.4	42.6
Prey Veang	31.8	68.2
Svay Rieng	22.0	78.0
Takeo	57.7	42.3
<i>All Ton Le Sap provinces</i>	50.4	49.6
Banteay Meanchey	54.3	45.7
Battambang	52.6	47.4
Kampong Thum	50.8	49.2
Siem Reap	47.1	52.9
Other Ton Le Sap provinces	47.8	52.2
<i>All coastal provinces</i>	66.3	33.7
Other plateau/mountain provinces	56.8	43.2
Kampong Speu	58.1	41.9
<i>All plateau/mountain provinces</i>	55.5	44.5
<i>All Cambodia</i>	54.6	45.4

Table 1.4

Floor Materials	Hard/Permanent Materials	Soft/Temporary Materials
<i>Phnom Penh</i>	78.1	21.9
<i>All Plain Provinces</i>	9.2	90.8
Kampong Cham	5.0	95.0
Kandal	18.5	81.5
Prey Veang	2.7	97.3
Svay Rieng	6.7	93.3
Takeo	15.0	85.0
<i>All Ton Le Sap provinces</i>	17.0	83.0
Banteay Meanchey	20.2	79.8
Battambang	25.2	74.8
Kampong Thum	10.8	89.2
Siem Reap	14.1	85.9
Other Ton Le Sap provinces	14.0	86.0
<i>All coastal provinces</i>	31.7	68.3
Other plateau/mountain provinces	14.7	85.3
Kampong Speu	15.3	84.7
<i>All plateau/mountain provinces</i>	14.2	85.8
<i>All Cambodia</i>	19.2	80.8

Legal Status of Dwellings	Owned by Households	Not Owned but no rent is paid	Rented	Other
<i>Phnom Penh</i>	<i>83.8</i>	<i>6.5</i>	<i>9.5</i>	<i>0.2</i>
<i>All Plain Provinces</i>	<i>96.1</i>	<i>3.5</i>	<i>0.2</i>	<i>0.2</i>
Kampong Cham	94.5	5.1	0.2	0.2
Kandal	96.2	2.9	0.6	0.4
Prey Veang	96.9	2.9	-	0.2
Svay Rieng	97.3	2.7	0.1	-
Takeo	97.3	2.4	0.1	0.2
<i>All Ton Le Sap provinces</i>	<i>94.9</i>	<i>3.9</i>	<i>1.0</i>	<i>0.2</i>
Banteay Meanchey	94.2	2.5	3.3	-
Battambang	89.5	9.1	1.1	0.3
Kampong Thum	97.4	2.3	-	0.3
Siem Reap	96.2	3.0	0.6	0.2
Other Ton Le Sap provinces	97.5	2.0	0.3	0.2
<i>All coastal provinces</i>	<i>95.1</i>	<i>3.1</i>	<i>1.5</i>	<i>0.3</i>
Other plateau/mountain provinces	97.6	1.5	0.7	0.3
Kampong Speu	98.8	0.7	0.2	0.4
<i>All plateau/mountain provinces</i>	<i>96.4</i>	<i>2.2</i>	<i>1.2</i>	<i>0.3</i>
<i>All Cambodia</i>	<i>94.8</i>	<i>3.6</i>	<i>1.3</i>	<i>0.2</i>

Dwelling Space and Room	Floor Area	Sq. Meters per Person	N. of Rooms in Dwelling	N. of Person per Room
<i>Phnom Penh</i>	<i>64.3</i>	<i>11.3</i>	<i>2.0</i>	<i>2.6</i>
<i>All Plain Provinces</i>	<i>39.9</i>	<i>8.2</i>	<i>1.3</i>	<i>3.8</i>
Kampong Cham	43.9	9.1	1.4	3.4
Kandal	41.1	7.7	1.3	4.2
Prey Veang	37.9	8.4	1.1	4.0
Svay Rieng	32.4	6.9	1.2	3.8
Takeo	37.1	7.5	1.3	3.8
<i>All Ton Le Sap provinces</i>	<i>39.5</i>	<i>7.8</i>	<i>1.3</i>	<i>4.0</i>
Banteay Meanchey	42.1	8.8	1.2	3.9
Battambang	34.3	6.8	1.3	4.0
Kampong Thum	39.3	7.6	1.2	4.4
Siem Reap	44.6	8.3	1.4	3.9
Other Ton Le Sap provinces	38.4	7.9	1.2	4.0
<i>All coastal provinces</i>	<i>38.4</i>	<i>7.8</i>	<i>1.3</i>	<i>3.7</i>
Other plateau/mountain provinces	46.0	7.9	1.4	4.0
Kampong Speu	32.7	6.6	1.2	4.5
<i>All plateau/mountain provinces</i>	<i>39.5</i>	<i>9.0</i>	<i>1.3</i>	<i>3.6</i>
<i>All Cambodia</i>	<i>42.0</i>	<i>8.0</i>	<i>1.3</i>	<i>3.9</i>

Drinking Water Table 3.1			
Water	Access to Safe Drinking Water (Wet season)	Access to Safe Drinking Water (Dry season)	Treatment of Drinking Water
<i>Phnom Penh</i>	88.4	87.5	95.0
<i>All Plain Provinces</i>	76.4	64.8	70.7
Kampong Cham	69.5	63.4	61.6
Kandal	66.2	40.2	65.8
Prey Veang	92.0	91.6	64.7
Svay Rieng	92.3	92.0	71.3
Takeo	73.9	49.3	76.2
<i>All Ton Le Sap provinces</i>	63.4	47.0	54.2
Banteay Meanchey	66.8	21.9	37.8
Battambang	67.2	40.7	64.6
Kampong Thum	60.6	61.2	59.0
Siem Reap	53.4	50.9	37.9
Other Ton Le Sap provinces	67.4	57.6	65.9
<i>All coastal provinces</i>	61.6	30.6	66.3
Other plateau/mountain provinces	59.1	41.2	70.1
Kampong Speu	68.6	44.4	68.7
<i>All plateau/mountain provinces</i>	50.0	38.1	71.4
<i>All Cambodia</i>	70.5	56.3	67.4

Sanitation Facilities Table 4.1	
Sanitation Facilities	Access to Improved Sanitation
<i>Phnom Penh</i>	90.0
<i>All Plain Provinces</i>	17.3
Kampong Cham	16.7
Kandal	27.4
Prey Veang	9.7
Svay Rieng	11.6
Takeo	18.2
<i>All Ton Le Sap provinces</i>	21.3
Banteay Meanchey	20.9
Battambang	41.6
Kampong Thum	18.6
Siem Reap	11.8
Other Ton Le Sap provinces	12.2
<i>All coastal provinces</i>	22.4
Other plateau/mountain provinces	15.5
Kampong Speu	11.7
<i>All plateau/mountain provinces</i>	19.1
<i>All Cambodia</i>	24.5

Energy Source for Lighting & Cooking			
Table 5.1			
Energy Sources	Access to Public Electricity of Lighting	Access to Firewood for Cooking	Access to Charcoal for Cooking
<i>Phnom Penh</i>	84.0	13.8	24.4
<i>All Plain Provinces</i>	5.0	94.1	1.8
Kampong Cham	4.9	95.9	1.7
Kandal	10.1	89.1	3.4
Prey Veang	2.9	96.6	0.7
Svay Rieng	3.9	95.6	0.4
Takeo	1.7	93.0	2.0
<i>All Ton Le Sap provinces</i>	7.9	87.7	7.1
Banteay Meanchey	7.4	78.4	15.8
Battambang	12.6	82.7	10.1
Kampong Thum	3.9	93.4	2.0
Siem Reap	9.9	91.1	3.8
Other Ton Le Sap provinces	5.2	92.1	4.2
<i>All coastal provinces</i>	12.7	80.6	12.9
Other plateau/mountain provinces	6.0	93.4	3.6
Kampong Speu	2.4	97.6	0.9
<i>All plateau/mountain provinces</i>	9.4	89.3	6.1
<i>All Cambodia</i>	12.8	84.8	6.2

**Thank You
for
Your Attention !**