



Workshop on Final Statistical Analysis  
of CSES 2003/04 Data (12 months data)  
Phnom Penh Hotel  
16-17 June 2005

## Household Possession of Durable Goods

Lay Chhan, NIS



### Information on Durable Goods Owned by Households Collected in CSES 2003/04

46 items grouped into 6 categories:

- Communication equipments
- Transport equipments
- Household equipments
- Furniture
- Recreation and computers
- Agricultural equipments

*what productive assets - um - missing?*

*SR*

### Communication Equipments by Stratum, in Percent CSES 2003/04



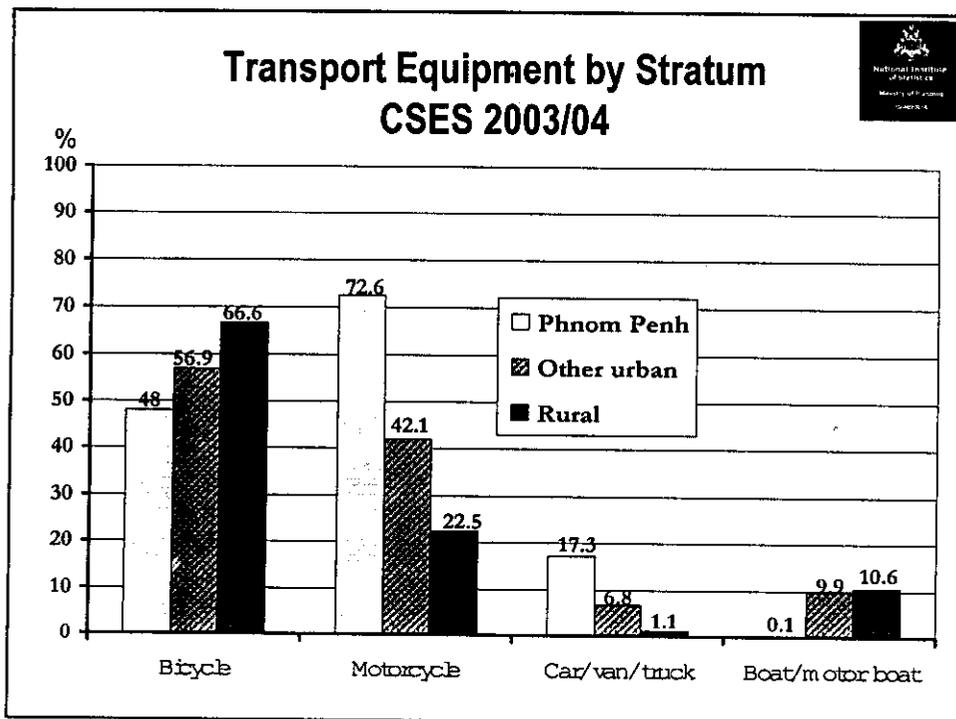
Item	Cambodia	Stratum		
		Phnom Penh	Other urban	Rural
Radio/stereo	51.8	73.9	56.7	49.0
TV set	46.1	87.3	56.8	40.7
Tele phone/Cell phone	12.9	65.3	28.1	5.8
VCR	6.1	26.0	13.1	3.3
Camera	2.2	12.4	4.1	1.0
Satellite dish	0.5	0.7	0.6	0.4

### Communication Equipment by Zone, in Percent CSES 2003/04



Zone	Radio/stereo	Television	Cell phone/telephone	VCR	Camera	Satellite dish
Plain	51.0	49.0	7.7	3.6	0.9	0.4
<i>Kampong Cham</i>	50.9	43.2	7.7	7.6	4.4	18.6
<i>Kandal</i>	56.5	66.9	13.9	13.8	4.2	25.9
<i>Prey Veang</i>	47.2	47.7	2.9	2.8	2.4	17.7
<i>Svay Rieng</i>	50.4	30.8	3.2	3.2	3.8	16.6
<i>Takeo</i>	49.0	49.5	8.6	8.4	2.7	25.3
Tonle Sap	49.8	38.0	9.5	5.5	2.2	0.4
<i>Banteay Meanchey</i>	45.7	40.2	11.1	10.9	7.4	19.7
<i>Battambang</i>	57.6	44.6	13.2	13.2	8.5	24.6
<i>Kampong Thum</i>	47.8	27.0	4.6	4.6	3.1	19.6
<i>Siem Reap</i>	44.6	37.5	13.0	12.7	4.6	17.1
<i>Other Tonle Sap provinces</i>	37.3	38.9	0.1	5.8	4.1	17.9
Coastal	55.6	34.5	12.2	7.9	1.1	1.0
Plateau/mountain	41.2	34.9	5.4	2.0	0.8	0.4
<i>Kampong Speu</i>	46.4	44.0	5.0	4.9	1.2	21.0
<i>Other mountain provinces</i>	25.6	24.4	0.4	5.7	2.9	13.1

VCR, Camera, Satellite  
how can all these prob. % be less than the 2003 %?



### Transport Equipment by Zone, in Percent CSES 2003/04

Zone	Bicycle	Motorcycle	Car/Jeep/ van	Rowing boat/ Motor boat
<b>Plain</b>	<b>71.6</b>	<b>27.6</b>	<b>1.4</b>	<b>10.8</b>
<i>Kampong Cham</i>	72.2	26.1	1.8	13.6
<i>Kandal</i>	66.7	34.2	2.4	16.2
<i>Prey Veang</i>	70.0	19.4	0.4	9.7
<i>Svay Rieng</i>	84.1	30.7	0.4	2.2
<i>Takeo</i>	71.2	30.9	1.4	4.4
<b>Tonle Sap</b>	<b>64.4</b>	<b>21.6</b>	<b>1.9</b>	<b>11.6</b>
<i>Banteay Meanchey</i>	65.1	22.1	2.4	9.8
<i>Battambang</i>	55.7	29.4	2.6	4.3
<i>Kampong Thum</i>	69.6	17.4	1.0	18.2
<i>Siem Reap</i>	76.7	22.0	2.8	6.3
<i>Other Tonle Sap provinces</i>	57.5	17.0	1.5	1.0
<b>Coastal</b>	<b>53.6</b>	<b>24.5</b>	<b>3.3</b>	<b>12.2</b>
<b>Plateau/mountain</b>	<b>52.1</b>	<b>22.5</b>	<b>1.3</b>	<b>5.6</b>
<i>Kampong Speu</i>	59.1	24.4	0.9	0.0
<i>Other mountain provinces</i>	44.0	20.4	1.6	0.3

## Household Equipment by Stratum, in Percent CSES 2003/04

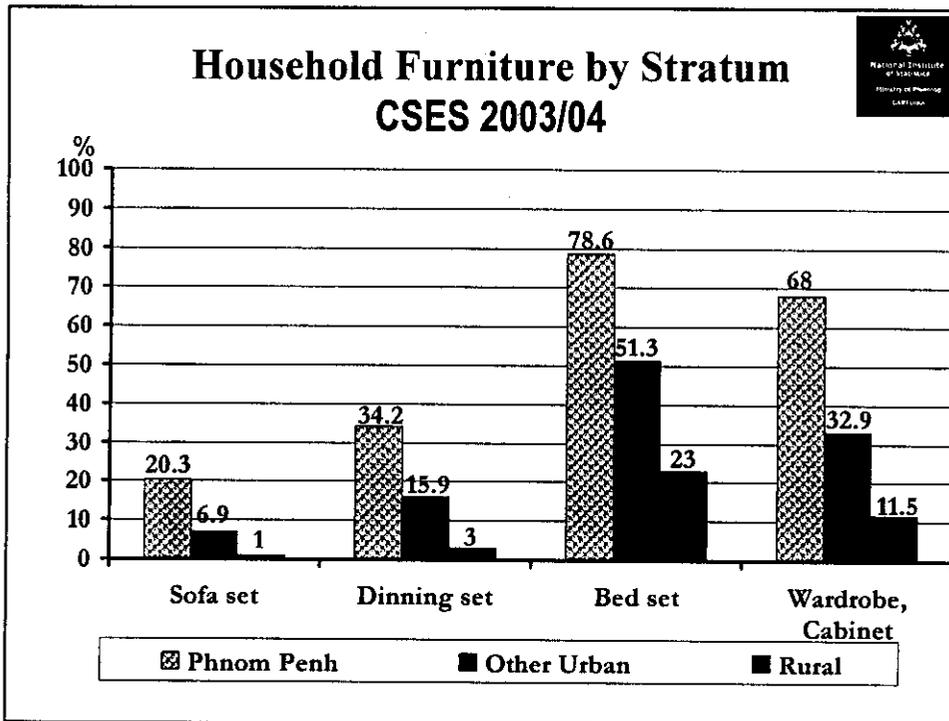
Stratum	Cambodia	Phnom Penh	Other urban	Rural
Sewing machine	6.0	22.0	8.6	4.1
Refrigerator	1.9	17.8	3.4	0.1
? Kitchen	2.9	26.0	5.9	0.3
Electric iron	8.2	58.6	22.3	1.4
Electric fan	12.4	78.6	32.7	3.3
Air conditioner	0.9	8.0	1.5	0.2
Suitcases	21.0	21.4	32.1	19.5
Generator	2.0	2.6	2.7	1.9
Batteries	57.3	5.8	31.6	65.7

A:  
- electric cooker,  
maybe also gas  
also charcoal  
- some structure

## Household Equipment by Zone, in Percent CSES 2003/04

Zone	Sewing machine	Refrigerator	Kitchen	Electric iron	Electric fan	Air conditioner	Suitcases	Generator	Batteries
Plain	4.5	0.3	0.6	2.8	4.8	0.2	21.4	1.9	68.5
Kampong Cham	5.9	0.1	0.2	2.7	4.6	0.2	20.6	1.7	64.3
Kandal	5.2	1.0	1.5	5.2	8.8	0.5	10.5	3.0	66.6
Prey Veang	3.0	0.0	0.4	0.6	1.8	0.1	27.2	1.6	74.1
Svay Rieng	2.8	0.2	0.4	2.0	3.4	0.4	29.5	1.1	70.3
Takeo	4.0	0.1	0.6	3.3	4.6	0.0	25.3	1.7	71.3
Tonle Sap	5.3	0.8	0.9	4.7	9.0	0.4	20.3	2.0	56.2
Banteay Meanchey	7.8	1.6	1.4	5.3	12.0	0.3	16.5	1.3	45.1
Battambang	6.4	0.3	1.1	7.5	14.9	0.2	20.6	2.8	53.2
Kampong Thum	3.4	0.4	0.2	0.9	2.8	0.2	23.5	2.7	59.8
Siem Reap	4.8	1.5	0.9	6.5	9.2	0.7	12.9	1.6	60.4
Other Tonle Sap provinces	4.2	0.2	0.7	3.0	5.8	0.5	26.9	1.6	61.2
Coastal	4.0	1.7	3.3	7.8	13.5	0.8	27.2	2.8	49.3
Plateau/mountain	3.7	0.0	0.6	2.7	3.4	0.2	16.4	1.7	58.6
Kampong Speu	3.1	0.0	0.5	1.7	1.5	0.1	9.4	0.7	66.2
Other mountain provinces	4.5	0.1	0.6	3.8	5.6	0.2	24.3	2.8	49.9

why? access to inputs?  
(but what about what comes across Thai + VN border?)



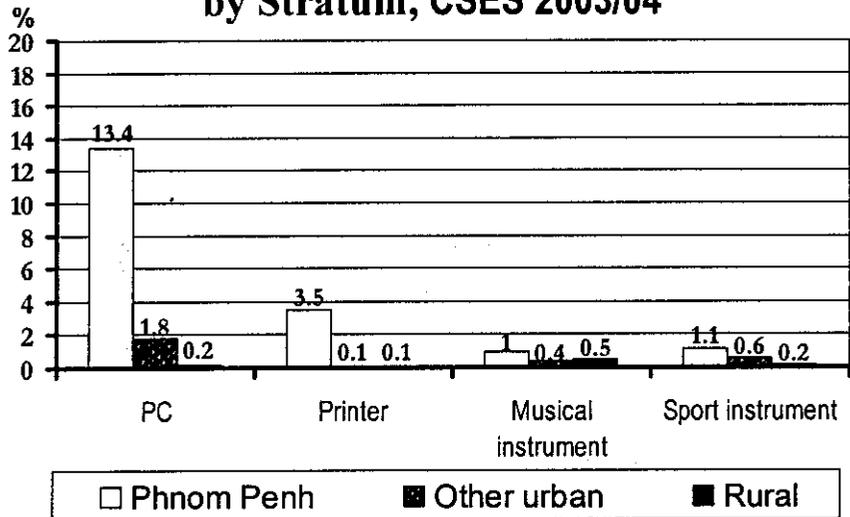
### Household Furniture by Zone, in Percent CSES 2003/04

Zone	Sofa set	Dining set	Bed sets	Wardrobe/ cabinets
<b>Plain</b>	<b>1.1</b>	<b>4.0</b>	<b>28.1</b>	<b>14.8</b>
<i>Kampong Cham</i>	1.4	4.4	27.7	15.3
<i>Kandal</i>	1.4	5.1	38.9	20.2
<i>Prey Veang</i>	0.5	1.4	15.4	9.3
<i>Svay Rieng</i>	1.0	3.2	28.2	11.3
<i>Takeo</i>	1.0	5.9	31.3	16.5
<b>Tonle Sap</b>	<b>2.3</b>	<b>4.9</b>	<b>21.5</b>	<b>13.4</b>
<i>Banteay Meanchey</i>	2.7	4.5	12.2	13.2
<i>Battambang</i>	4.2	10.4	37.7	21.9
<i>Kampong Thum</i>	0.7	1.9	20.2	6.5
<i>Siem Reap</i>	2.1	4.6	19.3	14.9
<i>Other Tonle Sap provinces</i>	1.4	2.5	16.9	9.7
<b>Coastal</b>	<b>3.0</b>	<b>8.9</b>	<b>39.6</b>	<b>18.4</b>
<b>Plateau/mountain</b>	<b>1.3</b>	<b>2.2</b>	<b>22.3</b>	<b>8.7</b>
<i>Kampong Speu</i>	1.1	2.6	26.0	8.9
<i>Other mountain provinces</i>	1.6	1.8	18.1	8.5

- ditto: why highest in Coastal?



### Computer and Recreation Equipment by Stratum, CSES 2003/04



### Computer and Recreation Equipment by Zone, in Percent CSES 2003/04



Zone	PC	Printer	Musical instrument	Sport instrument
<b>Plain</b>	<b>0.5</b>	<b>0.1</b>	<b>0.7</b>	<b>0.2</b>
<i>Kampong Cham</i>	<i>0.4</i>	<i>0.1</i>	<i>0.8</i>	<i>0.1</i>
<i>Kandal</i>	<i>0.7</i>	<i>0.2</i>	<i>0.4</i>	<i>0.5</i>
<i>Prey Veang</i>	<i>0.0</i>	<i>0.1</i>	<i>0.7</i>	<i>0.4</i>
<i>Svay Rieng</i>	<i>0.7</i>	<i>0.0</i>	<i>1.1</i>	<i>0.2</i>
<i>Takeo</i>	<i>0.7</i>	<i>0.2</i>	<i>0.3</i>	<i>0.0</i>
<b>Tonle Sap</b>	<b>0.5</b>	<b>0.1</b>	<b>0.4</b>	<b>0.2</b>
<i>Banteay Meanchey</i>	<i>0.2</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>
<i>Battambang</i>	<i>0.9</i>	<i>0.4</i>	<i>0.5</i>	<i>0.4</i>
<i>Kampong Thum</i>	<i>0.1</i>	<i>0.0</i>	<i>0.6</i>	<i>0.2</i>
<i>Siem Reap</i>	<i>0.7</i>	<i>0.1</i>	<i>0.5</i>	<i>0.1</i>
<i>Other Tonle Sap provinces</i>	<i>0.5</i>	<i>0.0</i>	<i>0.5</i>	<i>0.2</i>
<b>Coastal</b>	<b>0.5</b>	<b>n.a</b>	<b>0.6</b>	<b>0.3</b>
<b>Plateau/mountain</b>	<b>0.0</b>	<b>0.1</b>	<b>0.2</b>	<b>n.a</b>
<i>Kampong Speu</i>	<i>0.0</i>	<i>0.1</i>	<i>0.1</i>	<i>0.0</i>
<i>Other mountain provinces</i>	<i>0.1</i>	<i>0.0</i>	<i>0.3</i>	<i>0.0</i>

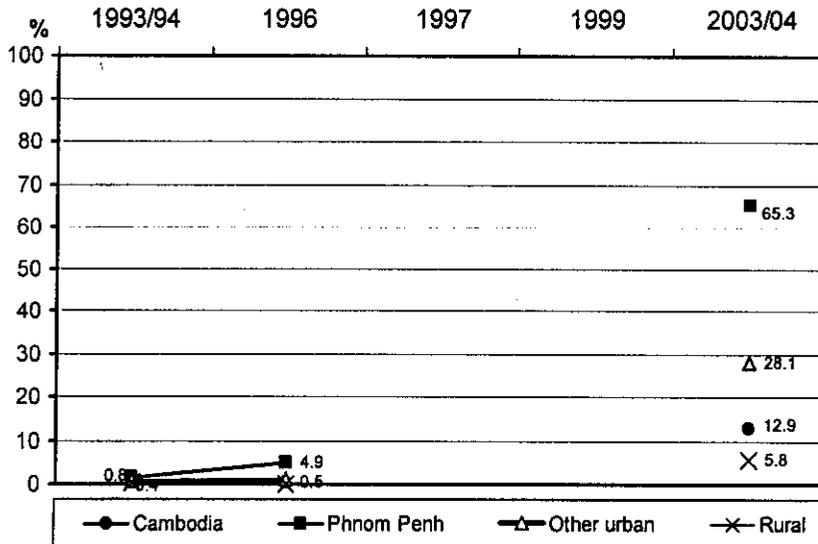
## Agriculture Equipment by Stratum, in Percent CSES 2003/04

Stratum	Cambodia	Phnom Penh	Other urban	Rural
Harrow/rake	83.1	33.7	80.1	88.3
Plough	35.9	1.3	18.1	41.6
Cart	25.4	1.3	14.4	29.2
Water pump	8.3	0.9	5.7	9.3
Tractor/semi-tractor	2.6	0.0	2.5	2.8
Rice mill	2.0	0.1	1.3	2.3
Threshing machine	1.5	0.3	1.4	1.6
Bulldozer	0.3	0.0	0.4	0.4

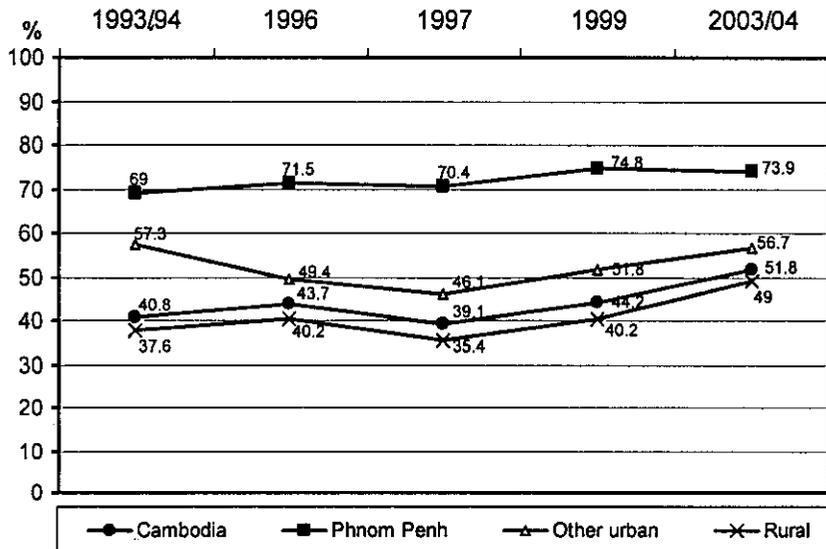
## Agriculture Equipment by Zone, in Percent CSES 2003/04

Zone	Harrow/ rake	Plough	Cart	Water pump	Tractor/ semi- tractor	Rice mill	Threshing machine	Bulldozer
<b>Plain</b>	<b>85.8</b>	<b>36.4</b>	<b>20.9</b>	<b>14.4</b>	<b>2.3</b>	<b>2.6</b>	<b>1.5</b>	<b>0.3</b>
<i>Svay Rieng</i>	<i>92.8</i>	<i>62.4</i>	<i>8.1</i>	<i>4.4</i>	<i>2.4</i>	<i>1.6</i>	<i>2.0</i>	<i>0.4</i>
<i>Prey Veang</i>	<i>92.3</i>	<i>49.6</i>	<i>24.5</i>	<i>16.6</i>	<i>0.8</i>	<i>3.8</i>	<i>2.1</i>	<i>0.8</i>
<i>Takeo</i>	<i>89.3</i>	<i>48.2</i>	<i>30.8</i>	<i>17.0</i>	<i>3.8</i>	<i>3.0</i>	<i>0.8</i>	<i>0.1</i>
<i>Kampong Cham</i>	<i>86.4</i>	<i>28.9</i>	<i>22.8</i>	<i>10.5</i>	<i>2.1</i>	<i>2.7</i>	<i>1.4</i>	<i>0.2</i>
<i>Kandal</i>	<i>72.5</i>	<i>14.0</i>	<i>13.1</i>	<i>20.9</i>	<i>2.4</i>	<i>1.4</i>	<i>1.1</i>	<i>0.2</i>
<b>Tonle Sap</b>	<b>89.0</b>	<b>36.4</b>	<b>32.3</b>	<b>4.5</b>	<b>3.9</b>	<b>1.8</b>	<b>1.5</b>	<b>0.4</b>
<i>Banteay Meanchey</i>	<i>85.9</i>	<i>13.6</i>	<i>12.0</i>	<i>1.5</i>	<i>6.7</i>	<i>0.8</i>	<i>1.6</i>	<i>0.2</i>
<i>Battambang</i>	<i>88.3</i>	<i>19.0</i>	<i>17.4</i>	<i>4.7</i>	<i>7.2</i>	<i>0.1</i>	<i>1.4</i>	<i>0.0</i>
<i>Kampong Thum</i>	<i>88.6</i>	<i>46.6</i>	<i>44.8</i>	<i>4.5</i>	<i>2.2</i>	<i>3.9</i>	<i>2.2</i>	<i>0.8</i>
<i>Siem Reap</i>	<i>88.9</i>	<i>54.4</i>	<i>44.2</i>	<i>3.8</i>	<i>2.5</i>	<i>2.5</i>	<i>1.5</i>	<i>0.2</i>
<i>Other Tonle Sap provinces</i>	<i>92.2</i>	<i>47.1</i>	<i>42.0</i>	<i>7.3</i>	<i>0.2</i>	<i>2.0</i>	<i>1.1</i>	<i>0.6</i>
<b>Coastal</b>	<b>85.3</b>	<b>45.6</b>	<b>29.9</b>	<b>3.4</b>	<b>1.8</b>	<b>1.8</b>	<b>1.4</b>	<b>0.4</b>
<b>Plateau/mountain</b>	<b>90.5</b>	<b>50.9</b>	<b>39.1</b>	<b>2.7</b>	<b>2.6</b>	<b>1.7</b>	<b>2.2</b>	<b>0.5</b>
<i>Kampong Speu</i>	<i>91.3</i>	<i>58.6</i>	<i>48.1</i>	<i>2.5</i>	<i>1.9</i>	<i>2.2</i>	<i>3.0</i>	<i>0.4</i>
<i>Other mountain provinces</i>	<i>89.6</i>	<i>42.2</i>	<i>28.9</i>	<i>2.9</i>	<i>0.6</i>	<i>1.3</i>	<i>1.2</i>	<i>0.6</i>

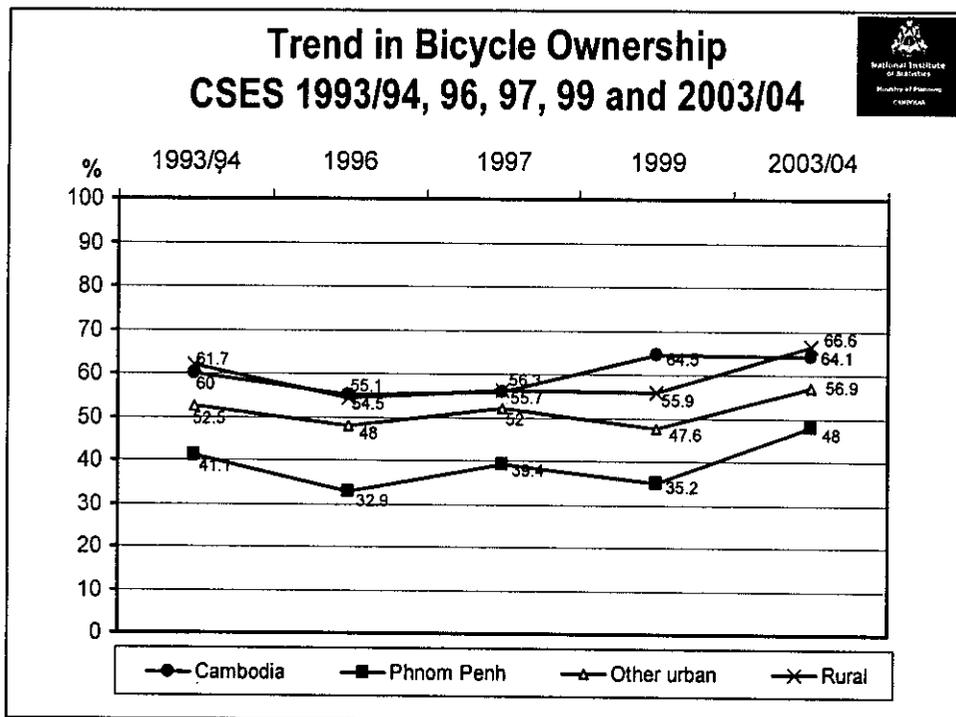
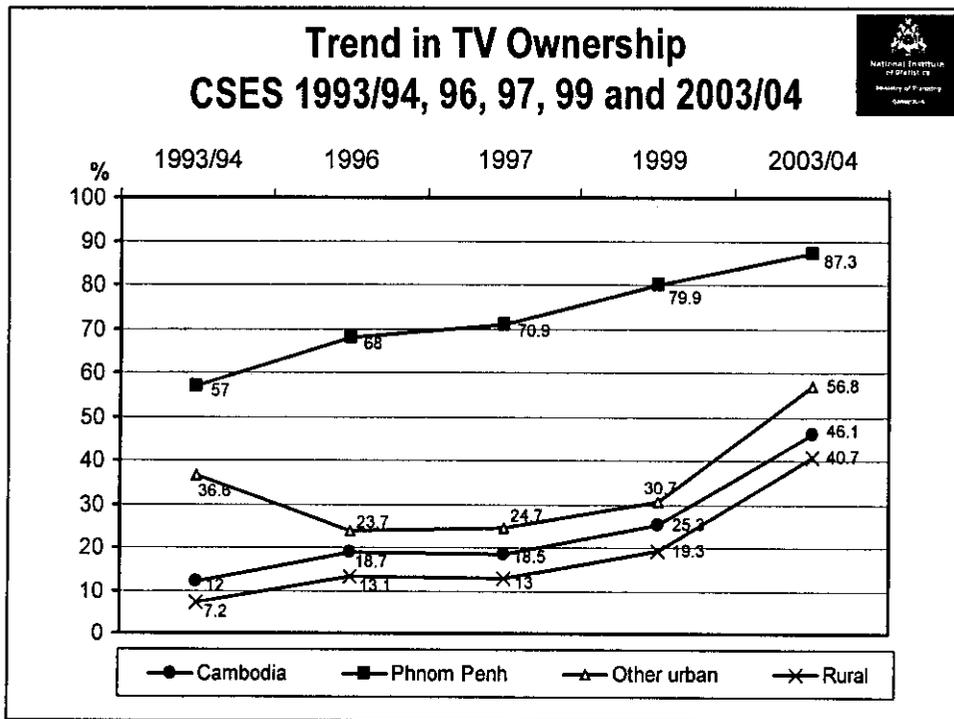
### Trend in Telephone Ownership CSES 1993/94, 96, 97, 99 and 2003/04



### Trend in Radio Ownership CSES 1993/94, 96, 97, 99 and 2003/04

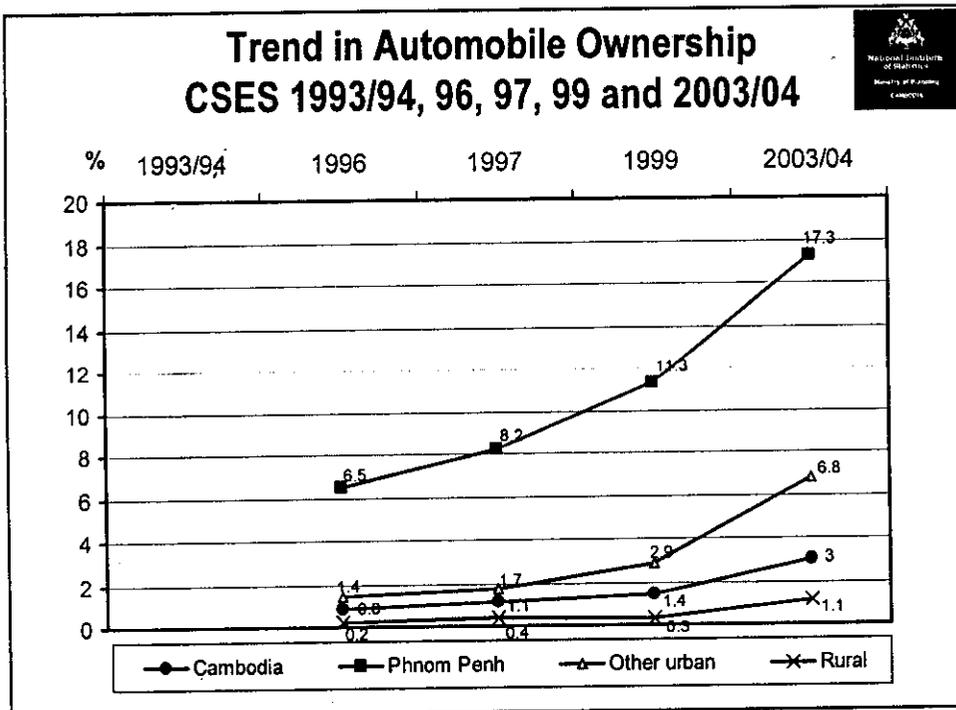
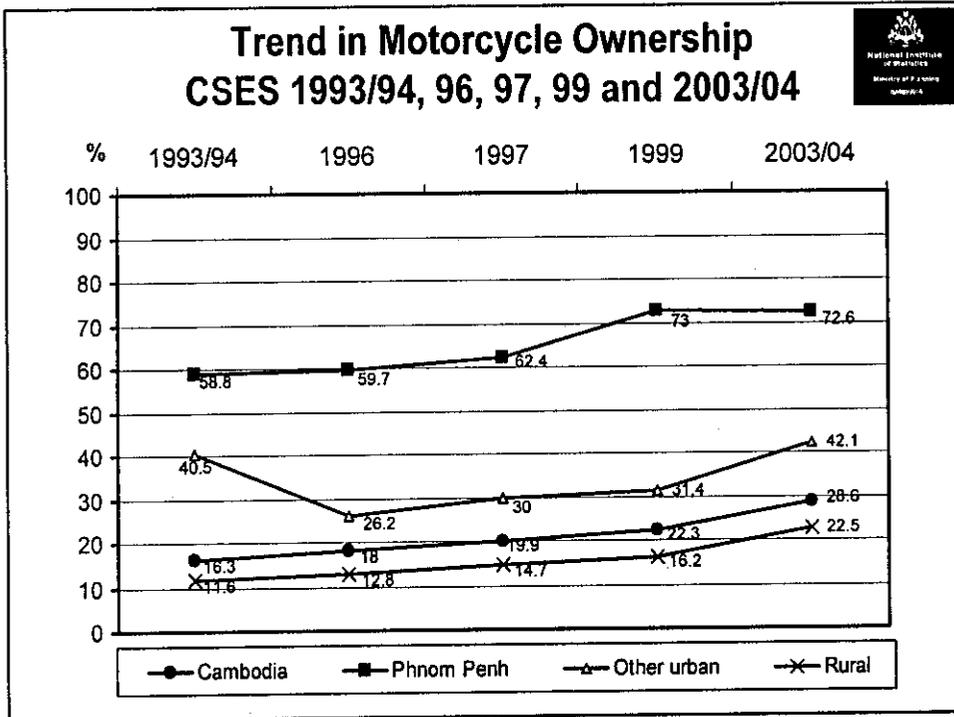


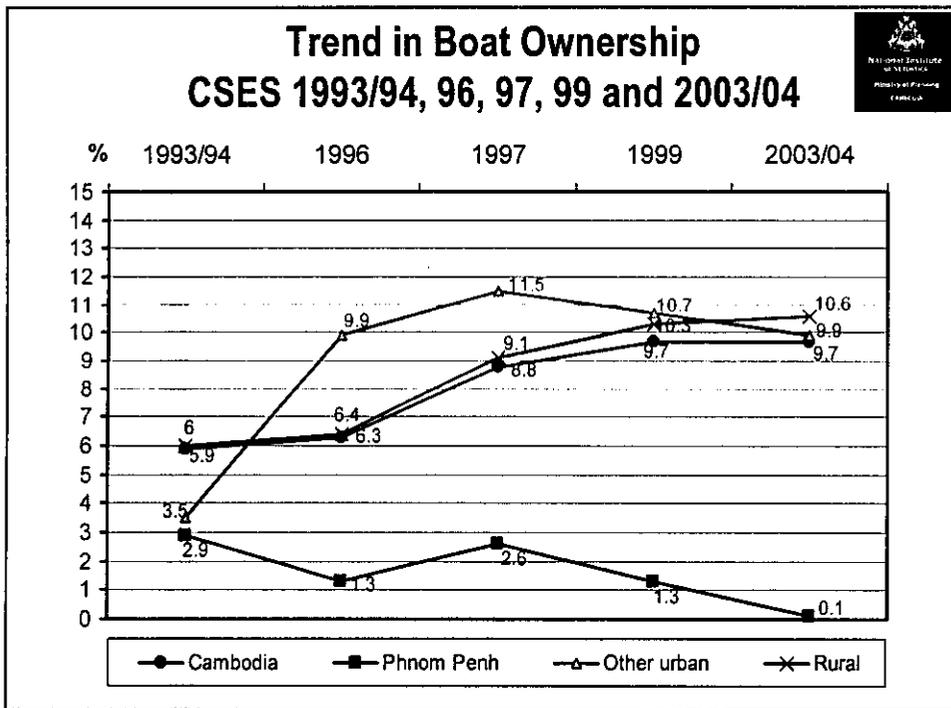
Not much ↑



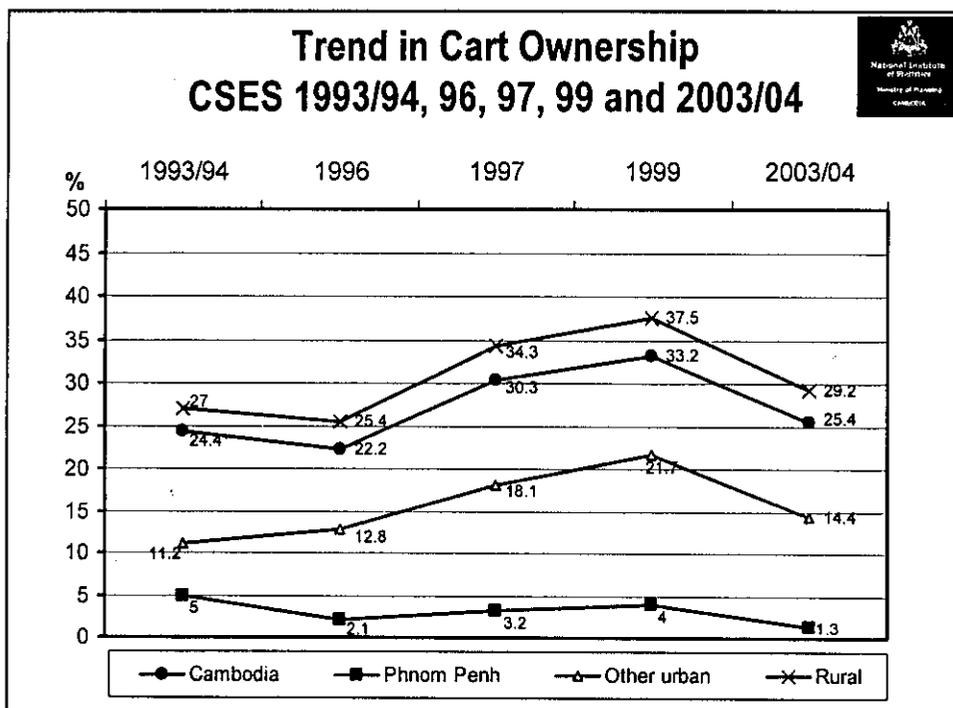
↑  
 how could  
 all Cambodia figures  
 move up significantly  
 when PHN and urban fell  
 and rural went up by 2%?

↑  
 vice-versa: why did overall go down  
 when everything else went  
 up?





odd 'other-urban'  
trend



interesting  
decline  
- hand tractors (w. pump...)  
and motor?  
LC: maybe wording of the question

