



Preliminary Report – 2

Census of Buildings and Persons Affected by the Tsunami – 2004

(In this report, statistics are given only for the
affected Grama Niladhari divisions)

KORALAI PATTU DS DIVISION

BATTICALOA DISTRICT

Department of Census and Statistics - 2005

Preliminary Report – 2

Census of Buildings and Persons Affected by the Tsunami – 2004

Data collection of the Census on the Buildings and Persons Affected by the Tsunami – 2004 was conducted in two stages. During the stage one data on some key indicators related to the number of damaged buildings were collected. Damaged houses were categorized into completely damaged, partially damaged and usable, and partially damaged and not usable. Indicators compiled at various administrative divisions based on the data collected at the first stage have been released in the first set of preliminary reports.

During the second stage of the census, data on many other areas related to the disaster was collected. Characteristics of the buildings (both housing units and other buildings), occupants and dead and missing persons are some of such areas. Data collected are being computerized. Arrangements were made to give priority to compile some indicators, immediately needed for decision making. Indicators compiled on priority basis are listed below.

1. Average distance between the building and beach
2. Materials used for construction of buildings
3. Ownership of buildings
4. Floor area of buildings
5. Housing units by income category
6. Housing units by number of families
7. Population by age group
8. Number of people disabled/injured/sick due to tsunami
9. Number of persons engaged in fishing before and after the disaster
10. Number of persons engaged in other fishing related employments before and after the disaster
11. Number of persons engaged in coir industry before and after the disaster
12. Number of persons engaged in tourism industry before and after the disaster
13. Number of persons engaged in government employment before and after the disaster
14. Number of persons engaged in other employment before and after the disaster

The above indicators at GN level are presented in this report for the Koralai Pattu DS division of the Batticaloa district.

NOTE

During the first stage of the census all affected buildings were listed. With regard to the buildings where there was no person available to collect information, details of a contact person were obtained by inquiring the people living in the neighborhood. Irrespective of all these attempts, some eligible respondents could not be enumerated during the second stage of the census.

For Koralai Pattu DS division of Batticaloa districts 3 percent of the eligible respondent could not be enumerated. Arrangements are being made to collect information from all eligible respondents of these housing units as well.

Concepts and Definitions Used

Housing Unit

The following 3 conditions should be satisfied in order to consider a building unit as a housing unit.

- (i) It should be a place of dwelling of human beings.
- (ii) It should be separated from other places of dwelling.
- (iii) It should have separate entrance.

Under the definition, any building unit or a part of a building or any structure whether permanent or temporary such as huts, shanties, sheds etc., which are in fact used as place of residence were regarded as housing units.

Number of persons usually living in the housing unit

A person was considered as a member of the housing unit if he/she was a usual resident of the housing unit when the Tsunami disaster occurred. They may be presently living in the housing unit or elsewhere such as a welfare center or a friend's/ relative's house.

Employment prior to the Tsunami and whether the employment can be continued after the Tsunami ?

This information was collected from those persons who were engaged in an employment before the Tsunami. Further information was collected on whether they could continue their employment after the Tsunami.

Materials used for the construction of the housing unit

Materials used for the construction of housing unit was considered permanent, if the roof, the walls and the floor were constructed using Permanent material.

Roof is considered Permanent, if constructed using tiles / asbestos etc. Roof is considered Temporary, if constructed using cadjan / tin sheets etc.

Walls are considered Permanent, if constructed using bricks / cement blocks etc. Walls are considered Temporary, if constructed using mud, wood / tin sheets etc.

Floor is considered Permanent, if constructed using cement/ tiles / granite etc. Floor is considered Temporary, if constructed using mud / dung etc.

Distance from the beach to the housing unit:

This distance was estimated by the enumerator at the time of the data collection.

Income of the housing unit

This includes the total income of all income earners of the housing unit from all sources, before the Tsunami.

Size of Housing unit

This refers to the total number of the members of the housing unit, who are alive after the Tsunami, and were usually residing in the housing unit, before the Tsunami. They may be living in the housing unit or elsewhere now.

Disability, Injury or Sickness due to Tsunami

If a person was disabled or injured or had a sickness due to Tsunami, information on such persons was collected at this census.

Table 1: Number of damaged housing units in affected GN divisions* by material used for construction of the housing unit**

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		Total no.of damaged* * housing units	Material used for construction		
Name	No.		Permanent	Other ^α	Not reported
Kalkuda	204	633	325	308	0
Kalmadhu	204A	122	51	71	0
Kumburumulai	203B	21	13	8	0
Nasivanthivu	205C	158	36	122	0
Pethalai	205B	80	12	67	1
Valachchenai Tamil	205	27	24	3	0
Total		1041	461	579	1

*Statistics are given here only for the affected GN divisions

**Damaged - Fully damaged, Partially damaged (unusable) and Partially damaged (usable) housing units only were considered damaged

α If any combination of materials other than 'Permanent' is considered as 'Other'

Note : In some DS divisions, number of housing units surveyed in stage 2 were

Source : Department of Census & Statistics

Table 2: Number of damaged housing units in affected GN divisions* by ownership of the land**

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		Total no. of damaged* * housing units	Ownership of the land				
Name	No.		Belongs to the family	Rent/Lease	Coast reservatio	Other	Not reported
Kalkuda	204	633	589	0	1	43	0
Kalmadhu	204A	122	118	0	0	4	0
Kumburumulai	203B	21	8	0	0	13	0
Nasivanthivu	205C	158	156	0	0	2	0
Pethalai	205B	80	76	0	0	3	1
Valachchenai Tamil	205	27	25	2	0	0	0
Total		1041	972	2	1	65	1

*Statistics are given here only for the affected GN divisions

**Damaged - Fully damaged , Partially damaged (unusable) and Partially damaged (usable) housing units only are considered damaged.

Note : In some DS divisions, number of housing units surveyed in stage 2 were greater than the number of

Source : Department of Census & Statistics

Table 3: Number of damaged housing units in affected GN divisions* by income category of the housing unit before Tsunami**

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		Total no. of damaged* * housing units	Monthly Income of the Housing Unit (Rs)			
Name	No.		Less than 5000	5000 - 9999	10000 & above	Not reported
Kalkuda	204	633	322	268	30	13
Kalmadhu	204A	122	94	23	1	4
Kumburumulai	203B	21	10	9	1	1
Nasivanthivu	205C	158	109	47	1	1
Pethalai	205B	80	69	9	2	0
Valachchenai Tamil	205	27	13	7	5	2
Total		1041	617	363	40	21

*Statistics are given here only for the affected GN divisions

**Damaged - Fully damaged , Partially damaged (unusable) and Partially damaged (usable) housing units only are considered damaged.

Note : In some DS divisions, number of housing units surveyed in stage 2 were greater than the

Source : Department of Census & Statistics

Table 4: Number of damaged housing units by number of families[@] in affected GN divisions***

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		Total no.of damaged* * housing units	Number of families			
Name	No.		1 Family	2 Families	3 or more	Not reported
Kalkuda	204	633	626	6	1	0
Kalmadhu	204A	122	120	2	0	0
Kumburumulai	203B	21	20	0	1	0
Nasivanthivu	205C	158	156	2	0	0
Pethalai	205B	80	76	4	0	0
Valachchenai Tamil	205	27	23	4	0	0
Total		1041	1021	18	2	0

*Statistics are given here only for the affected GN divisions

**Damaged - Fully damaged , Partially damaged (unusable) and Partially damaged (usable) housing units only are considered damaged.

[@] 'Number of families' is defined as the number of families usually living in that housing unit after the Tsunami 2004

Note : In some DS divisions, number of housing units surveyed in stage 2 were greater than the

Source : Department of Census & Statistics

Table 5: Number of damaged housing units in affected GN divisions* by size of housing units**

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		Total no.of damaged* * housing units	Size of housing units			
Name	No.		Less than 5 members	5 to 7 members	8 or more members	Not reported
Kalkuda	204	633	505	121	7	0
Kalmadhu	204A	122	99	22	1	0
Kumburumulai	203B	21	16	4	1	0
Nasivanthivu	205C	158	103	50	5	0
Pethalai	205B	80	53	25	2	0
Valachchenai Tamil	205	27	13	13	1	0
Total		1041	789	235	17	0

*Statistics are given here only for the affected GN divisions

**Damaged - Fully damaged , Partially damaged (unusable) and Partially damaged (usable) housing units only are considered damaged.

Note : In some DS divisions, number of housing units surveyed in stage 2 were greater than the

Source : Department of Census & Statistics

Table 6: Distribution of population in affected GN divisions* by the age group

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		Affected Population #	Age Group (Years)			
Name	No.		Less than 5	5 - 14	15-29	30 or more
Kalkuda	204	2115	189	441	739	746
Kalmadhu	204A	401	31	91	125	154
Kumburumulai	203B	70	0	11	23	36
Nasivanthivu	205C	639	66	188	207	178
Pethalai	205B	314	31	87	101	95
Valachchenai Tamil	205	114	12	23	19	60
Total		3653	329	841	1214	1269

*Statistics are given here only for the affected GN divisions

Affected population - Total number of persons living in the damaged housing units.

Source : Department of Census & Statistics

Table 7: Number of persons who were disabled/injured/sick^{##} due to Tsunami 2004 in affected GN divisions*

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		Affected Population #	No of persons disabled/injured/sick [#]
Name	No.		
Kalkuda	204	2115	120
Kalmadhu	204A	401	1
Kumburumulai	203B	70	5
Nasivanthivu	205C	639	0
Pethalai	205B	314	6
Valachchenai Tamil	205	114	5
Total		3653	137

*Statistics are given here only for the affected GN divisions

Affected population - Total number of persons living in the damaged housing units.

##-Of the persons living in the damaged housing unit

Table 8: Number of persons[?] engaged in fishing⁺ before and after Tsunami in affected GN divisions*

Koralai Pattu DS division of Batticaloa District -
April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Kalkuda	204	287	70
Kalmadhu	204A	15	0
Kumburumulai	203B	2	0
Nasivanthivu	205C	110	16
Pethalai	205B	30	9
Valachchenai Tamil	205	5	4
Total		449	99

*Statistics are given here only for the affected GN divisions
+ Fishing - Persons engaged in fishing for selling (not only for home consumption) as employers, employees & own
? Persons engaged in the activity in the damaged housing

Source : Department of Census & Statistics

Table 9: Number of persons[?] engaged in other fishery related industries⁺ before and after Tsunami in affected GN divisions*

Koralai Pattu DS division of Batticaloa District -
April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Kalkuda	204	48	0
Kalmadhu	204A	83	46
Kumburumulai	203B	0	0
Nasivanthivu	205C	31	29
Pethalai	205B	39	39
Valachchenai Tamil	205	0	0
Total		201	114

*Statistics are given here only for the affected GN divisions
+ Fishery related industries - Persons engaged in preparing dry fish, repairing of fishing nets and other
? Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

Table 10: Number of persons[?] engaged in coir industry before and after Tsunami in affected GN divisions*

Koralai Pattu DS division of Batticaloa District -
April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Kalkuda	204	0	0
Kalmadhu	204A	0	0
Kumburumulai	203B	0	0
Nasivanthivu	205C	0	0
Pethalai	205B	0	0
Valachchenai Tamil	205	0	0
Total		0	0

*Statistics are given here only for the affected GN divisions

? Persons engaged in the activity in the damaged housing units

Table11: Number of persons[?] engaged in tourism industry before and after Tsunami in affected GN divisions*

Koralai Pattu DS division of Batticaloa District -
April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Kalkuda	204	0	0
Kalmadhu	204A	0	0
Kumburumulai	203B	0	0
Nasivanthivu	205C	0	0
Pethalai	205B	0	0
Valachchenai Tamil	205	0	0
Total		0	0

*Statistics are given here only for the affected GN divisions

? Persons engaged in the activity in the damaged housing units

Table 12: Number of persons[?] engaged in government employment⁺ before and after Tsunami in affected GN divisions*

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Kalkuda	204	27	27
Kalmadhu	204A	1	0
Kumburumulai	203B	2	0
Nasivanthivu	205C	1	1
Pethalai	205B	1	1
Valachchenai Tamil	205	13	13
Total		45	42

*Statistics are given here only for the affected GN divisions

+ Persons employed in public sector, provincial public sector and semi government are included here.

? Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

Table 13: Number of persons[?] engaged in other employment⁺ before and after Tsunami in affected GN divisions*

Koralai Pattu DS division of Batticaloa District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Kalkuda	204	422	239
Kalmadhu	204A	22	15
Kumburumulai	203B	31	28
Nasivanthivu	205C	38	29
Pethalai	205B	27	19
Valachchenai Tamil	205	17	13
Total		557	343

*Statistics are given here only for the affected GN divisions

+ Which includes all other employment not specified in the previous tables.

? Persons engaged in the activity in the damaged housing units