



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 NORTH 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 North 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 North 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 North DS division of Batticaloa District - April 2005

Affected GN Division		Total no.of damaged* * housing units	Material used for construction		
Name	No.		Permanent	Other [†]	Not reported
Ammanthanaaveli	213D	291	11	280	0
Kathiraveli	213	409	38	371	0
Kayankerni	211A	252	48	204	0
Kirimichchi	211F	202	16	186	0
Mankerni Centre	211	166	35	131	0
Mankerni South	211G	179	59	120	0
Paalchenai	213A	262	40	222	0
Panichchankerni	211C	505	62	443	0
Puchchakkerni	213C	198	48	150	0
Uooriyankaddu	212B	358	41	317	0
Vaddavaan	211D	297	153	144	0
Vakarai Centre	212	96	22	74	0
Vakarai North	212A	487	110	376	1
Total		3702	683	3018	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

† 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 greater than the number of housing units listed in stage 1 because some housing units were identified as damaged at later stage. In some other DS divisions, number of housing units surveyed in stage 2 were slightly less than the number of housing units covered in stage 1, because there was a small percentage of housing units which were not surveyed due to unavailability of a suitable respondent.

Source : Department of Census & Statistics

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

Koralai Pattu North 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
Ammanthanaaveli	213D	291	290	0	0	1	0
Kathiraveli	213	409	405	0	0	3	1
Kayankerni	211A	252	134	0	0	118	0
Kirimichchi	211F	202	125	0	0	77	0
Mankerni Centre	211	166	128	0	0	38	0
Mankerni South	211G	179	148	0	0	30	1
Paalchenai	213A	262	255	0	0	2	5
Panichchankerni	211C	505	482	0	0	21	2
Puchchakkerni	213C	198	190	0	0	8	0
Uooriyankaddu	212B	358	352	0	0	5	1
Vaddavaan	211D	297	288	0	0	9	0
Vakarai Centre	212	96	96	0	0	0	0
Vakarai North	212A	487	483	0	0	4	0
Total		3702	3376	0	0	316	10

*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 housing units listed in stage 1 because some housing units were identified as damaged at later stage. In some other DS divisions, number of housing units surveyed in stage 2 were slightly less than the number of housing units covered in stage 1, because there was a small percentage of housing units which were not surveyed due to unavailability of a suitable respondent.

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 North 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
Ammanthanaaveli	213D	291	274	16	0	1
Kathiraveli	213	409	361	40	5	3
Kayankerni	211A	252	232	20	0	0
Kirimichchi	211F	202	197	4	1	0
Mankerni Centre	211	166	159	7	0	0
Mankerni South	211G	179	162	14	3	0
Paalchenai	213A	262	237	20	4	1
Panichchankerni	211C	505	486	18	1	0
Puchchakkerni	213C	198	186	8	2	2
Uooriyankaddu	212B	358	319	32	7	0
Vaddavaan	211D	297	275	20	2	0
Vakarai Centre	212	96	80	6	10	0
Vakarai North	212A	487	395	72	18	2
Total		3702	3363	277	53	9

*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 housing units listed in stage 1 because some housing units were identified as damaged at later stage. In some other DS divisions, number of housing units surveyed in stage 2 were slightly less than the number of housing units covered in stage 1, because there was a small percentage of housing units which were not surveyed due to unavailability of a suitable respondent.

Source : Department of Census & Statistics

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

Koralai Pattu North 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
Ammanthanaaveli	213D	291	283	8	0	0
Kathiraveli	213	409	397	12	0	0
Kayankerni	211A	252	249	3	0	0
Kirimichchi	211F	202	195	7	0	0
Mankerni Centre	211	166	160	5	1	0
Mankerni South	211G	179	177	2	0	0
Paalchenai	213A	262	261	1	0	0
Panichchankerni	211C	505	498	7	0	0
Puchchakkerni	213C	198	188	10	0	0
Uooriyankaddu	212B	358	348	10	0	0
Vaddavaan	211D	297	290	7	0	0
Vakarai Centre	212	96	94	2	0	0
Vakarai North	212A	487	481	6	0	0
Total		3702	3621	80	1	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 number of housing units listed in stage 1 because some housing units were identified as damaged at later stage. In some other DS divisions, number of housing units surveyed in stage 2 were slightly less than the number of housing units covered in stage 1, because there was a small percentage of housing units which were not surveyed due to unavailability of a suitable respondent.

Source : Department of Census & Statistics

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

Koralai Pattu North 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
Ammanthanaaveli	213D	291	170	106	15	0
Kathiraveli	213	409	232	153	24	0
Kayankerni	211A	252	176	66	10	0
Kirimichchi	211F	202	147	54	1	0
Mankerni Centre	211	166	106	54	6	0
Mankerni South	211G	179	124	48	7	0
Paalchenai	213A	262	185	73	4	0
Panichchankerni	211C	505	389	109	7	0
Puchchakkerni	213C	198	118	71	9	0
Uooriyankaddu	212B	358	216	121	21	0
Vaddavaan	211D	297	223	70	4	0
Vakarai Centre	212	96	70	24	2	0
Vakarai North	212A	487	337	135	15	0
Total		3702	2493	1084	125	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 number of housing units listed in stage 1 because some housing units were identified as damaged at later stage. In some other DS divisions, number of housing units surveyed in stage 2 were slightly less than the number of housing units covered in stage 1, because there was a small percentage of housing units which were not surveyed due to unavailability of a suitable respondent.

Source : Department of Census & Statistics

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

Koralai Pattu North 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
Ammanthanaaveli	213D	1224	112	380	384	348
Kathiraveli	213	1763	220	538	564	441
Kayankerni	211A	910	98	263	274	275
Kirimichchi	211F	734	79	194	228	233
Mankerni Centre	211	671	68	190	195	218
Mankerni South	211G	681	105	172	210	194
Paalchenai	213A	946	79	276	313	278
Panichchankerni	211C	1753	209	436	607	501
Puchchakkerni	213C	816	90	237	258	231
Uooriyankaddu	212B	1485	157	418	453	457
Vaddavaan	211D	1044	116	266	365	297
Vakarai Centre	212	363	39	75	104	145
Vakarai North	212A	1846	171	460	609	606
Total		14236	1543	3905	4564	4224

*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 North DS division of Batticaloa
District - April 2005

Affected GN Division		Affected Population #	No of persons disabled/injured/sick [#]
Name	No.		
Ammanthanaaveli	213D	1224	8
Kathiraveli	213	1763	28
Kayankerni	211A	910	10
Kirimichchi	211F	734	4
Mankerni Centre	211	671	4
Mankerni South	211G	681	0
Paalchenai	213A	946	53
Panichchankerni	211C	1753	33
Puchchakkerni	213C	816	20
Uooriyankaddu	212B	1485	18
Vaddavaan	211D	1044	27
Vakarai Centre	212	363	5
Vakarai North	212A	1846	31
Total		14236	241

*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

Source : Department of Census & Statistics

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

Koralai Pattu North DS division of Batticaloa
District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Ammanthanaaveli	213D	204	27
Kathiraveli	213	133	2
Kayankerni	211A	161	0
Kirimichchi	211F	85	7
Mankerni Centre	211	111	39
Mankerni South	211G	128	0
Paalchenai	213A	180	5
Panichchankerni	211C	369	45
Puchchakkerni	213C	88	16
Uooriyankaddu	212B	289	37
Vaddavaan	211D	253	12
Vakarai Centre	212	68	0
Vakarai North	212A	301	53
Total		2370	243

*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 account workers are included here

? Persons engaged in the activity in the damaged housing units

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 North DS division of Batticaloa
District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Ammanthanaaveli	213D	39	0
Kathiraveli	213	21	0
Kayankerni	211A	21	0
Kirimichchi	211F	6	0
Mankerni Centre	211	9	0
Mankerni South	211G	17	0
Paalchenai	213A	0	0
Panichchankerni	211C	33	0
Puchchakkerni	213C	1	0
Uooriyankaddu	212B	13	0
Vaddavaan	211D	9	0
Vakarai Centre	212	7	0
Vakarai North	212A	2	0
Total		178	0

*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 implements etc. are included here.

? Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

Table 10: Number of persons² engaged in coir industry before and after Tsunami in affected GN divisions*

Koralai Pattu North DS division of Batticaloa
District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Ammanthanaaveli	213D	0	0
Kathiraveli	213	0	0
Kayankerni	211A	0	0
Kirimichchi	211F	0	0
Mankerni Centre	211	0	0
Mankerni South	211G	0	0
Paalchenai	213A	0	0
Panichchankerni	211C	0	0
Puchchakkerni	213C	0	0
Uooriyankaddu	212B	0	0
Vaddavaan	211D	0	0
Vakarai Centre	212	0	0
Vakarai North	212A	1	0
Total		1	0

*Statistics are given here only for the affected GN divisions

² Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

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

Koralai Pattu North DS division of Batticaloa
District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Ammanthanaaveli	213D	0	0
Kathiraveli	213	0	0
Kayankerni	211A	0	0
Kirimichchi	211F	0	0
Mankerni Centre	211	0	0
Mankerni South	211G	0	0
Paalchenai	213A	0	0
Panichchankerni	211C	0	0
Puchchakkerni	213C	0	0
Uooriyankaddu	212B	0	0
Vaddavaan	211D	0	0
Vakarai Centre	212	0	0
Vakarai North	212A	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

Source : Department of Census & Statistics

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

Koralai Pattu North DS division of Batticaloa
District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Ammanthanaaveli	213D	0	0
Kathiraveli	213	9	8
Kayankerni	211A	0	0
Kirimichchi	211F	1	1
Mankerni Centre	211	1	1
Mankerni South	211G	2	2
Paalchenai	213A	4	4
Panichchankerni	211C	1	0
Puchchakkerni	213C	7	7
Uooriyankaddu	212B	19	19
Vaddavaan	211D	2	2
Vakarai Centre	212	18	16
Vakarai North	212A	27	27
Total		91	87

*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 North DS division of Batticaloa
District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Ammanthanaaveli	213D	110	33
Kathiraveli	213	330	101
Kayankerni	211A	97	20
Kirimichchi	211F	135	41
Mankerni Centre	211	58	13
Mankerni South	211G	61	14
Paalchenai	213A	84	10
Panichchankerni	211C	148	21
Puchchakkerni	213C	126	28
Uooriyankaddu	212B	106	39
Vaddavaan	211D	68	19
Vakarai Centre	212	45	24
Vakarai North	212A	212	68
Total		1580	431

*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

Source : Department of Census & Statistics