



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)

**KINNIYA DS DIVISION
TRINCOMALEE 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 Verugal DS division of the Trincomalee 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 Kinniya DS division of Trincomalee districts 13 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**

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		Total no.of damaged** housing units	Material used for construction		
Name	No.		Permanent	Other ^α	Not reported
Annal nagr	225F	519	401	117	1
Faizal nagr	225G	662	430	230	2
Kattaiaru	225B	14	10	4	0
Kurinchakerny	226G	16	12	3	1
Mahareef nagar	225E	56	52	3	1
Malinthurai	226C	77	55	22	0
Manchelaichenai	225D	477	409	68	0
Periya kinniya	226B	40	33	7	0
Periythumunai	226	337	301	36	0
Rahumaniya Nagar	225	307	269	37	1
Sinnakinniya	225A	7	3	4	0
Total		2512	1975	531	6

*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 : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee 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 reservation	Other	Not reported
Annal nagr	225F	519	134	1	3	377	4
Faizal nagr	225G	662	292	1	3	365	1
Kattaiaru	225B	14	14	0	0	0	0
Kurinchakerny	226G	16	15	0	0	0	1
Mahareef nagr	225E	56	56	0	0	0	0
Malinthurai	226C	77	71	0	0	6	0
Manchelaichenai	225D	477	403	11	0	59	4
Periya kinniya	226B	40	38	1	0	1	0
Periythumunai	226	337	327	1	0	4	5
Rahumaniya Nagar	225	307	298	0	0	5	4
Sinnakinniya	225A	7	7	0	0	0	0
Total		2512	1655	15	6	817	19

*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 : 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.

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**

Kinniya DS division of Trincomalee 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
Annal nagr	225F	519	247	215	42	15
Faizal nagr	225G	662	383	192	54	33
Kattaiaru	225B	14	11	2	0	1
Kurinchakerny	226G	16	5	7	1	3
Mahareef nagr	225E	56	6	40	10	0
Malinthurai	226C	77	15	45	12	5
Manchelaichenai	225D	477	221	160	77	19
Periya kinniya	226B	40	17	12	9	2
Periythumunai	226	337	79	181	64	13
Rahumaniya Nagar	225	307	132	96	68	11
Sinnakinniya	225A	7	6	1	0	0
Total		2512	1122	951	337	102

*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 : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee 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
Annal nagr	225F	519	504	15	0	0
Faizal nagr	225G	662	629	27	6	0
Kattaiaru	225B	14	12	2	0	0
Kurinchakerny	226G	16	16	0	0	0
Mahareef nagr	225E	56	55	1	0	0
Malinthurai	226C	77	76	1	0	0
Manchelaichenai	225D	477	436	37	4	0
Periya kinniya	226B	40	32	8	0	0
Periythumunai	226	337	310	25	2	0
Rahumaniya Nagar	225	307	282	19	6	0
Sinnakinniya	225A	7	7	0	0	0
Total		2512	2359	135	18	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 : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee 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
Annal nagr	225F	519	324	166	29	0
Faizal nagr	225G	662	386	232	44	0
Kattaiaru	225B	14	5	6	3	0
Kurinchakerny	226G	16	6	8	2	0
Mahareef nagr	225E	56	26	25	5	0
Malinthurai	226C	77	47	20	10	0
Manchelaichenai	225D	477	229	202	46	0
Periya kinniya	226B	40	17	15	8	0
Periythumunai	226	337	172	137	28	0
Rahumaniya Nagar	225	307	139	140	28	0
Sinnakinniya	225A	7	2	2	3	0
Total		2512	1353	953	206	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 : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		Affected Population #	Age Group (Years)			
Name	No.		Less than 5	5 - 14	15-29	30 or more
Annal nagr	225F	2169	277	554	686	652
Faizal nagr	225G	2804	292	745	900	867
Kattaiaru	225B	79	5	14	34	26
Kurinchakerny	226G	83	8	22	25	28
Mahareef nagr	225E	272	31	73	83	85
Malinthurai	226C	332	31	76	108	117
Manchelaichenai	225D	2299	235	542	779	743
Periya kinniya	226B	213	17	45	75	76
Periythumunai	226	1556	140	369	519	528
Rahumaniya Nagar	225	1479	146	368	437	528
Sinnakinniya	225A	43	4	11	16	12
Total		11329	1186	2819	3662	3662

*Statistics are given here only for the affected GN divisions

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

Note : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		Affected Population #	No of persons disabled/injured/sick ^{##} due to Tsunami
Name	No.		
Annal nagr	225F	2169	137
Faizal nagr	225G	2804	98
Kattaiaru	225B	79	0
Kurinchakerny	226G	83	0
Mahareef nagar	225E	272	1
Malinthurai	226C	332	2
Manchelaichenai	225D	2299	90
Periya kinniya	226B	213	3
Periythumunai	226	1556	15
Rahumaniya Nagar	225	1479	28
Sinnakinniya	225A	43	0
Total		11329	374

*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

Note : 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.

Source : Department of Census & Statistics

**Table 8: Number of persons² engaged in fishing⁺ before and after
Tsunami in affected GN divisions***

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Annal nagr	225F	250	73
Faizal nagr	225G	236	62
Kattaiaru	225B	5	1
Kurinchakerny	226G	1	0
Mahareef nagar	225E	5	2
Malinthurai	226C	18	14
Manchelaichenai	225D	51	6
Periya kinniya	226B	1	0
Periythumunai	226	47	8
Rahumaniya Nagar	225	84	20
Sinnakinniya	225A	1	0
Total		699	186

*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

² Persons engaged in the activity in the damaged housing units

Note : 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

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Annal nagr	225F	22	1
Faizal nagr	225G	87	9
Kattaiaru	225B	0	0
Kurinchakerny	226G	0	0
Mahareef nagar	225E	0	0
Malinthurai	226C	0	0
Manchelaichenai	225D	57	23
Periya kinniya	226B	0	0
Periythumunai	226	50	35
Rahumaniya Nagar	225	38	16
Sinnakinniya	225A	0	0
Total		254	84

*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

Note : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Annal nagr	225F	0	0
Faizal nagr	225G	0	0
Kattaiaru	225B	0	0
Kurinchakerny	226G	0	0
Mahareef nagar	225E	0	0
Malinthurai	226C	0	0
Manchelaichenai	225D	0	0
Periya kinniya	226B	0	0
Periythumunai	226	3	3
Rahumaniya Nagar	225	0	0
Sinnakinniya	225A	0	0
Total		3	3

*Statistics are given here only for the affected GN divisions

[?] Persons engaged in the activity in the damaged housing units

Note : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Annal nagr	225F	0	0
Faizal nagr	225G	0	0
Kattaiaru	225B	0	0
Kurinchakerny	226G	0	0
Mahareef nagar	225E	0	0
Malinthurai	226C	0	0
Manchelaichenai	225D	0	0
Periya kinniya	226B	0	0
Periythumunai	226	0	0
Rahumaniya Nagar	225	0	0
Sinnakinniya	225A	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

Note : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Annal nagr	225F	0	0
Faizal nagr	225G	0	0
Kattaiaru	225B	0	0
Kurinchakerny	226G	0	0
Mahareef nagar	225E	0	0
Malinthurai	226C	0	0
Manchelaichenai	225D	0	0
Periya kinniya	226B	0	0
Periythumunai	226	0	0
Rahumaniya Nagar	225	0	0
Sinnakinniya	225A	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

Note : 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.

Source : Department of Census & Statistics

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

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Annal nagr	225F	19	19
Faizal nagr	225G	20	19
Kattaiaru	225B	3	3
Kurinchakerny	226G	1	1
Mahareef nagar	225E	5	4
Malinthurai	226C	10	10
Manchelaichenai	225D	91	88
Periya kinniya	226B	11	9
Periythumunai	226	69	68
Rahumaniya Nagar	225	54	52
Sinnakinniya	225A	0	0
Total		283	273

*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

Note : 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.

Source : Department of Census & Statistics

Table 13: Number of persons² engaged in other employment⁺ before and after Tsunami in affected GN divisions*

Kinniya DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Annal nagr	225F	299	169
Faizal nagr	225G	382	225
Kattaiaru	225B	9	6
Kurinchakerny	226G	11	10
Mahareef nagar	225E	51	49
Malinthurai	226C	52	47
Manchelaichenai	225D	326	236
Periya kinniya	226B	35	24
Periythumunai	226	193	178
Rahumaniya Nagar	225	190	149
Sinnakinniya	225A	6	4
Total		1554	1097

*Statistics are given here only for the affected GN divisions

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

² Persons engaged in the activity in the damaged housing units

Note : 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.

Source : Department of Census & Statistics