



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)

**KUCHCHIWELI 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 Kuchcheweli 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**

Kuchcheweli 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
Akbal nagar	241D	27	17	10	0
Irenakkarni	239A	104	27	77	0
Jaya nagar	239C	467	222	245	0
Kasim nagar	239D	156	82	74	0
Kowalopuram	241B	170	82	87	1
Kuchchaweli	239	41	6	35	0
Kumburipit east	240B	26	3	23	0
Nilawali	241	36	25	10	1
Pullmute-2	31H	70	10	60	0
Senthur	237B	83	23	60	0
Thiriyaya	237	55	0	55	0
Velur	241C	365	207	157	1
Weerancholai	239B	172	51	121	0
Total		1772	755	1014	3

*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**

Kuchcheweli 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
Akbal nagar	241D	27	8	0	0	19	0
Irenakkarni	239A	104	101	3	0	0	0
Jaya nagar	239C	467	454	1	0	10	2
Kasim nagar	239D	156	151	2	1	2	0
Kowalopuram	241B	170	157	3	0	8	2
Kuchchaweli	239	41	38	0	0	2	1
Kumburipit east	240B	26	22	1	0	3	0
Nilawali	241	36	26	9	0	1	0
Pullmute-2	31H	70	70	0	0	0	0
Senthur	237B	83	79	0	0	4	0
Thiriyaya	237	55	55	0	0	0	0
Velur	241C	365	346	2	0	16	1
Weerancholai	239B	172	150	0	5	15	2
Total		1772	1657	21	6	80	8

*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**

Kuchcheweli 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
Akbal nagar	241D	27	3	19	5	0
Irenakkarni	239A	104	61	39	4	0
Jaya nagar	239C	467	212	188	51	16
Kasim nagar	239D	156	94	52	8	2
Kowalopuram	241B	170	63	95	10	2
Kuchchaweli	239	41	9	23	0	9
Kumburipit east	240B	26	18	8	0	0
Nilawali	241	36	9	18	8	1
Pullmute-2	31H	70	43	20	5	2
Senthur	237B	83	53	25	3	2
Thiriyaya	237	55	47	7	1	0
Velur	241C	365	126	197	37	5
Weerancholai	239B	172	115	54	0	3
Total		1772	853	745	132	42

*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***

Kuchcheweli 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
Akbal nagar	241D	27	27	0	0	0
Irenakkarni	239A	104	103	1	0	0
Jaya nagar	239C	467	461	6	0	0
Kasim nagar	239D	156	154	1	1	0
Kowalopuram	241B	170	169	1	0	0
Kuchchaweli	239	41	41	0	0	0
Kumburipit east	240B	26	26	0	0	0
Nilawali	241	36	32	3	1	0
Pullmute-2	31H	70	70	0	0	0
Senthur	237B	83	82	1	0	0
Thiriyaya	237	55	55	0	0	0
Velur	241C	365	358	6	1	0
Weerancholai	239B	172	172	0	0	0
Total		1772	1750	19	3	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 20

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**

Kuchcheweli 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
Akbal nagar	241D	27	14	13	0	0
Irenakkarni	239A	104	76	26	2	0
Jaya nagar	239C	467	300	149	18	0
Kasim nagar	239D	156	104	49	3	0
Kowalopuram	241B	170	112	55	3	0
Kuchchaweli	239	41	29	11	1	0
Kumburipit east	240B	26	17	9	0	0
Nilawali	241	36	14	20	2	0
Pullmute-2	31H	70	38	32	0	0
Senthur	237B	83	40	38	5	0
Thiriyaya	237	55	40	14	1	0
Velur	241C	365	238	113	14	0
Weerancholai	239B	172	122	48	2	0
Total		1772	1144	577	51	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

Kuchcheweli 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
Akbal nagar	241D	117	11	38	29	39
Irenakkarni	239A	387	57	84	120	126
Jaya nagar	239C	1874	273	502	523	576
Kasim nagar	239D	595	68	160	135	232
Kowalopuram	241B	640	65	117	215	243
Kuchchaweli	239	138	9	29	48	52
Kumburipit east	240B	91	10	14	34	33
Nilawali	241	167	15	31	56	65
Pullmute-2	31H	303	30	100	82	91
Senthur	237B	379	63	95	113	108
Thiriyaya	237	197	26	37	65	69
Velur	241C	1437	150	366	429	492
Weerancholai	239B	632	81	157	195	199
Total		6957	858	1730	2044	2325

*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*

Kuchcheweli DS division of Trincomalee District - April 2005

Affected GN Division		Affected Population #	No of persons disabled/injured/sick ^{##} due to Tsunami
Name	No.		
Akbal nagar	241D	117	3
Irenakkarni	239A	387	13
Jaya nagar	239C	1874	42
Kasim nagar	239D	595	8
Kowalopuram	241B	640	21
Kuchchaweli	239	138	1
Kumburipit east	240B	91	2
Nilawali	241	167	1
Pullmute-2	31H	303	43
Senthur	237B	379	2
Thiriyaya	237	197	5
Velur	241C	1437	64
Weerancholai	239B	632	1
Total		6957	206

*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 persons[?] engaged in fishing⁺ before and after Tsunami in affected GN divisions*

Kuchcheweli DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Akbal nagar	241D	4	1
Irenakkarni	239A	31	5
Jaya nagar	239C	210	13
Kasim nagar	239D	15	1
Kowalopuram	241B	11	6
Kuchchaweli	239	25	0
Kumburipit east	240B	5	3
Nilawali	241	1	1
Pullmute-2	31H	41	0
Senthur	237B	39	0
Thiriyaya	237	28	2
Velur	241C	73	1
Weerancholai	239B	74	0
Total		557	33

*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

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

Kuchcheweli DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Akbal nagar	241D	0	0
Irenakkarni	239A	10	1
Jaya nagar	239C	42	11
Kasim nagar	239D	1	0
Kowalopuram	241B	16	2
Kuchchaweli	239	0	0
Kumburipit east	240B	0	0
Nilawali	241	1	0
Pullmute-2	31H	16	0
Senthur	237B	10	0
Thiriyaya	237	37	0
Velur	241C	35	0
Weerancholai	239B	54	0
Total		222	14

*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*

Kuchcheweli DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Akbal nagar	241D	0	0
Irenakkarni	239A	0	0
Jaya nagar	239C	0	0
Kasim nagar	239D	4	4
Kowalopuram	241B	0	0
Kuchchaweli	239	0	0
Kumburipit east	240B	0	0
Nilawali	241	0	0
Pullmute-2	31H	0	0
Senthur	237B	0	0
Thiriyaya	237	0	0
Velur	241C	0	0
Weerancholai	239B	0	0
Total		4	4

*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*

Kuchcheweli DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Akbal nagar	241D	0	0
Irenakkarni	239A	0	0
Jaya nagar	239C	0	0
Kasim nagar	239D	1	0
Kowalopuram	241B	0	0
Kuchchaweli	239	0	0
Kumburipit east	240B	0	0
Nilawali	241	0	0
Pullmute-2	31H	0	0
Senthur	237B	0	0
Thiriyaya	237	0	0
Velur	241C	0	0
Weerancholai	239B	0	0
Total		1	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 persons² engaged in government employment⁺ before and after Tsunami in affected GN divisions*

Kuchcheweli DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Akbal nagar	241D	2	2
Irenakkarni	239A	0	0
Jaya nagar	239C	23	22
Kasim nagar	239D	15	15
Kowalopuram	241B	16	16
Kuchchaweli	239	2	2
Kumburipit east	240B	0	0
Nilawali	241	11	10
Pullmute-2	31H	1	1
Senthur	237B	0	0
Thiriyaya	237	0	0
Velur	241C	22	22
Weerancholai	239B	1	1
Total		93	91

*Statistics are given here only for the affected GN divisions

+ Persons employed in public sector, provincial public sector and semi government 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 later stage.

Source : Department of Census & Statistics

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

Kuchcheweli DS division of Trincomalee District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Akbal nagar	241D	25	3
Irenakkarni	239A	64	18
Jaya nagar	239C	258	94
Kasim nagar	239D	148	69
Kowalopuram	241B	160	95
Kuchchaweli	239	15	1
Kumburipit east	240B	26	23
Nilawali	241	38	37
Pullmute-2	31H	12	0
Senthur	237B	40	7
Thiriyaya	237	2	1
Velur	241C	347	37
Weerancholai	239B	63	7
Total		1198	392

*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