



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)

**PANADURA DS DIVISION
KALUTARA 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 Panadura DS division of the Kalutara 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 Panadura DS division of Kalutara 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**

Panadura DS division of Kalutara District - February 2005

Affected GN Division		Total no. of damaged** housing units	Material used for construction		
Name	No.		Permanent	Other [☼]	Not reported
Bazaar North	685A	49	42	7	0
Bazaar West	685C	103	87	16	0
Molligoda	704	11	10	1	0
Nallooruwa	692	172	122	50	0
Nallooruwa North	692A	150	115	35	0
Pallimankada	697B	151	96	55	0
Pattiya	686B	147	103	42	2
Pattiya North	685	17	15	2	0
Pinwatta West	696B	207	180	27	0
Sagara Place	685D	245	132	112	1
Thalpitiya North	697	42	30	12	0
Thalpitiya South	697A	8	7	1	0
Uyankele	686A	296	144	150	2
Wadduwa South	699A	215	168	47	0
Wadduwa West	699	152	119	33	0
Walana	679	8	8	0	0
Total		1973	1378	590	5

*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'

Source : Department of Census & Statistics

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

Panadura DS division of Kalutara District - February 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
Bazaar North	685A	49	18	5	0	25	1
Bazaar West	685C	103	67	20	0	16	0
Molligoda	704	11	4	0	6	1	0
Nallooruwa	692	172	97	6	56	13	0
Nallooruwa North	692A	150	73	8	41	28	0
Pallimankada	697B	151	64	4	60	22	1
Pattiya	686B	147	49	16	65	16	1
Pattiya North	685	17	4	0	0	13	0
Pinwatta West	696B	207	114	7	79	6	1
Sagara Place	685D	245	120	8	113	4	0
Thalpitiya North	697	42	18	0	10	14	0
Thalpitiya South	697A	8	7	1	0	0	0
Uyankele	686A	296	76	12	174	28	6
Wadduwa South	699A	215	99	6	96	14	0
Wadduwa West	699	152	62	9	60	19	2
Walana	679	8	7	0	0	1	0
Total		1973	879	102	760	220	12

*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.

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**

Panadura DS division of Kalutara District - February 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
Bazaar North	685A	49	9	17	23	0
Bazaar West	685C	103	27	40	33	3
Molligoda	704	11	2	6	3	0
Nallooruwa	692	172	58	76	33	5
Nallooruwa North	692A	150	34	58	56	2
Pallimankada	697B	151	79	47	23	2
Pattiya	686B	147	38	72	37	0
Pattiya North	685	17	4	2	10	1
Pinwatta West	696B	207	51	88	65	3
Sagara Place	685D	245	90	91	61	3
Thalpitiya North	697	42	20	8	13	1
Thalpitiya South	697A	8	0	5	3	0
Uyankele	686A	296	136	109	48	3
Wadduwa South	699A	215	84	79	45	7
Wadduwa West	699	152	57	66	29	0
Walana	679	8	2	4	2	0
Total		1973	691	768	484	30

*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.

Source : Department of Census & Statistics

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

Panadura DS division of Kalutara District - February 2005

Affected GN Division		Total no. of damaged** housing units	Number of families			
Name	No.		1 Family	2 Families	3 or more	Not reported
Bazaar North	685A	49	46	3	0	0
Bazaar West	685C	103	102	0	1	0
Molligoda	704	11	11	0	0	0
Nallooruwa	692	172	166	5	1	0
Nallooruwa North	692A	150	149	1	0	0
Pallimankada	697B	151	147	3	1	0
Pattiya	686B	147	137	7	3	0
Pattiya North	685	17	17	0	0	0
Pinwatta West	696B	207	197	10	0	0
Sagara Place	685D	245	235	9	1	0
Thalpitiya North	697	42	40	2	0	0
Thalpitiya South	697A	8	8	0	0	0
Uyankele	686A	296	288	5	3	0
Wadduwa South	699A	215	208	7	0	0
Wadduwa West	699	152	144	6	2	0
Walana	679	8	7	1	0	0
Total		1973	1902	59	12	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

Source : Department of Census & Statistics

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

Panadura DS division of Kalutara District - February 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
Bazaar North	685A	49	24	21	4	0
Bazaar West	685C	103	69	26	8	0
Molligoda	704	11	5	6	0	0
Nallooruwa	692	172	94	72	6	0
Nallooruwa North	692A	150	80	64	6	0
Pallimankada	697B	151	79	64	8	0
Pattiya	686B	147	93	45	9	0
Pattiya North	685	17	8	7	2	0
Pinwatta West	696B	207	121	72	14	0
Sagara Place	685D	245	168	71	6	0
Thalpitiya North	697	42	26	15	1	0
Thalpitiya South	697A	8	5	3	0	0
Uyankele	686A	296	193	94	9	0
Wadduwa South	699A	215	114	91	10	0
Wadduwa West	699	152	95	49	7	1
Walana	679	8	4	3	1	0
Total		1973	1178	703	91	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.

Source : Department of Census & Statistics

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

Panadura DS division of Kalutara District - February 2005

Affected GN Division		Affected Population #	Age Group (Years)			
Name	No.		Less than 5	5 - 14	15-29	30 or more
Bazaar North	685A	236	19	36	61	120
Bazaar West	685C	434	34	42	120	238
Molligoda	704	47	2	5	16	24
Nallooruwa	692	727	50	114	208	355
Nallooruwa North	692A	668	59	98	197	314
Pallimankada	697B	676	46	133	195	302
Pattiya	686B	631	50	102	175	304
Pattiya North	685	86	3	18	18	47
Pinwatta West	696B	929	64	169	256	440
Sagara Place	685D	954	72	132	281	469
Thalpitiya North	697	176	10	33	39	94
Thalpitiya South	697A	34	2	6	12	14
Uyankele	686A	1212	103	181	394	534
Wadduwa South	699A	989	108	159	256	466
Wadduwa West	699	648	56	114	193	285
Walana	679	38	3	4	8	23
Total		8485	681	1346	2429	4029

*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*

Panadura DS division of Kalutara District - February 2005

Affected GN Division		Affected Population #	No of persons disabled/injured/sick ^{##} due to Tsunami
Name	No.		
Bazaar North	685A	236	2
Bazaar West	685C	434	10
Molligoda	704	47	3
Nallooruwa	692	727	17
Nallooruwa North	692A	668	27
Pallimankada	697B	676	9
Pattiya	686B	631	19
Pattiya North	685	86	1
Pinwatta West	696B	929	13
Sagara Place	685D	954	15
Thalpitiya North	697	176	5
Thalpitiya South	697A	34	1
Uyankele	686A	1212	10
Wadduwa South	699A	989	23
Wadduwa West	699	648	14
Walana	679	38	1
Total		8485	170

*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^Δ engaged in fishing⁺ before and after
Tsunami in affected GN divisions***

Panadura DS division of Kalutara District - February 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Bazaar North	685A	1	0
Bazaar West	685C	4	2
Molligoda	704	1	1
Nallooruwa	692	4	0
Nallooruwa North	692A	1	0
Pallimankada	697B	39	4
Pattiya	686B	2	0
Pattiya North	685	1	1
Pinwatta West	696B	20	1
Sagara Place	685D	14	3
Thalpitiya North	697	11	5
Thalpitiya South	697A	0	0
Uyankele	686A	29	6
Wadduwa South	699A	52	22
Wadduwa West	699	37	7
Walana	679	0	0
Total		216	52

*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

^Δ Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

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

Panadura DS division of Kalutara District - February 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Bazaar North	685A	4	0
Bazaar West	685C	6	3
Molligoda	704	3	2
Nallooruwa	692	5	1
Nallooruwa North	692A	3	1
Pallimankada	697B	24	1
Pattiya	686B	11	6
Pattiya North	685	1	0
Pinwatta West	696B	20	4
Sagara Place	685D	15	5
Thalpitiya North	697	6	1
Thalpitiya South	697A	0	0
Uyankele	686A	28	5
Wadduwa South	699A	19	13
Wadduwa West	699	20	11
Walana	679	0	0
Total		165	53

*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.

^Δ Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

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

Panadura DS division of Kalutara District - February 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Bazaar North	685A	0	0
Bazaar West	685C	0	0
Molligoda	704	0	0
Nallooruwa	692	0	0
Nallooruwa North	692A	1	1
Pallimankada	697B	2	0
Pattiya	686B	0	0
Pattiya North	685	0	0
Pinwatta West	696B	1	0
Sagara Place	685D	0	0
Thalpitiya North	697	0	0
Thalpitiya South	697A	0	0
Uyankele	686A	0	0
Wadduwa South	699A	2	1
Wadduwa West	699	1	1
Walana	679	0	0
Total		7	3

*Statistics are given here only for the affected GN divisions

^Δ Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

Table11: Number of persons^Δ engaged in tourism industry before and after Tsunami in affected GN divisions*

Panadura DS division of Kalutara District - February 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Bazaar North	685A	6	2
Bazaar West	685C	3	3
Molligoda	704	5	4
Nallooruwa	692	2	2
Nallooruwa North	692A	1	1
Pallimankada	697B	6	3
Pattiya	686B	3	1
Pattiya North	685	0	0
Pinwatta West	696B	16	8
Sagara Place	685D	4	2
Thalpitiya North	697	0	0
Thalpitiya South	697A	1	0
Uyankele	686A	3	2
Wadduwa South	699A	4	2
Wadduwa West	699	3	0
Walana	679	0	0
Total		57	30

*Statistics are given here only for the affected GN divisions

^Δ Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

Table 12: Number of persons^Δ engaged in government employment⁺ before and after Tsunami in affected GN divisions*

Panadura DS division of Kalutara District - February 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Bazaar North	685A	6	6
Bazaar West	685C	21	21
Molligoda	704	1	1
Nallooruwa	692	20	20
Nallooruwa North	692A	27	23
Pallimankada	697B	20	18
Pattiya	686B	34	34
Pattiya North	685	3	2
Pinwatta West	696B	24	22
Sagara Place	685D	30	30
Thalpitiya North	697	10	10
Thalpitiya South	697A	1	1
Uyankele	686A	23	23
Wadduwa South	699A	23	22
Wadduwa West	699	28	22
Walana	679	3	3
Total		274	258

*Statistics are given here only for the affected GN divisions

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

Δ Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics

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

Panadura DS division of Kalutara District - February 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Bazaar North	685A	68	52
Bazaar West	685C	80	80
Molligoda	704	8	6
Nallooruwa	692	221	172
Nallooruwa North	692A	200	137
Pallimankada	697B	155	109
Pattiya	686B	186	133
Pattiya North	685	23	15
Pinwatta West	696B	201	141
Sagara Place	685D	307	197
Thalpitiya North	697	26	19
Thalpitiya South	697A	9	2
Uyankele	686A	369	256
Wadduwa South	699A	223	158
Wadduwa West	699	133	100
Walana	679	9	7
Total		2218	1584

*Statistics are given here only for the affected GN divisions

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

^Δ Persons engaged in the activity in the damaged housing units

Source : Department of Census & Statistics