



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)

MARITIMEPATTU DS DIVISION

MULLATIVU 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 Maritimé pattu DS division of the Mullativu 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 Maritimé pattu DS division of Mullativu districts x 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**

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		Total no. of damaged** housing units	Material used for construction		
Name	No.		Permanent	Other [⊙]	Not reported
Alampil North	86	257	32	225	0
Alampil South	87	269	20	247	2
Ampalavanpokkanai	100	510	115	395	0
Chemmalai	84	345	43	301	1
Chemmalai East	83	87	3	84	0
Chillawathai	88	433	114	319	0
Chillawathai South	89	256	16	240	0
Kallappadu North	91	395	249	140	6
Kallappadu South	90	376	72	304	0
Kovilkudiyiruppu	95	102	66	36	0
Manalkudiyiruppu	96	279	106	173	0
Mullaitivu South	93	152	17	135	0
Mullaitivu Town	97	135	95	40	0
Mullivaikkal West	99	317	105	212	0
Mullivarikkal East	98	435	62	373	0
Selvapuram	94	396	142	251	3
Uppumaveli	85	336	21	315	0
Vannankulam	92	316	71	245	0
Total		5396	1349	4035	12

*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**

Maritimepattu DS division of Mullativu 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
Alampil North	86	257	115	1	58	82	1
Alampil South	87	269	151	8	49	59	2
Ampalavanpokkanai	100	510	360	7	41	102	0
Chemmalai	84	345	255	8	0	81	1
Chemmalai East	83	87	71	0	14	2	0
Chillawathai	88	433	318	3	0	112	0
Chillawathai South	89	256	126	7	0	121	2
Kallappadu North	91	395	263	3	51	76	2
Kallappadu South	90	376	224	1	102	48	1
Kovilkudiyiruppu	95	102	71	3	0	28	0
Manalkudiyiruppu	96	279	231	3	1	42	2
Mullaitivu South	93	152	118	10	0	24	0
Mullaitivu Town	97	135	121	1	0	13	0
Mullivaikkal West	99	317	306	0	0	11	0
Mullivarikkal East	98	435	347	13	3	71	1
Selvapuram	94	396	303	42	6	44	1
Uppumaveli	85	336	193	5	7	131	0
Vannankulam	92	316	225	0	57	32	2
Total		5396	3798	115	389	1079	15

*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**

Maritimepattu DS division of Mullativu 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
Alampil North	86	257	245	8	4	0
Alampil South	87	269	83	152	31	3
Ampalavanpokkanai	100	510	485	19	5	1
Chemmalai	84	345	230	86	29	0
Chemmalai East	83	87	56	29	2	0
Chillawathai	88	433	268	156	9	0
Chillawathai South	89	256	211	42	3	0
Kallappadu North	91	395	83	166	144	2
Kallappadu South	90	376	247	116	13	0
Kovilkudiyiruppu	95	102	86	9	7	0
Manalkudiyiruppu	96	279	136	108	35	0
Mullaitivu South	93	152	114	33	5	0
Mullaitivu Town	97	135	128	2	2	3
Mullivaikkal West	99	317	304	9	4	0
Mullivarikkal East	98	435	303	100	29	3
Selvapuram	94	396	360	33	3	0
Uppumaveli	85	336	285	44	6	1
Vannankulam	92	316	193	100	19	4
Total		5396	3817	1212	350	17

*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***

Maritimepattu DS division of Mullativu 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
Alampil North	86	257	250	7	0	0
Alampil South	87	269	250	19	0	0
Ampalavanpokkanai	100	510	501	8	1	0
Chemmalai	84	345	326	19	0	0
Chemmalai East	83	87	86	1	0	0
Chillawathai	88	433	433	0	0	0
Chillawathai South	89	256	253	3	0	0
Kallappadu North	91	395	388	7	0	0
Kallappadu South	90	376	368	8	0	0
Kovilkudiyiruppu	95	102	101	1	0	0
Manalkudiyiruppu	96	279	278	1	0	0
Mullaitivu South	93	152	151	1	0	0
Mullaitivu Town	97	135	133	2	0	0
Mullivaikkal West	99	317	316	1	0	0
Mullivarikkal East	98	435	429	6	0	0
Selvapuram	94	396	395	1	0	0
Uppumaveli	85	336	332	4	0	0
Vannankulam	92	316	304	12	0	0
Total		5396	5294	101	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**

Maritimepattu DS division of Mullativu 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
Alampil North	86	257	113	94	50	0
Alampil South	87	269	108	111	50	0
Ampalavanpokkanai	100	510	303	157	50	0
Chemmalai	84	345	201	112	32	0
Chemmalai East	83	87	58	20	9	0
Chillawathai	88	433	252	162	19	0
Chillawathai South	89	256	192	59	5	0
Kallappadu North	91	395	253	126	16	0
Kallappadu South	90	376	277	89	10	0
Kovilkudiyiruppu	95	102	79	23	0	0
Manalkudiyiruppu	96	279	174	87	18	0
Mullaitivu South	93	152	95	48	9	0
Mullaitivu Town	97	135	70	57	8	0
Mullivaikkal West	99	317	169	119	29	0
Mullivarikkal East	98	435	253	152	30	0
Selvapuram	94	396	221	141	34	0
Uppumaveli	85	336	213	93	30	0
Vannankulam	92	316	178	90	48	0
Total		5396	3209	1740	447	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

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		Affected Population #	Age Group (Years)			
Name	No.		Less than 5	5 - 14	15-29	30 or more
Alampil North	86	1249	127	251	432	439
Alampil South	87	1415	136	322	500	457
Ampalavanpokkanai	100	2212	155	391	883	783
Chemmalai	84	1438	102	294	497	545
Chemmalai East	83	346	21	60	127	138
Chillawathai	88	1818	141	331	675	671
Chillawathai South	89	891	65	173	328	325
Kallappadu North	91	1534	76	286	498	674
Kallappadu South	90	1331	98	260	415	558
Kovilkudiyiruppu	95	342	34	68	83	157
Manalkudiyiruppu	96	1106	35	214	413	444
Mullaitivu South	93	639	42	107	244	246
Mullaitivu Town	97	585	34	109	206	236
Mullivaikkal West	99	1398	86	276	511	525
Mullivarikkal East	98	1770	102	329	733	606
Selvapuram	94	1724	175	442	547	560
Uppumaveli	85	1392	127	289	495	481
Vannankulam	92	1390	81	324	483	502
Total		22580	1637	4526	8070	8347

*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*

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		Affected Population #	No of persons disabled/injured/sick ^{##} due to Tsunami
Name	No.		
Alampil North	86	1249	246
Alampil South	87	1415	44
Ampalavanpokkanai	100	2212	277
Chemmalai	84	1438	62
Chemmalai East	83	346	0
Chillawathai	88	1818	125
Chillawathai South	89	891	115
Kallappadu North	91	1534	738
Kallappadu South	90	1331	411
Kovilkudiyiruppu	95	342	40
Manalkudiyiruppu	96	1106	389
Mullaitivu South	93	639	15
Mullaitivu Town	97	585	30
Mullivaikkal West	99	1398	109
Mullivarikkal East	98	1770	356
Selvapuram	94	1724	214
Uppumaveli	85	1392	98
Vannankulam	92	1390	441
Total		22580	3710

*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*

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Alampil North	86	133	129
Alampil South	87	97	84
Ampalavanpokkanai	100	195	143
Chemmalai	84	102	99
Chemmalai East	83	22	4
Chillawathai	88	129	120
Chillawathai South	89	64	54
Kallappadu North	91	385	117
Kallappadu South	90	174	169
Kovilkudiyiruppu	95	52	52
Manalkudiyiruppu	96	165	119
Mullaitivu South	93	11	11
Mullaitivu Town	97	78	76
Mullivaikkal West	99	196	195
Mullivarikkal East	98	261	245
Selvapuram	94	183	159
Uppumaveli	85	76	75
Vannankulam	92	213	118
Total		2536	1969

*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*

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Alampil North	86	47	47
Alampil South	87	98	96
Ampalavanpokkanai	100	65	44
Chemmalai	84	89	83
Chemmalai East	83	62	39
Chillawathai	88	127	120
Chillawathai South	89	20	9
Kallappadu North	91	198	12
Kallappadu South	90	138	3
Kovilkudiyiruppu	95	6	5
Manalkudiyiruppu	96	130	104
Mullaitivu South	93	0	0
Mullaitivu Town	97	0	0
Mullivaikkal West	99	60	57
Mullivarikkal East	98	18	13
Selvapuram	94	14	9
Uppumaveli	85	28	22
Vannankulam	92	177	128
Total		1277	791

*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*

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Alampil North	86	0	0
Alampil South	87	2	2
Ampalavanpokkanai	100	10	8
Chemmalai	84	0	0
Chemmalai East	83	0	0
Chillawathai	88	0	0
Chillawathai South	89	0	0
Kallappadu North	91	0	0
Kallappadu South	90	0	0
Kovilkudiyiruppu	95	0	0
Manalkudiyiruppu	96	15	1
Mullaitivu South	93	0	0
Mullaitivu Town	97	1	0
Mullivaikkal West	99	0	0
Mullivarikkal East	98	0	0
Selvapuram	94	0	0
Uppumaveli	85	0	0
Vannankulam	92	0	0
Total		28	11

*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[^] engaged in tourism industry before and after Tsunami in affected GN divisions*

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Alampil North	86	0	0
Alampil South	87	1	1
Ampalavanpokkanai	100	0	0
Chemmalai	84	0	0
Chemmalai East	83	0	0
Chillawathai	88	0	0
Chillawathai South	89	0	0
Kallappadu North	91	1	1
Kallappadu South	90	0	0
Kovilkudiyiruppu	95	0	0
Manalkudiyiruppu	96	0	0
Mullaitivu South	93	0	0
Mullaitivu Town	97	0	0
Mullivaikkal West	99	0	0
Mullivarikkal East	98	0	0
Selvapuram	94	0	0
Uppumaveli	85	0	0
Vannankulam	92	0	0
Total		2	2

*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*

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Alampil North	86	6	6
Alampil South	87	26	22
Ampalavanpokkanai	100	5	5
Chemmalai	84	46	40
Chemmalai East	83	1	1
Chillawathai	88	4	3
Chillawathai South	89	0	0
Kallappadu North	91	1	1
Kallappadu South	90	9	9
Kovilkudiyiruppu	95	16	15
Manalkudiyiruppu	96	5	4
Mullaitivu South	93	14	12
Mullaitivu Town	97	7	7
Mullivaikkal West	99	7	7
Mullivarikkal East	98	24	21
Selvapuram	94	24	22
Uppumaveli	85	6	4
Vannankulam	92	4	4
Total		205	183

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

Maritimepattu DS division of Mullativu District - April 2005

Affected GN Division		No. of persons engaged	
Name	No.	Before Tsunami	After Tsunami
Alampil North	86	168	162
Alampil South	87	217	171
Ampalavanpokkanai	100	389	339
Chemmalai	84	179	161
Chemmalai East	83	39	29
Chillawathai	88	232	225
Chillawathai South	89	309	268
Kallappadu North	91	22	18
Kallappadu South	90	90	69
Kovilkudiyiruppu	95	48	46
Manalkudiyiruppu	96	125	120
Mullaitivu South	93	179	172
Mullaitivu Town	97	113	103
Mullivaikkal West	99	154	145
Mullivarikkal East	98	351	320
Selvapuram	94	312	290
Uppumaveli	85	290	250
Vannankulam	92	60	55
Total		3277	2943

*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