

Table 9. Occupied Housing Units by Construction Materials of the Roof and Outer Walls and City/Municipality: 2007

Construction Materials of the Outer Walls and City/Municipality	Total Occupied Housing Units	Construction Materials of the Roof		
		Galvanized Iron/Aluminum	Tile Concrete/Clay Tile	Half Galvanized Iron and Half Concrete
ZAMBALES				
Total	108,285	86,066	534	7,601
Concrete/Brick/Stone	62,346	60,711	352	735
Wood	5,089	4,013	10	385
Half Concrete/Brick/Stone and Half Wood	19,575	13,196	110	5,620
Galvanized Iron/Aluminum	931	640	52	161
Bamboo/Sawali/Cogon/Nipa	18,708	6,701	-	652
Asbestos	18	9	1	2
Glass	57	33	3	2
Makeshift/Salvaged/Improvised Materials	757	360	-	38
Others/Not Reported	804	403	6	6
No Walls	-	-	-	-
BOTOLAN				
Total	10,634	7,693	36	910
Concrete/Brick/Stone	5,735	5,668	18	20
Wood	210	131	3	27
Half Concrete/Brick/Stone and Half Wood	2,138	1,329	12	715
Galvanized Iron/Aluminum	122	95	-	22
Bamboo/Sawali/Cogon/Nipa	2,340	426	-	125
Asbestos	-	-	-	-
Glass	1	1	-	-
Makeshift/Salvaged/Improvised Materials	59	35	-	-
Others/Not Reported	29	8	3	1
No Walls	-	-	-	-
CABANGAN				
Total	4,687	3,732	3	42
Concrete/Brick/Stone	2,628	2,572	3	3
Wood	61	48	-	1
Half Concrete/Brick/Stone and Half Wood	878	806	-	30
Galvanized Iron/Aluminum	20	17	-	-
Bamboo/Sawali/Cogon/Nipa	1,038	254	-	8
Asbestos	-	-	-	-
Glass	1	1	-	-
Makeshift/Salvaged/Improvised Materials	33	19	-	-
Others/Not Reported	28	15	-	-
No Walls	-	-	-	-

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		Galvanized Iron/Aluminum	Tile Concrete/Clay Tile	Half Galvanized Iron and Half Concrete
CANDELARIA				
Total	5,049	4,065	12	264
Concrete/Brick/Stone	2,322	2,270	9	14
Wood	342	260	2	9
Half Concrete/Brick/Stone and Half Wood	1,214	1,047	-	152
Galvanized Iron/Aluminum	31	14	-	11
Bamboo/Sawali/Cogon/Nipa	973	450	-	75
Asbestos	-	-	-	-
Glass	40	20	1	2
Makeshift/Salvaged/Improvised Materials	3	-	-	-
Others/Not Reported	124	4	-	1
No Walls	-	-	-	-
CASTILLEJOS				
Total	9,538	8,515	3	30
Concrete/Brick/Stone	7,130	7,055	3	3
Wood	180	152	-	1
Half Concrete/Brick/Stone and Half Wood	721	659	-	24
Galvanized Iron/Aluminum	50	45	-	-
Bamboo/Sawali/Cogon/Nipa	1,349	545	-	2
Asbestos	-	-	-	-
Glass	-	-	-	-
Makeshift/Salvaged/Improvised Materials	59	23	-	-
Others/Not Reported	49	36	-	-
No Walls	-	-	-	-
IBA (Capital)				
Total	9,684	8,582	1	26
Concrete/Brick/Stone	6,722	6,651	1	6
Wood	385	354	-	1
Half Concrete/Brick/Stone and Half Wood	1,178	1,115	-	16
Galvanized Iron/Aluminum	36	33	-	1
Bamboo/Sawali/Cogon/Nipa	1,274	373	-	2
Asbestos	-	-	-	-
Glass	-	-	-	-
Makeshift/Salvaged/Improvised Materials	27	15	-	-
Others/Not Reported	62	41	-	-
No Walls	-	-	-	-

Table 9. Occupied Housing Units by Construction Materials of the Roof and Outer Walls and City/Municipality: 2007

Construction Materials of the Outer Walls and City/Municipality	Total Occupied Housing Units	Construction Materials of the Roof		
		Galvanized Iron/Aluminum	Tile Concrete/Clay Tile	Half Galvanized Iron and Half Concrete
MASINLOC				
Total	8,484	6,284	134	842
Concrete/Brick/Stone	3,933	3,720	111	82
Wood	1,002	800	-	121
Half Concrete/Brick/Stone and Half Wood	1,634	1,024	19	541
Galvanized Iron/Aluminum	50	27	3	16
Bamboo/Sawali/Cogon/Nipa	1,800	691	-	71
Asbestos	5	-	-	2
Glass	-	-	-	-
Makeshift/Salvaged/Improvised Materials	27	9	-	7
Others/Not Reported	33	13	1	2
No Walls	-	-	-	-
PALAUIG				
Total	6,791	4,263	20	1,020
Concrete/Brick/Stone	3,058	2,961	10	28
Wood	94	62	-	10
Half Concrete/Brick/Stone and Half Wood	1,763	841	8	849
Galvanized Iron/Aluminum	78	22	1	45
Bamboo/Sawali/Cogon/Nipa	1,776	367	-	87
Asbestos	-	-	-	-
Glass	-	-	-	-
Makeshift/Salvaged/Improvised Materials	8	5	-	-
Others/Not Reported	14	5	1	1
No Walls	-	-	-	-
SAN ANTONIO				
Total	7,380	6,416	10	438
Concrete/Brick/Stone	4,690	4,374	8	291
Wood	197	187	-	2
Half Concrete/Brick/Stone and Half Wood	1,190	1,036	2	132
Galvanized Iron/Aluminum	33	25	-	3
Bamboo/Sawali/Cogon/Nipa	1,173	752	-	9
Asbestos	-	-	-	-
Glass	-	-	-	-
Makeshift/Salvaged/Improvised Materials	50	26	-	1
Others/Not Reported	47	16	-	-
No Walls	-	-	-	-

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Construction Materials of the Outer Walls and City/Municipality	Total Occupied Housing Units	Construction Materials of the Roof		
		Galvanized Iron/Aluminum	Tile Concrete/Clay Tile	Half Galvanized Iron and Half Concrete
SAN FELIPE				
Total	4,871	4,198	3	79
Concrete/Brick/Stone	3,444	3,405	2	11
Wood	91	75	-	2
Half Concrete/Brick/Stone and Half Wood	568	490	1	51
Galvanized Iron/Aluminum	17	14	-	1
Bamboo/Sawali/Cogon/Nipa	716	196	-	14
Asbestos	-	-	-	-
Glass	-	-	-	-
Makeshift/Salvaged/Improvised Materials	31	16	-	-
Others/Not Reported	4	2	-	-
No Walls	-	-	-	-
SAN MARCELINO				
Total	7,008	5,849	17	353
Concrete/Brick/Stone	4,333	4,245	12	56
Wood	146	127	-	16
Half Concrete/Brick/Stone and Half Wood	1,158	860	5	256
Galvanized Iron/Aluminum	77	54	-	12
Bamboo/Sawali/Cogon/Nipa	1,243	525	-	13
Asbestos	-	-	-	-
Glass	-	-	-	-
Makeshift/Salvaged/Improvised Materials	34	30	-	-
Others/Not Reported	17	8	-	-
No Walls	-	-	-	-
SAN NARCISO				
Total	5,860	5,053	62	310
Concrete/Brick/Stone	3,915	3,873	8	14
Wood	190	169	2	6
Half Concrete/Brick/Stone and Half Wood	791	490	15	273
Galvanized Iron/Aluminum	54	15	36	2
Bamboo/Sawali/Cogon/Nipa	859	482	-	14
Asbestos	-	-	-	-
Glass	1	-	1	-
Makeshift/Salvaged/Improvised Materials	28	21	-	1
Others/Not Reported	22	3	-	-
No Walls	-	-	-	-

Table 9. Occupied Housing Units by Construction Materials of the Roof and Outer Walls and City/Municipality: 2007

Construction Materials of the Outer Walls and City/Municipality	Total Occupied Housing Units	Construction Materials of the Roof		
		Galvanized Iron/Aluminum	Tile Concrete/Clay Tile	Half Galvanized Iron and Half Concrete

SANTA CRUZ

Total	11,465	10,121	18	88
Concrete/Brick/Stone	6,332	6,224	12	12
Wood	736	690	-	9
Half Concrete/Brick/Stone and Half Wood	1,727	1,591	6	53
Galvanized Iron/Aluminum	100	96	-	2
Bamboo/Sawali/Cogon/Nipa	2,180	1,208	-	11
Asbestos	2	2	-	-
Glass	-	-	-	-
Makeshift/Salvaged/Improvised Materials	94	72	-	1
Others/Not Reported	294	238	-	-
No Walls	-	-	-	-

SUBIC

Total	16,834	11,295	215	3,199
Concrete/Brick/Stone	8,104	7,693	155	195
Wood	1,455	958	3	180
Half Concrete/Brick/Stone and Half Wood	4,615	1,908	42	2,528
Galvanized Iron/Aluminum	263	183	12	46
Bamboo/Sawali/Cogon/Nipa	1,987	432	-	221
Asbestos	11	7	1	-
Glass	14	11	1	-
Makeshift/Salvaged/Improvised Materials	304	89	-	28
Others/Not Reported	81	14	1	1
No Walls	-	-	-	-

Table 9. Occupied Housing Units by Construction Materials of the Roof and Outer Walls and City/Municipality: 2007

Construction Materials of the Outer Walls and City/Municipality	Construction Materials of the Roof				
	Wood	Cogon/Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised materials	Asbestos/ Others	Not Reported
ZAMBALES					
Total	741	12,370	335	236	402
Concrete/Brick/Stone	71	342	21	72	42
Wood	246	393	20	14	8
Half Concrete/Brick/Stone and Half Wood	154	433	19	29	14
Galvanized Iron/Aluminum	29	39	4	3	3
Bamboo/Sawali/Cogon/Nipa	218	11,002	44	70	21
Asbestos	-	-	-	4	2
Glass	17	-	-	-	2
Makeshift/Salvaged/Improvised Materials	5	113	226	8	7
Others/Not Reported	1	48	1	36	303
No Walls	-	-	-	-	-
BOTOLAN					
Total	30	1,928	3	11	23
Concrete/Brick/Stone	1	20	-	4	4
Wood	11	38	-	-	-
Half Concrete/Brick/Stone and Half Wood	5	73	-	3	1
Galvanized Iron/Aluminum	-	5	-	-	-
Bamboo/Sawali/Cogon/Nipa	13	1,769	-	2	5
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	19	3	2	-
Others/Not Reported	-	4	-	-	13
No Walls	-	-	-	-	-
CABANGAN					
Total	6	879	5	7	13
Concrete/Brick/Stone	1	43	-	2	4
Wood	1	10	-	1	-
Half Concrete/Brick/Stone and Half Wood	-	40	-	1	1
Galvanized Iron/Aluminum	-	3	-	-	-
Bamboo/Sawali/Cogon/Nipa	4	767	2	2	1
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	10	3	1	-
Others/Not Reported	-	6	-	-	7
No Walls	-	-	-	-	-

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Construction Materials of the Outer Walls and City/Municipality	Construction Materials of the Roof				
	Wood	Cogon/Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised materials	Asbestos/ Others	Not Reported
CANDELARIA					
Total	109	468	2	4	125
Concrete/Brick/Stone	22	4	-	1	2
Wood	36	32	-	2	1
Half Concrete/Brick/Stone and Half Wood	4	10	-	-	1
Galvanized Iron/Aluminum	6	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	24	421	-	1	2
Asbestos	-	-	-	-	-
Glass	17	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	1	2	-	-
Others/Not Reported	-	-	-	-	119
No Walls	-	-	-	-	-
CASTILLEJOS					
Total	5	911	45	19	10
Concrete/Brick/Stone	-	54	9	2	4
Wood	3	19	4	1	-
Half Concrete/Brick/Stone and Half Wood	-	24	6	8	-
Galvanized Iron/Aluminum	-	3	1	1	-
Bamboo/Sawali/Cogon/Nipa	1	792	4	3	2
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	1	13	21	1	-
Others/Not Reported	-	6	-	3	4
No Walls	-	-	-	-	-
IBA (Capital)					
Total	17	972	12	57	17
Concrete/Brick/Stone	-	31	2	29	2
Wood	8	21	-	1	-
Half Concrete/Brick/Stone and Half Wood	1	32	2	12	-
Galvanized Iron/Aluminum	-	1	-	1	-
Bamboo/Sawali/Cogon/Nipa	8	881	-	10	-
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	4	8	-	-
Others/Not Reported	-	2	-	4	15
No Walls	-	-	-	-	-

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Construction Materials of the Outer Walls and City/Municipality	Construction Materials of the Roof				
	Wood	Cogon/Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised materials	Asbestos/ Others	Not Reported
MASINLOC					
Total	21	1,169	8	16	10
Concrete/Brick/Stone	2	14	-	3	1
Wood	4	73	-	2	2
Half Concrete/Brick/Stone and Half Wood	12	36	-	2	-
Galvanized Iron/Aluminum	-	4	-	-	-
Bamboo/Sawali/Cogon/Nipa	3	1,030	4	-	1
Asbestos	-	-	-	3	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	7	4	-	-
Others/Not Reported	-	5	-	6	6
No Walls	-	-	-	-	-
PALAUIG					
Total	50	1,422	4	-	12
Concrete/Brick/Stone	-	58	-	-	1
Wood	5	17	-	-	-
Half Concrete/Brick/Stone and Half Wood	9	53	-	-	3
Galvanized Iron/Aluminum	3	6	-	-	1
Bamboo/Sawali/Cogon/Nipa	33	1,285	2	-	2
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	1	2	-	-
Others/Not Reported	-	2	-	-	5
No Walls	-	-	-	-	-
SAN ANTONIO					
Total	15	436	31	3	31
Concrete/Brick/Stone	-	11	4	2	-
Wood	3	5	-	-	-
Half Concrete/Brick/Stone and Half Wood	4	13	2	-	1
Galvanized Iron/Aluminum	1	3	1	-	-
Bamboo/Sawali/Cogon/Nipa	6	398	7	1	-
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	6	17	-	-
Others/Not Reported	1	-	-	-	30
No Walls	-	-	-	-	-

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	Wood	Cogon/Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised materials	Asbestos/ Others	Not Reported
SAN FELIPE					
Total	8	573	9	1	-
Concrete/Brick/Stone	-	26	-	-	-
Wood	4	10	-	-	-
Half Concrete/Brick/Stone and Half Wood	1	25	-	-	-
Galvanized Iron/Aluminum	-	2	-	-	-
Bamboo/Sawali/Cogon/Nipa	3	499	3	1	-
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	9	6	-	-
Others/Not Reported	-	2	-	-	-
No Walls	-	-	-	-	-
SAN MARCELINO					
Total	32	736	11	2	8
Concrete/Brick/Stone	4	12	2	1	1
Wood	-	3	-	-	-
Half Concrete/Brick/Stone and Half Wood	15	20	2	-	-
Galvanized Iron/Aluminum	-	9	2	-	-
Bamboo/Sawali/Cogon/Nipa	13	687	4	1	-
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	3	1	-	-
Others/Not Reported	-	2	-	-	7
No Walls	-	-	-	-	-
SAN NARCISO					
Total	41	368	1	5	20
Concrete/Brick/Stone	6	8	-	5	1
Wood	3	10	-	-	-
Half Concrete/Brick/Stone and Half Wood	7	6	-	-	-
Galvanized Iron/Aluminum	1	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	24	339	-	-	-
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	5	1	-	-
Others/Not Reported	-	-	-	-	19
No Walls	-	-	-	-	-

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	Wood	Cogon/Nipa/ Anahaw	Makeshift/ Salvaged/ Improvised materials	Asbestos/ Others	Not Reported
SANTA CRUZ					
Total	76	1,028	11	92	31
Concrete/Brick/Stone	17	42	1	17	7
Wood	3	31	-	2	1
Half Concrete/Brick/Stone and Half Wood	20	52	-	1	4
Galvanized Iron/Aluminum	2	-	-	-	-
Bamboo/Sawali/Cogon/Nipa	34	876	2	46	3
Asbestos	-	-	-	-	-
Glass	-	-	-	-	-
Makeshift/Salvaged/Improvised Materials	-	11	7	3	-
Others/Not Reported	-	16	1	23	16
No Walls	-	-	-	-	-
SUBIC					
Total	331	1,480	193	19	102
Concrete/Brick/Stone	18	19	3	6	15
Wood	165	124	16	5	4
Half Concrete/Brick/Stone and Half Wood	76	49	7	2	3
Galvanized Iron/Aluminum	16	3	-	1	2
Bamboo/Sawali/Cogon/Nipa	52	1,258	16	3	5
Asbestos	-	-	-	1	2
Glass	-	-	-	-	2
Makeshift/Salvaged/Improvised Materials	4	24	151	1	7
Others/Not Reported	-	3	-	-	62
No Walls	-	-	-	-	-