

TABLE 4.2: PERCENT DISTRIBUTION OF HOUSEHOLDS BY MATERIAL USED FOR ROOF

PROVINCE & DISTRICT	MATERIAL USED FOR ROOF				TOTAL
	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Pakistan	27.80	36.00	6.78	29.43	100.00
Urban	59.53	13.02	6.42	21.03	100.00
Rural	11.47	47.82	6.96	33.75	100.00
Punjab	24.91	31.20	4.93	38.96	100.00
Urban	54.41	15.29	3.42	26.88	100.00
Rural	11.23	38.57	5.64	44.56	100.00
Islamabad	89.14	4.51	1.50	4.85	100.00
Urban	92.92	4.29	1.12	1.67	100.00
Rural	82.63	4.90	2.14	10.33	100.00
Attock	41.93	24.94	2.75	30.38	100.00
Urban	76.74	7.98	5.99	9.29	100.00
Rural	32.81	29.39	1.90	35.90	100.00
Rawalpindi	63.24	5.72	7.68	23.36	100.00
Urban	92.74	2.36	1.41	3.49	100.00
Rural	35.98	8.83	13.46	41.73	100.00
Jhelum	37.37	12.88	2.32	47.43	100.00
Urban	67.16	10.79	2.18	19.87	100.00
Rural	27.25	13.59	2.36	56.80	100.00
Chakwal	48.39	21.40	14.74	15.47	100.00
Urban	86.31	1.47	4.84	7.39	100.00
Rural	42.80	24.34	16.20	16.66	100.00
Sargodha	10.74	30.58	0.37	58.30	100.00
Urban	34.41	15.58	0.75	49.26	100.00
Rural	2.84	35.59	0.25	61.32	100.00
Bhakhar	15.92	40.85	1.48	41.76	100.00
Urban	37.94	35.90	2.35	23.81	100.00
Rural	12.00	41.73	1.32	44.95	100.00
Khushab	7.19	35.28	0.56	56.97	100.00
Urban	8.54	31.27	0.49	59.69	100.00
Rural	6.72	36.69	0.58	56.01	100.00
Mianwali	1.46	15.73	0.66	82.15	100.00
Urban	4.67	8.44	0.00	86.88	100.00
Rural	0.63	17.60	0.83	80.94	100.00
Faisalabad	17.22	31.70	1.64	49.44	100.00
Urban	35.71	13.88	2.38	48.03	100.00
Rural	2.14	46.23	1.03	50.59	100.00
Jhang	3.21	42.99	5.27	48.52	100.00
Urban	7.14	38.83	9.33	44.70	100.00
Rural	2.03	44.25	4.05	49.68	100.00
T.T.Singh	7.42	36.94	4.99	50.65	100.00
Urban	27.34	31.50	6.35	34.80	100.00
Rural	2.15	38.38	4.63	54.85	100.00
Chiniot	3.99	51.26	0.61	44.13	100.00
Urban	12.52	29.76	2.12	55.61	100.00
Rural	0.54	59.98	0.00	39.48	100.00

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PROVINCE & DISTRICT	MATERIAL USED FOR ROOF				TOTAL
	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Gujranwala	53.90	43.48	0.46	2.16	
Urban	73.47	24.13	0.21	2.19	100.00
Rural	32.03	65.11	0.75	2.11	100.00
Gujrat	44.20	45.43	1.14	9.23	
Urban	66.45	21.03	0.95	11.57	100.00
Rural	36.16	54.24	1.22	8.38	100.00
Sialkot	49.54	35.79	1.18	13.50	
Urban	77.26	20.03	0.32	2.38	100.00
Rural	39.96	41.24	1.47	17.34	100.00
Hafizabad	17.89	50.00	2.82	29.29	
Urban	37.21	40.29	0.47	22.03	100.00
Rural	10.06	53.94	3.77	32.23	100.00
Mandi Bahuddin	19.20	51.35	3.03	26.42	
Urban	53.32	29.08	3.98	13.62	100.00
Rural	13.28	55.22	2.86	28.64	100.00
Narowal	20.05	44.29	20.26	15.39	
Urban	49.35	29.81	14.56	6.28	100.00
Rural	15.51	46.54	21.15	16.80	100.00
Lahore	76.42	8.25	3.76	11.58	
Urban	84.20	5.33	3.39	7.09	100.00
Rural	37.03	23.02	5.62	34.32	100.00
Kasur	16.62	37.59	6.96	38.83	
Urban	45.84	24.22	5.57	24.37	100.00
Rural	6.23	42.34	7.45	43.98	100.00
Sheikhupura	36.60	34.23	6.16	23.01	
Urban	69.73	17.14	3.05	10.08	100.00
Rural	17.47	44.10	7.95	30.47	100.00
Nankana Sahib	10.07	46.97	10.56	32.40	
Urban	25.79	38.23	1.42	34.55	100.00
Rural	6.07	49.19	12.89	31.85	100.00
Vehari	7.31	25.76	0.34	66.59	
Urban	29.19	11.06	0.00	59.75	100.00
Rural	2.18	29.20	0.42	68.20	100.00
Multan	18.80	43.02	5.14	33.04	
Urban	38.43	27.42	4.24	29.91	100.00
Rural	6.72	52.62	5.69	34.97	100.00
Khanewal	4.85	33.81	4.39	56.95	
Urban	18.00	24.21	3.47	54.33	100.00
Rural	1.74	36.08	4.61	57.57	100.00
Lodhran	4.80	43.29	11.10	40.81	
Urban	15.68	32.84	3.72	47.77	100.00
Rural	3.21	44.82	12.18	39.79	100.00
D.G.Khan	4.14	71.13	10.09	14.63	
Urban	23.82	20.58	26.70	28.90	100.00
Rural	1.42	78.13	7.79	12.66	100.00

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PROVINCE & DISTRICT	MATERIAL USED FOR ROOF				TOTAL
	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Rajanpur	1.47	70.89	16.54	11.10	
Urban	10.42	37.84	40.52	11.21	100.00
Rural	0.18	75.64	13.09	11.09	100.00
Layyah	1.55	32.65	45.52	20.28	
Urban	5.01	29.49	39.97	25.53	100.00
Rural	0.87	33.27	46.61	19.25	100.00
Muzaffar Garh	2.01	51.48	0.14	46.37	
Urban	10.98	23.67	0.00	65.35	100.00
Rural	0.49	56.18	0.16	43.16	100.00
Bahawalpur	7.20	12.28	0.05	80.47	100.00
Urban	21.64	6.15	0.16	72.05	100.00
Rural	1.00	14.92	0.00	84.08	100.00
Bahawalnager	8.77	4.78	0.81	85.64	100.00
Urban	19.80	2.58	2.90	74.72	100.00
Rural	6.10	5.32	0.30	88.28	100.00
Rahim Yar Khan	4.04	16.82	0.17	78.97	100.00
Urban	15.51	9.00	0.00	75.49	100.00
Rural	0.73	19.08	0.21	79.97	100.00
Sahiwal	8.20	26.07	3.56	62.16	100.00
Urban	32.14	18.93	6.83	42.09	100.00
Rural	3.62	27.44	2.93	66.01	100.00
Pakputten	4.73	39.63	8.22	47.41	100.00
Urban	16.82	32.71	9.17	41.30	100.00
Rural	2.50	40.91	8.05	48.54	100.00
Okara	8.80	36.09	15.24	39.86	100.00
Urban	36.73	21.09	6.88	35.30	100.00
Rural	4.19	38.57	16.62	40.62	100.00

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PROVINCE & DISTRICT	MATERIAL USED FOR ROOF				TOTAL
	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Sindh	37.52	32.03	8.67	21.79	100.00
Urban	69.76	5.57	10.00	14.68	100.00
Rural	3.25	60.16	7.25	29.34	100.00
Khairpur	0.46	45.22	5.01	49.30	
Urban	0.53	25.92	4.21	69.34	100.00
Rural	0.43	52.55	5.32	41.70	100.00
Sukkur	10.76	37.01	1.53	50.70	
Urban	23.09	13.47	2.95	60.49	100.00
Rural	0.00	57.53	0.30	42.17	100.00
Nawabshah	10.75	48.64	0.15	40.47	
Urban	27.47	15.50	0.48	56.56	100.00
Rural	3.40	63.20	0.00	33.40	100.00
Nowshero Feroze	4.50	36.43	6.18	52.89	
Urban	2.74	8.97	9.65	78.65	100.00
Rural	4.89	42.51	5.42	47.19	100.00
Ghotki	1.58	41.99	0.32	56.12	
Urban	8.70	18.18	0.00	73.12	100.00
Rural	0.16	46.72	0.38	52.74	100.00
Jaccobabad	1.04	67.57	1.67	29.71	
Urban	1.64	19.37	0.69	78.30	100.00
Rural	0.89	80.12	1.93	17.06	100.00
Kashmore	3.26	63.31	0.26	33.17	
Urban	1.51	25.68	0.00	72.80	100.00
Rural	3.69	72.61	0.33	23.38	100.00
Shikarpur	0.47	54.80	0.52	44.21	
Urban	1.69	19.98	0.67	77.67	100.00
Rural	0.12	64.57	0.48	34.83	100.00
Larkana	4.28	55.76	0.92	39.04	
Urban	8.11	35.19	1.28	55.42	100.00
Rural	1.71	69.52	0.69	28.08	100.00
Shahdad Kot	0.55	60.08	0.83	38.53	
Urban	2.25	36.52	1.15	60.09	100.00
Rural	0.15	65.65	0.76	33.44	100.00
Dadu	0.70	26.26	47.75	25.30	
Urban	2.81	11.53	59.50	26.16	100.00
Rural	0.18	29.90	44.84	25.08	100.00
Jamshoro	8.92	38.92	19.69	32.47	
Urban	29.92	14.29	25.46	30.32	100.00
Rural	2.91	45.97	18.04	33.08	100.00
Hyderabad	67.55	9.29	3.63	19.52	
Urban	80.90	1.95	3.46	13.68	100.00
Rural	10.81	40.46	4.38	44.35	100.00
Matiari	7.17	41.69	0.26	50.87	
Urban	22.29	15.26	0.00	62.45	100.00
Rural	3.05	48.89	0.34	47.72	100.00

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	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Tando Allah Yar	21.99	27.84	21.56	28.61	
Urban	47.24	1.69	21.97	29.10	100.00
Rural	10.83	39.39	21.38	28.40	100.00
Tando Muhammad Khan	6.66	63.69	1.53	28.12	
Urban	36.16	25.33	4.79	33.72	100.00
Rural	0.43	71.78	0.84	26.94	100.00
Badin	8.30	70.20	2.49	19.01	
Urban	51.57	15.73	7.69	25.01	100.00
Rural	0.23	80.36	1.52	17.89	100.00
Thatta	13.24	60.88	21.26	4.61	
Urban	60.10	18.15	21.75	0.00	100.00
Rural	5.20	68.22	21.17	5.41	100.00
Sanghar	1.70	45.94	0.39	51.97	
Urban	5.47	24.66	0.56	69.31	100.00
Rural	0.46	52.91	0.34	46.29	100.00
Mir Pur Khas	30.38	58.12	0.13	11.38	
Urban	78.51	8.79	0.00	12.70	100.00
Rural	9.28	79.74	0.18	10.80	100.00
Umer Kot	13.68	64.65	0.23	21.44	
Urban	39.33	42.86	0.00	17.81	100.00
Rural	7.76	69.68	0.28	22.28	100.00
Tharparker	3.85	80.07	0.00	16.08	
Urban	40.06	42.94	0.00	16.99	100.00
Rural	2.19	81.77	0.00	16.04	100.00
Karachi	85.42	1.28	12.94	0.36	
Urban	87.68	0.20	11.83	0.29	100.00
Rural	26.58	29.42	41.94	2.06	100.00

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PROVINCE & DISTRICT	MATERIAL USED FOR ROOF				TOTAL
	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Khyber Pakhtunkhwa	31.48	50.86	10.34	7.32	100.00
Urban	63.39	25.19	4.95	6.47	100.00
Rural	25.04	56.04	11.43	7.49	100.00
Swat	45.89	48.27	5.60	0.23	
Urban	82.17	17.83	0.00	0.00	100.00
Rural	40.31	52.95	6.47	0.27	100.00
Upper Dir	11.12	84.31	4.57	0.00	
Urban	28.68	53.63	17.69	0.00	100.00
Rural	10.39	85.58	4.03	0.00	100.00
Lower Dir	30.09	68.89	1.02	0.00	
Urban	60.25	37.30	2.45	0.00	100.00
Rural	28.27	70.80	0.93	0.00	100.00
Chitral	1.36	77.83	20.81	0.00	
Urban	9.02	68.20	22.78	0.00	100.00
Rural	0.48	78.94	20.58	0.00	100.00
Shangla	21.21	71.05	7.73	0.00	
Urban	0.00	0.00	0.00	0.00	0.00
Rural	21.21	71.05	7.73	0.00	100.00
Malakand	31.45	61.81	5.51	1.23	
Urban	56.56	43.44	0.00	0.00	100.00
Rural	29.11	63.53	6.02	1.34	100.00
Bonair	31.15	65.42	3.02	0.41	100.00
Urban	0.00	0.00	0.00	0.00	0.00
Rural	31.15	65.42	3.02	0.41	100.00
Peshawar	57.02	37.74	2.64	2.60	100.00
Urban	76.68	20.59	0.99	1.74	100.00
Rural	34.67	57.23	4.51	3.59	100.00
Charsada	34.82	55.30	5.63	4.26	100.00
Urban	44.84	47.10	1.21	6.85	100.00
Rural	32.59	57.12	6.61	3.68	100.00
Nowshera	38.32	46.32	6.76	8.60	100.00
Urban	42.33	42.04	9.51	6.12	100.00
Rural	37.00	47.73	5.86	9.41	100.00
Kohat	26.22	46.11	6.70	20.97	100.00
Urban	64.94	17.77	2.70	14.60	100.00
Rural	11.36	56.98	8.23	23.42	100.00
Karak	0.57	66.90	7.50	25.03	100.00
Urban	7.06	28.75	21.38	42.81	100.00
Rural	0.20	69.07	6.71	24.02	100.00
Hangu	36.04	43.17	6.04	14.74	100.00
Urban	58.20	22.08	7.10	12.62	100.00
Rural	29.77	49.15	5.74	15.34	100.00
D.I.Khan	4.45	63.83	7.27	24.45	100.00
Urban	20.46	32.07	14.39	33.07	100.00
Rural	1.99	68.72	6.17	23.12	100.00

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	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Tank	3.87	62.09	1.69	32.34	100.00
Urban	17.60	20.40	0.00	62.00	100.00
Rural	2.41	66.55	1.87	29.18	100.00
Mansehra	24.63	30.88	41.60	2.89	100.00
Urban	83.56	6.64	8.32	1.48	100.00
Rural	20.31	32.66	44.03	3.00	100.00
Abbottabad	43.54	33.60	21.85	1.01	100.00
Urban	83.99	1.94	14.07	0.00	100.00
Rural	36.32	39.25	23.24	1.19	100.00
Batagram	21.38	25.66	52.51	0.46	100.00
Urban	0.00	0.00	0.00	0.00	0.00
Rural	21.38	25.66	52.51	0.46	100.00
Kohistan	1.41	88.11	10.21	0.26	100.00
Urban	0.00	0.00	0.00	0.00	0.00
Rural	1.41	88.11	10.21	0.26	100.00
Haripur	58.94	22.11	12.60	6.35	100.00
Urban	91.56	7.23	0.54	0.68	100.00
Rural	53.95	24.39	14.45	7.22	100.00
Bannu	15.46	56.69	2.93	24.91	100.00
Urban	53.42	17.51	16.93	12.14	100.00
Rural	13.58	58.64	2.24	25.55	100.00
Lakki Marwat	3.21	79.33	8.59	8.86	100.00
Urban	2.98	16.65	47.24	33.13	100.00
Rural	3.24	86.64	4.09	6.03	100.00
Mardan	29.42	55.26	6.59	8.73	100.00
Urban	56.65	34.94	2.55	5.87	100.00
Rural	22.58	60.36	7.60	9.45	100.00
Swabi	51.73	35.11	3.39	9.78	100.00
Urban	57.07	32.15	2.98	7.80	100.00
Rural	50.58	35.74	3.47	10.20	100.00

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	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Balochistan	7.09	72.71	10.39	9.81	100.00
Urban	27.10	32.34	20.21	20.35	100.00
Rural	1.34	84.31	7.57	6.78	100.00
Quetta	35.69	26.84	20.11	17.35	100.00
Urban	42.38	19.95	21.06	16.60	100.00
Rural	10.31	52.98	16.50	20.21	100.00
Pashin	1.80	82.85	15.35	0.00	100.00
Urban	3.84	69.58	26.58	0.00	100.00
Rural	1.70	83.48	14.82	0.00	100.00
Qilla Abdullah	3.28	79.76	14.73	2.24	100.00
Urban	30.19	55.86	9.46	4.49	100.00
Rural	0.25	82.44	15.32	1.99	100.00
Chaghi	2.19	73.36	6.27	18.18	100.00
Urban	23.22	15.63	21.65	39.51	100.00
Rural	0.00	79.38	4.66	15.96	100.00
Nushki	6.47	73.04	5.22	15.26	100.00
Urban	28.73	32.51	13.40	25.36	100.00
Rural	0.66	83.62	3.09	12.63	100.00
Sibbi	11.35	43.42	9.97	35.25	100.00
Urban	22.00	21.78	20.37	35.86	100.00
Rural	2.71	61.00	1.53	34.76	100.00
Ziarat	0.00	70.14	26.27	3.58	100.00
Urban	0.00	15.20	84.80	0.00	100.00
Rural	0.00	74.17	21.98	3.84	100.00
Kohlu	1.37	83.22	0.82	14.58	100.00
Urban	29.41	17.63	17.63	35.33	100.00
Rural	0.00	86.43	0.00	13.57	100.00
Dera Bugti	0.00	93.55	3.79	2.66	100.00
Urban	0.00	16.27	15.78	67.95	100.00
Rural	0.00	96.33	3.35	0.31	100.00
Harnai	0.24	83.49	0.53	15.75	100.00
Urban	0.00	0.00	0.00	0.00	0.00
Rural	0.24	83.49	0.53	15.75	100.00
Kalat	2.51	86.48	7.71	3.30	100.00
Urban	5.63	78.12	16.25	0.00	100.00
Rural	2.08	87.64	6.53	3.75	100.00
Mastung	2.41	65.90	7.49	24.20	100.00
Urban	9.46	57.14	28.51	4.89	100.00
Rural	0.76	67.95	2.55	28.74	100.00
Khuzdar	4.88	78.86	11.86	4.41	100.00
Urban	19.73	69.39	10.87	0.00	100.00
Rural	0.70	81.52	12.13	5.65	100.00
Awaran	0.00	79.21	2.72	18.06	100.00
Urban	0.00	0.00	0.00	0.00	0.00
Rural	0.00	79.21	2.72	18.06	100.00

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PROVINCE & DISTRICT	MATERIAL USED FOR ROOF				TOTAL
	RCC/RBC	WOOD/ BAMBOO	SHEET/IRON/ CEMENT	OTHER	
Kharan	0.92	87.23	3.32	8.53	100.00
Urban	6.27	42.52	6.27	44.94	100.00
Rural	0.00	94.93	2.81	2.26	100.00
Washuk	0.62	84.33	1.84	13.21	100.00
Urban	0.00	0.00	0.00	0.00	0.00
Rural	0.62	84.33	1.84	13.21	100.00
Lasbilla	18.05	56.50	25.45	0.00	100.00
Urban	43.35	33.21	23.44	0.00	100.00
Rural	8.19	65.58	26.23	0.00	100.00
Ketch/Turbat	4.98	78.10	10.95	5.97	100.00
Urban	19.83	41.37	26.55	12.25	100.00
Rural	1.92	85.69	7.72	4.67	100.00
Gwadar	5.83	60.77	18.71	14.68	100.00
Urban	11.75	32.53	24.83	30.89	100.00
Rural	1.14	83.19	13.85	1.82	100.00
Panjgur	0.09	86.81	5.05	8.04	100.00
Urban	0.00	46.98	21.92	31.10	100.00
Rural	0.11	91.14	3.22	5.53	100.00
Zhob	0.80	83.24	14.14	1.82	100.00
Urban	3.63	40.32	49.94	6.11	100.00
Rural	0.28	91.17	7.52	1.02	100.00
Loralai	1.40	77.64	9.27	11.69	100.00
Urban	8.21	24.18	19.29	48.33	100.00
Rural	0.27	86.57	7.60	5.57	100.00
Barkhan	0.96	86.25	12.80	0.00	100.00
Urban	4.27	20.93	74.80	0.00	100.00
Rural	0.56	93.98	5.46	0.00	100.00
Musa Khel	0.00	96.97	0.23	2.80	100.00
Urban	0.00	0.00	0.00	0.00	0.00
Rural	0.00	96.97	0.23	2.80	100.00
Qilla Saifullah	0.80	91.30	4.87	3.03	100.00
Urban	10.60	36.41	34.76	18.23	100.00
Rural	0.00	95.77	2.44	1.80	100.00
Sherani	0.81	87.66	10.92	0.62	100.00
Urban	0.00	0.00	0.00	0.00	0.00
Rural	0.81	87.66	10.92	0.62	100.00
Nasirabad	1.47	89.74	1.94	6.85	100.00
Urban	11.58	55.51	10.56	22.35	100.00
Rural	0.20	94.02	0.86	4.91	100.00
Jafarabad	0.00	77.40	0.23	22.37	100.00
Urban	0.00	22.71	0.00	77.29	100.00
Rural	0.00	90.48	0.29	9.23	100.00
Jhal Magsi	0.00	77.00	1.64	21.35	100.00
Urban	0.00	60.78	39.22	0.00	100.00
Rural	0.00	77.71	0.00	22.29	100.00
Bolan/Kachhi	0.64	83.24	5.39	10.74	100.00
Urban	2.74	37.47	19.41	40.38	100.00
Rural	0.25	91.68	2.80	5.27	100.00