

TABLE 7.8: PERCENT DISTRIBUTION OF HOUSEHOLDS BY FUEL USED FOR LIGHTING

PROVINCE & DISTRICT	FUEL USED FOR LIGHTING				
	ELECTRICITY	SOLAR PANEL	GAS	OTHER	TOTAL
Pakistan	90.91	5.08	.82	3.18	100.00
Urban	98.02	.89	.53	.56	100.00
Rural	86.43	7.72	1.01	4.84	100.00
Punjab	95.68	2.18	1.02	1.12	100.00
Urban	98.70	.33	.73	.23	100.00
Rural	93.85	3.30	1.19	1.66	100.00
Attock	97.83	1.78	.39	0.00	100.00
Urban	99.19	.35	.45	0.00	100.00
Rural	97.32	2.32	.36	0.00	100.00
Bhawal Nagar	94.35	.55	1.03	4.07	100.00
Urban	96.62	.52	1.53	1.32	100.00
Rural	93.76	.56	.91	4.77	100.00
Bahawalpur	94.60	.75	1.46	3.19	100.00
Urban	98.91	0.00	.15	.93	100.00
Rural	92.62	1.10	2.06	4.22	100.00
Bhakkar	92.08	4.89	.86	2.17	100.00
Urban	97.08	1.22	.54	1.15	100.00
Rural	91.22	5.53	.91	2.35	100.00
Chakwal	98.75	.27	.56	.41	100.00
Urban	99.29	0.00	.71	0.00	100.00
Rural	98.65	.33	.53	.49	100.00
Chiniot	97.66	.49	.88	.97	100.00
Urban	99.69	0.00	0.00	.31	100.00
Rural	96.68	.72	1.31	1.30	100.00
D.G Khan	81.67	13.82	2.88	1.63	100.00
Urban	99.81	0.00	.19	0.00	100.00
Rural	77.79	16.78	3.46	1.98	100.00
Faisalabad	98.84	.31	.39	.45	100.00
Urban	99.80	.08	.12	0.00	100.00
Rural	97.97	.52	.65	.86	100.00
Gujranwala	98.85	.19	.82	.15	100.00
Urban	98.49	.26	1.08	.17	100.00
Rural	99.40	.07	.42	.11	100.00
Gujrat	99.17	.19	.53	.11	100.00
Urban	99.15	0.00	.85	0.00	100.00
Rural	99.18	.27	.39	.15	100.00
Hafizabad	98.37	.12	1.35	.16	100.00
Urban	98.04	0.00	1.96	0.00	100.00
Rural	98.55	.19	1.01	.25	100.00
Islamabad	99.18	.52	.16	.14	100.00
Urban	98.84	.85	.21	.10	100.00
Rural	99.55	.17	.11	.18	100.00
Jehlum	99.26	.25	.26	.23	100.00
Urban	99.16	0.00	.84	0.00	100.00
Rural	99.29	.33	.08	.31	100.00
Jhang	93.58	2.03	1.59	2.81	100.00
Urban	99.08	0.00	.47	.45	100.00
Rural	91.52	2.79	2.01	3.69	100.00
Kasur	98.83	.22	.11	.85	100.00
Urban	99.74	0.00	.07	.19	100.00
Rural	98.53	.29	.12	1.06	100.00
Khanewal	95.93	.85	1.19	2.03	100.00
Urban	97.63	.80	1.19	.38	100.00
Rural	95.52	.86	1.20	2.42	100.00
Khushab	94.06	4.09	1.19	.66	100.00
Urban	97.61	1.31	.40	.68	100.00
Rural	92.72	5.14	1.49	.65	100.00
Lahore	98.79	.14	.89	.19	100.00
Urban	98.79	.14	.89	.19	100.00
Rural					

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PROVINCE & DISTRICT	FUEL USED FOR LIGHTING				
	ELECTRICITY	SOLAR PANEL	GAS	OTHER	TOTAL
Layyah	79.08	18.22	2.56	.14	100.00
Urban	94.72	5.28	0.00	0.00	100.00
Rural	75.69	21.02	3.11	.18	100.00
Lodhran	98.28	.29	.61	.81	100.00
Urban	98.33	0.00	1.67	0.00	100.00
Rural	98.28	.35	.41	.97	100.00
Mandi Bahauddin	99.14	.16	.25	.46	100.00
Urban	97.95	.51	1.53	0.00	100.00
Rural	99.37	.09	0.00	.54	100.00
Mianwali	87.23	9.95	.73	2.09	100.00
Urban	97.92	1.35	.54	.19	100.00
Rural	84.63	12.04	.78	2.55	100.00
Multan	97.01	1.25	.79	.95	100.00
Urban	97.95	.75	.85	.45	100.00
Rural	96.31	1.62	.75	1.32	100.00
Muzaffargarh	87.78	6.71	1.99	3.53	100.00
Urban	97.25	.61	1.37	.77	100.00
Rural	86.12	7.77	2.10	4.01	100.00
Nankana Sahib	99.83	0.00	0.00	.17	100.00
Urban	99.12	0.00	0.00	.88	100.00
Rural	100.00	0.00	0.00	0.00	100.00
Narowal	98.96	.80	.24	0.00	100.00
Urban	98.28	.58	1.14	0.00	100.00
Rural	99.09	.85	.06	0.00	100.00
Okara	98.54	.34	.85	.26	100.00
Urban	97.97	0.00	2.03	0.00	100.00
Rural	98.74	.46	.44	.35	100.00
Pakpattan	98.69	.35	.60	.35	100.00
Urban	99.50	0.00	.50	0.00	100.00
Rural	98.55	.41	.62	.42	100.00
Rahim Yar Khan	89.55	3.42	1.43	5.60	100.00
Urban	96.92	1.41	.51	1.17	100.00
Rural	87.60	3.95	1.68	6.77	100.00
Rajanpur	59.77	28.70	8.67	2.86	100.00
Urban	95.76	4.24	0.00	0.00	100.00
Rural	51.91	34.04	10.56	3.49	100.00
Rawalpindi	99.01	.23	.52	.24	100.00
Urban	98.89	.33	.72	.06	100.00
Rural	99.13	.13	.30	.43	100.00
Sahiwal	98.70	.47	.78	.05	100.00
Urban	99.17	.21	.62	0.00	100.00
Rural	98.57	.54	.82	.07	100.00
Sargodha	97.04	1.09	1.42	.44	100.00
Urban	98.32	.09	1.18	.41	100.00
Rural	96.50	1.52	1.52	.46	100.00
Sheikhupura	99.62	.06	.28	.03	100.00
Urban	99.37	.08	.54	0.00	100.00
Rural	99.75	.05	.15	.05	100.00
Sialkot	99.09	.48	.38	.05	100.00
Urban	99.40	.17	.42	0.00	100.00
Rural	98.95	.62	.37	.07	100.00
Toba Tek Singh	98.06	.31	.84	.78	100.00
Urban	99.63	0.00	.37	0.00	100.00
Rural	97.62	.40	.98	1.00	100.00
Vehari	98.52	.06	.45	.97	100.00
Urban	98.09	.34	1.23	.34	100.00
Rural	98.61	0.00	.29	1.11	100.00

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PROVINCE & DISTRICT	FUEL USED FOR LIGHTING				
	ELECTRICITY	SOLAR PANEL	GAS	OTHER	TOTAL
Sindh	86.82	4.79	.45	7.94	100.00
Urban	97.66	1.07	.29	.99	100.00
Rural	73.39	9.40	.64	16.56	100.00
Badin	59.62	11.66	2.52	26.20	100.00
Urban	89.47	1.75	2.47	6.30	100.00
Rural	50.00	14.85	2.53	32.61	100.00
Dadu	91.44	3.82	.21	4.53	100.00
Urban	99.22	.78	0.00	0.00	100.00
Rural	89.22	4.69	.27	5.83	100.00
Ghotki	74.18	16.53	3.09	6.20	100.00
Urban	87.13	6.83	.49	5.55	100.00
Rural	70.86	19.01	3.76	6.37	100.00
Hyderabad	98.21	.41	.19	1.19	100.00
Urban	98.59	.14	.22	1.06	100.00
Rural	95.96	2.04	0.00	1.99	100.00
Jacobabad	77.62	19.37	.20	2.80	100.00
Urban	90.81	8.86	0.00	.33	100.00
Rural	73.39	22.75	.27	3.59	100.00
Jamshoro	75.12	11.11	.07	13.70	100.00
Urban	98.87	1.01	0.00	.11	100.00
Rural	60.38	17.37	.12	22.13	100.00
Karachi central	99.51	.10	.32	.07	100.00
Urban	99.51	.10	.32	.07	100.00
Rural					
Karachi East	99.20	.35	.25	.19	100.00
Urban	99.20	.35	.25	.19	100.00
Rural					
Karachi Malir	95.72	.47	0.00	3.81	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	90.80	1.02	0.00	8.18	100.00
Karachi South	99.62	.13	.26	0.00	100.00
Urban	99.62	.13	.26	0.00	100.00
Rural					
Karachi West	98.36	1.16	.22	.26	100.00
Urban	99.59	.13	.23	.04	100.00
Rural	74.23	21.16	0.00	4.61	100.00
Kashmore	91.03	6.64	.12	2.21	100.00
Urban	99.04	0.00	.55	.40	100.00
Rural	88.78	8.50	0.00	2.72	100.00
Khairpur	90.56	5.26	.72	3.46	100.00
Urban	98.46	.22	0.00	1.32	100.00
Rural	87.13	7.45	1.04	4.39	100.00
Korangi	99.81	.08	.11	0.00	100.00
Urban	99.81	.08	.11	0.00	100.00
Rural					
Larkana	93.68	1.84	.72	3.76	100.00
Urban	96.71	1.75	1.54	0.00	100.00
Rural	91.01	1.92	0.00	7.07	100.00
Mitiari	88.33	3.71	0.00	7.96	100.00
Urban	96.30	3.70	0.00	0.00	100.00
Rural	86.19	3.71	0.00	10.10	100.00
Mirpur Khas	71.85	2.17	.07	25.90	100.00
Urban	92.35	.34	.28	7.04	100.00
Rural	64.53	2.83	0.00	32.64	100.00

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PROVINCE & DISTRICT	FUEL USED FOR LIGHTING				
	ELECTRICITY	SOLAR PANEL	GAS	OTHER	TOTAL
Naushahro Feroze	91.85	6.10	0.00	2.05	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	90.20	7.33	0.00	2.47	100.00
Sanghar	78.74	12.58	.08	8.60	100.00
Urban	93.08	3.52	0.00	3.39	100.00
Rural	73.73	15.74	.10	10.43	100.00
Shahdadkot	84.53	6.96	.99	7.51	100.00
Urban	87.57	6.27	1.16	5.01	100.00
Rural	83.01	7.30	.91	8.78	100.00
Shaheed Benazirabad	81.86	10.78	.08	7.28	100.00
Urban	91.16	7.33	0.00	1.51	100.00
Rural	78.78	11.93	.10	9.18	100.00
Shikarpur	94.68	4.84	.08	.39	100.00
Urban	98.76	0.00	0.00	1.24	100.00
Rural	93.42	6.34	.11	.13	100.00
Sujawal	57.61	12.28	1.31	28.81	100.00
Urban	98.65	0.00	1.35	0.00	100.00
Rural	53.29	13.57	1.31	31.84	100.00
Sukkur	83.51	13.72	.16	2.61	100.00
Urban	91.55	7.23	.35	.86	100.00
Rural	77.14	18.87	0.00	4.00	100.00
Tando Allah Yar	86.24	3.27	.16	10.33	100.00
Urban	97.90	.52	.52	1.05	100.00
Rural	80.91	4.52	0.00	14.57	100.00
Tando Muhammad Khan	71.46	8.01	.67	19.86	100.00
Urban	87.45	12.55	0.00	0.00	100.00
Rural	66.71	6.66	.87	25.76	100.00
Tharparkar	34.77	5.59	0.00	59.64	100.00
Urban	49.85	0.00	0.00	50.15	100.00
Rural	33.45	6.08	0.00	60.47	100.00
Thatta	59.53	19.41	1.81	19.26	100.00
Urban	71.19	28.01	0.00	.80	100.00
Rural	56.21	16.96	2.33	24.51	100.00
Umerkot	61.29	4.24	0.00	34.47	100.00
Urban	86.57	3.70	0.00	9.73	100.00
Rural	54.43	4.38	0.00	41.18	100.00

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PROVINCE & DISTRICT	FUEL USED FOR LIGHTING				
	ELECTRICITY	SOLAR PANEL	GAS	OTHER	TOTAL
Khyber Pakhtunkhwa	86.11	11.45	.29	2.15	100.00
Urban	97.50	2.18	.32	0.00	100.00
Rural	83.96	13.20	.29	2.55	100.00
Abbottabad	99.45	.14	.15	.26	100.00
Urban	99.27	0.00	.73	0.00	100.00
Rural	99.50	.17	0.00	.33	100.00
Bajur	33.02	66.06	.29	.63	100.00
Urban					
Rural	33.02	66.06	.29	.63	100.00
Bannu	90.88	8.66	.23	.22	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	90.46	9.06	.24	.24	100.00
Batagram	81.30	16.43	0.00	2.27	100.00
Urban					
Rural	81.30	16.43	0.00	2.27	100.00
Buner	79.55	18.57	.49	1.39	100.00
Urban					
Rural	79.55	18.57	.49	1.39	100.00
Charsadda	88.77	10.69	.07	.47	100.00
Urban	98.15	1.85	0.00	0.00	100.00
Rural	86.43	12.90	.09	.59	100.00
Chitral	94.40	2.18	0.00	3.41	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	93.69	2.46	0.00	3.85	100.00
D.I Khan	93.16	6.53	0.00	.31	100.00
Urban	99.43	.57	0.00	0.00	100.00
Rural	91.48	8.12	0.00	.40	100.00
Hangu	54.06	45.94	0.00	0.00	100.00
Urban	97.02	2.98	0.00	0.00	100.00
Rural	47.73	52.27	0.00	0.00	100.00
Haripur	97.64	.81	.67	.87	100.00
Urban	97.33	0.00	2.67	0.00	100.00
Rural	97.69	.92	.40	.99	100.00
Karak	90.90	5.89	1.92	1.29	100.00
Urban	82.14	14.29	3.57	0.00	100.00
Rural	91.26	5.54	1.85	1.34	100.00
Khyber	15.29	83.91	0.00	.79	100.00
Urban	20.69	79.31	0.00	0.00	100.00
Rural	14.28	84.78	0.00	.94	100.00
Kohat	80.08	19.32	0.00	.60	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	76.29	23.00	0.00	.71	100.00
Kohistan	23.54	25.35	4.14	46.97	100.00
Urban					
Rural	23.54	25.35	4.14	46.97	100.00
Kurram	65.18	32.03	.21	2.58	100.00
Urban					
Rural	65.18	32.03	.21	2.58	100.00
Lakki Marwat	93.51	6.39	0.00	.11	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	92.76	7.12	0.00	.12	100.00
Lower Dir	95.92	3.63	0.00	.44	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	95.89	3.66	0.00	.45	100.00

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PROVINCE & DISTRICT	FUEL USED FOR LIGHTING				
	ELECTRICITY	SOLAR PANEL	GAS	OTHER	TOTAL
Malakand PA	99.73	.27	0.00	0.00	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	99.70	.30	0.00	0.00	100.00
Mansehra	97.49	1.64	0.00	.86	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	97.33	1.75	0.00	.92	100.00
Mardan	97.82	2.04	0.00	.14	100.00
Urban	99.62	.38	0.00	0.00	100.00
Rural	97.42	2.41	0.00	.17	100.00
Mohmand	50.03	49.77	0.00	.19	100.00
Urban					
Rural	50.03	49.77	0.00	.19	100.00
North waziristan	94.49	4.81	0.00	.70	100.00
Urban					
Rural	94.49	4.81	0.00	.70	100.00
Nowshera	97.86	1.36	.19	.60	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	97.23	1.75	.24	.78	100.00
Orakzai	78.53	21.35	0.00	.12	100.00
Urban					
Rural	78.53	21.35	0.00	.12	100.00
Peshawar	92.41	7.07	.29	.24	100.00
Urban	98.88	.55	.57	0.00	100.00
Rural	87.19	12.32	.06	.43	100.00
Shangla	98.16	1.38	.20	.27	100.00
Urban					
Rural	98.16	1.38	.20	.27	100.00
south Waziristan	69.05	30.05	.15	.75	100.00
Urban					
Rural	69.05	30.05	.15	.75	100.00
Swabi	98.41	.84	.27	.48	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	98.11	1.00	.32	.57	100.00
Swat	94.72	3.62	0.00	1.66	100.00
Urban	99.73	.27	0.00	0.00	100.00
Rural	92.24	5.28	0.00	2.48	100.00
Tank	79.35	20.65	0.00	0.00	100.00
Urban	96.67	3.33	0.00	0.00	100.00
Rural	78.19	21.81	0.00	0.00	100.00
Tor Ghar	35.25	61.97	2.36	.43	100.00
Urban					
Rural	35.25	61.97	2.36	.43	100.00
Upper Dir	74.79	12.86	.08	12.27	100.00
Urban	96.43	3.57	0.00	0.00	100.00
Rural	73.74	13.31	.08	12.86	100.00

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	ELECTRICITY	SOLAR PANEL	GAS	OTHER	TOTAL
Balochistan	76.97	17.83	2.17	3.02	100.00
Urban	93.22	4.70	.50	1.58	100.00
Rural	70.92	22.72	2.80	3.56	100.00
Awaran	25.28	74.03	.36	.33	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	17.17	82.07	.40	.37	100.00
Barkhan	56.81	41.84	1.22	.13	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	47.41	50.95	1.48	.16	100.00
Dera Bugti	77.17	22.20	.52	.12	100.00
Urban	78.89	21.11	0.00	0.00	100.00
Rural	76.52	22.61	.71	.16	100.00
Duki	75.46	11.43	11.34	1.77	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	72.14	12.98	12.88	2.01	100.00
Gwadar	81.00	10.92	8.08	0.00	100.00
Urban	98.76	1.24	0.00	0.00	100.00
Rural	50.92	27.31	21.77	0.00	100.00
Harnai	87.82	8.32	1.58	2.29	100.00
Urban	97.06	2.94	0.00	0.00	100.00
Rural	84.14	10.46	2.21	3.20	100.00
Jaffarabad	87.47	9.88	.88	1.77	100.00
Urban	91.84	7.84	.32	0.00	100.00
Rural	85.77	10.67	1.10	2.46	100.00
Kachhi(Bolan)	97.84	.44	.22	1.49	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	97.55	.50	.25	1.70	100.00
Kalat	81.12	12.81	4.92	1.14	100.00
Urban					
Rural	81.12	12.81	4.92	1.14	100.00
Ketch/Turbat	91.67	7.29	.80	.25	100.00
Urban	98.65	1.35	0.00	0.00	100.00
Rural	88.42	10.06	1.17	.36	100.00
Kharan	93.95	5.88	.17	0.00	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	92.36	7.42	.22	0.00	100.00
Khuzdar	38.34	61.03	.20	.43	100.00
Urban					
Rural	38.34	61.03	.20	.43	100.00
Kohlu	88.37	.64	0.00	10.99	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	86.42	.75	0.00	12.83	100.00
Lasbela	87.25	7.15	.87	4.72	100.00
Urban	80.19	12.20	.50	7.11	100.00
Rural	94.89	1.70	1.28	2.13	100.00
Loralai	77.10	21.18	0.00	1.72	100.00
Urban	99.46	0.00	0.00	.54	100.00
Rural	59.80	37.56	0.00	2.64	100.00
Mastung	98.66	.79	.55	0.00	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	98.34	.98	.68	0.00	100.00
Nasirabad	44.62	30.18	0.00	25.21	100.00
Urban	79.03	20.28	0.00	.69	100.00
Rural	37.49	32.23	0.00	30.29	100.00

TABLE 7.8: PERCENT DISTRIBUTION OF HOUSEHOLDS BY FUEL USED FOR LIGHTING

PROVINCE & DISTRICT	FUEL USED FOR LIGHTING				
	ELECTRICITY	SOLAR PANEL	GAS	OTHER	TOTAL
Nushki	98.74	1.26	0.00	0.00	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	98.35	1.65	0.00	0.00	100.00
Pishin	84.30	12.46	.75	2.49	100.00
Urban	86.08	13.42	.50	0.00	100.00
Rural	83.87	12.23	.80	3.09	100.00
Qilla Abdullah	47.75	45.67	.58	6.00	100.00
Urban	96.76	1.42	0.00	1.82	100.00
Rural	41.32	51.47	.66	6.55	100.00
Qilla Saifullah	2.18	97.12	0.00	.69	100.00
Urban					
Rural	2.18	97.12	0.00	.69	100.00
Quetta	96.38	1.25	1.51	.86	100.00
Urban	96.82	.90	.93	1.35	100.00
Rural	95.99	1.56	2.01	.44	100.00
Shaheed Skindarabad	74.36	12.63	10.99	2.01	100.00
Urban					
Rural	74.36	12.63	10.99	2.01	100.00
Sheerani	0.00	66.12	33.88	0.00	100.00
Urban					
Rural	0.00	66.12	33.88	0.00	100.00
Sibi	94.46	4.94	.02	.58	100.00
Urban	99.84	.16	0.00	0.00	100.00
Rural	90.94	8.08	.03	.96	100.00
sohbat Pur	95.23	0.00	2.64	2.13	100.00
Urban	100.00	0.00	0.00	0.00	100.00
Rural	94.84	0.00	2.86	2.30	100.00
Washuk	44.82	38.70	13.62	2.86	100.00
Urban	79.33	8.61	10.34	1.72	100.00
Rural	38.27	44.41	14.24	3.08	100.00
Ziarat	87.44	8.48	2.04	2.04	100.00
Urban	96.15	3.85	0.00	0.00	100.00
Rural	87.29	8.56	2.08	2.08	100.00

Note: Chaghi, Jhal Magsi , Musakhel, Pnigor, Zhob districts has been dropped from the scope of the survey .