

Household Source of Lighting Fuel by County and District

	Total	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other
KENYA	8,767,954	70,433	1,014,446	438,381	63356	5,666,216	1,483,901	4,469	26,752
NAIROBI	985,016	28,592	530,413	221,473	21685	13,852	162,453	353	6,195
NAIROBI WEST	212,295	5,175	90,925	41,777	4514	4,834	64,064	91	915
NAIROBI EAST	369,866	9,199	221,226	81,513	8924	3,775	43,128	144	1,957
NAIROBI NORTH	327,428	9,011	192,790	68,108	6648	3,628	44,159	96	2,988
WESTLANDS	75,427	5,207	25,472	30,075	1599	1,615	11,102	22	335
NYANDARUA	143,879	314	1,975	1,383	376	111,861	27,728	123	119
NYANDARUA NORTH	76,597	193	884	711	235	59,496	14,928	89	61
NYANDARUA SOUTH	67,282	121	1,091	672	141	52,365	12,800	34	58
NYERI	201,703	1,412	10,808	9,560	937	146,572	31,843	144	427
NYERI NORTH	95,608	705	4,071	2,818	321	70,017	17,432	101	143
NYERI SOUTH	106,095	707	6,737	6,742	616	76,555	14,411	43	284
KIRINYAGA	154,220	785	8,382	4,192	1264	116,262	22,910	108	317
KIRINYAGA	154,220	785	8,382	4,192	1264	116,262	22,910	108	317
MURANG'A	255,696	881	14,970	5,297	965	216,054	17,044	140	345
MURANGA NORTH	97,701	336	5,431	2,502	330	83,410	5,473	54	165
MURANGA SOUTH	114,578	347	6,103	1,851	525	98,366	7,202	63	121
THIKA EAST	13,206	49	1,180	141	31	9,855	1,923	11	16
GATANGA	30,211	149	2,256	803	79	24,423	2,446	12	43
KIAMBU	469,244	5,136	104,285	62,368	4179	167,272	124,011	134	1,859
KIAMBU	75,342	942	18,197	13,481	849	17,946	23,411	14	502
KIKUYU	77,045	832	12,374	13,040	822	17,992	31,575	15	395
LIMURU	36,542	297	2,423	2,505	174	15,412	15,610	2	119
LARI	30,779	112	776	935	160	22,790	5,950	20	36
GITHUNGURI	39,350	271	2,576	1,750	251	27,003	7,318	15	166

	Total	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other
THIKA EAST	7,235	46	818	171	30	4,337	1,810	3	20
THIKA WEST	72,051	708	32,476	12,298	472	8,121	17,616	19	341
RUIRU	75,184	1,735	32,110	17,030	1229	6,706	16,128	25	221
GATUNDU	55,716	193	2,535	1,158	192	46,965	4,593	21	59
MOMBASA	268,700	5,398	103,220	24,015	4861	17,192	110,408	120	3,486
MOMBASA	140,535	3,549	50,012	17,170	3603	8,987	55,374	55	1,785
KILINDINI	128,165	1,849	53,208	6,845	1258	8,205	55,034	65	1,701
KWALE	122,047	476	7,007	1,774	510	97,941	13,993	71	275
KWALE	28,559	68	626	165	118	25,229	2,301	13	39
KINANGO	34,004	36	489	83	76	30,581	2,698	13	28
MSAMBWENI	59,484	372	5,892	1,526	316	42,131	8,994	45	208
KILIFI	199,764	1,912	15,388	4,317	1641	133,867	41,639	98	902
KILIFI	83,742	691	7,638	2,055	734	58,184	14,063	39	338
KALOLENI	42,692	273	2,171	401	203	31,733	7,696	23	192
MALINDI	73,330	948	5,579	1,861	704	43,950	19,880	36	372
TANA RIVER	47,414	66	567	80	115	38,380	8,058	21	127
TANA RIVER	28,624	43	426	48	77	21,693	6,229	12	96
TANA DELTA	18,790	23	141	32	38	16,687	1,829	9	31
LAMU	22,184	106	727	223	120	15,736	5,060	34	178
LAMU	22,184	106	727	223	120	15,736	5,060	34	178
TAITA TAVETA	71,090	396	3,573	1,069	307	48,810	16,710	29	196
TAITA	54,732	353	3,027	936	262	37,584	12,417	24	129
TAVETA	16,358	43	546	133	45	11,226	4,293	5	67
MARSABIT	56,941	106	810	130	77	52,214	3,455	25	124
MARSABIT	10,005	55	453	58	32	8,364	1,015	4	24
CHALBI	15,586	1	35	17	14	15,311	159	6	43
LAISAMIS	14,742	1	18	24	9	14,215	442	6	27
MOYALE	16,608	49	304	31	22	14,324	1,839	9	30
ISIOLO	31,326	139	831	651	121	20,368	9,103	26	87
ISIOLO	22,463	135	791	627	110	12,042	8,672	16	70

	Total	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other
GARBATULA	8,863	4	40	24	11	8,326	431	10	17
MERU	319,616	1,236	8,348	4,935	1638	261,808	40,361	395	895
MERU CENTRAL	37,209	79	494	245	117	33,728	2,451	52	43
IMENTI NORTH	73,300	581	3,778	3,012	578	47,351	17,636	94	270
IMENTI SOUTH	47,197	202	993	589	187	39,195	5,872	42	117
IGEMBE	99,290	273	2,585	869	513	83,065	11,466	119	400
TIGANIA	62,620	101	498	220	243	58,469	2,936	88	65
THARAKA	88,803	168	1,551	1,053	284	78,856	6,680	81	130
MERU SOUTH	33,259	77	906	569	132	28,161	3,335	23	56
MAARA	28,151	67	471	375	90	25,245	1,858	20	25
THARAKA	27,393	24	174	109	62	25,450	1,487	38	49
EMBU	131,683	699	5,579	3,290	678	105,932	15,085	87	333
EMBU	80,138	516	4,306	2,851	544	60,160	11,480	37	244
MBEERE	51,545	183	1,273	439	134	45,772	3,605	50	89
KITUI	205,491	249	4,176	1,247	582	181,547	17,256	125	309
KITUI	94,780	151	2,178	794	329	82,516	8,634	63	115
MUTOMO	32,896	21	365	49	94	30,723	1,581	17	46
MWINGI	50,967	58	1,454	337	129	43,068	5,783	25	113
KYUSO	26,848	19	179	67	30	25,240	1,258	20	35
MACHAKOS	264,500	1,383	29,632	8,339	1906	180,982	41,285	150	823
MACHAKOS	117,873	939	24,216	7,119	1423	56,789	26,845	72	470
MWALA	35,593	90	872	144	120	31,624	2,687	29	27
YATTA	60,212	256	2,570	449	155	51,235	5,438	25	84
KANGUNDO	50,822	98	1,974	627	208	41,334	6,315	24	242
MAKUENI	186,478	301	5,324	1,181	486	158,060	20,754	99	273
MAKUENI	52,004	39	1,412	338	174	44,796	5,158	26	61
MBOONI	37,302	14	522	131	65	33,945	2,594	19	12
KIBWEZI	52,979	187	1,907	422	178	41,749	8,411	34	91
NZAU	44,193	61	1,483	290	69	37,570	4,591	20	109
GARISSA	98,590	700	958	381	335	77,682	17,947	54	533

	Total	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other
GARISSA	32,118	622	645	208	181	15,285	14,940	19	218
LAGDERA	37,383	36	152	106	79	35,841	898	25	246
FAFI	15,909	41	85	56	54	15,231	408	2	32
IJARA	13,180	1	76	11	21	11,325	1,701	8	37
WAJIR	88,574	202	581	184	144	84,096	3,061	82	224
WAJIR SOUTH	18,504	16	70	40	40	17,957	301	10	70
WAJIR NORTH	17,592	3	99	34	19	17,135	255	20	27
WAJIR EAST	31,103	181	331	77	52	28,182	2,171	32	77
WAJIR WEST	21,375	2	81	33	33	20,822	334	20	50
MANDERA	125,497	204	459	160	204	117,102	6,996	76	296
MANDERA CENTRAL	50,226	37	129	54	92	49,018	781	44	71
MANDERA EAST	38,472	154	173	45	55	32,148	5,686	10	201
MANDERA WEST	36,799	13	157	61	57	35,936	529	22	24
SIAYA	199,034	371	3,597	859	616	164,148	29,102	102	239
SIAYA	130,705	250	1,917	470	422	111,498	15,975	58	115
BONDO	37,296	73	1,037	284	106	25,977	9,712	17	90
RARIEDA	31,033	48	643	105	88	26,673	3,415	27	34
KISUMU	226,719	2,180	16,247	6,693	2102	132,111	66,568	116	702
KISUMU EAST	115,502	1,226	14,266	5,904	1682	40,640	51,185	50	549
KISUMU WEST	32,992	67	508	304	131	28,856	3,079	20	27
NYANDO	78,225	887	1,473	485	289	62,615	12,304	46	126
MIGORI	180,211	930	3,643	828	749	143,583	30,123	88	267
MIGORI	70,516	158	1,574	330	273	54,209	13,814	49	109
RONGO	67,895	714	1,303	311	306	55,566	9,586	22	87
KURIA WEST	28,287	51	624	161	129	21,427	5,825	10	60
KURIA EAST	13,513	7	142	26	41	12,381	898	7	11
HOMA BAY	206,255	380	3,010	828	801	173,206	27,699	104	227
HOMABAY	79,540	161	1,112	366	347	67,306	10,129	39	80
SUBA	45,320	85	922	162	149	35,305	8,600	16	81
RACHUONYO	81,395	134	976	300	305	70,595	8,970	49	66

	Total	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other
KISII	245,029	716	5,746	2,733	1132	211,546	22,867	95	194
KISII CENTRAL	81,426	356	2,964	2,008	597	62,425	12,958	27	91
KISII SOUTH	24,049	61	359	223	117	21,706	1,549	6	28
MASABA	26,132	94	400	118	62	23,369	2,055	19	15
GUCHA	81,576	162	1,405	295	238	74,418	4,989	41	28
GUCHA SOUTH	31,846	43	618	89	118	29,628	1,316	2	32
NYAMIRA	131,039	265	1,865	886	398	118,892	8,600	44	89
MASABA	24,654	48	323	119	85	22,087	1,971	9	12
NYAMIRA	69,939	118	986	515	240	63,961	4,057	24	38
MANGA	19,295	49	272	97	46	17,840	952	5	34
BORABU	17,151	50	284	155	27	15,004	1,620	6	5
TURKANA	123,191	364	613	146	175	106,854	14,416	91	532
TURKANA CENTRAL	41,120	85	219	68	70	33,834	6,634	29	181
TURKANA NORTH	53,634	172	351	49	64	47,275	5,387	39	297
TURKANA SOUTH	28,437	107	43	29	41	25,745	2,395	23	54
WEST POKOT	93,777	146	615	169	134	86,180	6,381	29	123
WEST POKOT	35,263	141	402	122	84	29,722	4,731	13	48
POKOT NORTH	25,966	1	57	26	16	25,266	537	11	52
POKOT CENTRAL	32,548	4	156	21	34	31,192	1,113	5	23
SAMBURU	47,354	79	294	204	88	38,122	8,422	28	117
SAMBURU CENTRAL	22,820	55	228	114	34	16,595	5,724	17	53
SAMBURU EAST	12,835	18	50	79	48	10,991	1,597	5	47
SAMBURU NORTH	11,699	6	16	11	6	10,536	1,101	6	17
TRANS NZOIA	170,117	533	5,721	1,464	820	130,580	30,625	62	312
TRANS NZOIA WEST	84,277	379	4,480	1,268	549	53,040	24,304	35	222
TRANS NZOIA EAST	39,119	72	425	98	126	35,472	2,858	12	56
KWANZA	46,721	82	816	98	145	42,068	3,463	15	34
BARINGO	110,649	212	1,102	570	283	95,641	12,643	49	149
BARINGO	34,938	130	605	247	104	28,559	5,231	17	45
BARINGO NORTH	19,734	9	121	33	41	18,644	849	12	25

	Total	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other
EAST POKOT	21,291	-	56	20	50	20,628	493	5	39
KOIBATEK	34,686	73	320	270	88	27,810	6,070	15	40
UASIN GISHU	202,291	1,490	14,743	9,611	1558	110,334	63,839	77	639
ELDORET WEST	88,956	615	7,734	3,896	708	47,900	27,819	29	255
ELDORET EAST	51,469	539	2,258	2,943	430	31,477	13,605	29	188
WARENG	61,866	336	4,751	2,772	420	30,957	22,415	19	196
ELGEYO-MARAKWET	77,555	212	643	201	151	69,970	6,296	35	47
MARAKWET	39,497	27	338	46	76	36,306	2,666	23	15
KEIYO	38,058	185	305	155	75	33,664	3,630	12	32
NANDI	154,073	350	1,692	1,069	524	137,180	13,052	47	159
NANDI NORTH	32,086	27	301	95	84	29,696	1,847	10	26
NANDI CENTRAL	48,359	174	707	604	243	39,816	6,720	13	82
NANDI EAST	28,371	89	421	263	77	24,948	2,543	9	21
NANDI SOUTH	30,768	13	187	79	86	28,978	1,395	10	20
TINDERET	14,489	47	76	28	34	13,742	547	5	10
LAIKIPIA	103,114	576	3,118	3,591	357	68,966	26,110	84	312
LAIKIPIA NORTH	6,733	14	56	76	22	5,775	763	9	18
LAIKIPIA EAST	40,676	317	2,262	2,107	172	24,117	11,462	28	211
LAIKIPIA WEST	55,705	245	800	1,408	163	39,074	13,885	47	83
NAKURU	409,836	4,294	31,762	19,025	3005	186,799	163,502	213	1,236
NAKURU	129,841	2,172	16,357	10,631	1691	32,435	65,926	51	578
NAKURU NORTH	51,224	288	1,975	1,418	327	27,923	19,138	26	129
NAIVASHA	105,318	1,450	11,750	5,795	686	37,342	47,873	57	365
MOLO	123,453	384	1,680	1,181	301	89,099	30,565	79	164
NAROK	169,220	268	3,075	2,017	511	134,307	28,425	113	504
NAROK NORTH	55,885	133	1,415	834	224	34,592	18,392	36	259
NAROK SOUTH	62,412	73	1,027	819	166	55,133	5,009	48	137
TRANS MARA	50,923	62	633	364	121	44,582	5,024	29	108
KAJIADO	173,464	2,055	31,988	22,037	1856	71,053	43,554	85	836
KAJIADO CENTRAL	35,403	171	1,682	600	219	23,578	8,957	8	188

	Total	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other
LOITOKITOK	29,703	52	535	281	91	23,563	5,100	12	69
KAJIADO NORTH	108,358	1,832	29,771	21,156	1546	23,912	29,497	65	579
KERICHO	160,134	734	3,302	1,474	659	134,610	19,087	73	195
KERICHO	85,271	555	2,410	1,155	464	67,459	13,073	33	122
KIPKELION	42,310	42	343	103	76	38,575	3,125	19	27
BURET	32,553	137	549	216	119	28,576	2,889	21	46
BOMET	142,361	309	2,246	557	292	130,633	8,065	122	137
BURET	31,103	83	445	94	77	28,984	1,372	19	29
SOTIK	35,936	86	767	191	73	32,395	2,351	16	57
BOMET	75,322	140	1,034	272	142	69,254	4,342	87	51
KAKAMEGA	355,679	1,815	8,545	2,878	1595	308,048	32,140	108	550
KAKAMEGA CENTRAL	65,121	363	3,062	1,440	578	46,807	12,574	17	280
KAKAMEGA SOUTH	23,144	41	294	74	97	22,270	361	2	5
KAKAMEGA NORTH	40,635	88	457	101	122	37,404	2,421	13	29
KAKAMEGA EAST	34,177	89	716	153	114	31,326	1,747	11	21
LUGARI	59,476	67	1,120	276	183	53,354	4,367	34	75
MUMIAS	78,685	1,101	2,189	675	308	65,770	8,524	14	104
BUTERE	54,441	66	707	159	193	51,117	2,146	17	36
VIHIGA	123,347	325	2,543	800	498	112,177	6,881	35	88
VIHIGA	48,221	178	1,353	393	207	42,808	3,234	8	40
EMUHAYA	43,030	53	662	216	185	39,850	2,022	15	27
HAMISI	32,096	94	528	191	106	29,519	1,625	12	21
BUNGOMA	270,824	647	5,971	1,720	1162	230,342	30,592	59	331
BUNGOMA SOUTH	83,295	432	2,307	860	437	65,586	13,521	20	132
BUNGOMA NORTH	61,486	62	1,134	237	233	55,017	4,722	16	65
BUNGOMA EAST	45,934	84	1,274	436	247	37,410	6,394	8	81
BUNGOMA WEST	47,648	59	680	114	142	43,118	3,482	10	43
MT ELGON	32,461	10	576	73	103	29,211	2,473	5	10
BUSIA	154,225	321	2,801	719	475	128,488	21,072	35	314
BUSIA	68,781	134	1,112	250	203	57,302	9,598	19	163

	Total	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other
TESO NORTH	23,432	43	704	172	113	18,594	3,724	3	79
SAMIA	19,395	30	228	59	36	17,746	1,275	3	18
BUNYALA	15,245	42	258	36	30	12,522	2,325	4	28
TESO SOUTH	27,372	72	499	202	93	22,324	4,150	6	26

Source: Kenya Population and Housing Census 2009