

Table 2. Number of households by type of fuel used for cooking for the Philippines and its regions, provinces, and highly urbanized cities: 2010

(Figures are based on a 20 percent sample households.)

Region, Province, and Highly Urbanized City	Total Households	Type of fuel used for cooking							
		Electricity	Kerosene	LPG	Charcoal	Wood	Others	None	Not reported
Philippines	20,171,899	532,965	603,384	7,451,784	2,640,592	8,888,265	29,686	8,103	17,120
National Capital Region	2,759,829	125,069	221,627	2,145,091	187,261	72,213	2,612	1,120	4,835
City of Manila	386,835	18,902	56,911	281,122	19,649	7,753	604	541	1,353
City of Mandaluyong	79,935	4,148	4,419	66,518	3,442	1,156	160	32	61
City of Marikina	91,414	4,840	2,946	77,556	4,922	910	84	0	157
City of Pasig	154,970	5,571	8,493	129,100	9,371	2,225	73	35	103
Quezon City	634,346	25,998	36,780	507,522	48,265	14,961	484	182	154
City of San Juan	28,890	816	1,576	25,841	442	199	0	10	6
Caloocan City	345,444	16,120	31,619	245,214	34,764	17,186	386	39	116
City of Malabon	82,546	3,797	12,069	56,090	8,013	2,285	81	44	168
City of Navotas	59,296	2,665	13,821	35,022	6,540	1,164	21	25	38
City of Valenzuela	137,834	4,718	11,598	103,880	11,096	6,343	90	26	83
City of Las Piñas	127,723	5,626	6,530	102,170	9,585	3,446	41	20	306
City of Makati	126,457	7,510	5,987	108,812	2,486	1,173	44	23	422
City of Muntinlupa	103,949	4,633	6,173	80,922	7,744	4,112	99	74	193
City of Parañaque	137,405	8,251	8,598	109,791	6,364	2,936	201	11	1,254
Pasay City	97,966	5,140	6,151	81,523	3,157	1,711	151	23	110
Pateros	14,629	592	950	11,246	1,433	398	10	0	0
Taguig City	150,190	5,742	7,008	122,764	9,989	4,254	83	35	315
Cordillera Administrative Region	352,403	5,804	4,987	188,026	3,723	149,637	201	20	5
Abra	49,144	623	511	11,344	2,419	34,232	15	0	0
Apayao	23,337	129	387	2,626	146	20,023	21	5	0
Benguet (excluding Baguio City)	90,440	2,065	1,203	66,798	143	20,157	65	5	5
Baguio City	78,313	2,028	1,633	73,112	578	961	0	0	0
Ifugao	39,479	263	493	8,460	131	30,087	34	10	0
Kalinga	38,642	367	539	9,240	242	28,220	34	0	0
Mountain Province	33,048	328	221	16,446	65	15,957	32	0	0
Region I – Ilocos Region	1,050,605	21,330	12,568	390,715	96,630	528,068	904	179	212
Ilocos Norte	128,558	2,658	971	62,854	9,282	52,768	15	10	0
Ilocos Sur	145,674	2,245	1,603	56,086	3,154	82,495	65	25	0
La Union	163,820	3,080	1,371	60,827	13,655	84,797	70	15	5
Pangasinan	612,553	13,347	8,624	210,948	70,539	308,009	753	128	207
Region II – Cagayan Valley	727,327	11,271	6,653	214,594	27,763	464,748	2,199	85	14
Batanes	4,270	36	17	2,174	5	2,036	1	0	0
Cagayan	250,465	3,629	2,164	63,302	7,252	173,921	168	20	9
Isabela	336,823	5,708	3,093	110,181	12,797	203,217	1,792	35	0
Nueva Vizcaya	95,999	1,455	839	31,126	6,496	55,946	112	20	5
Quirino	39,770	443	540	7,810	1,213	29,628	126	10	0
Region III – Central Luzon	2,239,011	65,264	66,824	1,343,685	219,394	539,977	2,730	477	659
Aurora	44,740	444	213	8,111	10,580	25,338	50	5	0
Bataan	150,090	3,834	3,747	96,860	22,644	22,807	45	46	108
Bulacan	659,158	24,060	31,114	443,290	53,279	106,098	1,033	148	136
Nueva Ecija	439,460	10,613	7,938	214,821	42,900	162,366	715	96	10
Pampanga (excluding Angeles City)	416,271	11,320	11,209	313,507	19,016	60,556	372	108	183
Angeles City	74,510	3,335	4,542	57,092	6,368	2,938	201	15	18
Tarlac	280,382	5,870	4,360	126,451	29,048	114,421	208	20	5
Zambales (excluding Olongapo City)	122,158	2,934	1,883	45,622	31,485	39,996	35	24	177
Olongapo City	52,242	2,855	1,818	37,931	4,074	5,457	72	15	21

Table 2. Number of households by type of fuel used for cooking for the Philippines and its regions, provinces, and highly urbanized cities: 2010

(continuation)

(Figures are based on a 20 percent sample households.)

Region, Province, and Highly Urbanized City	Total Households	Type of fuel used for cooking							
		Electricity	Kerosene	LPG	Charcoal	Wood	Others	None	Not reported
Region IVA – CALABARZON	2,833,595	89,083	87,576	1,706,757	441,708	502,166	4,804	1,122	378
Batangas	511,530	18,094	9,824	272,902	25,905	183,563	1,082	149	10
Cavite	703,841	22,167	29,350	518,807	52,527	80,388	451	142	10
Laguna	623,707	18,491	17,325	423,967	82,024	80,172	1,468	136	124
Quezon (excluding Lucena City)	384,455	5,535	6,657	107,854	174,421	88,120	1,334	534	0
Lucena City	54,488	1,713	801	32,586	15,529	3,819	16	10	15
Rizal	555,574	23,083	23,619	350,641	91,303	66,104	452	151	220
Region IVB – MIMAROPA	602,131	7,985	11,820	75,873	192,560	310,063	2,809	930	91
Marinduque	51,648	728	595	7,411	21,225	21,257	386	46	0
Occidental Mindoro	98,872	1,230	1,986	12,399	29,754	52,524	587	392	0
Oriental Mindoro	172,956	2,939	2,955	29,832	47,459	88,506	1,014	250	0
Palawan (excluding Puerto Princesa City)	165,272	1,269	4,740	9,101	51,645	98,227	163	129	0
Puerto Princesa City	50,669	1,143	596	13,589	24,084	11,111	35	20	91
Romblon	62,714	676	947	3,541	18,393	38,438	624	94	0
Region V – Bicol Region	1,111,753	11,301	13,375	177,324	317,887	589,186	2,375	285	20
Albay	255,672	3,158	2,680	51,130	55,980	142,072	617	35	0
Camarines Norte	116,728	1,167	1,170	22,552	61,947	29,728	139	25	0
Camarines Sur	364,472	4,584	4,965	63,803	99,071	190,494	1,423	118	15
Catanduanes	49,368	199	354	9,549	2,755	36,482	30	0	0
Masbate	171,644	817	3,024	9,666	33,012	124,959	95	66	5
Sorsogon	153,869	1,376	1,182	20,625	65,124	65,452	71	39	0
Region VI – Western Visayas	1,526,587	24,453	11,839	162,970	360,105	965,906	771	332	211
Aklan	116,123	1,547	618	15,571	8,254	90,088	25	10	10
Antique	115,818	1,759	651	7,720	17,987	87,631	25	40	5
Capiz	159,061	1,426	1,095	10,696	32,691	113,074	46	34	0
Guimaras	35,462	387	188	1,290	8,767	24,810	10	0	10
Iloilo (excluding Iloilo City)	378,856	4,827	2,150	28,211	80,936	262,214	335	104	80
Iloilo City	90,681	2,990	597	26,116	54,620	6,237	77	24	19
Negros Occidental (excluding Bacolod City)	513,995	7,665	5,651	37,868	97,486	364,968	171	115	72
Bacolod City	116,591	3,851	889	35,498	59,366	16,884	82	5	15
Region VII – Central Visayas	1,487,710	38,049	39,842	296,383	86,915	1,022,956	2,687	638	240
Bohol	261,408	4,409	2,813	21,514	2,996	229,462	120	64	30
Cebu (excluding Cebu City, Lapu-Lapu City and Mandaue City)	565,583	11,169	10,690	92,460	18,668	431,480	765	246	107
Cebu City	195,461	10,020	11,549	90,662	36,375	46,094	600	145	16
Lapu-Lapu City	80,913	4,053	4,114	32,025	5,256	35,038	368	10	49
Mandaue City	78,394	3,680	5,288	30,629	15,566	22,637	561	12	19
Negros Oriental	284,740	4,466	5,155	27,444	7,951	239,270	274	161	20
Siquijor	21,211	252	232	1,649	102	18,976	0	0	0
Region VIII – Eastern Visayas	865,657	10,387	15,751	136,048	145,435	556,485	1,128	420	5
Biliran	34,224	160	432	5,094	1,675	26,842	0	21	0
Eastern Samar	90,041	923	1,297	15,445	34,883	37,409	46	38	0
Leyte (excluding Tacloban City)	346,346	3,536	5,656	45,660	16,365	274,128	769	232	0
Tacloban City	45,478	1,270	2,723	22,512	3,520	15,413	40	0	0
Northern Samar	113,980	1,498	2,639	14,373	51,090	44,228	104	41	5
Samar (Western Samar)	145,916	1,645	2,138	19,076	24,106	98,797	102	53	0
Southern Leyte	89,672	1,355	866	13,887	13,795	59,668	66	35	0

Table 2. Number of households by type of fuel used for cooking for the Philippines and its regions, provinces, and highly urbanized cities: 2010

(concluded)

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Region, Province, and Highly Urbanized City	Total Households	Type of fuel used for cooking							
		Electricity	Kerosene	LPG	Charcoal	Wood	Others	None	Not reported
Region IX – Zamboanga Peninsula	726,272	12,831	13,654	76,592	116,208	506,146	588	254	0
City of Isabela	20,294	430	384	1,569	13,737	4,141	5	29	0
Zamboanga del Norte	205,338	1,977	2,892	13,141	6,340	180,843	99	45	0
Zamboanga del Sur (excluding Zamboanga City)	203,402	2,470	4,146	16,066	16,179	164,406	92	45	0
Zamboanga City	175,050	6,747	4,342	40,354	62,534	60,846	180	46	0
Zamboanga Sibugay	122,188	1,208	1,891	5,462	17,417	95,909	212	89	0
Region X – Northern Mindanao	917,840	22,303	16,141	142,463	17,819	718,184	713	199	18
Bukidnon	272,884	5,233	3,301	20,164	6,329	237,570	230	57	0
Camiguin	18,183	167	175	1,627	273	15,940	0	0	0
Lanao del Norte (excluding Iligan City)	122,868	1,975	2,252	9,599	2,768	106,214	40	21	0
Iligan City	67,965	3,716	1,879	22,622	2,773	36,923	36	16	0
Misamis Occidental	125,244	2,137	1,305	13,862	4,262	103,574	91	13	0
Misamis Oriental (excluding Cagayan de Oro City)	173,231	3,045	1,974	19,910	507	147,692	65	33	4
Cagayan de Oro City	137,465	6,029	5,255	54,679	908	70,271	251	59	14
Region XI – Davao Region	1,011,943	33,989	26,851	187,450	117,068	643,394	1,769	491	930
Compostela Valley	151,821	3,034	3,276	15,399	6,837	122,990	99	186	0
Davao del Norte	211,099	7,090	4,758	42,418	11,481	144,558	631	163	0
Davao del Sur (excluding Davao City)	200,987	3,696	5,661	13,393	21,162	156,753	266	37	20
Davao City	334,473	17,702	11,290	108,961	69,174	125,691	674	70	910
Davao Oriental	113,563	2,468	1,866	7,278	8,415	93,401	99	36	0
Region XII – SOCCSKSARGEN	916,038	21,828	17,641	88,067	178,861	606,664	1,171	377	1,430
Cotabato City	55,171	2,569	2,768	16,578	12,774	18,877	39	145	1,420
Cotabato (North Cotabato)	271,784	4,213	5,160	17,013	17,969	227,228	109	86	5
Sarangani	108,622	1,845	2,157	4,221	18,891	81,395	88	20	5
South Cotabato (excluding General Santos City)	186,184	4,972	2,236	16,093	39,418	123,173	272	21	0
General Santos City (Dadiangas)	125,368	5,393	1,353	24,437	64,117	29,939	109	20	0
Sultan Kudarat	168,909	2,835	3,967	9,724	25,692	126,052	553	86	0
Autonomous Region of Muslim Mindanao	538,941	22,640	28,304	53,062	109,065	315,247	1,612	949	8,063
Basilan (excluding City of Isabela)	51,552	394	1,702	892	34,130	14,313	41	80	0
Lanao del Sur	143,786	16,009	7,115	35,565	5,579	74,578	673	36	4,230
Maguindanao (excluding Cotabato City)	157,715	3,622	9,138	7,874	7,740	124,673	352	483	3,832
Sulu	122,001	1,653	6,288	3,248	53,187	56,958	463	203	0
Tawi-Tawi	63,887	962	4,061	5,484	8,428	44,724	81	147	0
Caraga	504,257	9,377	7,931	66,685	22,190	397,224	615	225	10
Agusan del Norte (excluding Butuan City)	68,051	1,105	817	9,055	498	56,525	42	10	0
Butuan City	65,642	2,229	1,422	16,999	810	44,111	46	20	5
Agusan del Sur	133,985	1,927	2,759	9,044	1,592	118,162	356	145	0
Dinagat Islands	94,150	2,137	1,061	17,537	7,839	65,425	132	15	5
Surigao del Norte	114,969	1,594	1,515	12,091	6,491	93,203	39	35	0
Surigao del Sur	27,460	385	357	1,959	4,961	19,798	0	0	0

Source: National Statistics Office, 2010 Census of Population and Housing