

Distribution of Households by Type of Fuel Used for Lighting

City of Surigao (Capital), Surigao del Norte

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	33,467	84.60	33,467	84.60
Kerosene (gaas)	605	1.53	34,072	86.13
Liquified Petroleum Gas (LPG)	547	1.38	34,619	87.51
Oil (vegetable, animal, and others)	12	0.03	34,631	87.54
Solar panel / solar lamp	4,036	10.20	38,667	97.75
None	890	2.25	39,557	100.00
Total	39,557	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Alang-alang

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	93	93.00	93	93.00
Solar panel / solar lamp	7	7.00	100	100.00
Total	100	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Alegria

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	123	79.35	123	79.35
Kerosene (gaas)	4	2.58	127	81.94
Solar panel / solar lamp	28	18.06	155	100.00
Total	155	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Anomar

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	388	90.44	388	90.44
Kerosene (gaas)	1	0.23	389	90.68
Liquified Petroleum Gas (LPG)	1	0.23	390	90.91
Solar panel / solar lamp	39	9.09	429	100.00

Total	429	100.00		
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Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Aurora

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	6	3.13	6	3.13
Kerosene (gaas)	15	7.81	21	10.94
Solar panel / solar lamp	170	88.54	191	99.48
None	1	0.52	192	100.00
Total	192	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Serna

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	204	49.64	204	49.64
Kerosene (gaas)	49	11.92	253	61.56
Liquified Petroleum Gas (LPG)	1	0.24	254	61.81
Oil (vegetable, animal, and others)	1	0.24	255	62.05
Solar panel / solar lamp	5	1.22	260	63.27
None	151	36.74	411	100.00
Total	411	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Balibayon

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	485	91.86	485	91.86
Kerosene (gaas)	13	2.46	498	94.32
Liquified Petroleum Gas (LPG)	1	0.19	499	94.51
Solar panel / solar lamp	26	4.92	525	99.44
None	3	0.57	528	100.00
Total	528	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Baybay

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	92	96.84	92	96.84

Solar panel / solar lamp	2	2.11	94	100.00
Total	95	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Bilabid

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	62	87.32	62	87.32
Solar panel / solar lamp	8	11.27	70	98.59
None	1	1.41	71	100.00
Total	71	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Bitaugan

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Solar panel / solar lamp	166	97.08	166	97.08
None	5	2.92	171	100.00
Total	171	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Bonifacio

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	795	94.98	795	94.98
Kerosene (gaas)	5	0.60	800	95.58
Liquified Petroleum Gas (LPG)	4	0.48	804	96.06
Oil (vegetable, animal, and others)	1	0.12	805	96.18
Solar panel / solar lamp	30	3.58	835	99.76
None	2	0.24	837	100.00
Total	837	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Buenavista

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	207	92.00	207	92.00
Kerosene (gaas)	3	1.33	210	93.33
Liquified Petroleum Gas (LPG)	4	1.78	214	95.11
Solar panel / solar lamp	8	3.56	222	98.67

None	3	1.33	225	100.00
Total	225	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Cabongbongan

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	177	80.45	177	80.45
Kerosene (gaas)	14	6.36	191	86.82
Liquified Petroleum Gas (LPG)	1	0.45	192	87.27
Solar panel / solar lamp	28	12.73	220	100.00
Total	220	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Cagniog

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	1,717	88.32	1,717	88.32
Kerosene (gaas)	22	1.13	1,739	89.45
Liquified Petroleum Gas (LPG)	15	0.77	1,754	90.23
Oil (vegetable, animal, and others)	2	0.10	1,756	90.33
Solar panel / solar lamp	175	9.00	1,931	99.33
None	13	0.67	1,944	100.00
Total	1,944	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Cagutsan

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	55	55.00	55	55.00
Kerosene (gaas)	1	1.00	56	56.00
Solar panel / solar lamp	42	42.00	98	98.00
None	2	2.00	100	100.00
Total	100	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Cantiasay

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	6	2.63	6	2.63

Kerosene (gaas)	19	8.33	25	10.96
Solar panel / solar lamp	203	89.04	228	100.00
Total	228	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Capalayan

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	572	87.06	572	87.06
Kerosene (gaas)	13	1.98	585	89.04
Liquified Petroleum Gas (LPG)	2	0.30	587	89.35
Oil (vegetable, animal, and others)	1	0.15	588	89.50
Solar panel / solar lamp	66	10.05	654	99.54
None	3	0.46	657	100.00
Total	657	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Catadman

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	72	75.00	72	75.00
Kerosene (gaas)	1	1.04	73	76.04
Solar panel / solar lamp	23	23.96	96	100.00
Total	96	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Danao

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	191	97.45	191	97.45
Solar panel / solar lamp	5	2.55	196	100.00
Total	196	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Danawan

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	10	6.13	10	6.13
Kerosene (gaas)	14	8.59	24	14.72
Liquified Petroleum Gas (LPG)	1	0.61	25	15.34

Solar panel / solar lamp	136	83.44	161	98.77
None	2	1.23	163	100.00
Total	163	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Day-asan

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	415	80.90	415	80.90
Kerosene (gaas)	3	0.58	418	81.48
Solar panel / solar lamp	89	17.35	507	98.83
None	6	1.17	513	100.00
Total	513	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Ipil

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	1,138	94.60	1,138	94.60
Kerosene (gaas)	14	1.16	1,152	95.76
Liquified Petroleum Gas (LPG)	4	0.33	1,156	96.09
Solar panel / solar lamp	41	3.41	1,197	99.50
None	6	0.50	1,203	100.00
Total	1,203	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Libuac

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	199	96.60	199	96.60
Kerosene (gaas)	2	0.97	201	97.57
Solar panel / solar lamp	5	2.43	206	100.00
Total	206	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Lipata

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	613	90.41	613	90.41
Kerosene (gaas)	12	1.77	625	92.18

Solar panel / solar lamp	50	7.37	675	99.56
None	3	0.44	678	100.00
Total	678	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Lisondra

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Kerosene (gaas)	7	3.33	7	3.33
Solar panel / solar lamp	191	90.95	198	94.29
None	12	5.71	210	100.00
Total	210	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Luna

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	2,612	85.47	2,618	85.47
Kerosene (gaas)	28	0.91	2,646	86.39
Liquified Petroleum Gas (LPG)	42	1.37	2,688	87.76
Oil (vegetable, animal, and others)	1	0.03	2,689	87.79
Solar panel / solar lamp	353	11.82	3,051	99.61
None	12	0.39	3,063	100.00
Total	3,048	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Mabini

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	446	85.33	448	85.33
Kerosene (gaas)	19	3.62	467	88.95
Liquified Petroleum Gas (LPG)	2	0.38	469	89.33
Solar panel / solar lamp	49	9.33	518	98.67
None	7	1.33	525	100.00
Total	523	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Mabua

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
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Electricity	479	61.49	479	61.49
Kerosene (gaas)	16	2.05	495	63.54
Liquified Petroleum Gas (LPG)	6	0.77	501	64.31
Solar panel / solar lamp	21	2.70	522	67.01
None	257	32.99	779	100.00
Total	779	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Manjagao

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	34	14.11	34	14.11
Kerosene (gaas)	6	2.49	40	16.60
Oil (vegetable, animal, and others)	1	0.41	41	17.01
Solar panel / solar lamp	199	82.57	240	99.59
None	1	0.41	241	100.00
Total	241	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Mapawa

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	276	89.61	276	89.61
Kerosene (gaas)	5	1.62	281	91.23
Oil (vegetable, animal, and others)	2	0.65	283	91.88
Solar panel / solar lamp	23	7.47	306	99.35
None	2	0.65	308	100.00
Total	308	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Mat-i

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	1,559	92.36	1,559	92.36
Kerosene (gaas)	17	1.01	1,576	93.36
Liquified Petroleum Gas (LPG)	5	0.30	1,581	93.66
Oil (vegetable, animal, and others)	1	0.06	1,582	93.72
Solar panel / solar lamp	101	5.98	1,683	99.70
None	5	0.30	1,688	100.00
Total	1,688	100.00		

Nabago

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	249	88.30	249	88.30
Kerosene (gaas)	1	0.35	250	88.65
Solar panel / solar lamp	23	8.16	273	96.81
None	9	3.19	282	100.00
Total	282	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Nonoc

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	7	2.43	7	2.43
Kerosene (gaas)	15	5.21	22	7.64
Solar panel / solar lamp	252	87.50	274	95.14
None	14	4.86	288	100.00
Total	288	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Poctoy

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	425	93.82	425	93.82
Kerosene (gaas)	7	1.55	432	95.36
Solar panel / solar lamp	20	4.42	452	99.78
None	1	0.22	453	100.00
Total	453	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Punta Bilar

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	267	76.72	267	76.72
Kerosene (gaas)	8	2.30	275	79.02
Solar panel / solar lamp	67	19.25	342	98.28
None	6	1.72	348	100.00
Total	348	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Quezon

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	509	96.77	509	96.77
Kerosene (gaas)	2	0.38	511	97.15
Solar panel / solar lamp	11	2.09	522	99.24
None	4	0.76	526	100.00
Total	526	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Rizal

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	1,663	92.59	1,663	92.59
Kerosene (gaas)	18	1.00	1,681	93.60
Liquified Petroleum Gas (LPG)	35	1.95	1,716	95.55
Oil (vegetable, animal, and others)	1	0.06	1,717	95.60
Solar panel / solar lamp	56	3.12	1,773	98.72
None	23	1.28	1,796	100.00
Total	1,796	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Sabang

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	1,357	96.24	1,357	96.24
Kerosene (gaas)	22	1.56	1,379	97.80
Liquified Petroleum Gas (LPG)	11	0.78	1,390	98.58
Solar panel / solar lamp	17	1.21	1,407	99.79
None	3	0.21	1,410	100.00
Total	1,410	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

San Isidro

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	149	90.30	149	90.30
Kerosene (gaas)	2	1.21	151	91.52
Solar panel / solar lamp	14	8.48	165	100.00

Total	165	100.00		
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Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

San Jose

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	1	0.34	1	0.34
Kerosene (gaas)	5	1.71	6	2.05
Liquified Petroleum Gas (LPG)	1	0.34	7	2.39
Solar panel / solar lamp	284	96.93	291	99.32
None	2	0.68	293	100.00
Total	293	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

San Juan

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	3,454	95.81	3,454	95.81
Kerosene (gaas)	46	1.28	3,500	97.09
Liquified Petroleum Gas (LPG)	40	1.11	3,540	98.20
Oil (vegetable, animal, and others)	1	0.03	3,541	98.22
Solar panel / solar lamp	45	1.25	3,586	99.47
None	19	0.53	3,605	100.00
Total	3,605	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

San Pedro

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	14	7.37	14	7.37
Kerosene (gaas)	52	27.37	66	34.74
Solar panel / solar lamp	122	64.21	188	98.95
None	2	1.05	190	100.00
Total	190	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

San Roque

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	419	93.11	419	93.11

Kerosene (gaas)	6	1.33	425	94.44
Liquified Petroleum Gas (LPG)	1	0.22	426	94.67
Solar panel / solar lamp	21	4.67	447	99.33
None	3	0.67	450	100.00
Total	450	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Sidlakan

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	64	83.12	64	83.12
Solar panel / solar lamp	11	14.29	75	97.40
None	2	2.60	77	100.00
Total	77	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Silop

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	324	92.31	324	92.31
Kerosene (gaas)	7	1.99	331	94.30
Liquified Petroleum Gas (LPG)	1	0.28	332	94.59
Solar panel / solar lamp	16	4.56	348	99.15
None	3	0.85	351	100.00
Total	351	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Sugbay

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Solar panel / solar lamp	141	100.00	141	100.00
Total	141	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Sukailang

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	291	90.37	291	90.37
Kerosene (gaas)	3	0.93	294	91.30
Liquified Petroleum Gas (LPG)	9	2.80	303	94.10

Solar panel / solar lamp	8	2.48	311	96.58
None	11	3.42	322	100.00
Total	322	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Taft (Pob.)

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	4,026	97.11	4,026	97.11
Kerosene (gaas)	11	0.27	4,037	97.37
Liquified Petroleum Gas (LPG)	71	1.71	4,108	99.08
Solar panel / solar lamp	30	0.72	4,138	99.81
None	8	0.19	4,146	100.00
Total	4,146	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Talisay

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	74	24.50	74	24.50
Kerosene (gaas)	21	6.95	95	31.46
Liquified Petroleum Gas (LPG)	2	0.66	97	32.12
Solar panel / solar lamp	205	67.88	302	100.00
Total	302	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Togbongon

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	466		467	78.49
Kerosene (gaas)	4		471	79.16
Liquified Petroleum Gas (LPG)	13		484	81.34
Solar panel / solar lamp	92		576	96.81
None	19		595	100.00
Total	594	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Trinidad

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
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Electricity	599	93.89	599	93.89
Kerosene (gaas)	16	2.51	615	96.39
Liquified Petroleum Gas (LPG)	2	0.31	617	96.71
Solar panel / solar lamp	17	2.66	634	99.37
None	4	0.63	638	100.00
Total	638	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Orok

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	319	83.51	319	83.51
Kerosene (gaas)	9	2.36	328	85.86
Liquified Petroleum Gas (LPG)	1	0.26	329	86.13
Solar panel / solar lamp	51	13.35	380	99.48
None	2	0.52	382	100.00
Total	382	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Washington (Pob.)

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	3,498	92.00	3,498	92.00
Kerosene (gaas)	27	0.71	3,525	92.71
Liquified Petroleum Gas (LPG)	248	6.52	3,773	99.24
Solar panel / solar lamp	21	0.55	3,794	99.79
None	8	0.21	3,802	100.00
Total	3,802	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Zaragoza

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	10	7.58	10	7.58
Kerosene (gaas)	1	0.76	11	8.33
Liquified Petroleum Gas (LPG)	3	2.27	14	10.61
Solar panel / solar lamp	117	88.64	131	99.24
None	1	0.76	132	100.00
Total	132	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority

Canlanipa

Fuel for lighting	Frequency	Percent	Cumulative Total	Cumulative Percent
Electricity	2,256	85.13	2,256	85.13
Kerosene (gaas)	19	0.72	2,275	85.85
Liquified Petroleum Gas (LPG)	20	0.75	2,295	86.60
Solar panel / solar lamp	106	4.00	2,401	90.60
None	249	9.40	2,650	100.00
Total	2,650	100.00		

Source: 2023 Community-Based Monitoring System (CBMS), Philippine Statistics Authority