

Global Tracking Framework (GTF)

Country Data - Bhutan

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	0	0	0
1991	0.03	0	0
1992	0.26	0	0
1993	1.18	0.01	0
1994	1.57	0.12	0
1995	6.68	0.76	0
1996	11.79	2.67	0
1997	16.88	5.58	0
1998	21.95	10.88	0
1999	27.01	16.17	0
2000	32.05	21.43	0
2001	37.08	26.68	0
2002	42.1	31.93	0
2003	41.1	37.19	0
2004	52.14	42.45	74.95
2005	59.81	43.68	96.78
2006	62.2	53.01	81.98
2007	71.8	60.3	98.73
2008	72.3	63.67	89.63
2009	77.36	69.03	93.53
2010	82.44	74.41	97.48
2011	87.51	79.79	100

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2012	91.5	87.3	99.6
2013	97.67	90.58	100
2014	100	95.98	100

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	38.03
2001	40.3
2002	42.53
2003	44.71
2004	46.87
2005	49
2006	51.13
2007	53.25
2008	55.36
2009	57.48
2010	59.59
2011	61.71
2012	63.82
2013	65.93
2014	68.04

Energy Efficiency

Energy Intensity 1990-2014

Year	National Energy Intensity	Compound annual growth
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	(MJ/USD PPP 2011)	rate of national energy intensity (%)
1990	30.02	0
1991	30.29	0.91
1992	29.33	-3.17
1993	28.52	-2.77
1994	27.57	-3.33
1995	26.31	-4.55
1996	25.65	-2.52
1997	25.15	-1.94
1998	24.32	-3.3
1999	22.86	-6.02
2000	21.79	-4.65
2001	20.48	-6.05
2002	18.98	-7.3
2003	17.79	-6.27
2004	16.83	-5.4
2005	16.21	-3.66
2006	15.51	-4.36
2007	13.74	-11.41
2008	13.64	-0.72
2009	13.2	-3.22
2010	12.55	-4.92
2011	11.76	-6.31
2012	11.56	-1.7
2013	11.65	0.74
2014	11.06	-5.03

Sectors 1990-2014

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Year	Industry (MJ/USD PPP 2011)	Agriculture (MJ/USD PPP 2011)	Residential (GJ/Population)	Services (MJ/USD PPP 2011)
1990	2.44	0.07	66.27	0
1991	2.59	0.07	66.61	0
1992	3.02	0.07	67.29	0
1993	2.18	0.07	68.7	0
1994	3.28	0.07	70.07	0
1995	3.1	0.07	70.9	0
1996	3.69	0.07	71.6	0
1997	5.53	0.07	71.17	0
1998	5.25	0.06	70.96	0
1999	4.53	0.06	70.3	0
2000	4.24	0.06	69.52	0
2001	3.42	0.06	68.15	0
2002	3.28	0	67.32	0.01
2003	2.44	0	66.19	0
2004	1.72	0	65.35	0.01
2005	2.3	0	64.25	0.01
2006	2.3	0	64.29	0.01
2007	2.01	0	64.61	0.01
2008	2.94	0	64.58	0.01
2009	3.03	0	64.64	0.01
2010	3.55	0	64.95	0.01
2011	3.01	0.01	64.05	0.12
2012	3.19	0.01	63.51	0.12
2013	3.48	0.01	63.23	0.13
2014	3.72	0.01	61.73	0.13

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Renewable Energy

Total Final Energy Consumption

Year	Renewables (as % of TFEC) (%)	New Renewables (as % of TFEC) (%)	Traditional Solid Biomass (TJ)	Modern Renewables (TJ)	Non Renewables (TJ)
1990	95.9	1.46	34993.19	641.65	1523.93
1991	95.92	1.55	35116.59	687.74	1522.98
1992	95.29	1.52	35165.98	681.65	1772.87
1993	95.86	1.67	35119.87	753.92	1550.07
1994	95.29	2.59	35369.1	1130.04	1803.69
1995	94.37	2.49	35593.69	1105.42	2188.7
1996	93.24	3.09	35877.33	1371.82	2700.6
1997	91.35	3.19	36345.49	1467.36	3580.5
1998	91.53	3.65	37202.45	1697.76	3599.06
1999	91.57	3.36	37894.52	1602.49	3638.19
2000	91.4	3.27	38591.81	1591.69	3781.88
2001	91.75	3.97	38820.55	1925.94	3664.59
2002	91.2	4.34	39521.05	2147.03	4020.23
2003	91.92	4.4	39992.17	2181.73	3708.86
2004	93.45	4.84	40583.7	2399.22	3011.29
2005	91.66	4.68	40829.11	2378.79	3931.38
2006	91.92	5.66	41718.3	2924.34	3923.49
2007	92.19	7.04	42952.23	3746.41	3957.88
2008	92	8.22	43935.48	4516.39	4213.5
2009	92.61	9.92	44744.74	5612.03	4020.66
2010	90.89	10.01	45696.99	5751.39	5156.47
2011	89.44	10.19	45774.86	5988.26	6113.66

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2012	87.85	10.66	46028.92	6461.65	7261.89
2013	86.84	10.81	46531.05	6720.17	8072.33
2014	86.66	11.7	46124.88	7304.95	8224.34

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	99.99	0	94.3

Current Renewable Energy Consumption by Source (2014)

Year	Geothermal (TJ)	Hydro (TJ)	Liquid Biofuels (TJ)	Modern Biomass (TJ)	Others (TJ)	Solar (TJ)	Traditional Biomass (TJ)	Wind (TJ)
2014	0	7213.6	0	91.35	0	0	46124.88	0