

Global Tracking Framework (GTF)

Country Data - Malawi

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	1.9	0.28	0
1991	2.28	0.47	0
1992	3.2	1.1	19.8
1993	3.05	0.85	18.38
1994	3.43	1.03	19.61
1995	3.8	1.2	20.77
1996	4.15	1.36	21.87
1997	4.5	1.5	22.92
1998	4.83	1.62	23.9
1999	5.14	1.72	25.22
2000	4.8	1	28.7
2001	5.72	1.88	27.95
2002	5.99	1.96	29.26
2003	6.2	2.27	37.15
2004	6.9	2.2	30.2
2005	6.82	2.2	32.87
2006	7.11	2.32	33.94
2007	7.4	2.46	34.93
2008	7.71	2.62	35.86
2009	8.03	2.8	36.72
2010	8.7	3.5	34.7
2011	7.6	2.9	32.6

Global Tracking Framework (GTF)

2012	7.4	2.3	37.1
2013	9	3.4	36.6
2014	11.9	4.7	46.1

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	2
2001	2
2002	2
2003	2.01
2004	2.05
2005	2.13
2006	2.23
2007	2.35
2008	2.48
2009	2.6
2010	2.72
2011	2.84
2012	2.95
2013	3.07
2014	3.18

Energy Efficiency

Energy Intensity 1990-2014

Year	National Energy Intensity	Compound annual growth
------	---------------------------	------------------------

Global Tracking Framework (GTF)

	(MJ/USD PPP 2011)	rate of national energy intensity (%)
1990	9.14	0
1991	8.48	-7.18
1992	9.28	9.4
1993	8.12	-12.45
1994	9.53	17.35
1995	8.02	-15.89
1996	7.38	-7.93
1997	7.12	-3.58
1998	6.91	-2.84
1999	8.65	25.11
2000	8.59	-0.69
2001	9.23	7.48
2002	9.51	3.02
2003	8.81	-7.34
2004	8.49	-3.69
2005	8.18	-3.6
2006	7.82	-4.41
2007	7.3	-6.66
2008	7.07	-3.23
2009	6.48	-8.25
2010	6.27	-3.26
2011	6.04	-3.62
2012	5.96	-1.47
2013	5.73	-3.74
2014	5.46	-4.74

Sectors 1990-2014

Global Tracking Framework (GTF)

Year	Industry (MJ/USD PPP 2011)	Agriculture (MJ/USD PPP 2011)	Residential (GJ/Population)	Services (MJ/USD PPP 2011)
1990	6.72	0.16	3.09	0.1
1991	6.97	0.12	2.98	0.09
1992	6.94	0.16	2.96	0.1
1993	6.04	0.12	2.83	0.1
1994	7.73	0.16	2.84	0.12
1995	7.95	0.13	2.68	0.11
1996	7.2	0	2.56	0.11
1997	6.92	0	2.49	0.1
1998	6.65	0	2.46	0.1
1999	6.18	0	2.44	0.11
2000	6.7	0	2.33	0.13
2001	7.48	0	2.21	0.11
2002	8.88	0	2.15	0.13
2003	7.36	0	2.1	0.26
2004	7.07	0	2.05	0.14
2005	6.88	0	1.99	0.13
2006	5.65	0	1.93	0.14
2007	5.8	0	1.86	0.14
2008	5.62	0	1.8	0.14
2009	4.68	0	1.74	0.13
2010	4.23	0	1.69	0.15
2011	4.73	0	1.63	0.13
2012	4.66	0	1.55	0.1
2013	4.47	0	1.49	0.1
2014	4.39	0	1.45	0.1

Global Tracking Framework (GTF)

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	84.03	4.02	28325.12	17466.1	8702.04
1991	82.95	4.27	27734.3	17877.55	9373.53
1992	83.03	4.41	27761.89	18362.58	9424.31
1993	81.64	4.62	26278.83	16231.89	9560.06
1994	82.32	4.49	26432.87	18674.53	9691.03
1995	81.99	4.51	25068.99	19078.2	9698.68
1996	81.74	4.66	24311.17	18866.93	9645.08
1997	81.52	5.21	24135.94	18756.86	9721.8
1998	82.07	5.47	24094.03	19188.45	9454.75
1999	80.53	5.6	23981.25	18990.84	10389.67
2000	82.53	5.95	23874.89	19966.42	9281.67
2001	81.28	6.07	23702.35	20245.63	10122.72
2002	82.24	6.2	23537	22052	9848.45
2003	81.4	6.35	23378.98	22349.99	10449.63
2004	82.36	6.94	23227.43	22880.92	9878.78
2005	83.87	7.28	23082.53	23567.06	8969.93
2006	83.48	7.53	22960.17	23090.6	9111.02
2007	84.23	7.56	22825.86	24786.11	8915.64
2008	81.67	8.16	22718.7	26506.37	11045.72
2009	83.65	9.08	22614.72	27061.34	9710.12
2010	79.73	9.04	22521.43	27086.67	12608.14
2011	79.95	8.71	22414.05	27968.36	12636.09

Global Tracking Framework (GTF)

2012	81.16	8.93	22312.19	28847.09	11872.69
2013	80.36	9.15	22219.97	29147.42	12551.48
2014	80.58	9.1	22115.7	29727.61	12495.6

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	91.37	0	95.15

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	5851.72	0	23875.89	0	0	22115.7	0