

## Global Tracking Framework (GTF) Country Data - Botswana

### Energy Access

#### Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	5.81	0	0
1991	10.1	2	17.5
1992	10.15	2	19.56
1993	12.32	3.65	21.98
1994	14.48	5.3	24.38
1995	16.64	6.94	26.74
1996	18.78	8.57	29.07
1997	20.92	10.18	31.36
1998	23.03	11.78	33.62
1999	25.13	13.35	35.84
2000	27.21	14.9	38.03
2001	24.8	8.1	37
2002	31.35	17.99	42.55
2003	33.41	19.53	44.94
2004	35.47	21.08	47.31
2005	37.53	22.65	49.67
2006	39.61	24.23	52.03
2007	41.69	25.84	54.38
2008	43.1	42.9	57.1
2009	45.89	29.12	59.06
2010	48	30.79	61.4
2011	53.24	23.87	69.13

## Global Tracking Framework (GTF)

2012	52.24	34.15	66.05
2013	54.36	35.84	68.37
2014	56.48	37.52	70.68

### Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	45.71
2001	47.03
2002	48.31
2003	49.55
2004	50.77
2005	51.96
2006	53.14
2007	54.31
2008	55.49
2009	56.66
2010	57.84
2011	59.01
2012	60.18
2013	61.35
2014	62.52

## Energy Efficiency

### Energy Intensity 1990-2014

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

## Global Tracking Framework (GTF)

	<b>(MJ/USD PPP 2011)</b>	<b>rate of national energy intensity (%)</b>
1990	4.56	0
1991	4.33	-5.22
1992	4.84	11.97
1993	4.77	-1.59
1994	4.53	-4.91
1995	4.34	-4.31
1996	4	-7.81
1997	3.88	-2.87
1998	4.35	12.07
1999	4.1	-5.84
2000	4.18	1.93
2001	4.22	0.92
2002	4.04	-4.23
2003	3.85	-4.73
2004	3.68	-4.25
2005	3.64	-1.3
2006	3.47	-4.63
2007	3.31	-4.55
2008	3.3	-0.39
2009	3.33	1.01
2010	3.36	0.82
2011	3.04	-9.41
2012	3.3	8.57
2013	3.18	-3.73
2014	3.37	6.06

### Sectors 1990-2014

## Global Tracking Framework (GTF)

<b>Year</b>	<b>Industry (MJ/USD PPP 2011)</b>	<b>Agriculture (MJ/USD PPP 2011)</b>	<b>Residential (GJ/Population)</b>	<b>Services (MJ/USD PPP 2011)</b>
1990	1.1	0.73	13.59	0.3
1991	1.04	0.64	14.07	0.36
1992	1.42	0.78	14.53	0.43
1993	1.34	0.8	14.6	0.51
1994	1.08	0.82	14.75	0.48
1995	0.92	0.68	14.08	0.46
1996	1.14	0.7	14.19	0.38
1997	1.11	0.75	14.15	0.36
1998	1.69	0.79	13.73	0.76
1999	1.46	1.07	14.39	0.49
2000	1.42	1.37	13.7	0.59
2001	1.62	1.88	14.25	0.57
2002	1.62	2.18	13.89	0.56
2003	1.46	2.28	13.56	0.42
2004	1.17	1.34	12.03	0.37
2005	1.36	1.09	12.09	0.3
2006	1.38	1.33	12.17	0.28
2007	1.59	0.97	12.18	0.27
2008	1.52	1.04	12.21	0.24
2009	1.95	1.28	12.32	0.23
2010	1.23	1.37	12.41	0.24
2011	1.18	1.43	12.37	0.21
2012	1.16	1.51	12.44	0.22
2013	1.06	1.46	12.4	0.22
2014	1.26	1.56	12.45	0.23

## 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	47.58	0.06	17398.67	235.93	19424.83
1991	48.08	0.06	18536.43	411.94	20459.47
1992	44.71	0.08	19673.23	597.88	25069.72
1993	45.89	0.07	20284.08	754.88	24812.11
1994	48.27	0.08	20939.99	515.9	22990.93
1995	47.17	0.05	20523.07	662.85	23724.21
1996	44.69	0.04	21034.94	22.99	26063.33
1997	44	0.04	21449.9	23.95	27331.47
1998	37.4	0.04	21036.95	21.98	35251.98
1999	39.83	0.04	22715.65	21.94	34342.31
2000	36.56	0.04	21448.89	21.98	37264.49
2001	35.67	0.03	22715.65	21.94	41013.47
2002	34.25	0.03	22251.71	21.98	42759.29
2003	34.23	0.03	21803.81	21.98	41938.21
2004	32.12	0.01	19078.33	5.99	40326.09
2005	30.76	0.01	19078.33	5.99	42949.49
2006	29.37	0	19406.28	0	46672.73
2007	27.67	0	19754.2	0	51646.23
2008	27.16	0	20143.11	0	54019.39
2009	28.26	0	20542.03	0	52147.64
2010	30.19	0	20961.97	0	48480.51
2011	30.27	0	21391.87	0	49272.48

## Global Tracking Framework (GTF)

2012	30.28	0	21831.82	0	50257.09
2013	30.03	0.01	22281.73	6.25	51935.9
2014	29.17	0.01	22721.64	5.26	55188.99

### Renewable Energy Consumption

#### Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	0.04	0	65.57

#### 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	0	0	0	0	5.22	22721.64	0