

## Global Tracking Framework (GTF)

### Country Data - Brazil

#### Energy Access

##### Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	87.48	55.42	97.54
1991	89.68	56.67	100
1992	88.8	54.33	97.52
1993	90	57.2	98.03
1994	91.37	62.66	99.99
1995	91.73	62.92	98.59
1996	92.87	66.94	98.92
1997	93.35	68.82	99.06
1998	94.19	72.78	99.14
1999	94.76	75.44	99.19
2000	94.46	74.32	99.12
2001	96.02	77.63	99.22
2002	96.65	80.18	99.43
2003	96.98	81.92	99.5
2004	96.77	81.51	99.59
2005	97.09	83.47	99.63
2006	97.59	86.07	99.71
2007	98.13	89.07	99.78
2008	98.53	91.4	99.82
2009	98.86	93.33	99.85
2010	99.16	93.64	100
2011	99.33	95.78	99.9

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2012	99.52	97.02	99.93
2013	99.58	97.29	99.94
2014	99.65	97.84	99.95

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

Year	Access to clean fuels and technologies for cooking (%)
2000	86.48
2001	87.08
2002	87.64
2003	88.15
2004	88.64
2005	89.11
2006	89.56
2007	90.01
2008	90.46
2009	90.91
2010	91.36
2011	91.81
2012	92.25
2013	92.7
2014	93.14

## 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	3.81	0
1991	3.82	0.37
1992	3.88	1.52
1993	3.8	-2.07
1994	3.8	-0.06
1995	3.76	-0.95
1996	3.88	3.04
1997	3.94	1.63
1998	4.02	2.05
1999	4.09	1.79
2000	3.95	-3.56
2001	3.95	0.09
2002	3.94	-0.39
2003	3.96	0.5
2004	3.95	-0.19
2005	3.92	-0.66
2006	3.9	-0.47
2007	3.89	-0.38
2008	3.91	0.46
2009	3.78	-3.15
2010	3.89	2.83
2011	3.8	-2.26
2012	3.89	2.37
2013	3.94	1.2
2014	4.06	3.13

### 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	5.1	3.85	5.02	0.25
1991	5.4	4.07	5.02	0.25
1992	5.71	3.82	5	0.26
1993	5.49	4	4.75	0.26
1994	5.39	3.85	4.67	0.27
1995	5.19	3.86	4.65	0.29
1996	5.55	3.89	4.72	0.28
1997	5.65	3.99	4.78	0.3
1998	5.82	3.74	4.86	0.31
1999	6.13	3.62	4.91	0.33
2000	5.87	3.43	4.93	0.34
2001	6.03	3.44	4.73	0.32
2002	6.17	2.97	4.78	0.32
2003	6.5	3.04	4.76	0.32
2004	6.36	3.07	4.8	0.31
2005	6.39	2.96	4.85	0.32
2006	6.6	2.92	4.85	0.31
2007	6.7	2.92	4.83	0.31
2008	6.69	3.32	4.88	0.3
2009	6.7	2.97	4.94	0.3
2010	6.57	2.95	4.99	0.3
2011	6.38	3.07	4.85	0.3
2012	6.46	2.93	4.91	0.31
2013	6.45	2.95	4.86	0.31
2014	6.51	3.05	5.03	0.33

## 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	49.86	22.26	360106.46	1766655.65	2138305.3
1991	48.94	22.65	357674.85	1767105.69	2216985.95
1992	48.7	22.48	356087.63	1789530.65	2260061.17
1993	48.2	23.05	312960.79	1870612.4	2346746.97
1994	48.35	23	303875.18	1990767.27	2451255.37
1995	46.13	22.85	273944.42	2024416.1	2683525.36
1996	44.53	22.53	267259.52	2069464.23	2910464.12
1997	43.73	22.18	270402.01	2135440.97	3096357.22
1998	43.86	22.08	276137.67	2215613.23	3189191.7
1999	44.1	21.5	284749.88	2274844.52	3244832.18
2000	42.8	21.43	292276.91	2211781.75	3346714.07
2001	41.48	18.86	304658.2	2123768.1	3426323.44
2002	43.02	19.5	339620.91	2284264.07	3474689.59
2003	45.31	20.07	354018.77	2452075.68	3387189.38
2004	45.39	19.97	359031.67	2612430.78	3575055.64
2005	46.35	20.82	366380.38	2719752.51	3572486.59
2006	46.91	20.42	367450.94	2848030.26	3639815.42
2007	47.42	21.62	348674.78	3106066.03	3831033.18
2008	47.26	22.37	344791.6	3234277.1	3993547.76
2009	49.11	24.28	339608.93	3297981.16	3768873.47
2010	47.01	22.7	325886.49	3493532.3	4305852.98
2011	45.47	22.44	292531.84	3545669.66	4603241.99

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2012	43.62	20.87	290949.73	3507846.7	4909884.77
2013	42.45	20.54	257159.03	3514845.29	5114218.8
2014	41.81	20.3	275719.66	3515916.5	5276892.29

### Renewable Energy Consumption

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

Year	Electricity (%)	Transport (%)	Heating (%)
2014	73.08	17.59	50.39

#### 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	1140059.12	636574.42	1674766.64	1713.95	25536.98	275719.66	37271.65