

## **Country Data - Guinea**

### **Energy Access**

## Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	8.83	0.18	0
1991	9.68	0.38	0
1992	10.52	0.58	0
1993	11.36	0.77	0
1994	12.2	0.96	0
1995	13.02	1.14	0
1996	13.84	1.31	0
1997	14.65	1.46	0
1998	15.43	1.59	0
1999	16.4	1.5	53.8
2000	16.96	1.8	50.67
2001	17.7	1.88	52.33
2002	18.44	1.96	53.93
2003	19.17	2.04	55.46
2004	19.9	2.13	56.93
2005	20.2	2.8	63.8
2006	21.39	2.36	59.67
2007	22.14	2.51	60.95
2008	22.91	2.68	62.17
2009	23.69	2.87	63.34
2010	24.47	3.07	64.46
2011	25.26	3.29	65.54



2012	26.2	2.9	74.2
2013	26.85	3.74	67.56
2014	27.64	3.96	68.51

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

Year	Access to clean fuels and technologies for cooking (%)
2000	2.04
2001	2.16
2002	2.38
2003	2.66
2004	2.96
2005	3.25
2006	3.53
2007	3.8
2008	4.06
2009	4.33
2010	4.6
2011	4.86
2012	5.12
2013	5.39
2014	5.65

### **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	15.51	0
1991	15.71	1.34
1992	11.88	-24.41
1993	11.48	-3.31
1994	11.36	-1.09
1995	15.38	35.37
1996	14.95	-2.77
1997	10.25	-31.46
1998	10.07	-1.78
1999	13.17	30.88
2000	12.85	-2.49
2001	12.55	-2.33
2002	12.06	-3.86
2003	11.99	-0.58
2004	11.89	-0.87
2005	11.64	-2.1
2006	11.46	-1.54
2007	11.42	-0.38
2008	10.93	-4.22
2009	11.13	1.82
2010	11.4	2.37
2011	11.09	-2.66
2012	10.61	-4.4
2013	10.09	-4.89
2014	10.17	0.85

Sectors 1990-2014



Year	Industry (MJ/USD PPP 2011)	Agriculture (MJ/USD PPP 2011)	Residential (GJ/Population)	Services (MJ/USD PPP 2011)
1990	2.18	0	14.49	0.01
1991	2.22	0	14.3	0.01
1992	2.35	0	10.51	0.01
1993	2.21	0	9.94	0.01
1994	2.35	0	9.66	0.01
1995	2.35	0	14.05	0.01
1996	2.39	0	12.89	0.01
1997	2.45	0	9.75	0.01
1998	2.45	0	9.55	0.01
1999	2.46	0	11.65	0.01
2000	2.46	0	11.31	0.01
2001	2.49	0	11.12	0.01
2002	2.47	0	10.96	0.01
2003	2.53	0	10.77	0.01
2004	2.66	0	10.61	0.1
2005	2.64	0	10.41	0.11
2006	2.7	0	10.18	0.1
2007	2.78	0	9.96	0.11
2008	2.45	0	9.73	0.11
2009	2.55	0	9.47	0.1
2010	2.72	0	9.25	0.1
2011	2.89	0	9.03	0.09
2012	2.44	0	8.81	0.11
2013	1.86	0	8.6	0.09
2014	2	0	8.39	0.09



### **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	89.3	0.63	85424.9	1110.04	10371.79
1991	89.41	0.63	88933.93	1086.6	10664.3
1992	86.33	0.79	68893.6	1093.73	11081.37
1993	86.18	0.67	69033.85	1045.88	11239.76
1994	85.95	0.66	70779.22	1026.62	11738.05
1995	89.93	0.45	108453.78	1052.6	12261.74
1996	88.84	0.6	102691.05	1228.19	13059.11
1997	85.31	0.76	79218	1276.75	13863.34
1998	84.36	1.14	79219.34	1647.42	14992.37
1999	86.32	0.98	98811.35	1780.29	15946.02
2000	85.62	1.11	97556.01	1922.75	16708.47
2001	84.93	1.2	97696.21	2043.22	17694.19
2002	84.38	1.26	98049.13	2127.34	18549.17
2003	83.6	0.75	98319.48	1554.98	19595.4
2004	83.13	1.17	98595.22	2069.15	20426.33
2005	82.6	1.07	98876.73	1941.15	21230.47
2006	82.06	0.96	99162.34	1818.5	22077.01
2007	81.52	1.12	99471.67	2030.38	23006.58
2008	81.58	1.03	99781.9	1783.16	22928.97
2009	81.24	0.96	100097.5	1652.11	23491.29
2010	79.1	0.96	100426.97	1689.01	26979.47
2011	77.52	0.82	100699.22	1536.85	29642.36

2012	78.45	0.97	100986.22	1717.27	28212.95
2013	80.37	0.99	101285.73	1719.12	25157.27
2014	80.01	1	101591.15	1741.09	25813.29

## Renewable Energy Consumption

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

Year	Electricity (%)	Transport (%)	Heating (%)
2014	48.28	0	91.5

#### **Current Renewable Energy Consumption by Source (2014)**

Year	Geothe rmal (TJ)	Hydro (TJ)	Liquid Biofuel s (TJ)	Moder n Biomas s (TJ)	Others (TJ)	Solar (TJ)	Traditi onal Biomas s (TJ)	Wind (TJ)
2014	0	1287.81	0	453.29	0	0	101591. 15	0