

## **Country Data - Namibia**

### **Energy Access**

## Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	25.2	3.67	0
1991	26.27	4.44	0
1992	26.4	4.2	66
1993	28.42	5.99	83.81
1994	29.49	6.76	84.29
1995	30.55	7.52	84.77
1996	31.6	8.26	85.24
1997	32.63	8.99	85.7
1998	33.65	9.7	86.15
1999	34.65	10.38	86.58
2000	36.5	13.2	73.2
2001	36.61	11.72	87.4
2002	37.58	12.37	87.03
2003	38.54	13.03	86.54
2004	39.51	13.7	86.07
2005	40.48	14.38	85.63
2006	41.46	15.08	85.22
2007	43.7	14.6	77.6
2008	43.44	16.55	84.47
2009	44.45	17.32	84.15
2010	45.47	18.1	83.87
2011	46.49	18.89	83.62



2012	47.51	19.69	83.41
2013	47.4	20.5	72.2
2014	49.56	21.29	83.18

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

Year	Access to clean fuels and technologies for cooking (%)
2000	34.5
2001	35.44
2002	36.33
2003	37.19
2004	38.01
2005	38.82
2006	39.61
2007	40.4
2008	41.19
2009	41.98
2010	42.77
2011	43.56
2012	44.34
2013	45.13
2014	45.91

### **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	0	0
1991	3.32	0
1992	3.3	-0.71
1993	3.61	9.38
1994	3.82	5.93
1995	4.03	5.4
1996	4.19	4.11
1997	4.11	-1.92
1998	4.16	1.02
1999	4.01	-3.59
2000	3.68	-8.12
2001	4.31	17.18
2002	3.81	-11.66
2003	3.81	-0.02
2004	3.56	-6.61
2005	3.76	5.71
2006	3.52	-6.44
2007	3.4	-3.48
2008	3.52	3.75
2009	3.58	1.5
2010	3.5	-2.08
2011	3.44	-1.76
2012	3.39	-1.37
2013	3.39	-0.13
2014	3.32	-2.22

Sectors 1990-2014



Year	Industry (MJ/USD PPP 2011)	Agriculture (MJ/USD PPP 2011)	Residential (GJ/Population)	Services (MJ/USD PPP 2011)
1990	0	0	0	0
1991	0.09	0	4.33	0
1992	0.08	0	4.37	0
1993	0.11	0	4.33	0
1994	0.1	0	4.43	0
1995	0.11	0	4.56	0
1996	0.99	4.04	4.59	0.04
1997	0.97	3.83	4.65	0.04
1998	0.85	3.57	4.66	0.04
1999	0.9	3.36	4.47	0.02
2000	1.35	3.12	3.57	0.03
2001	1.72	4.47	3.65	0.03
2002	1.55	3.32	3.66	0.02
2003	0.95	3.53	3.61	0.02
2004	1.14	3.55	2.78	0.02
2005	1.19	3.15	2.81	0.01
2006	1.16	3.97	2.79	0.01
2007	1.04	5.05	2.51	0.01
2008	1.06	5.36	1.72	0.01
2009	1.28	5.48	1.73	0.01
2010	1.22	5.98	1.67	0.01
2011	1.3	5.99	1.83	0.01
2012	1.31	7.23	1.66	0.01
2013	1.31	7.53	1.85	0.01
2014	1.3	8.71	1.8	0.01



### **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	0	0	0	0	0
1991	43.18	19.83	6211.41	5274.1	15114.15
1992	41.45	18.82	6484.35	5392.43	16774.37
1993	39.24	16.88	6619.33	4994.5	17982.03
1994	34.32	13.16	6765.28	4208.06	21001.54
1995	33.7	14.72	6978.27	5411.64	24378.49
1996	33.35	15.05	7207.2	5926.09	26251.36
1997	32.66	14.3	7388.19	5754.42	27103.34
1998	34.18	15.79	7683.11	6593.36	27487.9
1999	35.44	16.86	7829.11	7102.3	27197.14
2000	33.51	16.94	6561.97	6709.15	26327.55
2001	29.3	15.05	6748.95	7132.88	33498.46
2002	33.01	17.04	6991.08	7465.07	29342.05
2003	32.56	17.28	6971.9	7885.11	30769.52
2004	32.11	20.79	5386.99	9894.14	32313.11
2005	32.06	21.06	5522.98	10581.37	34132.27
2006	32.86	21.65	5555.97	10728.24	33269.08
2007	32.77	22.62	5091.86	11351.45	33738.13
2008	27.03	20.35	3509	10707.06	38385.77
2009	27.08	20.36	3712.94	11253.14	40309.39
2010	26.37	20.1	3620.74	11611.81	42523.56
2011	27.94	20.6	4017.9	12701.36	43115.92

2012	28.56	21.08	3682.96	13756.37	43628.16
2013	28.27	19.98	4244.83	14224.38	46856.93
2014	27.62	19.69	4244.83	14619.32	49440.98

### **Renewable Energy Consumption**

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

Year	Electricity (%)	Transport (%)	Heating (%)
2014	99.13	0	20.26

### **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	13374.5 5	0	1172.79	0	71.99	4244.83	0