

Global Tracking Framework (GTF)

Country Data - South Africa

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	56.51	26.44	0
1991	57.94	28.36	0
1992	59.38	30.28	0
1993	60.81	32.19	0
1994	62.24	34.1	0
1995	63.66	36	0
1996	57.6	37.88	0
1997	66.46	39.75	87.92
1998	64.9	37.1	84.2
1999	69.2	43.44	89.12
2000	70.55	45.25	89.72
2001	70.2	47.05	87.4
2002	77.1	48.85	97.64
2003	78.8	57.4	87.7
2004	80.9	52.46	100
2005	80.9	54.28	98.99
2006	80.7	56.13	97.03
2007	82	57.99	97.6
2008	81.9	59.88	95.89
2009	82.7	61.79	95.69
2010	82.9	63.71	94.55
2011	84.7	64.1	91.4

Global Tracking Framework (GTF)

2012	85.3	67.59	95.58
2013	85.4	69.54	94.41
2014	86	71.48	94.06

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	56.15
2001	58.11
2002	60.03
2003	61.9
2004	63.75
2005	65.57
2006	67.39
2007	69.2
2008	71.01
2009	72.81
2010	74.62
2011	76.43
2012	78.23
2013	80.03
2014	81.84

Energy Efficiency

Energy Intensity 1990-2014

Year	National Energy Intensity	Compound annual growth
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Global Tracking Framework (GTF)

	(MJ/USD PPP 2011)	rate of national energy intensity (%)
1990	10.44	0
1991	11.01	5.5
1992	10.5	-4.7
1993	11.11	5.86
1994	11.13	0.2
1995	11.39	2.3
1996	11.16	-2.02
1997	11.17	0.1
1998	11.04	-1.15
1999	10.91	-1.16
2000	10.45	-4.23
2001	10.47	0.15
2002	9.9	-5.39
2003	10.29	3.87
2004	10.74	4.43
2005	10.19	-5.17
2006	9.58	-5.97
2007	9.73	1.63
2008	10.16	4.38
2009	10.12	-0.44
2010	9.67	-4.43
2011	9.33	-3.45
2012	9	-3.54
2013	8.84	-1.86
2014	9.16	3.61

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	7.6	4.94	12.34	0.55
1991	7.47	4.83	12.34	0.57
1992	7.16	6.57	11.76	0.49
1993	6.64	7.03	12.5	0.55
1994	6.67	7.29	12.31	0.52
1995	6.9	9.32	12.1	0.54
1996	7.41	7.68	12.21	0.54
1997	7.65	7.31	12.2	0.58
1998	8.16	7.48	12.03	0.42
1999	7.66	6.67	11.74	0.45
2000	7.32	5.43	11.44	0.42
2001	10.76	5.84	12.41	0.48
2002	10.96	5.69	12.49	0.51
2003	10.39	5.81	13.01	0.56
2004	10.73	5.9	13.48	0.62
2005	10.17	5.72	13.69	0.64
2006	9.52	5.6	14.17	0.66
2007	9.22	4.7	14.99	0.71
2008	9.34	4.29	15.14	0.7
2009	9.73	4.24	14.75	0.68
2010	9.96	4.47	12.26	0.48
2011	9.51	5.37	12.58	0.49
2012	9.43	5.26	13.17	0.52
2013	9.67	5.41	13.14	0.53
2014	9.81	5.96	13.04	0.51

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	16.63	0.16	264970.64	61034.03	1634593.09
1991	17.47	0.31	269969.68	64888.29	1582328.12
1992	18.36	0.11	272938.29	63052.61	1493704.3
1993	18.59	0.02	277968.14	62385.36	1490887.3
1994	18.56	0.16	283952.8	65916.36	1534909.34
1995	18.11	0.07	289951.64	65436.16	1606662.86
1996	17.44	0.19	294891.19	68368.77	1719919.18
1997	17.11	0.29	299581.16	70806.97	1794713.63
1998	17.27	0.22	304995.23	69483.75	1793587.1
1999	18.22	0.1	312451.59	68881.3	1711451.28
2000	18.51	0.16	320288.65	70506.93	1720690.81
2001	19.12	0.3	326920.71	74855.36	1699404.93
2002	18.36	0.34	331531.72	77812.16	1820761.26
2003	17.54	0.12	335755.99	73808.87	1926099.93
2004	16.79	0.14	340141.07	75452.94	2060164.08
2005	16.27	0.18	344655.07	77611.97	2173378.39
2006	16.39	0.34	349342.87	83058.61	2205701.46
2007	15.83	0.12	354172.63	78373.39	2300266.09
2008	16	0.2	359176.19	81651.59	2314400.71
2009	15.58	0.23	364371.51	83710.74	2427940.57
2010	17.09	0.33	369722.78	87170.5	2216317.68
2011	16.86	0.33	375266.82	88508.56	2286173.27

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2012	16.64	0.24	380991.85	87563.12	2346997.82
2013	16.12	0.27	386916.63	89824.98	2481327.92
2014	16.59	0.45	393066.2	96539.72	2462111.44

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	1.39	0	32.2

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	2786.42	0	83249.47	0	7441.28	393066.2	3057.98