

## Global Tracking Framework (GTF)

### Country Data - Sudan

#### Energy Access

##### Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	32.8	13.2	66.1
1991	31.47	12.33	76.48
1992	31.86	12.98	73.68
1993	32.24	13.62	71.57
1994	32.61	14.25	71.3
1995	32.98	14.87	71.03
1996	33.33	15.49	70.76
1997	33.67	16.08	70.48
1998	34	16.66	70.19
1999	34.3	17.21	69.89
2000	34.6	17.75	69.59
2001	34.88	18.28	69.27
2002	35.15	18.81	68.94
2003	35.42	19.33	68.6
2004	35.69	19.87	68.25
2005	35.97	20.42	67.89
2006	36.25	20.99	67.51
2007	36.55	21.58	67.12
2008	36.85	22.19	66.73
2009	29	15	58
2010	37.49	23.48	65.84
2011	37.82	24.14	65.35

## Global Tracking Framework (GTF)

2012	38.15	24.81	64.85
2013	38.48	25.48	64.34
2014	44.9	31.7	76.3

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

Year	Access to clean fuels and technologies for cooking (%)
2000	6.21
2001	7.52
2002	8.79
2003	10.02
2004	11.22
2005	12.4
2006	13.57
2007	14.74
2008	15.9
2009	17.06
2010	18.22
2011	19.38
2012	20.54
2013	21.69
2014	22.85

## 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	9.85	0
1991	9.14	-7.17
1992	8.57	-6.24
1993	7.96	-7.13
1994	9.14	14.76
1995	8.65	-5.3
1996	8.37	-3.29
1997	7.73	-7.6
1998	7.5	-3.05
1999	8.07	7.69
2000	7.18	-11.11
2001	7.06	-1.64
2002	7.2	2
2003	6.5	-9.77
2004	6.25	-3.77
2005	5.92	-5.23
2006	5.78	-2.41
2007	5.01	-13.29
2008	4.73	-5.74
2009	4.73	0.19
2010	4.68	-1.25
2011	4.75	1.69
2012	4.18	-12.08
2013	4.13	-1.11
2014	4.11	-0.63

### 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	0	0	6.93	0
1991	0	0	6.74	0
1992	0	0	6.53	0
1993	0	0	6.32	0
1994	0	0	6.82	0
1995	0	0	6.67	0
1996	0	0	6.61	0
1997	0	0	6.53	0
1998	0	0	6.47	0
1999	0	0	6.61	0
2000	0	0	6.41	0
2001	0	0	6.49	0
2002	0	0	6.68	0
2003	0	0	6.61	0
2004	0	0	6.44	0
2005	0	0	6.41	0
2006	0	0	6.36	0
2007	0	0	5.78	0
2008	1.64	0.14	5.61	1.45
2009	1.83	0.09	5.69	1.4
2010	1.93	0.07	5.69	1.38
2011	1.71	0.06	5.75	1.37
2012	1.4	0.05	4.65	1.28
2013	1.33	0.06	4.62	1.23
2014	1.27	0.06	4.69	1.24

## 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	73.27	1.15	133877.74	48788.5	66650.79
1991	76.17	1.15	135753.31	49361.08	57929.06
1992	77.4	1.26	137634.85	50265.56	54878.8
1993	85.63	1.31	139525.4	50771.97	31939.57
1994	79.49	1.07	157065.37	56754.68	55177.08
1995	81.47	0.95	159059.97	56395.67	48999.86
1996	83.61	0.96	161652.6	67059.53	44832.54
1997	80.54	0.82	164245.23	69302.34	56428.81
1998	81.9	0.88	166837.87	72055.03	52791.67
1999	80.85	1.21	173660.68	71255.59	58019.27
2000	80.42	1.16	175461.5	71439.25	60105.15
2001	79.38	0.93	180353.82	73211.88	65857.41
2002	76.76	0.99	188191.43	71005.03	78485.55
2003	76.98	0.88	190394.65	74295.34	79130.74
2004	75.38	0.8	192597.82	77730.82	88276.63
2005	72.43	0.94	194801	82059.89	105368.37
2006	69.35	0.89	196942.93	97813.39	130264.81
2007	65.72	0.96	181674.5	90752.57	142069.39
2008	63.66	0.97	179707.46	89916.99	153928.94
2009	63.28	2.03	184842.99	97322.16	163727.25
2010	61.44	3.75	187173.07	106709.63	184428.38
2011	63.97	3.97	189598.07	107583.34	167371.69

## Global Tracking Framework (GTF)

2012	59.82	4.66	150773.28	96142.76	165865.8
2013	61.31	5.51	153965.76	101906.24	161475.13
2014	62.42	6.44	157313.48	108350.05	159964.96

### Renewable Energy Consumption

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

Year	Electricity (%)	Transport (%)	Heating (%)
2014	78.35	0	84.62

#### 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	27392.6	0	80957.18	0	0	157313.48	0