

Global Tracking Framework (GTF)

Country Data - Chad

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	0	0	0
1991	0.03	0	0
1992	0.11	0	0
1993	0.3	0	0
1994	0.58	0	0
1995	1.01	0	0
1996	1.43	0.01	0
1997	2.3	0.1	9.4
1998	2.22	0.07	10.02
1999	2.58	0.18	11.32
2000	2.94	0.35	12.31
2001	3.28	0.56	13.1
2002	3.62	0.79	13.82
2003	3.95	1.02	14.51
2004	3.5	0.3	16.4
2005	4.62	1.5	15.82
2006	4.97	1.77	16.42
2007	5.32	2.06	16.98
2008	5.69	2.37	17.51
2009	6.07	2.71	18.02
2010	6.4	3.1	18.3
2011	6.84	3.42	18.93

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2012	7.23	3.78	19.35
2013	7.62	4.16	19.76
2014	8.02	4.53	20.15

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	2
2001	2.02
2002	2.06
2003	2.16
2004	2.28
2005	2.42
2006	2.56
2007	2.69
2008	2.82
2009	2.95
2010	3.07
2011	3.2
2012	3.32
2013	3.44
2014	3.56

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	6.78	0
1991	6.19	-8.8
1992	5.92	-4.32
1993	7.31	23.44
1994	6.79	-7.02
1995	6.85	0.78
1996	6.88	0.45
1997	6.7	-2.61
1998	6.43	-4.05
1999	6.65	3.52
2000	6.89	3.63
2001	6.28	-8.86
2002	5.89	-6.19
2003	5.49	-6.85
2004	4.18	-23.93
2005	3.65	-12.71
2006	3.68	0.98
2007	3.66	-0.54
2008	3.64	-0.46
2009	3.54	-2.92
2010	3.18	-10.22
2011	3.23	1.63
2012	3.01	-6.64
2013	2.93	-2.93
2014	2.79	-4.73

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	0	0	6.11	0
1991	0	0	5.99	0
1992	0	0	5.96	0
1993	0	0	5.98	0
1994	0	0	5.92	0
1995	0	0	5.83	0
1996	0	0	5.76	0
1997	0	0	5.69	0
1998	0	0	5.65	0
1999	0	0	5.6	0
2000	0	0	5.53	0
2001	0	0	5.42	0
2002	0	0	5.32	0
2003	0	0	5.21	0
2004	0	0	5.11	0
2005	0	0	5.02	0
2006	0	0	4.93	0
2007	2.39	0	4.84	0
2008	2.51	0	4.76	0
2009	2.03	0	4.69	0
2010	1.83	0	4.61	0
2011	1.68	0	4.52	0
2012	1.6	0	4.43	0
2013	1.55	0	4.35	0
2014	1.51	0	4.27	0

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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	98.16	0	36345.09	633.21	691.8
1991	98.3	0	36767.38	756.77	647.5
1992	98.23	0	37773.62	756.77	695
1993	98.17	0	39137.22	810.82	743.1
1994	98.12	0	39987.78	803.1	780
1995	98.14	0	40745.29	756.77	787.2
1996	98.09	0	41662.27	756.77	826.6
1997	97.92	0	42584.52	849.43	920.9
1998	97.6	0	43712.1	772.21	1093.3
1999	97.3	0	44787.51	787.65	1264.5
2000	97.16	0	45890.65	787.65	1362.6
2001	97.26	0	46733.97	787.65	1336.5
2002	97.26	0	47594.1	787.65	1361.7
2003	91.97	0	48471.24	833.99	4307.2
2004	92.12	0	49365.95	756.77	4286.14
2005	91.73	0	50284.36	880.32	4614.46
2006	91.81	0	51080.43	880.32	4635.26
2007	90.71	0	51882.33	880.32	5400.93
2008	90.07	0	52701.55	911.21	5911.71
2009	91.05	0	53547.89	931.29	5352.45
2010	90.79	0	54397.17	871.83	5607.75
2011	90.6	0	55178.99	746.73	5804.24

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2012	90.65	0	55966.71	805.57	5855.36
2013	89.46	0	56775.27	769.92	6781.82
2014	89.24	0	57593.16	828.58	7044.08

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	0	0	91.32

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	0	0	828.58	0	0	57593.16	0