

Global Tracking Framework (GTF)

Country Data - Tonga

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	77.78	88.81	0
1991	78.57	88.97	0
1992	79.36	89.12	0
1993	80.15	89.27	0
1994	80	89.41	0
1995	81.7	89.55	55.22
1996	82.46	89.67	58.18
1997	83.21	89.77	61.13
1998	83.94	89.86	64.07
1999	84.65	89.92	66.99
2000	85.35	89.97	69.89
2001	86.04	90.01	72.77
2002	86.72	90.04	75.63
2003	87.39	90.08	78.45
2004	88.07	90.12	81.25
2005	88.75	90.18	84.02
2006	92.3	90.7	97.71
2007	90.15	90.36	89.43
2008	90.86	90.48	92.08
2009	91.58	90.63	94.7
2010	92.31	90.79	97.28
2011	92.18	90.6	97.32

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2012	92.8	91.3	97.7
2013	94.51	91.31	100
2014	95.25	91.49	100

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	50.44
2001	51.49
2002	52.5
2003	53.47
2004	54.41
2005	55.33
2006	56.24
2007	57.15
2008	58.06
2009	58.96
2010	59.87
2011	60.77
2012	61.67
2013	62.58
2014	63.48

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	3.26	0
1991	3.8	16.44
1992	2.98	-21.46
1993	3.22	7.82
1994	3.27	1.54
1995	3.38	3.55
1996	2.79	-17.54
1997	3.41	22.38
1998	3.15	-7.58
1999	3.63	14.92
2000	3.25	-10.48
2001	2.89	-10.98
2002	2.96	2.28
2003	3.56	20.58
2004	3.35	-5.95
2005	3.29	-1.75
2006	3.81	15.77
2007	3.57	-6.47
2008	3.7	3.65
2009	3.95	6.98
2010	3.24	-18.04
2011	2.92	-9.76
2012	2.94	0.41
2013	3.14	7.05
2014	3.07	-2.26

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	0.15	0
1991	0	0	1.56	0
1992	0	0	1.48	0
1993	0	0	1.43	0
1994	0	0	1.02	0
1995	0	0	1.57	0
1996	0	0	1.58	0
1997	0	0	1.52	0
1998	0	0	3.02	0
1999	0	0	2.78	0
2000	0	0	2.46	0
2001	0	0	1.44	0
2002	0	0	1.42	0
2003	0	0	1.77	0
2004	0	0	2.16	0
2005	0	0	0.99	0
2006	0	0	1.64	0
2007	0	0	1.26	0
2008	0	0	1.59	0
2009	0	0	2.88	0.23
2010	0	0	2.13	0.22
2011	0	0	1.6	0.22
2012	0	0	1.41	0.22
2013	0	0	1.42	0.23
2014	0	0	1.5	0.23

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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	1.49	0	14.28	0	946.3
1991	1.25	0	14.22	0	1126.49
1992	1.57	0	14.22	0	892.14
1993	1.43	0	13.97	0	966.22
1994	1.23	0	13.99	0	1126.04
1995	1.16	0	13.9	0	1182.29
1996	1.46	0	14	0	943.53
1997	1.26	0	14.28	0	1115.32
1998	1.24	0	14.07	0	1125.01
1999	1.03	0	14.02	0	1344.84
2000	2.48	0	29.47	0	1160.25
2001	2.7	0	29.37	0	1058.52
2002	2.48	0	29.28	0	1152.55
2003	2.01	0	29.19	0	1421.01
2004	2.15	0	29.11	0	1325.78
2005	2.17	0	29.02	0	1308.02
2006	1.87	0	29.3	0	1540.11
2007	2.17	0	29.22	0	1316.84
2008	1.99	0	28.66	0	1412.77
2009	1.82	0	28.66	0	1548.43
2010	1.01	0	13.21	0	1297.13
2011	1.14	0	13.28	0	1152.4

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2012	1.13	0	13.51	0	1187.44
2013	1.55	0.5	13.45	6.42	1264.2
2014	1.63	0.6	13.37	7.88	1283.14

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	4.58	0	2.28

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	0	0	7.88	13.37	0