

## Global Tracking Framework (GTF)

### Country Data - Cuba

#### Energy Access

##### Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	92.07	80.69	0
1991	92.59	81.45	0
1992	93.11	82.22	0
1993	93.63	82.98	0
1994	94.14	83.73	0
1995	94.65	84.47	0
1996	95.14	85.2	0
1997	95.62	85.92	0
1998	96.09	86.62	0
1999	96.54	87.29	0
2000	97	87.9	100
2001	97.39	88.6	100
2002	97.8	89.24	100
2003	98.21	89.89	100
2004	98.63	90.54	100
2005	99.04	91.21	100
2006	99.43	91.9	100
2007	99.73	92.61	100
2008	99.91	93.34	100
2009	99.98	94.1	100
2010	100	94.86	100
2011	100	95.64	100

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2012	100	96.43	100
2013	100	97.22	100
2014	100	98.01	100

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

Year	Access to clean fuels and technologies for cooking (%)
2000	68.84
2001	70.28
2002	71.66
2003	73.01
2004	74.33
2005	75.63
2006	76.92
2007	78.21
2008	79.5
2009	80.79
2010	82.07
2011	83.36
2012	84.64
2013	85.92
2014	87.21

## Energy Efficiency

### Energy Intensity 1990-2014

Year	National Energy Intensity	Compound annual growth
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	<b>(MJ/USD PPP 2011)</b>	<b>rate of national energy intensity (%)</b>
1990	5.03	0
1991	4.66	-7.35
1992	4.62	-0.91
1993	4.53	-1.88
1994	4.64	2.32
1995	4.52	-2.42
1996	4.58	1.26
1997	4.58	-0.04
1998	4.29	-6.4
1999	4.2	-2.03
2000	4.25	1.19
2001	4.02	-5.31
2002	3.7	-8.13
2003	3.54	-4.13
2004	3.27	-7.59
2005	2.79	-14.92
2006	2.48	-10.91
2007	2.2	-11.25
2008	2.25	1.98
2009	2.35	4.49
2010	2.48	5.62
2011	2.27	-8.54
2012	2.27	0.31
2013	2.13	-6.35
2014	2.13	0.1

**Sectors 1990-2014**

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<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	9.94	0	9.47	0.16
1991	9.36	0	9.31	0.15
1992	11.34	0	7.34	0.15
1993	11.03	0	5.86	0.17
1994	10.72	0	5.77	0.17
1995	9.4	0	5.92	0.19
1996	9.4	0	5.84	0.2
1997	9.82	0	5.88	0.21
1998	10.4	0	5.77	0.2
1999	10.11	0	5.88	0.22
2000	9.28	0	6.22	0.23
2001	9.67	0	6.02	0.23
2002	6.92	0	5.7	0.23
2003	5.66	0	6.02	0.23
2004	5.39	0	6.65	0.2
2005	5.18	0	6.11	0.15
2006	5.13	0	4.45	0.13
2007	5.09	0	3.88	0.12
2008	4.33	0	3.84	0.13
2009	5.69	0	3.82	0.12
2010	5.71	0	3.88	0.09
2011	5.23	0	3.99	0.09
2012	5.26	0	4.04	0.09
2013	4.74	0	4.19	0.09
2014	5.11	0	4.25	0.1

## 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	42.89	9.45	2303.83	241452.72	324570.23
1991	47.17	11.82	2400.5	213801.61	242103.94
1992	51.31	10.9	2294.74	200497.91	192432.81
1993	46.87	10.96	2076.95	145543.96	167351.22
1994	45.78	10.72	1687.78	144694.97	173390.71
1995	41.25	11.61	1761.81	127950.03	184705.75
1996	41.43	10.19	1997.98	143705.74	205990.62
1997	36.82	9.75	1946.78	139825.17	243288.46
1998	34.82	10.17	2123.13	126886.71	241465.82
1999	33.72	9.22	1989.23	130992.04	261398.67
2000	34.43	9.13	2094.15	135307.2	261663.78
2001	34.05	8.57	1986.47	136365.4	267960.24
2002	34.81	10.28	1836.33	110500.24	210369.33
2003	33.57	11.54	642.38	97504.17	194203.46
2004	33.78	11.3	669.64	97281.88	192054.51
2005	26.32	11.01	672.61	72997.42	206248.7
2006	21.97	7.76	623.41	60182.69	215987.22
2007	18.59	4.33	969.16	50200.65	224032.02
2008	18.73	4.45	567.19	47563.61	208815.68
2009	16.12	3.45	559.94	48320.23	254267.51
2010	13.16	3.3	480.73	40700.22	271800.52
2011	16.68	3.78	436.26	48958.24	246731.83

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2012	17.1	3.46	305.34	51482.86	251025.2
2013	16.89	3.42	565.18	48571.13	241818.28
2014	18.75	3.3	576.4	55547.16	243226.49

### Renewable Energy Consumption

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

Year	Electricity (%)	Transport (%)	Heating (%)
2014	4.02	0	23.93

#### 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	297.55	9463.05	45680.67	0	57.18	576.4	48.79