

Global Tracking Framework (GTF)

Country Data - Japan

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	100	100	100
1991	100	100	100
1992	100	100	100
1993	100	100	100
1994	100	100	100
1995	100	100	100
1996	100	100	100
1997	100	100	100
1998	100	100	100
1999	100	100	100
2000	100	100	100
2001	100	100	100
2002	100	100	100
2003	100	100	100
2004	100	100	100
2005	100	100	100
2006	100	100	100
2007	100	100	100
2008	100	100	100
2009	100	100	100
2010	100	100	100
2011	100	100	100

Global Tracking Framework (GTF)

2012	100	100	100
2013	100	100	100
2014	100	100	100

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	100
2001	100
2002	100
2003	100
2004	100
2005	100
2006	100
2007	100
2008	100
2009	100
2010	100
2011	100
2012	100
2013	100
2014	100

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	5.03	0
1991	4.92	-2.26
1992	4.99	1.51
1993	5.02	0.48
1994	5.24	4.54
1995	5.28	0.64
1996	5.25	-0.5
1997	5.22	-0.53
1998	5.23	0.16
1999	5.33	1.79
2000	5.31	-0.27
2001	5.21	-1.96
2002	5.18	-0.46
2003	5.06	-2.4
2004	5.1	0.82
2005	5.02	-1.65
2006	4.92	-1.82
2007	4.78	-3.03
2008	4.64	-2.78
2009	4.68	0.9
2010	4.74	1.09
2011	4.4	-7
2012	4.23	-3.87
2013	4.21	-0.64
2014	4.09	-2.81

Sectors 1990-2014

Global Tracking Framework (GTF)

Year	Industry (MJ/USD PPP 2011)	Agriculture (MJ/USD PPP 2011)	Residential (GJ/Population)	Services (MJ/USD PPP 2011)
1990	4.55	1.43	13.08	0.7
1991	4.32	1.52	13.34	0.69
1992	4.31	1.35	13.88	0.71
1993	4.35	1.35	14.56	0.74
1994	4.69	1.08	14.59	0.74
1995	4.73	1.09	15.35	0.78
1996	4.64	0.97	15.38	0.78
1997	4.5	0.93	15.3	0.8
1998	4.35	0.9	15.4	0.89
1999	4.44	0.87	15.79	0.92
2000	4.43	0.8	16.24	0.86
2001	4.45	0.86	15.77	0.87
2002	4.63	0.88	16.28	0.88
2003	4.48	0.94	15.77	0.86
2004	4.4	0.91	15.98	0.88
2005	4.4	0.89	16.61	0.86
2006	4.45	0.86	16.03	0.83
2007	4.33	0.75	16.25	0.82
2008	4.02	0.68	15.66	0.79
2009	4.36	0.91	15.5	0.84
2010	4.16	0.88	16.38	0.82
2011	4.23	0.93	15.71	0.78
2012	4.15	0.96	15.61	0.76
2013	4.01	0.88	15.28	0.83
2014	3.93	0.91	14.68	0.8

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	4.55	3.24	0	482598.12	10122405.84
1991	4.73	3.43	0	508229.1	10235279.27
1992	4.2	2.95	0	455404.27	10393457.81
1993	4.44	3.27	0	487402.7	10501008.4
1994	3.57	2.43	0	401509.78	10852684.86
1995	3.92	2.78	0	456078.81	11186934.98
1996	3.84	2.72	0	453635.77	11361770.57
1997	4.07	2.92	0	480176.81	11311615.09
1998	4.05	2.99	0	470080.6	11150172.21
1999	3.83	2.74	0	456401.4	11463860.82
2000	3.92	2.77	0	470295.8	11538969.47
2001	3.74	2.69	0	446093.31	11491821.56
2002	3.7	2.62	0	446557.48	11637671.48
2003	4.08	2.97	0	484105.15	11384054.49
2004	4.01	2.94	0	481040.48	11503751.85
2005	3.65	2.5	0	439186.2	11578583.88
2006	4.03	2.84	0	484619.74	11542581.65
2007	3.75	2.5	0	446223.03	11444394.89
2008	3.98	2.73	0	444975.39	10724458.9
2009	4.04	2.85	0	438933.68	10437570.78
2010	4.59	2.95	0	516991.22	10752706.05
2011	4.7	3.08	0	520718.57	10568167.35

Global Tracking Framework (GTF)

2012	4.54	2.94	0	500637.47	10537550.7
2013	4.91	3.22	0	545628.54	10556033.52
2014	5.53	3.75	0	600833.87	10270088.58

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	14.03	0	2.7

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	15762.84	270620.74	0	193328.48	7990.13	96468.57	0	16665.12