

Global Tracking Framework (GTF)

Country Data - Vietnam

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	73.86	68.99	0
1991	75.11	70.43	0
1992	76.37	71.87	0
1993	77.62	73.31	0
1994	78.87	74.74	0
1995	80.11	76.16	0
1996	81.33	77.57	0
1997	78.4	73.7	98.6
1998	83.75	80.33	94.95
1999	84.93	81.68	95.31
2000	86.09	83.02	95.64
2001	87.25	84.34	96
2002	89.1	86.6	99.4
2003	89.54	86.98	96.77
2004	90.68	88.31	97.19
2005	96.1	95.2	99.6
2006	96	94.9	99.1
2007	94.16	92.41	98.53
2008	95.34	93.82	99.02
2009	96.1	94.6	99.6
2010	97.72	96.7	100
2011	99	97.75	100

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2012	100	99.62	100
2013	100	100	100
2014	99.2	98.9	99.9

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	23.57
2001	25.65
2002	27.68
2003	29.67
2004	31.63
2005	33.58
2006	35.51
2007	37.44
2008	39.36
2009	41.29
2010	43.21
2011	45.14
2012	47.06
2013	48.98
2014	50.9

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	7.55	0
1991	7.22	-4.34
1992	6.94	-3.93
1993	6.96	0.4
1994	6.4	-8.06
1995	6.23	-2.65
1996	6.02	-3.41
1997	6	-0.36
1998	6.04	0.76
1999	5.94	-1.78
2000	5.85	-1.48
2001	5.87	0.43
2002	6.03	2.64
2003	5.92	-1.78
2004	6.11	3.21
2005	6.02	-1.57
2006	5.76	-4.21
2007	5.79	0.44
2008	5.86	1.2
2009	6.06	3.52
2010	6.32	4.32
2011	5.97	-5.64
2012	5.74	-3.74
2013	5.62	-2.18
2014	5.72	1.89

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	7.8	0.26	6.04	0.33
1991	7.6	0.25	6.12	0.32
1992	7.02	0.25	6.16	0.29
1993	6.61	0.34	6.38	0.36
1994	5.74	0.35	6	0.39
1995	5.86	0.32	5.97	0.43
1996	5.35	0.33	5.98	0.52
1997	5.27	0.34	6.14	0.44
1998	5.09	0.33	6.31	0.49
1999	4.84	0.31	6.4	0.5
2000	4.63	0.29	6.52	0.54
2001	4.64	0.28	6.66	0.59
2002	4.7	0.29	6.73	0.58
2003	4.45	0.36	7.1	0.49
2004	4.54	0.33	7.13	0.59
2005	4.46	0.33	7.26	0.56
2006	4.33	0.31	7.23	0.51
2007	4.38	0.3	7.29	0.49
2008	4.93	0.31	7.4	0.46
2009	5.04	0.31	7.56	0.44
2010	5.96	0.28	7.73	0.52
2011	5.79	0.28	7.78	0.52
2012	5.54	0.27	7.88	0.47
2013	5.55	0.26	8.05	0.49
2014	5.6	0.28	8.27	0.52

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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	76.08	2.05	378751.83	131808.02	160508.46
1991	75.64	2.35	385952.71	136554.43	168297.74
1992	74.7	2.59	393818.4	141340.27	181232.99
1993	70.81	2.65	413590.07	149785.3	232210
1994	67.99	3.2	388223.17	146597.43	251842.16
1995	65.13	3.53	386844.12	150959.56	287988.61
1996	62.87	3.94	387375.55	156528.91	321276.12
1997	60.79	3.65	399722.21	159767.26	360838.97
1998	59.5	3.38	411997.7	162639.37	391150.21
1999	59.57	4.12	420938.36	173521.32	403508.44
2000	57.96	4.23	427154.79	178499.29	439231.06
2001	56.36	4.97	432616.39	192326.16	483942.39
2002	52.41	4.62	432227.31	192213.12	566936.66
2003	51.02	4.59	463778.03	182566.15	620404.86
2004	45.99	3.97	454255.53	183378.23	748842.44
2005	44.36	3.73	459679.32	178181.46	800156.51
2006	44.46	4.49	452601.54	195444.28	809510.44
2007	42.1	4.86	456652.6	200642.43	903894.99
2008	39.46	5.12	461025.59	205705.93	1022950.47
2009	37.17	5.46	465787.49	213729.58	1148772.83
2010	34.8	4.73	470387.44	199497.26	1255298.22
2011	36.52	6.82	475292.32	243938.32	1250033.96

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2012	38.11	8.54	480333.18	281451.65	1237273.45
2013	37.38	8.43	485389.08	286001.36	1292167.73
2014	36.2	8.88	490480.73	309221.2	1409412.98

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	41.65	0	46.66

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	195804.9	0	113124.57	0	0	490480.73	291.6