

Global Tracking Framework (GTF)

Country Data - Macedonia (Former Yugoslavia Rep. of)

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	89.84	88.97	100
1991	90.47	89.6	100
1992	91.1	90.22	100
1993	91.73	90.85	100
1994	92.35	91.46	100
1995	92.97	92.07	100
1996	93.57	92.67	100
1997	94.16	93.25	100
1998	94.74	93.8	100
1999	95.29	94.34	100
2000	95.84	94.87	100
2001	96.37	95.38	100
2002	96.89	95.89	100
2003	97.41	96.39	100
2004	97.93	96.91	100
2005	98.46	97.44	100
2006	99	98	98
2007	99.44	98.58	100
2008	99.77	99.13	100
2009	99.94	99.57	100
2010	99.99	99.85	100
2011	100	99.97	100

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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	60.15
2001	60.37
2002	60.54
2003	60.68
2004	60.78
2005	60.87
2006	60.94
2007	61.01
2008	61.08
2009	61.16
2010	61.22
2011	61.29
2012	61.36
2013	61.43
2014	61.5

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	5.4	0
1991	5.64	4.44
1992	6.71	19.08
1993	7.45	10.95
1994	6.76	-9.2
1995	6.91	2.2
1996	8.07	16.81
1997	7.24	-10.35
1998	7.53	4.02
1999	6.77	-10.1
2000	6.37	-5.85
2001	6.35	-0.36
2002	6.14	-3.36
2003	6.62	7.98
2004	6.23	-5.95
2005	6.07	-2.62
2006	6.04	-0.41
2007	5.85	-3.11
2008	5.54	-5.34
2009	5.18	-6.46
2010	5.13	-1.04
2011	5.43	5.92
2012	5.18	-4.69
2013	4.59	-11.4
2014	4.3	-6.2

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	8.26	1.68	6.29	0.18
1991	8.76	1.1	6.48	0.24
1992	10.09	1.12	10.67	0.24
1993	11.36	1.24	8.95	0.27
1994	10.1	2.78	10.35	0.18
1995	10.22	2.9	9.52	0.31
1996	11.81	2.19	10.1	0.34
1997	9.07	1.56	9.88	0.39
1998	10.94	1.26	9.04	0.71
1999	8.34	0.94	9.47	1.04
2000	8.37	1.09	9.99	0.63
2001	7.6	1.24	9.12	0.53
2002	7.01	0.61	9.27	0.85
2003	7.39	0.5	10.15	1.17
2004	6.62	1.09	10.06	1.02
2005	7.15	0.65	9.97	1.04
2006	7.02	0.54	10.29	0.94
2007	8.69	0.33	9.76	0.83
2008	7.69	0.32	10.34	0.76
2009	5.21	0.3	10.99	0.9
2010	5.99	0.43	10.89	0.82
2011	5.8	0.49	10.99	0.74
2012	5.61	0.41	10.58	0.82
2013	4.9	0.42	8.92	0.71
2014	4.01	0.4	9.14	0.65

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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	2.41	2.41	0	1440.62	58331.35
1991	4.42	4.42	0	2495.07	53892.75
1992	16.01	4.03	7842.5	2640.03	55000.57
1993	14.85	3.23	8086.43	2243.58	59236.27
1994	16.58	4.01	7812.49	2489.52	51823.95
1995	17.8	4.8	7812.49	2887.01	49403.86
1996	14.21	3.79	7812.49	2838.75	64320.79
1997	15.9	4.44	7812.49	3031.02	57349.42
1998	15.07	5.6	6107.83	3940.09	56620.97
1999	17.68	6.52	6409.78	5345.01	54743.57
2000	19.38	5.9	7615.54	4988.63	52445.35
2001	15.17	4.6	5924.87	2874.67	49211.72
2002	14.63	4.56	5861.85	2950.87	51414.72
2003	17.29	6.9	6525.76	5232.48	56239.58
2004	18.2	7.59	6508.76	5634.31	54568.95
2005	16.61	7.43	5868.89	5739.32	58277.1
2006	17.87	8.21	6274.8	6460.36	58549.09
2007	13.4	5.57	5311.96	4675.38	64525.64
2008	14.67	5	6533.75	4270.33	62855.84
2009	18.4	6.81	7300.61	5460.18	56599.75
2010	22.59	11.5	7482.57	9443.06	57987.74
2011	17.86	7.74	7179.61	6884.95	64683.16

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2012	16.88	6.06	7476.58	5335.83	63092.31
2013	17.98	9.28	5728.88	7378.1	59807.06
2014	18.3	8.5	6306.79	6904.78	58975.69

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	24.04	0	28.78

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	307.95	5441.76	0	771.82	0	63.09	6306.79	320.08