

Global Tracking Framework (GTF)

Country Data - Malaysia

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	93.45	88.75	0
1991	93.8	89.28	0
1992	94.16	89.8	0
1993	94.51	90.33	0
1994	94.86	90.84	0
1995	95.2	91.35	0
1996	95.53	91.84	0
1997	95.84	92.32	0
1998	96.14	92.77	0
1999	96.42	93.21	0
2000	96.69	93.63	0
2001	96.94	94.04	0
2002	97.19	94.45	0
2003	97.43	94.85	0
2004	97.68	95.27	0
2005	97.93	95.7	0
2006	98.19	96.15	0
2007	98.46	96.62	0
2008	98.74	97.12	0
2009	99.3	98	99.9
2010	99.32	98.17	99.78
2011	99.59	98.71	99.94

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2012	99.8	99.3	99.9
2013	99.94	99.64	100
2014	100	100	100

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	93.41
2001	94.23
2002	94.98
2003	95.71
2004	96.42
2005	97.11
2006	97.79
2007	98.45
2008	99.06
2009	99.54
2010	99.83
2011	99.96
2012	99.99
2013	99.99
2014	99.99

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	4.8	0
1991	5.41	12.63
1992	5.48	1.26
1993	5.39	-1.6
1994	4.91	-8.91
1995	4.84	-1.49
1996	4.87	0.59
1997	5.28	8.44
1998	5.41	2.61
1999	5.17	-4.56
2000	5.41	4.76
2001	5.6	3.53
2002	5.5	-1.92
2003	5.57	1.28
2004	5.61	0.71
2005	5.77	2.98
2006	5.5	-4.77
2007	5.66	3.02
2008	5.65	-0.28
2009	5.45	-3.52
2010	5.18	-4.97
2011	5.13	-0.97
2012	4.95	-3.52
2013	5.33	7.7
2014	5.13	-3.62

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	3.05	0	4.21	0.72
1991	3.79	0.13	4.18	0.66
1992	3.69	0.37	4.19	0.64
1993	3.82	0.06	4.24	0.6
1994	3.71	0.41	4.37	0.6
1995	3.39	0.45	4.51	0.62
1996	3.41	0.47	4.78	0.75
1997	3.63	0.47	4.77	0.62
1998	3.91	0.3	4.85	0.73
1999	3.94	0.1	4.98	0.77
2000	3.9	0.1	4.72	0.83
2001	4	0.09	4.75	0.83
2002	3.76	0.08	4.88	0.84
2003	4.02	0.08	4.81	0.8
2004	4.26	0.07	4.98	0.81
2005	4.39	0.08	5.09	0.81
2006	4.56	0.17	5.28	0.79
2007	4.93	0.19	5.26	0.8
2008	5.42	0.23	5.56	0.68
2009	4.12	0.15	5.24	0.72
2010	3.43	0.7	5.3	0.76
2011	4.06	0.59	5.37	0.7
2012	3.77	0.66	5.37	0.65
2013	3.59	0.65	5.5	0.64
2014	3.61	0.63	5.4	0.62

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	11.98	2.27	41987.95	23581.38	481729.2
1991	11.15	2.25	41523.97	24814.4	528441.33
1992	10.27	2.11	41632.66	25541.8	587150.87
1993	10.03	2.11	41984.1	26413.42	613814.03
1994	9.93	2.72	41932.02	32808.14	678238.99
1995	9.03	2.36	41920.67	31974.09	744465.38
1996	7.47	1.68	42064.7	28905.75	878710.47
1997	6.71	1.22	41929.76	25558.08	938954.07
1998	7.17	1.55	41787.66	28929.91	915877.66
1999	7.34	2.17	41567.72	37181.81	993735.67
2000	6.74	1.92	41289.76	36398.91	1074363.48
2001	6.48	1.91	41112.99	37788.5	1138998.1
2002	5.72	1.38	40891.26	32535.59	1211024.86
2003	5.41	1.27	40603.63	32127.59	1270770.2
2004	5.17	1.35	40291	35081.46	1382779.61
2005	4.92	1.22	39963.38	33907.85	1426196.87
2006	4.99	1.42	39590.88	38023.86	1476420.75
2007	4.56	1.32	39203.35	38908.47	1635728.5
2008	4.73	1.56	38798.87	43761.24	1663216
2009	4.23	1.47	38377.38	26146.21	1460812.06
2010	3.82	1.29	37908	24103.27	1561727.49
2011	4.11	1.56	37421.62	28035.04	1528030.13

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2012	4.41	2.05	36938.25	36892.81	1600224.95
2013	4.49	2.33	36457.86	47210.13	1781298.61
2014	4.77	2.84	35981.48	58028.04	1876933.48

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	9.71	1.25	6.43

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	43356.8	11666.01	2101.08	167.53	735.16	35981.48	0