

## Global Tracking Framework (GTF)

### Country Data - Papua New Guinea

#### Energy Access

##### Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	6.17	0	0
1991	6.81	0.21	0
1992	7.46	0.53	0
1993	8.11	0.97	0
1994	8.75	1.53	0
1995	9.38	2.08	0
1996	11	2.9	63.1
1997	10.61	3.13	57.6
1998	11.2	3.63	59.47
1999	11.77	4.11	61.38
2000	12.33	4.57	63.31
2001	12.88	5.03	64.58
2002	13.42	5.47	65.8
2003	13.95	5.92	66.99
2004	14.49	6.38	68.14
2005	15.03	6.85	69.23
2006	12.4	6.5	61.3
2007	16.14	7.86	71.19
2008	16.71	8.4	72.07
2009	17.29	8.96	72.89
2010	19.5	9	71.2
2011	18.47	10.11	74.41

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2012	19.07	10.7	75.13
2013	19.67	11.3	75.78
2014	20.26	11.89	76.35

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

Year	Access to clean fuels and technologies for cooking (%)
2000	13.47
2001	14.87
2002	16.23
2003	17.55
2004	18.84
2005	20.1
2006	21.36
2007	22.61
2008	23.85
2009	25.09
2010	26.33
2011	27.57
2012	28.81
2013	30.04
2014	31.28

## 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	13.19	0
1991	11.92	-9.6
1992	10.44	-12.42
1993	8.76	-16.13
1994	8.67	-0.95
1995	8.84	1.85
1996	8.45	-4.34
1997	9.2	8.85
1998	10.05	9.22
1999	9.42	-6.25
2000	9.9	5.08
2001	10.63	7.39
2002	11.05	3.96
2003	11.4	3.16
2004	11.75	3.04
2005	11.36	-3.25
2006	11.28	-0.77
2007	13.17	16.82
2008	10.98	-16.64
2009	10.66	-2.96
2010	9.5	-10.9
2011	9.06	-4.53
2012	8.16	-10
2013	8.52	4.48
2014	7.94	-6.82

### 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	0	0	12.48	0.01
1991	0	0	12.19	0.01
1992	0	0	11.91	0.01
1993	0	0	11.61	0.01
1994	0	0	11.32	0.01
1995	0	0	10.96	0
1996	0	0	10.68	0
1997	0	0	10.42	0
1998	0	0	10.14	0.01
1999	0	0	10.1	0.08
2000	0	0	9.93	0.1
2001	0	0	9.81	0.09
2002	0	0	9.63	0.09
2003	0	0	9.43	0.1
2004	0	0	9.18	0.11
2005	0	0	8.96	0.12
2006	0	0	8.68	0.12
2007	0	0	8.64	0.13
2008	0	0	8.28	0.15
2009	0	0	8.18	0.16
2010	0	0	8.01	0.21
2011	0	0	7.85	0.29
2012	0	0	7.68	0.35
2013	0	0	7.55	0.46
2014	0	0	7.42	0.73

## 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	70.48	1.88	50442.71	6866.54	23999.69
1991	70.5	1.92	50442.71	7073.43	24068.39
1992	70.46	1.92	50442.71	6945.25	24058.41
1993	70.12	1.92	50442.71	6949.88	24458.09
1994	69.44	2.89	50442.71	7934.55	25696.02
1995	70.8	3.26	50442.71	8339.61	24246.36
1996	70.02	3.49	50442.71	8571.58	25269.01
1997	68.95	2.37	50417.4	7737.61	26193.76
1998	68.04	2.92	50417.4	8307.34	27583.34
1999	68.71	5.1	50417.4	10562.38	27768.63
2000	66.38	4.26	50417.4	9754.39	30477.17
2001	63.44	3.49	50417.4	9365.86	34453.49
2002	62.48	3.42	50417.4	9548.76	36003.76
2003	60.4	3.28	50417.4	9445.89	39253.34
2004	57.48	2.71	50417.4	8891.61	43873.9
2005	58.56	2.95	50392.09	9032.2	42045.7
2006	58.85	3.35	50392.09	9206.2	41664.67
2007	57.13	3.85	50392.09	9877.19	45227.26
2008	56.92	3.84	50392.09	9806.54	45553.42
2009	56.02	4.05	50392.09	10117.91	47512.62
2010	55.25	4.01	50392.09	10279.81	49136.56
2011	54.73	4.01	50382.96	10323.53	50206.92

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2012	55.47	4.09	50376.56	10345.33	48752.96
2013	50.44	3.98	50382.27	10545.01	59867
2014	50.03	4.02	50385.58	10725.55	61031.93

### Renewable Energy Consumption

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

Year	Electricity (%)	Transport (%)	Heating (%)
2014	44.11	0	62.77

#### 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	1461.58	3446.15	0	5817.82	0	0	50385.58	0