

Global Tracking Framework (GTF)

Country Data - Pakistan

Energy Access

Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	58.74	43.27	0
1991	59.6	44.7	95.2
1992	62.09	47.72	93.98
1993	63.77	49.94	94.09
1994	65.44	52.15	94.23
1995	67.1	54.35	94.39
1996	68.75	56.54	94.57
1997	70.38	58.72	94.78
1998	70.46	60.07	93.14
1999	73.61	63.01	95.25
2000	75.19	65.13	95.49
2001	77.7	67.23	98.53
2002	78.34	69.34	96
2003	79.9	71.44	96.28
2004	81.47	73.56	96.56
2005	83.85	74.27	96.4
2006	84.62	77.83	97.18
2007	89.2	84.4	98.3
2008	87.81	82.2	97.86
2009	90.73	87.1	97.73
2010	91.03	86.64	98.65
2011	91.37	87.9	98.08

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2012	94.28	91.12	99.56
2013	93.6	90.5	99.8
2014	97.53	95.63	100

Access to Clean Cooking Fuel and Technologies 2000-2014

Year	Access to clean fuels and technologies for cooking (%)
2000	23.77
2001	25.41
2002	26.99
2003	28.53
2004	30.05
2005	31.55
2006	33.03
2007	34.51
2008	35.99
2009	37.47
2010	38.95
2011	40.42
2012	41.9
2013	43.37
2014	44.84

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	5.46	0
1991	5.33	-2.4
1992	5.27	-1.11
1993	5.44	3.27
1994	5.46	0.36
1995	5.43	-0.49
1996	5.46	0.38
1997	5.54	1.63
1998	5.52	-0.38
1999	5.63	1.86
2000	5.54	-1.52
2001	5.52	-0.34
2002	5.41	-2.04
2003	5.39	-0.29
2004	5.38	-0.15
2005	5.19	-3.69
2006	5.09	-1.89
2007	5.11	0.5
2008	4.94	-3.32
2009	4.88	-1.29
2010	4.87	-0.16
2011	4.78	-1.94
2012	4.67	-2.27
2013	4.58	-1.86
2014	4.43	-3.3

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	6.09	0.33	7.8	0.29
1991	5.84	0.33	7.77	0.28
1992	6.32	0.31	7.72	0.3
1993	6.41	0.33	7.8	0.29
1994	6.43	0.34	7.89	0.29
1995	6.57	0.32	8.01	0.3
1996	6.09	0.3	7.96	0.31
1997	6.13	0.28	8.06	0.32
1998	5.97	0.24	8	0.32
1999	6.07	0.22	8.09	0.42
2000	5.92	0.2	8.09	0.31
2001	5.8	0.22	8.06	0.32
2002	6.04	0.21	8.08	0.28
2003	6.58	0.21	8.1	0.29
2004	6.3	0.2	8.21	0.3
2005	6.09	0.19	8.24	0.32
2006	6.28	0.19	8.35	0.32
2007	6.17	0.2	8.42	0.32
2008	5.18	0.19	8.38	0.31
2009	5.61	0.2	8.41	0.31
2010	5.27	0.18	8.45	0.31
2011	5.05	0.16	8.55	0.3
2012	4.8	0.15	8.68	0.29
2013	4.67	0.16	8.58	0.29
2014	4.48	0.16	8.54	0.28

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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	57.5	3.27	689033.23	129846.59	605245.75
1991	58.09	3.48	708829.68	136330.48	609722.57
1992	55.98	3.65	726864.4	144693.87	685290.54
1993	54.15	3.14	749008.22	142189.31	754651.59
1994	54.2	3.58	765367.18	156868.24	779439.03
1995	53.12	3.46	784856.31	159484.21	833312.67
1996	51.71	2.95	800865.42	154490.41	892033.62
1997	51.48	3	817043.55	158959.7	919794.86
1998	50.98	2.75	834952.38	157725.63	954350.46
1999	49.64	2.36	855820.4	154972.3	1025464.6
2000	50.39	2.16	875403.65	153452.39	1013008.13
2001	50.78	2.3	894610.97	159349.04	1021413.84
2002	50.62	2.61	913553.35	170023.67	1057104.8
2003	49.2	3.04	932433.77	185404.75	1154107.73
2004	47	2.74	951539.1	185062.18	1281699.76
2005	47.03	3.23	971096.4	201705.13	1321171.02
2006	46.05	3.27	991157.53	209072.09	1406045.71
2007	43.95	2.86	1011695.67	205640.43	1552736.48
2008	45.61	2.83	1032768.63	205783.11	1476838.73
2009	45.39	2.83	1054438.5	210547.26	1522068.78
2010	46.3	3.32	1076761.06	228068.79	1513296.77
2011	45.71	2.88	1099730.47	220356.75	1567824.28

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2012	46.17	2.94	1123302.78	226108.42	1573280.83
2013	47.09	3.17	1147371.98	236354.27	1554967.65
2014	47.21	3.14	1171755.11	240219.14	1579142.28

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

Year	Electricity (%)	Transport (%)	Heating (%)
2014	30.22	0	62.45

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	92769.48	0	146277.4	0	0	1171755.11	1172.52