

## Global Tracking Framework (GTF)

### Country Data - Germany

#### Energy Access

##### Access to Electricity 1990-2014

Year	Electrification rate, National (%)	Electrification rate, Rural (%)	Electrification rate, Urban (%)
1990	100	100	100
1991	100	100	100
1992	100	100	100
1993	100	100	100
1994	100	100	100
1995	100	100	100
1996	100	100	100
1997	100	100	100
1998	100	100	100
1999	100	100	100
2000	100	100	100
2001	100	100	100
2002	100	100	100
2003	100	100	100
2004	100	100	100
2005	100	100	100
2006	100	100	100
2007	100	100	100
2008	100	100	100
2009	100	100	100
2010	100	100	100
2011	100	100	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	100
2001	100
2002	100
2003	100
2004	100
2005	100
2006	100
2007	100
2008	100
2009	100
2010	100
2011	100
2012	100
2013	100
2014	100

## 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	5.88	0
1991	5.49	-6.73
1992	5.28	-3.71
1993	5.28	-0.02
1994	5.13	-2.86
1995	5.1	-0.67
1996	5.22	2.54
1997	5.09	-2.67
1998	4.96	-2.53
1999	4.75	-4.17
2000	4.64	-2.41
2001	4.69	1.28
2002	4.59	-2.24
2003	4.6	0.18
2004	4.58	-0.45
2005	4.51	-1.43
2006	4.47	-0.89
2007	4.1	-8.32
2008	4.1	0.01
2009	4.07	-0.76
2010	4.12	1.16
2011	3.77	-8.32
2012	3.77	-0.03
2013	3.83	1.59
2014	3.63	-5.18

### 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	33.19	0.96
1991	3.83	2.72	33.92	0.96
1992	3.69	2.74	32.24	0.88
1993	3.75	2.31	34.13	0.85
1994	3.63	3.25	32.71	0.79
1995	3.62	3.09	33.9	0.75
1996	3.64	3.07	36.91	0.81
1997	3.51	3.03	36.31	0.71
1998	3.5	3.13	35.79	0.68
1999	3.43	0.38	33.59	0.68
2000	3.29	0.43	33.16	0.66
2001	3.24	0.41	35.39	0.68
2002	3.32	0.4	34.04	0.67
2003	3.4	0.04	33.66	0.85
2004	3.35	0.05	32.66	0.84
2005	3.37	0.03	32.18	0.81
2006	3.24	0.01	32.42	0.85
2007	3.22	0	27.68	0.71
2008	3.21	0	30.85	0.77
2009	3.36	0	29.87	0.77
2010	3.19	0	31.94	0.82
2011	3.05	0	27.89	0.72
2012	3.03	0	29.43	0.75
2013	3.04	0	30.39	0.77
2014	2.88	0	26.52	0.73

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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	2.1	0.79	0	191345.9	8928902.89
1991	1.99	0.74	0	180139.49	8878320.13
1992	2.06	0.82	0	181123.07	8600084.02
1993	2.11	0.87	0	186673.75	8656523.52
1994	2.27	0.99	0	195824.95	8445284.48
1995	2.32	1.07	0	203654.27	8575498.14
1996	2.25	1.05	0	206730.68	8972432
1997	2.82	0.98	0	253959.54	8737597.53
1998	3.05	1.07	0	271827.79	8654844.98
1999	3.26	1.28	0	285706.9	8468340.25
2000	3.7	1.56	0	319660.07	8318780.44
2001	3.9	1.77	0	343660.67	8468891.52
2002	4.41	2.24	0	382630.97	8288624.3
2003	5.06	2.26	0	447123.78	8391992.15
2004	5.83	2.75	0	510485.31	8252843.1
2005	6.76	3.46	0	583527.7	8042731.44
2006	7.75	4.43	0	683859.29	8136461.68
2007	9.41	5.82	0	775851.82	7472110.23
2008	8.59	5.2	0	734775.91	7816838.04
2009	9.63	5.57	0	781838.26	7336887.61
2010	10.29	5.84	0	889170.69	7748989.35
2011	11.39	6.99	0	935657.01	7275926.05

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2012	12.02	7.64	0	997310.03	7303137.2
2013	12.09	7.77	0	1030488.78	7493642.97
2014	13.38	8.67	0	1087819.95	7043056.05

### Renewable Energy Consumption

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

Year	Electricity (%)	Transport (%)	Heating (%)
2014	26.13	5.07	12.27

#### 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	4041.05	58152.03	123816.98	382964.26	215273.07	133273.19	0	170293.07