

## Global Tracking Framework (GTF)

### Country Data - Russian Federation

#### 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	92.45
2001	93.2
2002	93.9
2003	94.57
2004	95.18
2005	95.81
2006	96.41
2007	97.02
2008	97.61
2009	98.21
2010	98.8
2011	99.32
2012	99.71
2013	99.92
2014	99.98

## Energy Efficiency

### Energy Intensity 1990-2014

Year	National Energy Intensity	Compound annual growth
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	<b>(MJ/USD PPP 2011)</b>	<b>rate of national energy intensity (%)</b>
1990	12.03	0
1991	12.55	4.35
1992	13.41	6.87
1993	13.86	3.37
1994	13.87	0.03
1995	14.02	1.1
1996	14.39	2.66
1997	13.56	-5.78
1998	13.99	3.14
1999	13.62	-2.65
2000	12.59	-7.56
2001	12.11	-3.81
2002	11.51	-4.97
2003	11.11	-3.48
2004	10.4	-6.4
2005	9.84	-5.37
2006	9.36	-4.85
2007	8.65	-7.6
2008	8.41	-2.74
2009	8.58	1.95
2010	8.73	1.81
2011	8.78	0.57
2012	8.7	-0.98
2013	8.46	-2.75
2014	8.19	-3.15

### 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	8.82	6.74	23.57	1.21
1991	9.09	6.91	22	1.25
1992	11.08	6.64	21.17	0.74
1993	12.08	8.89	48.02	1.27
1994	12.59	10.11	44.17	1.38
1995	13.39	10.85	41.45	1.3
1996	12.54	8.73	38.23	1.25
1997	11.89	7.85	37.93	1.11
1998	11.96	8.47	37.4	1.27
1999	11.37	7	38.74	1.33
2000	11.05	5.87	40.05	1.08
2001	10.33	4.98	41.28	0.91
2002	9.99	4.14	38.57	0.85
2003	9.29	3.96	40.19	0.81
2004	8.49	3.65	39.21	0.79
2005	8.36	3.82	32.25	1.24
2006	8.5	3.68	33.67	1.12
2007	8.07	3.76	32.96	1.1
2008	7.84	3.63	33.42	1.06
2009	8.13	3.57	32.08	1.04
2010	8.16	3.03	32.67	0.98
2011	7.84	4.1	34.42	0.93
2012	7.78	3.66	32.13	0.9
2013	7.28	2.58	31.1	0.91
2014	7.34	2.92	33.06	0.89

## 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	3.75	1.86	268894.3	649738.55	23565580.16
1991	3.77	1.93	253717.23	640766.83	22851020.97
1992	3.98	2.12	237390.39	634811.97	21039409.71
1993	4.04	2.16	178240.74	685529.52	20526764.44
1994	3.87	2.45	162468.77	560190.62	17965809.2
1995	3.87	2.56	125326.92	561217.81	17050505.36
1996	3.69	2.45	116730.58	475389.24	15434829.46
1997	3.75	2.61	105927.63	467286.29	14728864.62
1998	3.59	2.64	86689.33	455775.47	14588913.72
1999	3.82	2.6	110674.71	485249.85	15000731.79
2000	3.5	2.57	87280.21	471351.16	15415094.51
2001	3.62	2.71	84132.82	496893.34	15462311.54
2002	3.46	2.6	72540.08	467364.42	15067480.23
2003	3.28	2.44	74381.68	447972.65	15402602.77
2004	3.55	2.76	64191.68	503626.17	15407288.29
2005	3.62	2.77	47133.95	509324.02	14836466.3
2006	3.48	2.7	52136.96	501084.26	15326144.52
2007	3.67	2.78	54085.58	529384.22	15318182.19
2008	3.31	2.57	51200.17	484339.9	15654981.62
2009	3.6	2.88	37216.84	507910.94	14598896.84
2010	3.34	2.65	41184.09	490980.2	15387798.47
2011	3.23	2.53	41518.03	488084.02	15877942.8

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2012	3.35	2.59	50663.25	485537.71	15450514.21
2013	3.67	2.93	50417.32	525964.86	15143402.26
2014	3.46	2.78	41294.07	506148.94	15293232.31

### Renewable Energy Consumption

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

Year	Electricity (%)	Transport (%)	Heating (%)
2014	16.57	0	1.16

#### 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	1298.94	438311.49	0	65899.78	0	396.02	41294.07	237.61