

Global Tracking Framework (GTF)

Country Data - Angola

Energy Access

Access to Electricity 1990-2014

| Year | Electrification rate, National (%) | Electrification rate, Rural (%) | Electrification rate, Urban (%) |
|------|---------------------------------------|------------------------------------|------------------------------------|
| 1990 | 47.83 | 20.09 | 0 |
| 1991 | 47.26 | 19.45 | 0 |
| 1992 | 46.69 | 18.81 | 0 |
| 1993 | 46.11 | 18.17 | 0 |
| 1994 | 45.53 | 17.52 | 0 |
| 1995 | 44.94 | 16.87 | 0 |
| 1996 | 44.34 | 16.2 | 0 |
| 1997 | 43.73 | 15.51 | 0 |
| 1998 | 43.1 | 14.8 | 0 |
| 1999 | 42.45 | 14.08 | 0 |
| 2000 | 41.79 | 13.33 | 0 |
| 2001 | 41.11 | 12.58 | 0 |
| 2002 | 40.43 | 11.82 | 0 |
| 2003 | 39.75 | 11.07 | 0 |
| 2004 | 39.07 | 10.32 | 0 |
| 2005 | 38.39 | 9.59 | 0 |
| 2006 | 37.71 | 8.87 | 0 |
| 2007 | 37.5 | 8.8 | 66.1 |
| 2008 | 36.41 | 7.52 | 82.54 |
| 2009 | 35.77 | 6.87 | 80.4 |
| 2010 | 35.13 | 6.23 | 78.3 |
| 2011 | 34.6 | 5.5 | 82.5 |

Global Tracking Framework (GTF)

| | | | |
|------|-------|------|-------|
| 2012 | 33.88 | 5 | 74.26 |
| 2013 | 33.26 | 4.39 | 72.33 |
| 2014 | 32 | 3 | 51 |

Access to Clean Cooking Fuel and Technologies 2000-2014

| Year | Access to clean fuels and technologies for cooking (%) |
|------|--|
| 2000 | 18.24 |
| 2001 | 20.47 |
| 2002 | 22.65 |
| 2003 | 24.79 |
| 2004 | 26.9 |
| 2005 | 28.99 |
| 2006 | 31.08 |
| 2007 | 33.15 |
| 2008 | 35.23 |
| 2009 | 37.3 |
| 2010 | 39.37 |
| 2011 | 41.44 |
| 2012 | 43.51 |
| 2013 | 45.58 |
| 2014 | 47.65 |

Energy Efficiency

Energy Intensity 1990-2014

| Year | National Energy Intensity | Compound annual growth |
|------|---------------------------|------------------------|
|------|---------------------------|------------------------|

Global Tracking Framework (GTF)

| | (MJ/USD PPP 2011) | rate of national energy intensity (%) |
|------|--------------------------|--|
| 1990 | 4.61 | 0 |
| 1991 | 4.77 | 3.64 |
| 1992 | 5.16 | 8.01 |
| 1993 | 7.09 | 37.54 |
| 1994 | 6.94 | -2.06 |
| 1995 | 6.29 | -9.49 |
| 1996 | 5.82 | -7.46 |
| 1997 | 5.51 | -5.3 |
| 1998 | 5.14 | -6.61 |
| 1999 | 5.23 | 1.74 |
| 2000 | 5.22 | -0.28 |
| 2001 | 5.23 | 0.17 |
| 2002 | 5.88 | 12.42 |
| 2003 | 6.03 | 2.53 |
| 2004 | 5.59 | -7.21 |
| 2005 | 4.57 | -18.28 |
| 2006 | 4.15 | -9.13 |
| 2007 | 3.61 | -12.99 |
| 2008 | 3.44 | -4.9 |
| 2009 | 3.65 | 6.11 |
| 2010 | 3.7 | 1.44 |
| 2011 | 3.7 | -0.05 |
| 2012 | 3.86 | 4.36 |
| 2013 | 3.62 | -6.26 |
| 2014 | 3.65 | 0.82 |

Sectors 1990-2014

Global Tracking Framework (GTF)

| Year | Industry (MJ/USD PPP 2011) | Agriculture (MJ/USD PPP 2011) | Residential (GJ/Population) | Services (MJ/USD PPP 2011) |
|-------------|---|--|--|---|
| 1990 | 0 | 0 | 12.18 | 0 |
| 1991 | 0 | 0 | 12.1 | 0 |
| 1992 | 0 | 0 | 11.96 | 0 |
| 1993 | 0 | 0 | 11.74 | 0 |
| 1994 | 0 | 0 | 11.77 | 0 |
| 1995 | 0 | 0 | 11.64 | 0 |
| 1996 | 0 | 0 | 11.55 | 0 |
| 1997 | 0 | 0 | 11.52 | 0 |
| 1998 | 0 | 0 | 11.38 | 0 |
| 1999 | 0 | 0 | 11.3 | 0 |
| 2000 | 0 | 0 | 11.2 | 0 |
| 2001 | 0 | 0 | 11.18 | 0 |
| 2002 | 0 | 0 | 11.13 | 0 |
| 2003 | 0 | 0 | 11.05 | 0 |
| 2004 | 0 | 0 | 10.89 | 0 |
| 2005 | 0 | 0 | 10.7 | 0 |
| 2006 | 0 | 0 | 10.93 | 0 |
| 2007 | 0 | 0 | 10.85 | 0 |
| 2008 | 0 | 0 | 10.95 | 0 |
| 2009 | 0 | 0 | 10.98 | 0 |
| 2010 | 0 | 0 | 10.87 | 0 |
| 2011 | 0 | 0 | 10.79 | 0 |
| 2012 | 0 | 0 | 10.9 | 0 |
| 2013 | 0 | 0 | 11.08 | 0 |
| 2014 | 0 | 0 | 10.96 | 0 |

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 | 72.26 | 0.98 | 130416.01 | 5027.65 | 52008.04 |
| 1991 | 71.89 | 0.97 | 133446.55 | 5136.42 | 54191.58 |
| 1992 | 72.72 | 1.04 | 136565.84 | 5383.82 | 53241.89 |
| 1993 | 71.28 | 1.06 | 139742.15 | 5582.81 | 58562.52 |
| 1994 | 72.22 | 1.06 | 142468.05 | 5665.71 | 56980.12 |
| 1995 | 73.95 | 1.06 | 145569.17 | 5752.58 | 53316.8 |
| 1996 | 73.14 | 1.06 | 148777.27 | 5879.84 | 56797.57 |
| 1997 | 73.73 | 1.24 | 151699.45 | 6367.76 | 56306.5 |
| 1998 | 76.82 | 1.45 | 154677.22 | 6832.26 | 48735.16 |
| 1999 | 73.41 | 1.15 | 157790.19 | 6424.24 | 59478.04 |
| 2000 | 74.62 | 1.17 | 161214.83 | 6551.58 | 57066.76 |
| 2001 | 73.76 | 1.26 | 164992.24 | 6944.54 | 61173.02 |
| 2002 | 72.13 | 1.35 | 169024.63 | 7397.95 | 68183.71 |
| 2003 | 67.31 | 1.36 | 173142.6 | 7851.81 | 87917.85 |
| 2004 | 65.49 | 1.52 | 177313.53 | 8607.55 | 97957.98 |
| 2005 | 70.95 | 2.1 | 181466.46 | 10084.49 | 78413.32 |
| 2006 | 65.02 | 2.62 | 185565.38 | 12489.95 | 106539.39 |
| 2007 | 61.6 | 2.24 | 189632.31 | 11939.44 | 125656.77 |
| 2008 | 58.11 | 2.68 | 193646.49 | 14291.24 | 149909.36 |
| 2009 | 55.75 | 2.49 | 197703.42 | 14267.66 | 168253.12 |
| 2010 | 54.19 | 2.85 | 201770.39 | 16364.26 | 184373.66 |
| 2011 | 52.72 | 2.94 | 205850.34 | 17443.59 | 200287.64 |

Global Tracking Framework (GTF)

| | | | | | |
|------|-------|------|-----------|----------|-----------|
| 2012 | 52.25 | 2.7 | 209951.27 | 16812.51 | 207269.33 |
| 2013 | 50.69 | 3.21 | 214066.23 | 20001.65 | 227730.97 |
| 2014 | 50.8 | 3.33 | 218170.17 | 20952.96 | 231615.17 |

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

| Year | Electricity (%) | Transport (%) | Heating (%) |
|------|-----------------|---------------|-------------|
| 2014 | 53.18 | 0 | 69.06 |

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 | 15658.17 | 0 | 5294.95 | 0 | 0 | 218170.17 | 0 |