

Country Data - Azerbaijan

Energy Access

Access to Electricity 1990-2014

| Year | Electrification rate, National (%) | Electrification rate, Rural (%) | Electrification rate, Urban (%) |
|------|---------------------------------------|------------------------------------|------------------------------------|
| 1990 | 93.82 | 90.24 | 0 |
| 1991 | 94.27 | 90.85 | 0 |
| 1992 | 94.72 | 91.46 | 0 |
| 1993 | 95.17 | 92.07 | 0 |
| 1994 | 95.62 | 92.67 | 0 |
| 1995 | 96.05 | 93.25 | 0 |
| 1996 | 96.48 | 93.83 | 0 |
| 1997 | 96.89 | 94.39 | 0 |
| 1998 | 97.28 | 94.93 | 0 |
| 1999 | 97 | 95.45 | 0 |
| 2000 | 98.02 | 95.96 | 99.96 |
| 2001 | 98.37 | 96.45 | 100 |
| 2002 | 100 | 96.94 | 100 |
| 2003 | 99.06 | 97.43 | 100 |
| 2004 | 99.39 | 97.93 | 100 |
| 2005 | 99.67 | 98.46 | 100 |
| 2006 | 99.5 | 99 | 99.8 |
| 2007 | 99.97 | 99.44 | 100 |
| 2008 | 100 | 99.77 | 100 |
| 2009 | 100 | 99.94 | 100 |
| 2010 | 100 | 99.99 | 100 |
| 2011 | 100 | 100 | 100 |



| 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 | 70.79 |
| 2001 | 72.79 |
| 2002 | 74.75 |
| 2003 | 76.66 |
| 2004 | 78.55 |
| 2005 | 80.41 |
| 2006 | 82,27 |
| 2007 | 84.12 |
| 2008 | 85.97 |
| 2009 | 87.82 |
| 2010 | 89.67 |
| 2011 | 91.51 |
| 2012 | 93.36 |
| 2013 | 95.19 |
| 2014 | 96.94 |

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 | 15.57 | 0 |
| 1991 | 15.53 | -0.23 |
| 1992 | 16.26 | 4.69 |
| 1993 | 18.95 | 16.53 |
| 1994 | 21.42 | 13.02 |
| 1995 | 22.82 | 6.53 |
| 1996 | 19.04 | -16.57 |
| 1997 | 17.33 | -8.94 |
| 1998 | 16.36 | -5.63 |
| 1999 | 14.17 | -13.41 |
| 2000 | 13.18 | -6.97 |
| 2001 | 12.15 | -7.81 |
| 2002 | 11.09 | -8.68 |
| 2003 | 10.49 | -5.41 |
| 2004 | 10.01 | -4.57 |
| 2005 | 8.32 | -16.92 |
| 2006 | 6.1 | -26.73 |
| 2007 | 4.46 | -26.8 |
| 2008 | 4.43 | -0.71 |
| 2009 | 3.63 | -18.11 |
| 2010 | 3.36 | -7.44 |
| 2011 | 3.64 | 8.35 |
| 2012 | 3.88 | 6.65 |
| 2013 | 3.72 | -4.18 |
| 2014 | 3.76 | 1.16 |

Sectors 1990-2014



| Year | Industry (MJ/USD PPP 2011) | Agriculture (MJ/USD PPP 2011) | Residential (GJ/Population) | Services (MJ/USD PPP 2011) |
|------|----------------------------------|-------------------------------------|--------------------------------|----------------------------------|
| 1990 | 0 | 0 | 13.71 | 0 |
| 1991 | 0 | 0 | 11.68 | 0 |
| 1992 | 10.08 | 10.54 | 9.11 | 2.69 |
| 1993 | 10.91 | 8.61 | 6.41 | 2.9 |
| 1994 | 13.63 | 9.22 | 11.73 | 2.69 |
| 1995 | 16.38 | 8.67 | 10.75 | 2.28 |
| 1996 | 9.83 | 7.08 | 11.57 | 1.75 |
| 1997 | 7.3 | 6.41 | 11.7 | 1.65 |
| 1998 | 4.99 | 2.32 | 13.03 | 1.8 |
| 1999 | 4.85 | 1.52 | 14.64 | 1.66 |
| 2000 | 5.08 | 1.94 | 11.84 | 3.38 |
| 2001 | 4.98 | 1.47 | 13.2 | 2.38 |
| 2002 | 4.99 | 1.4 | 14.81 | 1.9 |
| 2003 | 4.68 | 1.11 | 16.28 | 1.55 |
| 2004 | 4.08 | 1.17 | 16.97 | 0.86 |
| 2005 | 2.87 | 2.18 | 17.31 | 0.84 |
| 2006 | 1.97 | 0.68 | 17.82 | 0.51 |
| 2007 | 1.25 | 1.58 | 14.66 | 0.86 |
| 2008 | 1.31 | 1.84 | 16.4 | 0.77 |
| 2009 | 0.92 | 2.38 | 14.08 | 0.63 |
| 2010 | 0.74 | 2.33 | 14.29 | 0.61 |
| 2011 | 0.9 | 2.3 | 14.32 | 0.7 |
| 2012 | 0.94 | 2.32 | 12.42 | 1.43 |
| 2013 | 0.91 | 2.46 | 12.02 | 1.26 |
| 2014 | 0.95 | 2.28 | 13.1 | 1.16 |



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 | 0.72 | 0.62 | 561.91 | 4221.39 | 657665.81 |
| 1991 | 0.8 | 0.69 | 570.87 | 4518.03 | 627350.52 |
| 1992 | 1.22 | 1.05 | 579.87 | 4670.29 | 426063.34 |
| 1993 | 1.98 | 1.77 | 588.87 | 6295.08 | 340252.85 |
| 1994 | 1.52 | 1.31 | 596.87 | 4828.97 | 352488.58 |
| 1995 | 1.37 | 1.16 | 603.9 | 4375.65 | 359331.54 |
| 1996 | 1.74 | 1.46 | 609.89 | 4137.81 | 268280.98 |
| 1997 | 1.99 | 1.7 | 615.88 | 4622.66 | 258024.68 |
| 1998 | 2.48 | 2.16 | 621.87 | 5364.59 | 234976.99 |
| 1999 | 2.14 | 1.81 | 626.89 | 4394.05 | 229171.49 |
| 2000 | 2.07 | 1.74 | 631.87 | 4429.82 | 239979.95 |
| 2001 | 1.75 | 1.51 | 463.9 | 3843.38 | 241468.6 |
| 2002 | 2.35 | 2.16 | 420.9 | 5715.78 | 254787.67 |
| 2003 | 2.94 | 2.57 | 793.86 | 7086.21 | 259714.23 |
| 2004 | 3.07 | 2.88 | 403.94 | 7827.05 | 259810.88 |
| 2005 | 3.37 | 3 | 918.84 | 8669.14 | 275327.87 |
| 2006 | 2.86 | 2.51 | 846.82 | 7412.44 | 280366.08 |
| 2007 | 3.79 | 2.37 | 2924.44 | 6929.92 | 250244.23 |
| 2008 | 3.09 | 1.91 | 2748.47 | 6609.95 | 293865.42 |
| 2009 | 3.27 | 2.09 | 2235.58 | 6235.91 | 250663.5 |
| 2010 | 4.45 | 3.04 | 3044.43 | 8843.02 | 255262.21 |
| 2011 | 3.56 | 2.17 | 3206.38 | 7135.86 | 280469.71 |



| 2012 | 2.85 | 1.47 | 3259.38 | 5247.6 | 290453.4 |
|------|------|------|---------|---------|-----------|
| 2013 | 2.53 | 1.23 | 2995.66 | 4881.6 | 303957.87 |
| 2014 | 2.12 | 1.04 | 2436.76 | 4562.25 | 323638.91 |

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

| Year | Electricity (%) | Transport (%) | Heating (%) |
|------|-----------------|---------------|-------------|
| 2014 | 5.63 | 0.01 | 2.2 |

Current Renewable Energy Consumption by Source (2014)

| Year | Geothe rmal (TJ) | Hydro (TJ) | Liquid Biofuel s (TJ) | Moder n Biomas s (TJ) | Others (TJ) | Solar (TJ) | Traditi onal Biomas s (TJ) | Wind (TJ) |
|------|------------------------|---------------|-----------------------------|--------------------------------|----------------|---------------|-------------------------------------|--------------|
| 2014 | 0 | 3200.24 | 0 | 1135.45 | 214.25 | 7.27 | 2436.76 | 4.96 |