

Country Data - South Sudan

Energy Access

Access to Electricity 1990-2014

| Year | Electrification rate, National (%) | Electrification rate, Rural (%) | Electrification rate, Urban (%) |
|------|---------------------------------------|------------------------------------|------------------------------------|
| 1990 | 0 | 0 | 0 |
| 1991 | 0 | 0 | 0 |
| 1992 | 0 | 0 | 0 |
| 1993 | 0 | 0 | 0 |
| 1994 | 0 | 0 | 0 |
| 1995 | 0 | 0 | 0 |
| 1996 | 0 | 0 | 0 |
| 1997 | 0 | 0 | 0 |
| 1998 | 0 | 0 | 0 |
| 1999 | 0 | 0 | 0 |
| 2000 | 0 | 0 | 0 |
| 2001 | 0 | 0 | 0 |
| 2002 | 0.01 | 0 | 0 |
| 2003 | 0.05 | 0 | 0 |
| 2004 | 0.17 | 0 | 0 |
| 2005 | 0.42 | 0 | 0 |
| 2006 | 0.75 | 0.02 | 0 |
| 2007 | 1.2 | 0.07 | 0 |
| 2008 | 1.66 | 0.24 | 0 |
| 2009 | 3 | 0.6 | 16.6 |
| 2010 | 1.5 | 0.7 | 4 |
| 2011 | 3.08 | 1.72 | 9.28 |



| 2012 | 3.56 | 2.36 | 8.98 |
|------|------|------|------|
| 2013 | 4.05 | 3 | 8.68 |
| 2014 | 4.53 | 3.65 | 8.39 |

Access to Clean Cooking Fuel and Technologies 2000-2014

| Year | Access to clean fuels and technologies for cooking (%) |
|------|--------------------------------------------------------|
| 2000 | 2 |
| 2001 | 2 |
| 2002 | 2 |
| 2003 | 2 |
| 2004 | 2 |
| 2005 | 2 |
| 2006 | 2 |
| 2007 | 2 |
| 2008 | 2 |
| 2009 | 2 |
| 2010 | 2.02 |
| 2011 | 2.1 |
| 2012 | 2.32 |
| 2013 | 2.68 |
| 2014 | 3.14 |

Energy Efficiency

Energy Intensity 1990-2014

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

Page 2/6



| | (MJ/USD PPP 2011) | rate of national energy intensity (%) |
|------|-------------------|---------------------------------------|
| 1990 | 0 | 0 |
| 1991 | 0 | 0 |
| 1992 | 0 | 0 |
| 1993 | 0 | 0 |
| 1994 | 0 | 0 |
| 1995 | 0 | 0 |
| 1996 | 0 | 0 |
| 1997 | 0 | 0 |
| 1998 | 0 | 0 |
| 1999 | 0 | 0 |
| 2000 | 0 | 0 |
| 2001 | 0 | 0 |
| 2002 | 0 | 0 |
| 2003 | 0 | 0 |
| 2004 | 0 | 0 |
| 2005 | 0 | 0 |
| 2006 | 0 | 0 |
| 2007 | 0 | 0 |
| 2008 | 0 | 0 |
| 2009 | 0 | 0 |
| 2010 | 0 | 0 |
| 2011 | 0 | 0 |
| 2012 | 1.37 | 0 |
| 2013 | 1.28 | -7.05 |
| 2014 | 1.28 | 0.03 |

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 | 0 | 0 |
| 1991 | 0 | 0 | 0 | 0 |
| 1992 | 0 | 0 | 0 | 0 |
| 1993 | 0 | 0 | 0 | 0 |
| 1994 | 0 | 0 | 0 | 0 |
| 1995 | 0 | 0 | 0 | 0 |
| 1996 | 0 | 0 | 0 | 0 |
| 1997 | 0 | 0 | 0 | 0 |
| 1998 | 0 | 0 | 0 | 0 |
| 1999 | 0 | 0 | 0 | 0 |
| 2000 | 0 | 0 | 0 | 0 |
| 2001 | 0 | 0 | 0 | 0 |
| 2002 | 0 | 0 | 0 | 0 |
| 2003 | 0 | 0 | 0 | 0 |
| 2004 | 0 | 0 | 0 | 0 |
| 2005 | 0 | 0 | 0 | 0 |
| 2006 | 0 | 0 | 0 | 0 |
| 2007 | 0 | 0 | 0 | 0 |
| 2008 | 0 | 0 | 0 | 0 |
| 2009 | 0 | 0 | 0 | 0 |
| 2010 | 0 | 0 | 0 | 0 |
| 2011 | 0 | 0 | 0 | 0 |
| 2012 | 0 | 0 | 0.66 | 0 |
| 2013 | 0 | 0 | 0.6 | 0 |
| 2014 | 0 | 0 | 0.6 | 0 |



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 | 0 | 0 | 0 | 0 |
| 1991 | 0 | 0 | 0 | 0 | 0 |
| 1992 | 0 | 0 | 0 | 0 | 0 |
| 1993 | 0 | 0 | 0 | 0 | 0 |
| 1994 | 0 | 0 | 0 | 0 | 0 |
| 1995 | 0 | 0 | 0 | 0 | 0 |
| 1996 | 0 | 0 | 0 | 0 | 0 |
| 1997 | 0 | 0 | 0 | 0 | 0 |
| 1998 | 0 | 0 | 0 | 0 | 0 |
| 1999 | 0 | 0 | 0 | 0 | 0 |
| 2000 | 0 | 0 | 0 | 0 | 0 |
| 2001 | 0 | 0 | 0 | 0 | 0 |
| 2002 | 0 | 0 | 0 | 0 | 0 |
| 2003 | 0 | 0 | 0 | 0 | 0 |
| 2004 | 0 | 0 | 0 | 0 | 0 |
| 2005 | 0 | 0 | 0 | 0 | 0 |
| 2006 | 0 | 0 | 0 | 0 | 0 |
| 2007 | 0 | 0 | 0 | 0 | 0 |
| 2008 | 0 | 0 | 0 | 0 | 0 |
| 2009 | 0 | 0 | 0 | 0 | 0 |
| 2010 | 0 | 0 | 0 | 0 | 0 |
| 2011 | 0 | 0 | 0 | 0 | 0 |

| 2012 | 30.2 | 0.03 | 6396.76 | 461.67 | 15854 |
|------|-------|------|---------|--------|----------|
| 2013 | 29.7 | 0.03 | 5990.85 | 548.9 | 15478.38 |
| 2014 | 29.83 | 0.03 | 6229.79 | 556.89 | 15964.8 |

Renewable Energy Consumption

Renewable Energy Consumption by End Use (2014)

| Year | Electricity (%) | Transport (%) | Heating (%) |
|------|-----------------|---------------|-------------|
| 2014 | 0.41 | 0 | 88.04 |

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 | 0 | 0 | 550.56 | 0 | 6.32 | 6229.79 | 0 |