



## SDG7 Tracking | Progress Towards Sustainable Energy

### Country Data - Chad

#### Energy Access

##### Access to Electricity 1990-2016

| Year | Electrification rate, Total (% of population) |
|------|---|
| 1990 | 0   |
| 1991 | 0.03  |
| 1992 | 0.11  |
| 1993 | 0.3   |
| 1994 | 0.58  |
| 1995 | 1   |
| 1996 | 1.42  |
| 1997 | 2.3   |
| 1998 | 2.2   |
| 1999 | 2.56  |
| 2000 | 2.9   |
| 2001 | 3.22  |
| 2002 | 3.53  |
| 2003 | 3.83  |
| 2004 | 3.5   |
| 2005 | 4.44  |
| 2006 | 4.76  |
| 2007 | 5.09  |
| 2008 | 5.45  |
| 2009 | 5.83  |
| 2010 | 6.4   |
| 2011 | 6.64  |



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|      |      |
|------|------|
| 2012 | 7.07 |
| 2013 | 7.5  |
| 2014 | 7.94 |
| 2015 | 7.7  |
| 2016 | 8.83 |

### Access to Clean Cooking Fuel and Technologies 2000-2016

| <b>Year</b> | <b>Clean cooking access rate (%) (%)</b> |
|-------------|--|
| 2000        | 3.29                                     |
| 2001        | 3.26                                     |
| 2002        | 3.28                                     |
| 2003        | 3.21                                     |
| 2004        | 3.22                                     |
| 2005        | 3.21                                     |
| 2006        | 3.19                                     |
| 2007        | 3.16                                     |
| 2008        | 3.23                                     |
| 2009        | 3.19                                     |
| 2010        | 3.14                                     |
| 2011        | 3.15                                     |
| 2012        | 3.18                                     |
| 2013        | 3.15                                     |
| 2014        | 3.13                                     |
| 2015        | 3.13                                     |
| 2016        | 3.13                                     |

### Energy Efficiency



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### Energy Intensity 1990-2015

| <b>Year</b> | <b>National Energy Intensity<br/>(MJ/USD PPP 2011)</b> | <b>Compound Annual Growth<br/>Rate of National Energy<br/>Intensity (%)</b> |
|-------------|--|---|
| 1990        | 6.78   | 0   |
| 1991        | 6.19   | -8.8  |
| 1992        | 5.92   | -4.32   |
| 1993        | 7.31   | 23.44   |
| 1994        | 6.79   | -7.02   |
| 1995        | 6.85   | 0.78  |
| 1996        | 6.88   | 0.45  |
| 1997        | 6.7  | -2.61   |
| 1998        | 6.43   | -4.05   |
| 1999        | 6.65   | 3.52  |
| 2000        | 6.89   | 3.63  |
| 2001        | 6.28   | -8.86   |
| 2002        | 5.89   | -6.19   |
| 2003        | 5.49   | -6.85   |
| 2004        | 4.18   | -23.93  |
| 2005        | 3.65   | -12.71  |
| 2006        | 3.68   | 0.98  |
| 2007        | 3.66   | -0.54   |
| 2008        | 3.64   | -0.46   |
| 2009        | 3.54   | -2.92   |
| 2010        | 3.18   | -10.22  |
| 2011        | 3.23   | 1.63  |
| 2012        | 3.01   | -6.64   |
| 2013        | 2.93   | -2.93   |



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|      |      |       |
|------|------|-------|
| 2014 | 2.79 | -4.73 |
| 2015 | 2.78 | -0.21 |

### Sectors

## Renewable Energy

### Total Final Energy Consumption

| Year | Renewables (as % of TFEC)<br>(%) | Non Renewables (TJ) |
|------|----------------------------------|---------------------|
| 1990 | 98.16                            | 692                 |
| 1991 | 98.3                             | 647                 |
| 1992 | 98.23                            | 695                 |
| 1993 | 98.17                            | 743                 |
| 1994 | 98.12                            | 780                 |
| 1995 | 98.14                            | 787                 |
| 1996 | 98.09                            | 827                 |
| 1997 | 97.92                            | 921                 |
| 1998 | 97.6                             | 1093                |
| 1999 | 97.3                             | 1264                |
| 2000 | 97.16                            | 1363                |
| 2001 | 97.26                            | 1337                |
| 2002 | 97.26                            | 1362                |
| 2003 | 91.97                            | 4307                |
| 2004 | 92.12                            | 4286                |
| 2005 | 91.73                            | 4614                |
| 2006 | 91.81                            | 4635                |
| 2007 | 90.71                            | 5401                |



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|      |       |      |
|------|-------|------|
| 2008 | 90.07 | 5912 |
| 2009 | 91.05 | 5352 |
| 2010 | 90.79 | 5608 |
| 2011 | 90.6  | 5804 |
| 2012 | 90.65 | 5855 |
| 2013 | 89.46 | 6782 |
| 2014 | 89.24 | 7044 |
| 2015 | 89.36 | 7065 |

### Renewable Energy Consumption

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

| Year | Electricity (%) | Heat (%) | Transport (%) |
|------|-----------------|----------|---------------|
| 2014 | 0               | 90.3     | 0             |

#### Current Renewable Energy Consumption by Source (2014)

| Year | Wind (TJ) | Others (TJ) |
|------|-----------|-------------|
|------|-----------|-------------|