



University : University of Babylon  
Country : Iraq  
Web Address : <http://www.uobabylon.edu.iq/>

## Total carbon footprint (CO<sub>2</sub> emission in the last 12 months, in metric tons)

Country Name	Kilotons of Co2
<a href="#">China</a>	9,893,037.95
<a href="#">Russia</a>	1,732,026.78
<a href="#">Iran</a>	661,710.15
<a href="#">Mexico</a>	486,405.55
<a href="#">South Africa</a>	476,643.99
<a href="#">Brazil</a>	462,298.69
<a href="#">Turkey</a>	372,724.88
<a href="#">Thailand</a>	283,763.46
<a href="#">Malaysia</a>	248,288.90
<a href="#">Kazakhstan</a>	247,207.14
<a href="#">Iraq</a>	<b>190,060.61</b>
<a href="#">Venezuela</a>	164,175.26

### Iraq Carbon (CO2) Emissions - Historical Data

<b>Year</b>	<b>Kilotons of Co2</b>	<b>Metric Tons Per Capita</b>
2016	190,060.61	5.19
2015	167,273.87	4.70
2014	166,628.48	4.84
2013	165,612.72	4.99
2012	154,446.71	4.84
2011	136,830.44	4.45
2010	112,195.53	3.77
2009	104,546.17	3.61
2008	93,149.13	3.28

## Iraq - CO2 emissions

**162,646.2**

(kt)

in 2016

flaring.

In 2016, CO2 emissions for Iraq was 162,646.2 kt. CO2 emissions of Iraq increased from 121,075.6 kt in 1997 to 162,646.2 kt in 2016 growing at an average annual rate of 2.26 %.

The description is composed by our digital data assistant.

### What is CO2 emissions?

Carbon dioxide emissions are those stemming from the burning of fossil fuels and the manufacture of cement. They include carbon dioxide produced during consumption of solid, liquid, and gas fuels and gas

EXPORT

EXPLORE DATA

Compare

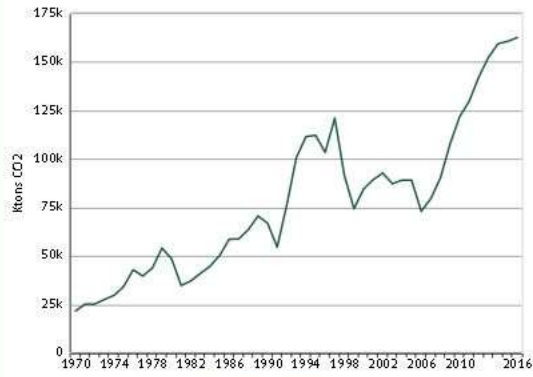
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### What is Iraq CO2 emissions?



Source: Global GHG and CO2 Emissions

DATE	VALUE	CHANGE, %
2016	162,646.2	1.22 %
2015	160,683.8	0.77 %
2014	159,452.1	4.61 %
2013	152,428.0	7.09 %
2012	142,342.1	9.61 %
2011	129,862.3	6.61 %
2010	121,813.0	13.06 %
2009	107,743.7	19.31 %
2008	90,305.1	13.50 %
2007	79,566.8	8.87 %
2006	73,085.9	-17.99 %
2005	89,119.1	

## IRAQ- CO<sup>2</sup> emission

## Iraq - CO2 emissions intensity

**0.27**

(kg per 1000 dollar GDP)

in 2016

Iraq CO2 emissions intensity was at level of 0.27 kg per 1000 dollar GDP in 2016, down from 0.31 kg per 1000 dollar GDP previous year, this is a change of -13.50 %.

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### What is CO2 emissions intensity?

Carbon dioxide emissions are those stemming from the burning of fossil fuels and the manufacture of cement. They include carbon dioxide produced during consumption of solid, liquid, and gas fuels and gas flaring.

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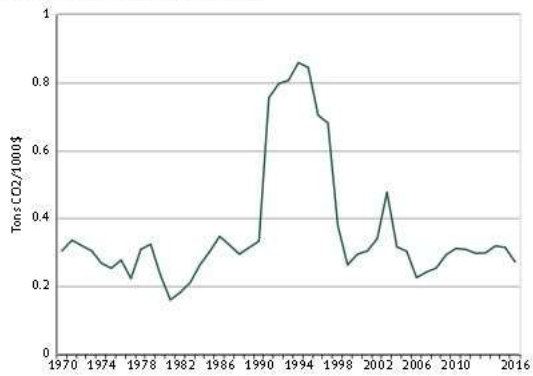
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### What is Iraq CO2 emissions intensity?



Source: Global GHG and CO2 Emissions

DATE	VALUE	CHANGE, %
2016	0.27	-13.50 %
2015	0.31	-1.40 %
2014	0.32	6.91 %
2013	0.30	0.38 %
2012	0.30	-3.66 %
2011	0.31	-0.99 %
2010	0.31	6.41 %
2009	0.29	15.42 %
2008	0.25	4.89 %
2007	0.24	7.21 %
2006	0.23	-25.58 %
2005	0.30	

## IRAQ- CO<sup>2</sup> Intensity

**Number of Academic Staff (FTE): 2079**

**Number of staff (FTE): 2870**

**Number of Students (regular and full time study program) : 24299**

**Total carbon footprint (CO2 emission in the last 12 months, in metric tons) = 93**

### **Web sources**

<https://www.ipcc.ch/site/assets/uploads/2018/12/UNEP-1.pdf><https://www.ceicdata.com/en/iraq/environment-pollution/iq-co2-emissions-metric-tons-per-capita>

<https://www.macrotrends.net/countries/IRQ/iraq/carbon-co2-emissions>

<https://knoema.com/atlas/Iraq/CO2-emissions>

<https://knoema.com/atlas/Iraq/CO2-emissions-intensity>

<https://knoema.com/atlas/Iraq/CO2-emissions-per-capita>

<https://knoema.com/atlas/Iraq/Quantity-of-municipal-waste-collected>

### **CO<sub>2</sub> (electricity)**

=(electricity usage per year (kWh) /1000 )x 0,84  
= 5000 kWh/1000 x 0,84 = 4.20 metric tons

### **CO<sub>2</sub> (bus)**

(number of shuttle bus in your university x total trips for shuttle bus service each day \* approximate travel distance of vehicle each day inside campus only (KM) 240 /100)\* 0,01  
=(50 x2 x 1 x 240)/100 X 0,01  
= 2.40 metric tons

### **CO<sub>2</sub> (cars)**

=number of can entering your university x 2 x approximate travel distance of vehicle each day inside campus only (KM) x240/100 X 0,02  
=900 x2 x 1 X 240/100 x 0,02  
= 86.4 metric tons

### **CO<sub>2</sub> (motorcycle)**

= number of motorcycle entering your university x 2 x approximate travel distance of vehicle each day inside campus only (KM) x240/100 x 0,01  
=0 x2 x5 x240/100 x 0,01 100  
= 0 metric tons

**CO2 (total)**

= 4.20 + 2.40 + 86.4 + 0 = 93 metric tons

**Carbon footprint in 2020 = 93 metric tons**

**The rate of carbon dioxide emission at the University of Babylon, Iraq**