

## CO<sub>2</sub> Is All Over - Where Can We Reduce?

POUNDS OF CO <sub>2</sub> RELEASED BY . . .		
<b>Long distance bus</b>	0.2 lb CO <sub>2</sub> per passenger mile	Routes designed so buses are full
<b>Train</b>	0.4 lb CO <sub>2</sub> per passenger mile	Same for local & long distance trains
<b>Local bus</b>	0.7 lb CO <sub>2</sub> per passenger mile	Bus empty much of route; many stops
<b>Car</b>	1.2 lb CO <sub>2</sub> per mile at 28 mpg	Website shows how 52mph saves CO <sub>2</sub> !
	1.8 lb CO <sub>2</sub> per mile at 17 mpg	
<b>Airplane</b>	1.2 + 230÷miles per passenger mile	Plane, car, bus & train include making vehicle, fuel, roads, rails, airports, etc.
<b>Telecommunication</b>	0.6 lb CO <sub>2</sub>	Based on fuel & other inputs for each sector in the economy
<b>Hotel, restaurant</b>	1 lb CO <sub>2</sub> per dollar spent	
<b>Construction</b>	1.3 lb CO <sub>2</sub>	

POUNDS OF CO <sub>2</sub> RELEASED WHEN THEY MAKE & DELIVER . . .		
<b>Computers</b>	0.3 lb CO <sub>2</sub> per dollar spent	
<b>12 oz. bottle</b>	0.38 lb CO <sub>2</sub> for glass bottle, 0.15 for plastic, 0.28 for alum. can	
<b>Red meat</b>	22 lb CO <sub>2</sub> per lb of product	Recycling saves 90% of CO <sub>2</sub> in plastic & aluminum, 40% in paper, glass, steel
<b>Dairy, eggs, chicken</b>	4-6	
<b>Veg, oil, carb</b>	2-3	
<b>Plastic, paper, etc</b>	1-2	

For all sources: Please link to: [CO2List.org](http://CO2List.org)

**CO<sub>2</sub> Dividend:** A \$1,300 annual dividend paid to every citizen, funded by 3¢ fee per pound of CO<sub>2</sub> could reduce CO<sub>2</sub> enough (UN Development Program). We can stop extinction of 35% of bird species, 52% of amphibian species and 72% of coral species (IUCN). 04Mar10

### Each of the following releases one ton (2,000 pounds) of CO<sub>2</sub>:

<b>90</b>	lb of <b>red meat</b> (fertilizer & methane from cows' stomachs)
<b>300</b>	lb of <b>chicken, fish or eggs</b> (mostly fertilizer for grain they eat)
<b>700</b>	lb of <b>cereal or carbohydrate</b> (mostly fertilizer)
<b>1,200</b>	lb of <b>fruit or vegetables</b> (mostly fertilizer)
<b>1,000</b>	lb of <b>paper or plastic</b>
<b>1</b>	year of <b>electricity</b> at constant 100 watts
<b>26</b>	square feet of <b>living &amp; working space</b> (building it)
<b>100</b>	square feet of <b>solar collectors</b> (manufacture)
<b>20,000</b>	gallons of <b>hot water</b> (heated 55°F with gas; solar would allow far more)
<b>700,000</b>	disposable <b>plastic bags</b> , recycled
<b>1,600</b>	miles in a <b>28 mpg car</b> These include making vehicle, road, rails, airports, etc.
<b>1,600</b>	passenger miles in a <b>plane</b>
<b>2,000</b>	miles in a <b>40 mpg car</b>
<b>3,000</b>	passenger miles in a <b>local bus</b> (bus empty much of route)
<b>3,000</b>	miles <b>walking</b> (producing food, shoes & sidewalk)
<b>5,000</b>	passenger miles in a <b>train</b>
<b>8,000</b>	miles <b>bicycling</b> (producing bike, bike lanes & food, or electricity for e-bike)
<b>12,000</b>	passenger miles in a <b>long distance bus</b> (routes designed so buses are full)
<b>\$1,500</b>	spent on <b>construction</b> in USA (energy & making concrete & other materials)
<b>\$2,000</b>	spent on <b>hotels or restaurants</b> in USA
<b>\$3,000</b>	spent on <b>education, health, telephone, internet</b> in USA
<b>\$7,000</b>	spent on <b>computers</b> in USA
<b>\$1,600</b>	spent in <b>China</b> , overall average
<b>\$1,700</b>	spent in <b>USA</b> , overall average
<b>\$2,300</b>	spent in <b>India</b>

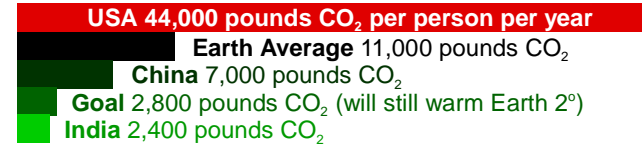
This card: **1 oz CO<sub>2</sub>**  
Mailing it: **1 oz CO<sub>2</sub>**  
For all sources please link to: [CO2List.org](http://CO2List.org)

## POUNDS OF CO<sub>2</sub>

Gallon of Gas or Equal Energy (=37 Kilowatt Hours)

<b>Electricity</b>	61 lb CO <sub>2</sub> USA average
<b>Ethanol</b>	35 lb CO <sub>2</sub> for fertilizer, land clearing
<b>Nuclear</b>	33 lb CO <sub>2</sub> mine, process, defend waste
<b>Coal</b>	30 lb CO <sub>2</sub> when used for heating
<b>Gasoline</b>	24 lb CO <sub>2</sub>
<b>Natural Gas</b>	19 lb CO <sub>2</sub>
<b>Wind</b>	4 lb CO <sub>2</sub> from construction & land clearing
<b>Solar</b>	2 lb CO <sub>2</sub> from manufacture
<b>Hydroelectric</b>	1 - 40 lb CO <sub>2</sub> from flooded plants

To:



from: [CO2List.org](http://CO2List.org), PO Box 1320, Shepherdstown, WV 25443

Just a little meat, driving, flying, buying or construction creates a ton of CO<sub>2</sub>. Keep your eye on these; they are far more important than hot water, disposable plastic bags, or unplugging equipment.

Earth's sustainable level is 2,800 pounds CO<sub>2</sub> per person per year, to limit global warming to 2.2°F (beyond the 1.4°F we've already risen).

Can we produce our current lifestyle without so much CO<sub>2</sub>?

A \$1,300 annual dividend paid to every citizen, funded by 3¢ fee per pound of CO<sub>2</sub> could reduce CO<sub>2</sub> enough (UN Development Program).

We can stop extinction of 35% of bird species, 52% of amphibian species and 72% of coral species (IUCN).

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To:

Print 2 sides on card or cover stock. Cut four 2-sided postcards