

# How Well Has The Media And Government Informed The Public About CO2 Levels In The Air?

Ask yourself, your friends, family and work associates if they know the answers to the following questions about Carbon Dioxide (CO2). Be sure to write your answers *before* looking at the following pages.

**Question 1.** What percentage of the atmosphere do you think is CO2?

**Question 2.** Have you ever seen the percentage given in any media?

**Question 3.** What percentage of the CO2 is man-made?

**Question 4.** What percentage of the man-made CO2 does Australia produce?

**Question 5.** Is CO2 a pollutant?

**Question 6.** Have you ever seen any evidence that CO2 causes a greenhouse effect?

To date I have asked over 100 people these questions. Virtually everyone said they don't "have any idea" what the answers are so I asked them to tell you what their *perception* is by what they have learnt from the media, the government and Green groups over the last 10-20 years of media on this subject related to the proposition of global warming. I let them know there is no right or wrong answer as I'm just doing a survey as to what people *perceive* the answers to be from what the media has told them. It only takes a few minutes so you may like to try it also.

Be sure not to provide the answers until you have written down all their answers. This is so you do not bias any of their answers. A form for recording respondent's answers is attached - if you would like to record this information. Do not show any expressions or make any statements that might indicate how close to reality their answers are. Remember, this is to test the media by noting what their perception is. When you provide the correct answers upon respondents completing all the answers, tell your respondents what the real percentages are and then note their response. Ask them whether they feel deceived by the media and government in this regard. I would be very pleased to receive any responses you obtain. I found all those surveyed were happy to contribute and they found the answers most informative and surprising. It also makes for an interesting dinner conversation.

**The answers to these questions is fundamental to us all to enable us to evaluate whether global warming is possible and whether there is any need for a carbon tax YET almost no one knows the facts! Without this knowledge we can't make an informed decision about whether Climate Change is natural or not.**

On the following pages are respondent's perceptions followed by the correct answers and explanations. The bulk of the respondents (over 100 to date) are educated in the range of fairly well to very well. They comprise business managers in a diversity of large and small companies, those in the medical profession, accounting, law, sales and engineering as well as scientists, trades people, students and staff working for a diversity of industries.

After providing the answers many asked what produces natural CO2. I explained that it was produced from the following: both live and decaying sea life living in the oceans, decaying plant matter (especially during fall), plants exhaling it during the day, all animals exhaling it continually, microbes in the earth and from thousands of intermittently active volcanoes on land and under the sea and from bushfires. (One large bushfire like Ash Wednesday produces more CO2 than all Australia's coal-fired power stations do in more than 20 years.)

# The QUESTIONS with ANSWERS

## Q1. What % of the air is CO2?

**Respondent's Answers:** Nearly all were 20% - 40%, the highest was 75% while the lowest were 10% - 2%.

**The Correct Answer:** CO2 is less than a mere four 100ths of 1%! As a decimal it is 0.038%. As a fraction it is 1/27<sup>th</sup> of 1%. In every 10,000 molecules of air only 4 are CO2. (Measurements for CO2 vary from one reference source to another ranging from 0.036%- 0.039%. This is due to the difficulty in measuring such a small quantity of gas whose concentration changes due to the wind direction e.g. whether the air flow is from an industrialized region, a volcanic emission area or swamp land or forests etc)

Nitrogen is just over 78%, Oxygen is just under 21% and Argon is almost 1%. CO2 is a minute trace gas at 0.038%. We were taught the composition of the air in primary and in more detail in science in high school. But because most people don't use science in their day to day living, they have forgotten this. Also, the vast bulk of the population have very little knowledge of science so they find it impossible to make judgements about even basic scientific issues, let alone ones as complex as climate. This makes it easy for those with agendas to deceive us by using emotive statements rather providing real-world facts. For a detailed breakup of the atmosphere go to:

[http://en.wikipedia.org/wiki/Atmosphere\\_of\\_Earth#Composition](http://en.wikipedia.org/wiki/Atmosphere_of_Earth#Composition)

## Q2. Have you seen a percentage for CO2 given in the media?

**Respondent's answers:** All said 'No' or they 'couldn't remember'.

## Q3. What % of CO2 do humans produce?

**Respondent's answers** ranged from as high as 100% with most estimating it to be between 75% to 25% and only four said they thought it was between 10% and 2%.

**The Correct Answer:** Nature produces nearly all of it. **Humans produce only 3%. As a decimal that is a miniscule 0.001% of the air. All of mankind produces only one molecule of CO2 in around every 90,000 air molecules!** That's all!

## Q4. What % of man-made CO2 does Australia produce?

**Respondent's Answers** ranged from 20% to 1%.

**The Correct Answer** is 1% of the 0.001% of man-made CO2. As a decimal it is an insignificant 0.00001% of the air. That's one, one-hundredth thousandth of the air. That is what all the fuss is about! That's one CO2 molecule from Australia in every 9,000,000 molecules of air. It has absolutely no affect on climate at all.

*We have been grossly misled to think there is tens of thousands of times as much CO2 as there is!*

*Why has such important information been withheld from the public? If the public were aware that man-made CO2 is so incredibly small there would be very little belief in a climate disaster so the media would not be able to make a bonanza from years of higher sales by selling doomsday stories. Governments and Green groups would not be able to justify a carbon tax that will greatly raise the cost of everything. Major international banks and the stock market would not make massive profits out of carbon trading and many in the science community would not be getting large research grants for climate related projects.*

## Q5. Is CO2 is a pollutant?

**Respondent's Answers:** All thought it was a pollutant, at least to some degree.

**The Correct Answer:** CO2 is a harmless, trace gas. It is as necessary for life - just as oxygen and nitrogen are. It is a natural gas that is clear, tasteless and odourless. It is in no way a pollutant.

Calling CO2 a 'pollutant' leads many to wrongly think of it as black, grey or white smoke. Because the media deceitfully show white or grey 'smoke' coming out of power station cooling towers, most think this is CO2. It is not: it's just steam (water vapour) condensing in the air. CO2 is invisible: just breathe out and see. Look at it bubbling out of your soft drinks, beer or sparkling wine. No one considers that a pollutant - because it's not. CO2 in its frozen state is commonly known as dry ice. It is used in camping eskys, in medical treatments and science experiments. No one considers that a pollutant either. All plants breathe out CO2 at night. CO2 is an air-borne fertilizer for plants: the more there is, the faster they grow and the less water they need. Huge quantities of CO2 are dissolved naturally in the ocean and released from the warm surface. We breathe in air with 380 parts per million and then exhale 40,000 parts per million causing no ill effects. When we breathe this into victims needing CPR, it does not cause them to die: it often revives them! Without it there would be almost no life on land or in the oceans. So you can see that CO2 is a natural gas and not a pollutant in any way. CO2 is a totally different chemical to carbon (charcoal, graphite or diamond). It is impossible for carbon to be considered a pollutant because all living things are made of it. It pollutes nothing. To say otherwise demonstrates extreme ignorance.



The two large cooling towers are emitting only steam. A tiny amount of CO<sub>2</sub> is trickling out of the thin chimney at centre. It is only barely visible due to a small quantity of smoke particles most of which is filtered out nowadays. The media doesn't like to show skinny CO<sub>2</sub> chimneys emitting nothing visible because this is unimpressive and not the least bit emotive so it doesn't make for sensationalist journalism. So they typically choose to deceive the public by showing harmless cooling towers.

### Q6. Have you seen any evidence that CO<sub>2</sub> causes a greenhouse effect?

**Respondent's Answers:** Almost all did not know of any proof. Some said they thought the melting of the Arctic and glaciers was possibly proof.

**The Correct Answer:** **There is no proof at all.** The Intergovernmental Panel for Climate Change (the IPCC) has never produced any. There are, however many proofs that CO<sub>2</sub> **doesn't** cause a greenhouse effect.

- **CO<sub>2</sub> can absorb heat a little faster than nitrogen and oxygen but it becomes no hotter** because it cannot absorb anymore heat than there is available from the Sun to the other gases. Gas molecules are constantly colliding with one another so CO<sub>2</sub> almost instantly shares any excess heat with nitrogen and oxygen. That's why the air is all one temperature in any limited volume. The greenhouse effect violates the well proven laws of thermodynamics. Physics experiments long ago proved the greenhouse effect to be a myth. See [http://wapedia.mobi/en/Joseph\\_Fourier](http://wapedia.mobi/en/Joseph_Fourier)
- The following facts show that CO<sub>2</sub> produces no measurable heating of the atmosphere – even with extremely high concentrations.
  1. **The planets Venus and Mars** have atmospheres that are almost entirely CO<sub>2</sub> (97%) yet they have no 'runaway' greenhouse heating effect. Their temperatures are stable. Venus' atmosphere is hotter than Earth's almost entirely because it is 92 times more dense, its clouds absorb far more ultraviolet light and it is 40 million kilometres closer to the Sun. CO<sub>2</sub> has no effect because Mars is bitterly cold. See <http://wattsupwiththat.com/2010/05/08/venus-envy/>
  2. **Glasshouses with high levels of CO<sub>2</sub>** (to make plants grow faster) have levels 300% or higher than the air does yet they heat up no more during the day than glasshouses with air. This is also true for bottles of pure CO<sub>2</sub> compared to those containing air.
  3. **The geological record** over hundreds of millions of years has shown that when CO<sub>2</sub> levels were tens to hundreds of times higher, this has had no affect whatsoever on climate. At times, when there were ice ages!
  4. **In recent times** when Earth was considerably warmer during the Roman Warming and the Medieval Warming, these much higher temperatures were totally natural because there was no industrialization back then.

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