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# Violating Science, WHO Changes Meaning of Herd Immunity

*In June 2020, the WHO changed its definition of herd immunity, stating the only way to achieve herd immunity is by vaccination. The new definition is inconsistent with long-established science which says herd immunity occurs when enough people acquire immunity to an infectious disease.*

By [Dr. Joseph Mercola](#)

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- WHO's definition of herd immunity long reflected this, but in Oct. 2020 it quietly revised this concept in an Orwellian move that totally removes natural infection from the equation.
- Immunity developed through previous infection is the way it has worked since humans have been alive: Your immune system isn't designed to get vaccines; it's designed to work in response to exposure to an infectious agent.
- This perversion of science implies that the only way to achieve herd immunity is via vaccination, which is blatantly untrue.
- It's all part of the Great Reset: The rollout of widespread [COVID-19](#) vaccination coupled with [tracking and tracing](#) of [COVID-19](#) test results and vaccination status are setting the stage for biometric surveillance and additional tracking and tracing.

In a shocking reversal that's akin to redefining reality, the World Health Organization (WHO) has changed their definition of herd immunity. Herd immunity occurs when enough people acquire immunity to an infectious disease such that it can no longer spread widely in the community.

When the number susceptible is low enough to prevent epidemic growth, herd immunity is said to have been reached. Prior to the introduction of vaccines, all herd immunity was achieved via exposure to and recovery from an infectious disease.

Eventually, as vaccination became widespread, the concept of herd immunity evolved to include not only the naturally acquired immunity that comes from prior illness, but also the temporary vaccine-acquired immunity that can occur after vaccination. WHO, however, quietly revised this concept in an Orwellian move that totally removes natural infection from the equation.

### **Violating science, WHO changes the meaning of herd immunity**

In June 2020, WHO's definition of herd immunity, posted on one of their COVID-19 Q&A pages, was in line with the widely accepted concept that has been the standard for infectious diseases for decades. Here's what it [originally said](#), courtesy of the [Internet Archive's Wayback machine](#):

"Herd immunity is the indirect protection from an infectious disease that happens when a population is immune either through vaccination or immunity developed through previous infection."

It should be noted that "immunity developed through previous infection" is the way it has worked since humans have been alive. Your immune system isn't designed to get vaccines. It's designed to work in response to exposure to an infectious agent. Apparently, according to WHO, that's no longer the case. In Oct. 2020, here's their [updated definition](#) of herd immunity, which is now "a concept used for vaccination":

"Herd immunity', also known as 'population immunity', is a concept used for vaccination, in which a population can be protected from a certain virus if a threshold of vaccination is reached. Herd immunity is achieved by protecting people from a virus, not by exposing them to it.

"Vaccines train our immune systems to create proteins that fight disease, known as 'antibodies', just as would happen when we are exposed to a disease but — crucially — vaccines work without making us sick. Vaccinated people are protected from getting the disease in question and passing it on, breaking any chains of transmission."

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### CDC, others retain natural infection as part of herd immunity

As of this writing, other high-profile medical organizations have not signed on to WHO's skewed definition of herd immunity. The U.S. Centers for Disease Control and Prevention, for instance, in their Vaccine Glossary of Terms, [defines community immunity](#), also known as herd immunity, as follows:

"A situation in which a sufficient proportion of a population is immune to an infectious disease (through vaccination and/or prior illness) to make its spread from person to person unlikely. Even individuals not vaccinated (such as newborns and those with chronic illnesses) are offered some protection because the disease has little opportunity to spread within the community."

The Mayo Clinic, as of Jan. 6, 2020, also stated, "There are two paths to herd immunity for COVID-19 — vaccines and infection," [noting](#):

"Herd immunity can also be reached when a sufficient number of people in the population have recovered from a disease and have developed antibodies against future infection. For example, those who survived the 1918 flu (influenza) pandemic were later immune to infection with the H1N1 flu, a subtype of influenza A."

In a 2020 JAMA Patient Page on herd immunity, Dr. Angel Desai, associated editor of JAMA Network Open, and Dr. Maimuna Majumder with Boston Children's Hospital, Harvard Medical School, also [explain](#) that herd immunity may be achieved via natural infection and recovery:

"Herd immunity may be achieved either through infection and recovery or by vaccination ... Achieving herd immunity through infection relies on enough people being infected with the disease and recovering from it, during which they develop antibodies against future infection."

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### Naturally acquired immunity is longer lasting

Public health officials often state that vaccination offers you a chance to acquire immunity to an illness without having to get sick from it. What they don't typically mention, aside from the [risks inherent in all vaccines](#), is that the resulting immunity from vaccination is not the same as that achieved via [natural infection](#).

Many vaccines do not provide long-lasting or lifelong immunity. Vaccines only confer temporary artificial immunity and sometimes they fail to do that. This is why booster shots are needed.

Barbara Loe Fisher, co-founder and president of the National Vaccine Information Center, explains [why this is so problematic using the example of measles](#):

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"We have been helping what looks like vaccine-acquired herd immunity. We never were vaccinated, but we are contributing to the concept of what looks like [vaccine-acquired herd immunity](#). When we die, you won't have that barrier anymore. They know that."

"[Vaccine-acquired immunity](#) is not the same as naturally acquired immunity. That has been the problem from the very beginning with the creation of these vaccines. They have never understood how to make vaccines mimic naturally acquired immunity exactly."

"I think the most shocking part, whenever I go into the medical literature, is understanding how much they do not know about the functioning of the immune system, about how infections confer immunity and how vaccines [stimulate artificial immunity](#)."

#### **WHO also changed the definition of 'pandemic'**

If it wasn't already clear that WHO seeks to alter reality to fit its own agendas, you may be interested to know that had it not been for [WHO changing the definition of "pandemic,"](#) COVID-19 may no longer be an issue. WHO's original definition of a pandemic from May 1, 2009, specified simultaneous epidemics worldwide "with [enormous numbers of deaths and illnesses](#):"

"An influenza pandemic occurs when a new influenza virus appears against which the human population has no immunity, resulting in several, simultaneous epidemics worldwide with enormous numbers of deaths and illness."

"This definition was changed in the month leading up to the 2009 swine flu pandemic, removing the severity and high mortality criteria and leaving the definition of a pandemic as "[a worldwide epidemic of a disease](#)."

This switch in definition allowed WHO to declare swine flu a pandemic after a mere 144 people had died from the infection, worldwide, and it's why COVID-19 is still promoted as a pandemic even though plenty of data suggest the [lethality of COVID-19](#) is on [par with the seasonal flu](#).

Another example of WHO conveniently changing former truths occurred in June 2020. During a press briefing, Maria Van Kerkhove, WHO's technical lead for the COVID-19 pandemic, made it very clear that people who have COVID-19 without any symptoms "[rarely](#)" [transmit the disease](#) to others. In a dramatic about-face, WHO then backtracked on the statement just one day later.

June 9, 2020, Dr. Mike Ryan, executive director of WHO's emergencies program, quickly backpedaled Van Kerkhove's statement, [saying the remarks](#) were "misinterpreted or maybe we didn't use the most elegant words to explain that."

#### **It's all part of the Great Reset**

The Bill and Melinda Gates Foundation, for those who aren't aware, is the [biggest funder of WHO](#), and Bill Gates, along with Dr. Anthony Fauci, director of the National Institute for Allergy and Infectious Diseases, are among those who have stated that [life cannot return to normal](#) until there is a [vaccine against COVID-19](#).

"Humankind has never had a more urgent task than creating broad immunity for coronavirus," [Gates wrote on his blog](#) in April 2020. "Realistically, if we're going to return to normal, we need to develop a safe, effective vaccine. We need to make billions of doses, we need to get them out to every part of the world, and we need all of this to happen as quickly as possible."

[Gates has even stated](#) he "suspect[s] the COVID-19 vaccine will become part of the routine newborn immunization schedule" and has gone on record saying the U.S. needs disease surveillance and a

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the people know nothing about the ruling elite while every aspect of our lives is surveilled, tracked and manipulated for their gain.

The rollout of widespread COVID-19 vaccination coupled with tracking and tracing of COVID-19 test results and vaccination status are setting the stage for biometric surveillance and additional tracking and tracing, which will eventually be tied in with all your other medical records, digital ID, digital banking and a social credit system.

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### Have some areas achieved herd immunity to COVID-19 naturally?

What if COVID-19, which causes only minor symptoms in the majority of people — and causes no symptoms in others — has already spread throughout communities such that natural herd immunity exists? WHO quickly dismisses this possibility, [stating](#):

“Attempts to reach ‘herd immunity’ through exposing people to a virus are scientifically problematic and unethical. Letting COVID-19 spread through populations, of any age or health status will lead to unnecessary infections, suffering and death. The vast majority of people in most countries remain susceptible to this virus. Seroprevalence surveys suggest that in most countries, less than 10% of the population have been infected with COVID-19.”

This contradicts data suggesting that some areas may already have reached the herd immunity threshold (HIT). According to The New York Times, more than a dozen scientists said in interviews that the HIT for COVID-19 is likely 50% or lower. “If that’s true, then it may be possible to turn back the coronavirus more quickly than once thought,” [the Times reported](#), and perhaps without the need for a vaccine.

Herd immunity is [calculated](#) using reproductive number, or R-naught (R0), which is the estimated number of new infections that may occur from one infected person. R0 of below 1 (with R1 meaning that one person who’s infected is expected to infect one other person) indicates that cases are declining while R0 above 1 suggests cases are on the rise.

It’s far from an exact science, however, as a person’s susceptibility to infection varies depending on many factors, including their health, age and contacts within a community. The initial R0 calculations for COVID-19’s HIT were based on assumptions that everyone has the same susceptibility and would be mixing randomly with others in the community.

“That doesn’t happen in real life,” Dr. Saad Omer, director of the Yale Institute for Global Health, [told The Times](#). “Herd immunity could vary from group to group, and subpopulation to subpopulation,” or [other factors](#).

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Researchers from Oxford, Virginia Tech and the Liverpool School of Tropical Medicine [are among those that found](#) when individual variations in susceptibility and exposure are taken into account, the HIT [declines to less than 10%](#). By that number, and using WHO's estimate that less than 10% of the population has already been infected, the HIT could already be met or quickly approaching — all via naturally acquired immunity.

*Originally published by [Mercola](#).*

*The views and opinions expressed in this article are those of the authors and do not necessarily reflect the views of Children's Health Defense.*

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**Dr. Joseph Mercola**

Dr. Joseph Mercola is the founder of [Mercola.com](#).

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**kris** • 5 months ago • edited

many people in the sf bay area back in november of 2019 got very sick. we knew this was worse than a normal flu, but most of us did not rush to the hospital. we stayed home, and did homeopathic medicine like sinus rinse etc.

we didnt know there was an outbreak in china at that point... we didnt know that our spy organizations knew there was an outbreak in china! basically, we hadn't been instructed to panic. the sf bay area has a pretty good culture of homeopathy... a lot of people support the organic movement, and are aware that taking too many antibiotics is counterproductive. most of us don't run to the doctor when we have a cold or a flu because we know they dont have a cure, and we dont want to get everyone at the hospital sick!

when they tried to make everyone panic and lockdown in march, my reaction was to run out and get another essential worker job. i already saw people get sick in november. i saw almost

[see more](#)

6 • Reply • Share



**Alborz** ➔ **kris** • 5 months ago

I experienced the EXACT same thing here in Melbourne Australia. It was around Nov/Dec 2019 and after doing some activism work in the city (in a hugely populated area with many chines Australians) I and my girlfriend and entire family got very sick. It felt like a super flu, I usually don't get sick but when I do I recover quickly. This still took about a week to get over, but eventually we all got over it and made full recoveries. Then once the fake news broke about the outbreak in China, and people were told to panic, I and many others who had experienced this mystery illness knew that it was already here and doing the rounds. After that it became quite obvious that everything they said was a lie, and they were simply pulling numbers from their asses to induce panic.

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**Anti** • 5 months ago

The World Health Organization, is nothing more than a paid crooked IGNORANT set of paid people to act on GATES Eugenic dictates, it needs getting rid of !  
Perhaps if they employed EAL Health people they would know NATURE has kept us safe from communicable diseases by our GOD GIVEN IMMUNE SYSTEM, not by some freaks idea of Biological Injections which are causing the body to KILL ITSELF...

5 ^ | v • Reply • Share >



**Eeezumblogspot** • 5 months ago

It just keeps getting sicker... These people are detestable, depraved, and vile by nature. They have sold their souls, and unless we develop a viable defense; I image their actions will cause suffering and death, (globally) on a massive scale as planned... They are openly attempting to reduce the human population and dominate whoever remains.

4 ^ | v • Reply • Share >



**Henry Longstop** • 5 months ago • edited

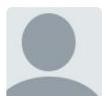
I have a lot of respect for Dr Mercola's work, and I'm pleased to see CHD value his point of view enough to include his articles in their Newsletter.

However I do wish he would stop trying to pack every piece of contrary information into every article. If he is talking about "herd immunity" (as here), stay on topic. Keep it short, referenced, and accurate. It is counter productive to start throwing in all the 'Great Reset' stuff at every opportunity, sounding like a hysterical 'conspiracy theorist' anxious to make a point.

The opposition exaggerates and confabulates the truth, drowning argument with the sheer weight of collective information and scientific effort. This side of the argument should remain calm and dignified, making its points clearly and confidently. That's why I like Mr Kennedy's contributions so much.

Have no fear. If people resonate with the message they will seek out all the rest of the information for themselves. They will 'get it'.

3 ^ | v • Reply • Share >



**guest** • 5 months ago

The WHO & CDC are just taking advantage of the current climate to make this move to increase vaccine uptake considering their disastrous exposure last year that went viral. Many people were shocked by what they heard. If you haven't

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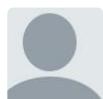
I recall an paper by Dr.Tetyana Obukhanych,  
**HERD IMMUNITY: CAN MASS VACCINATION ACHIEVE IT?**

Herd Immunity, in Theory and in Reality

Herd immunity is not an immunologic idea, but rather an epidemiologic construct, which theoretically predicts successful disease control or viral eradication when a certain pre-calculated percentage of people in the population becomes immune. A [scholarly article on herd immunity states \[1\]](#)

[see more](#)

2 ^ | v • Reply • Share >



**Mary** • 5 months ago

The lies are so astronomical and ridiculous. If only we could all just ignore the deceptive rhetoric and get on with our lives.

Common sense tells us hiding away from a virus or injecting our bodies with experimental biologics is ludicrous. I for one am getting really sick of the BS. Life is a gift and short enough without these psychos trying to control the world.

2 ^ | v • Reply • Share >



**Pam** • 5 months ago

"Seroprevalence studies suggest that in most countries less than 10% of the population have been infected with covid-19," says WHO. Isn't this directly opposite of what they've been telling us that this virus is soooo virile and contagious that just one person can infect an entire city. How are so many allegedly testing positive if only 10% are infected? WHO can't keep their story straight. Where's the pandemic?!

1 ^ | v • Reply • Share >



**Jon Dough** ↗ Pam • 5 months ago

EXACTLY....

and totally opposite to common sense also....

But the "Rabbit Hole" is alot deeper than that 10%

As I posted on another page here on CHD...

"the FDA stated that as much as 70% of the (so-called,) cases were (and still are,) tested with antivivial / antibody test that are 70% FALSE Positives. (my words in parenthesis!)

And since the so-called Reported cases were, and still are 70% FAKES, (definition of "false positives,) than that WHO's back in OCT, 2020, of their "10% not tested via "blood work tests". than if you factor in "70% into the 10%

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has the virus in it (small amounts, maybe for some, and

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[see more](#)

1 ^ | v • Reply • Share ›



**Pam** ➔ Jon Dough • 5 months ago

You're a good communicator and help make the math interesting:) keep spreading the word! I think people are sleeping because they don't know there's more to know - however, where is common sense?!!

1 ^ | v • Reply • Share ›



**Jon Dough** ➔ Pam • 5 months ago

WOW.... Thanks for that, . . .  
since I thought is was just being sarcastic!  
LOL!

FACT:

The US of A has a RF limit 100 times HIGHER than of 90% of the rest of the world, so "Common Sense" has been FRIED out of most people, who can't think that vaxxes, and Sell-u-a-liar phones, wifi are actually RF Radiation de-vices, which have medically and scientifically been proven to have 122 Known Side Effects ,

Duckduckgo..... "Navy Medical Research Institute 1972 PDF" (do the search,) makes GREAT handouts in just 3 double sided pages.

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[see more](#)

1 ^ | v • Reply • Share ›



**Jon Dough** ➔ Pam • 4 months ago

Thank you!!! But I cheated and used a calculator! LOL!

Check out "Jose Rodriguez Delgado," search, and see why most don't have any "common sense," .... "now a days," by the majority of the people!  
It's kind of a covert, electronic, manipulation situation!

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we do not ask the questions that need to ask. We have laid our trust completely in those in power or someone with a title behind their name. People conditioned blindly believing in things simply because enough people assured us it was true. Infectious diseases have been irradiated but chronic diseases are the new black plague of our modern time. This book is profoundly personal as it represents a mission brimming with meaning. As I reflect on extraordinary truths about our nation's health history, current, and future, I also offer you wisdom, knowledge, and understanding. We must stop the atrocities if we want to become a healthier nation in the future. We must stop the atrocities if we want the human race to survive. I hope my voice and advocacy will continue to help lead the way and this book will make changes for current and future generations to come. No, I simply do not have all the answers but I have written plenty in this book to make you start questioning **EVERYTHING**.

<https://www.amazon.com/dp/B07K2V3P3L>

1 ^ | v • Reply • Share >



**MICHAEL** • 5 months ago • edited

To break with tradition, we should listen to Zach Bush talk about COVID - a virus like any other virus that is used to advance humanity - whose gut composition is virus - we are intended to do nothing but interact with it for our own evolution. Humanity and virus' interact to normalize our health and world population. Vaccines and other remedies are anti-evolution.

1 2 3 4 5 6 7 8 9 10 11 12

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