CAFOs - Farm Animal Cruelty by Design

A concentrated animal feeding operation (CAFO) is designed and operated in a way inherently cruel to farm animals. The underlying design principle is *intensive confinement* -- the cramming of large numbers of hapless animals into enclosed spaces. The primary purpose is the *minimization of production costs* and *maximization of profits*. The consequences of these design and operating features are listed below with links to our *CAFO Horror Stories* describing particularly egregious examples of CAFO animal cruelty.

High stress on farm animals is created by their inability to express natural behaviors on concrete or dirt floors in tightly confined spaces. Mother pigs (sows) are often confined in "crates" preventing them from even turning around. Hens are kept in tiny cages in egg factories. CAFOs are filled with an overpowering stench of ammonia, hydrogen sulfide and other odorous emissions from feces and urine buildup from thousands of animals. Most of these animals are denied access to fresh air and sunshine for their entire lives.

Sows in Gestation Crates



Photo by iStock.com/acceptfoto

Egg-laying hens are usually so tightly confined in "battery cages" that they cannot open their wings or even turn around fully. Because no federal welfare law covers farmed animals any such regulation depends on state governments. While ten states currently have implemented battery-cage related laws, more than 75% of egg-laying hens live in states with little-to-no welfare protections.

Caged Hens in an Egg Factory



Photo by iStock.com/chayakorn

High levels of disease transmission. High stress, close proximity, and near identical animal genetics in CAFOs lead to high death rates due to the rampant spread of infectious diseases. Iowa State University estimated in 2018 that 30 to 35% of pigs die before they reach market, and this mortality rate has been increasing. The industry uses antibiotics to keep some animals alive in the filthy conditions of CAFOs, but that creates a problem for human medicine, and they don't work on viruses. When infected by certain viruses, the entire population of animals in a CAFO may be killed in a cruel manner to prevent further spread. In March of 2022, **5.3 million hens** were "culled" at an egg factory in lowa. CAFOs are also a potential reservoir for human disease pandemics.

Mutilations, forced impregnation, and separation of mother and offspring. To reduce fighting in tight, confined conditions, bodily mutilations are commonly performed on livestock animals, almost always without any pain relief.² Calves and piglets are castrated, chickens are debeaked, cows are branded and dehorned, piglets have their teeth clipped, and pigs' and cows' tails are docked. Animals used for breeding, along with dairy cows, are subject to repeated forced impregnation throughout their lives. Offspring are often separated from mothers within hours, days or a few weeks of birth, causing stress for both the mother and babies. Repeated cycles of impregnation, birth, and milk production take a heavy toll on the animals' bodies, often considered "spent" at a fraction of their normal life span.3 The egg industry claims to want to eliminate the cruel killing of male chicks but so far hasn't followed through at scale.4 Due to consumer concerns, the CAFO industry is slowly moving to reduce some of these practices but there is little or no government oversight to assess progress.^{5,6} In general, it seems these animals are viewed as nothing more than units of production rather than living creatures worthy of respect and compassion.

Barn Fires and Explosions. Over the past decade the Animal Welfare institute has documented a large number of fires and explosions in CAFO buildings that occur each year. When these accidents occur in large poultry, hog and dairy CAFOs that intensively confine tens or even hundreds of thousands of animals,

the death and destruction can be enormous due to the inability of operators to remove the animals before they burn to death or die from smoke inhalation. CAFOs are so highly automated that there is usually no one around when the fire breaks out, and terrified animals become hard to handle. When known, the cause is almost always related to sparks from defective wiring, instruments or machinery in the building. Fire suppression sprinklers are not required in CAFOs. Frequently firefighters must use tankers to haul in water from distant ponds or streams to fight the fires. CAFOs in rural areas frequently are located well beyond the reach of municipal fire hydrants. In one recent case some 18,000 dairy cows died in a massive explosion in Texas.

Some news stories of CAFO barn fires cite the intensity of these fires and how rapidly they spread. Hogs and dairy cows are fed rich diets to speed growth or to increase milk production. Thus, a huge amount of manure is produced. All this manure bubbling in liquid impoundments generates what is known as manure gas, a noxious mixture of hydrogen sulfide, ammonia, carbon dioxide, methane and odorous organic compounds some of which are flammable.

In "deep pit" hog CAFO designs where the manure percolates under the animals for extended periods before being pumped out, the buildup of highly flammable methane is a known explosion hazard. The powerful fans needed to expel the hazardous gases in CAFOs provide perfect conditions for fire. It is perhaps no surprise why hog CAFO fires become so intense. Canada's *Farm Animal Councils* published a fact sheet for first responders that noted, "Pigs are highly flammable."

Heat Stroke and Mass Suffocation are lesser-known consequences of intensive confinement technology. On July 7, 2007, 850 sows died from heat stroke and suffocation at a swine CAFO near Concordia, Missouri due to a mechanical failure. During heatwaves in the summer of 2011, a power failure stilled ventilation fans in a CAFO, and 2500 hogs died of heat stroke. At a CAFO in Southeast Kansas more than 4000 turkeys died after temperatures hit 105 degrees F even with fans working, and thousands of cattle died in outdoor feedlots in several states. Outdoor cattle feedlots, holding thousands of animals, can also present inhumane conditions. In hot weather with no shade, the cows stand on dirt or dried manure that absorbs much more heat than would grass-covered ground if the cows were on pasture. Pastured cows could also move under the shade of trees or find pond or stream water.

Animals in CAFOs can suffer carbon dioxide poisoning and asphyxiation when the ventilation system fails. So many animals are crammed together in an enclosed space that they deplete the available oxygen. This occurs frequently enough that operators can buy specific insurance coverage.¹²

Animal suffering during long transports. CAFO animals are also *intensively* confined when they are shipped long distances in trucks to slaughter in huge, regional slaughter plants. Piglets are increasingly being shipped very long distances to "grower CAFOs." Animals can freeze to death or may be frozen to the walls of trailers during transport in winter conditions. During the summer,

animals can die in transport due to heat stroke or dehydration. In the US, pigs can be transported for 28 hours without access to food water or rest. In Michigan in 2019, many hogs died while waiting to be offloaded in the brutal winter weather conditions. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be transported for 28 hours without access to food water or rest. In the US, pigs can be used to be offloaded in the brutal without access to food water or rest.

Intensive Confinement is Not New. One of the authors of this fact sheet once gave a presentation on CAFOs at a local college. A young woman In the front row commented that these CAFO's reminded her of the slave ships that brought her ancestors over from Africa. It was a stunning revelation confirmed by an old design drawing of a slave ship found on the internet, perhaps the first instance of *intensive confinement* on a large scale.¹⁵

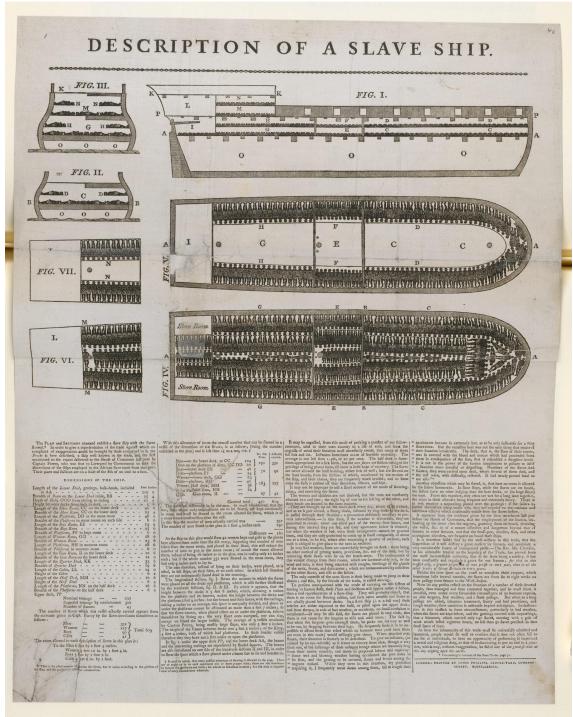


Image from British Library¹⁵

CAFOs are inherently immoral. How we treat the animals we eat is perhaps the greatest measure of our worth and dignity as a sentient species. That is, we have the power to be cruel, but can choose not to be.

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