

Food Nation



POLLUTION

Factory farming is one of the largest producers of greenhouse gas emissions and ground pollution in America.

Since the industrial revolution factory farming practices have been left unchecked in American and has cause large amount of damage to the enviorment.

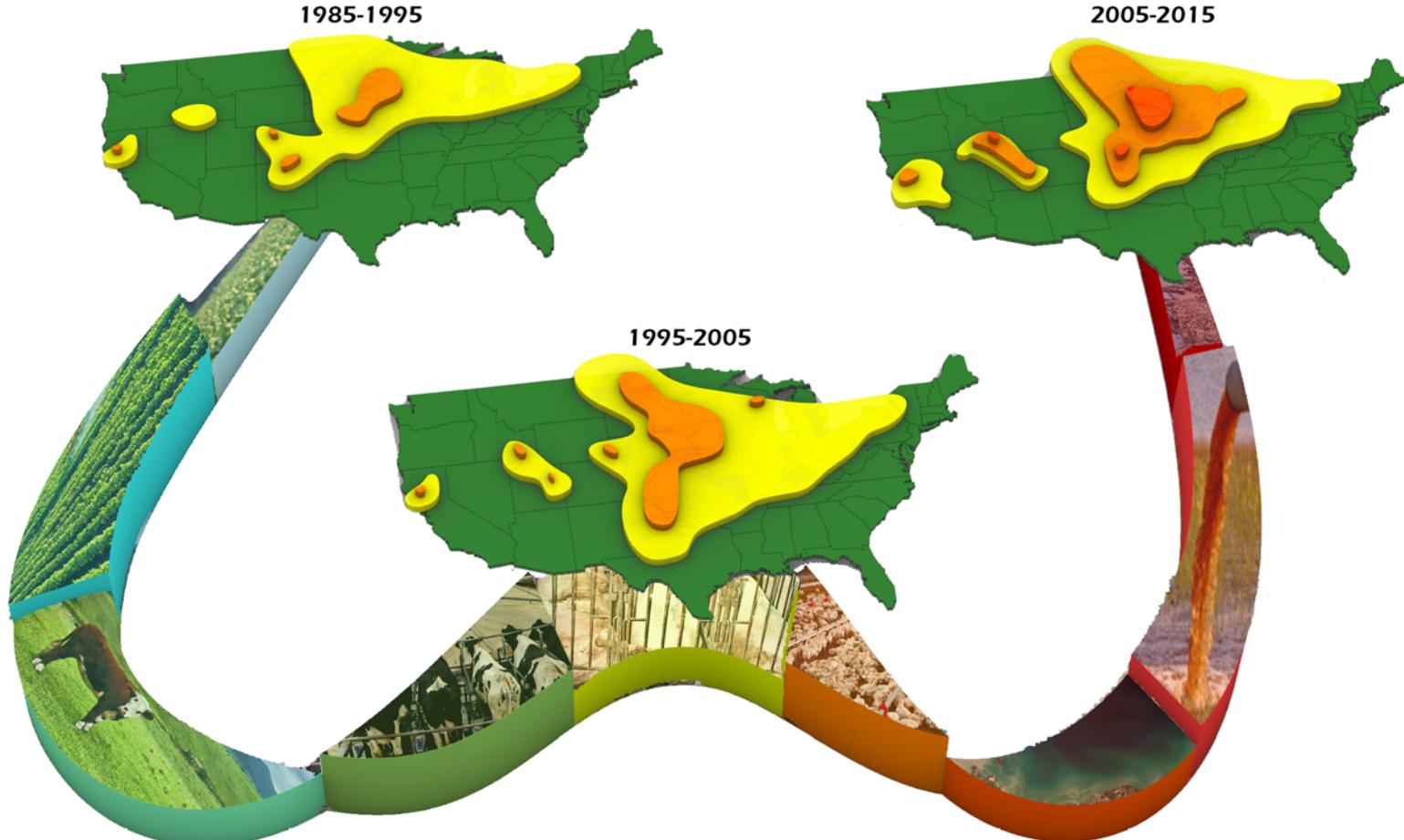
Organic farming is a more ethical farming practice and is much safer for the enviorment.

However organic farming still has some negative effects on the enviorment.

FACTORY FARMING EMISSIONS

The largest problem with factory farming is the green-house gas emissions it produces.

These gases being methane, carbon dioxide, and dinitrous oxide. All of which lead to increased global temperature and humidity.



ORGANIC FARMING WATER POLLUTION

Organic farming does produce some forms of pollution, and is not a perfect solution to factory farming.

One of the main forms of pollution produced by organic farming is nutrient runoff.

Since organic crops require extremely nutrient rich soil, the nutrients eventually runoff in neighboring water systems this cause algae overgrowth and deoxygenates the water.

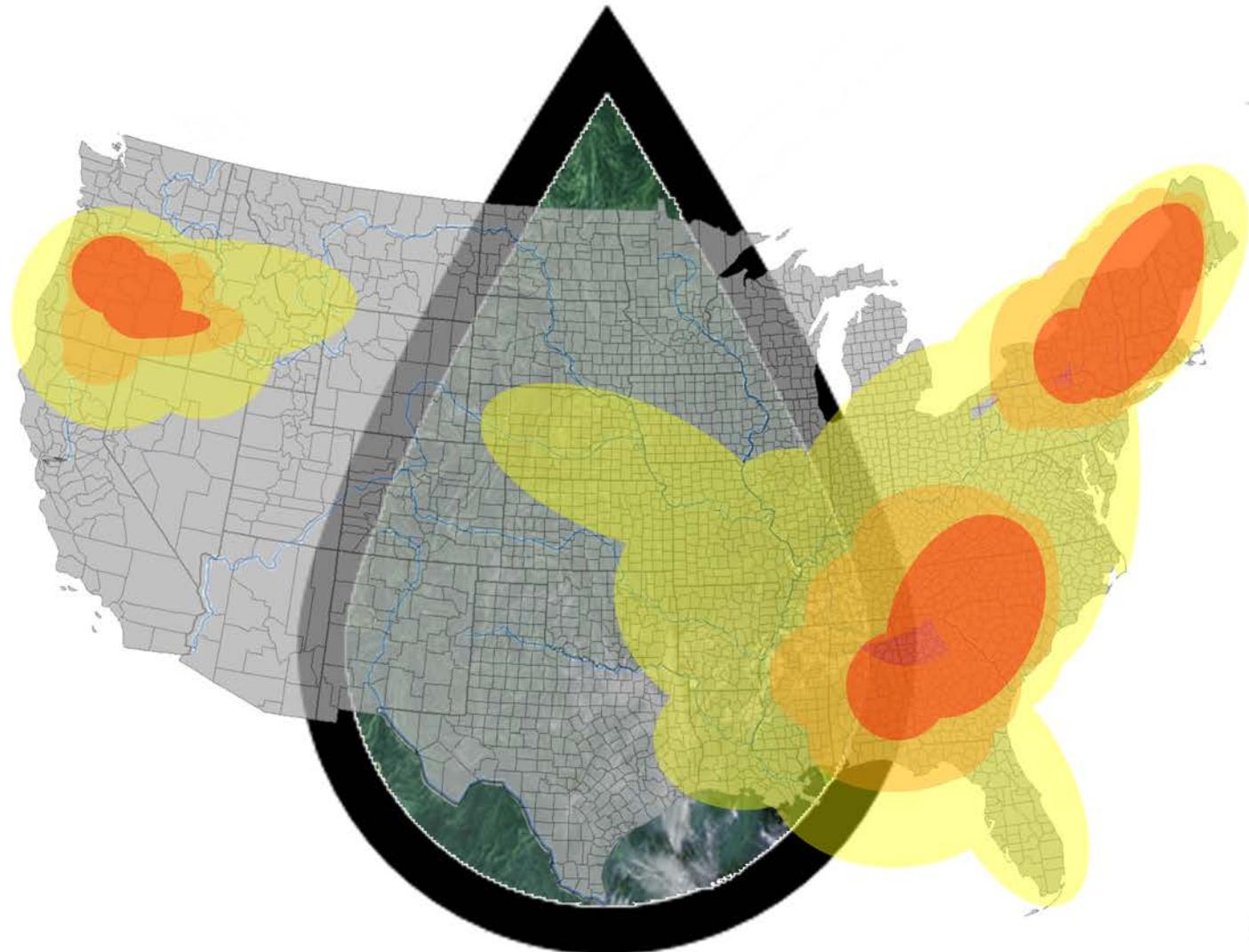


ORGANIC FARMING SOIL ACIDIFICATION

Organic farming has another major impact on the environment that being soil acidification.

Since organic crops require more nutrients to grow they require more nitrate to grow. The crops siphon the nitrate from the soil leading to the overall acidification of the soil.

This makes subsequent crops and plant life harder to grow in this area.





FOOD PRODUCTION

Despite public outcry to hinder factory farming it is still the largest source of food for America.

Factory farming is widely considered to be a unethical and environmental harmful agricultural practice.

It however still makes up the vast majority of farms in America, between 70% to 99.9% of all meat production in America come from factory farms.

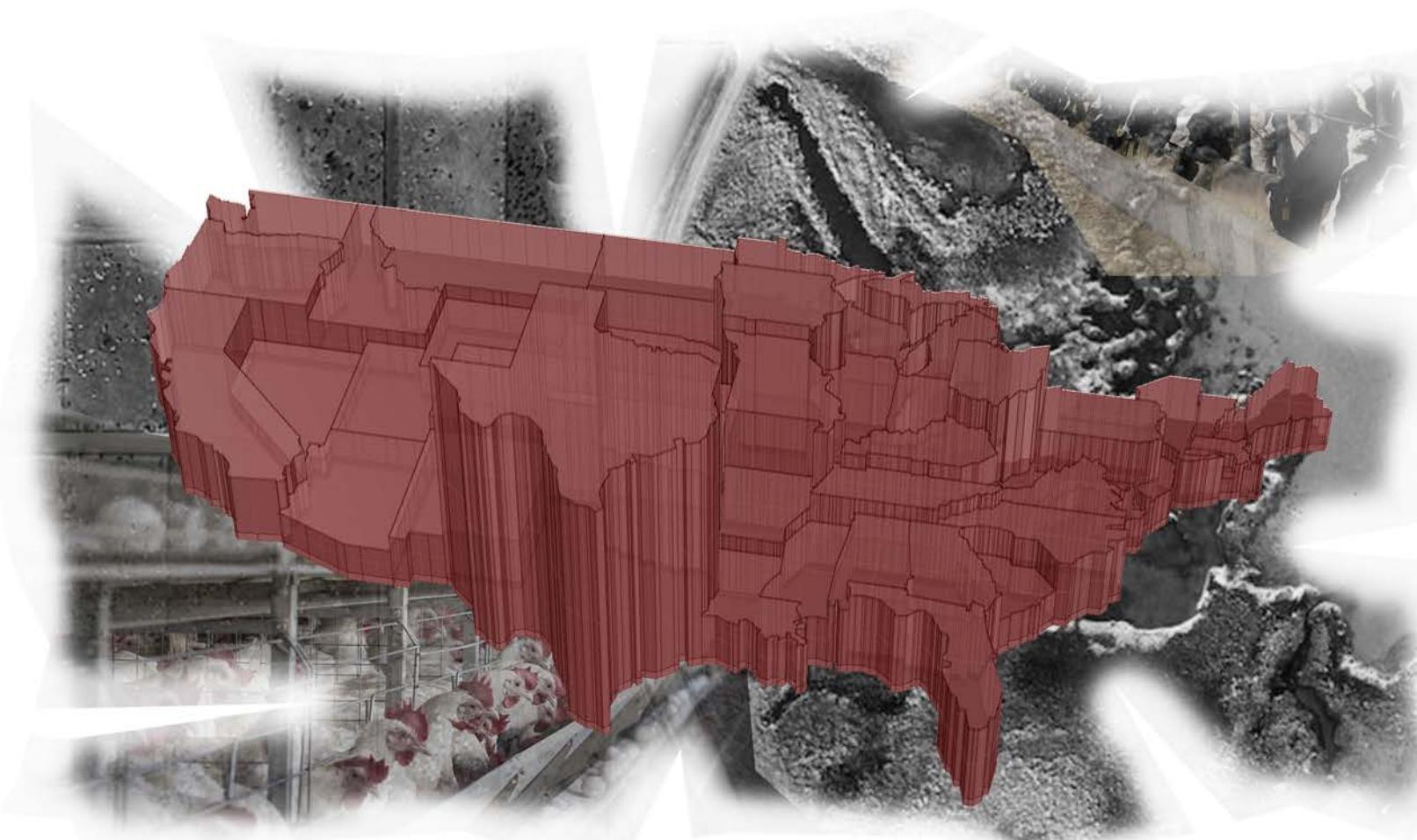
Organic farming has become more popular over the recent decades however it still is no where close to factory farming in scale.

MOST AGRICULTURAL SPACE IN AMERICA ARE FACTORY FARMS

Most of these farms are concentrated around central America.

Most consumers do not realize just how large factory farming is 98% of all livestock live on factory farms.

Most consumers however believe they are not buying from factory farms but in reality the vast majority of meat products are produced there.

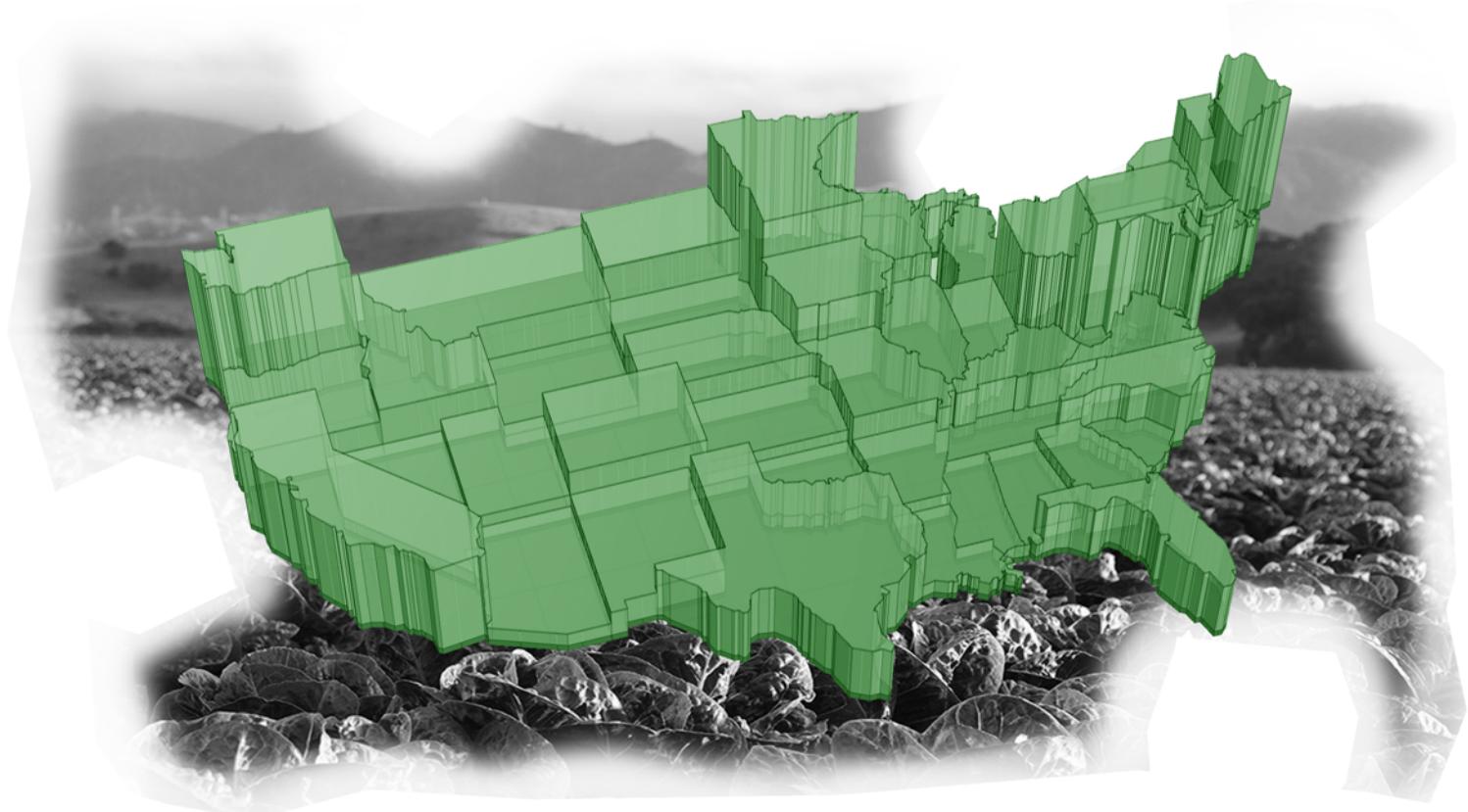


ORGANIC FARMING IS GROWING IN AMERICA

Organic farming has been steadily growing in America as consumers are become more conscience of where their food comes from.

While still no where near as close to the size of factory farming there is a ever increasing demand for organic food.

Most organic farms are clustered around the coasts of America with some in the center.

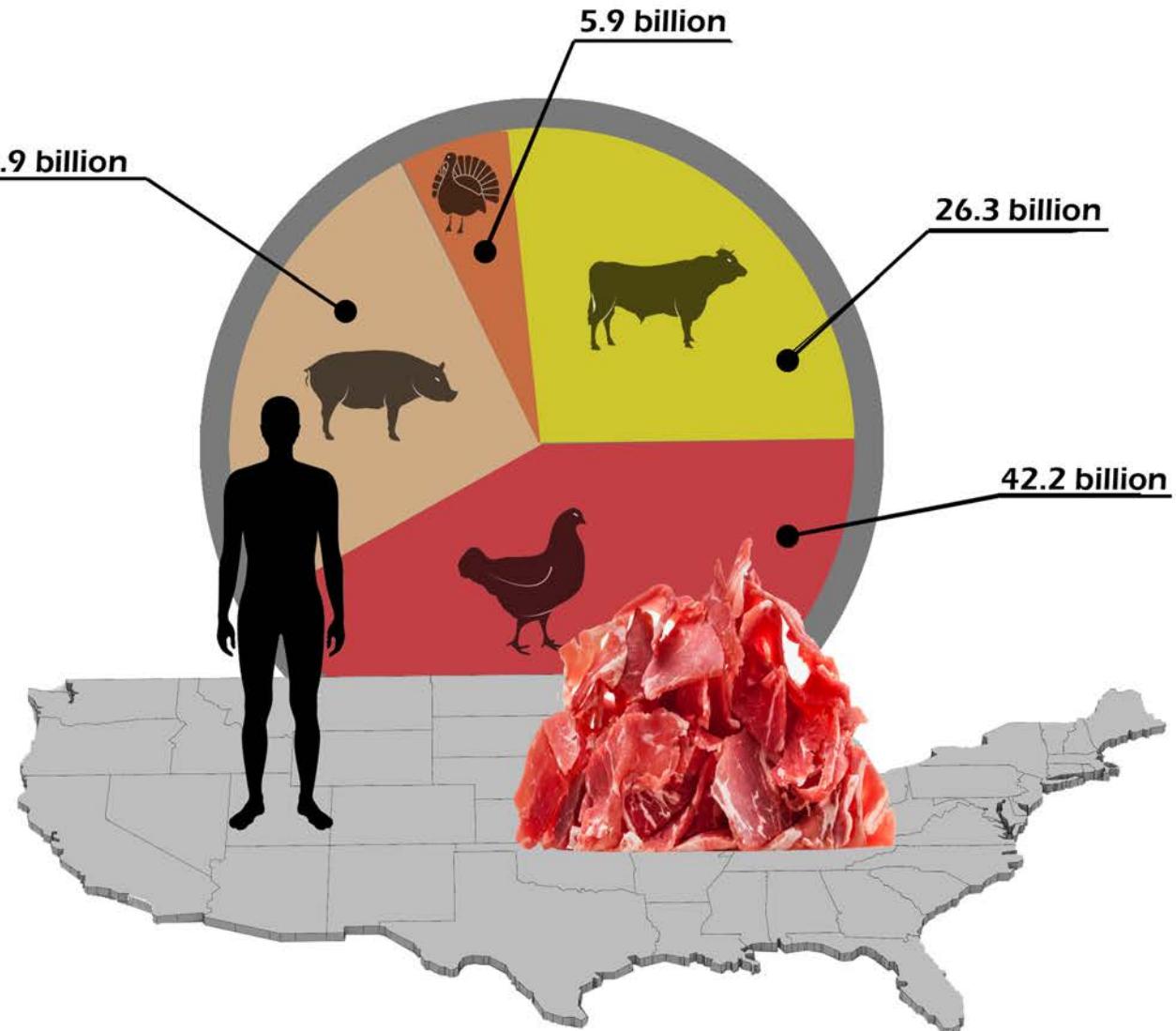


THE DEMAND FOR MEAT IS STILL HIGH

Factory farming is so successful due to the extreme demand more meat products in America.

The average America will eat over 200 pounds of meat a year, and in total the entire population will consume over 100 billion pounds of meat in one year.

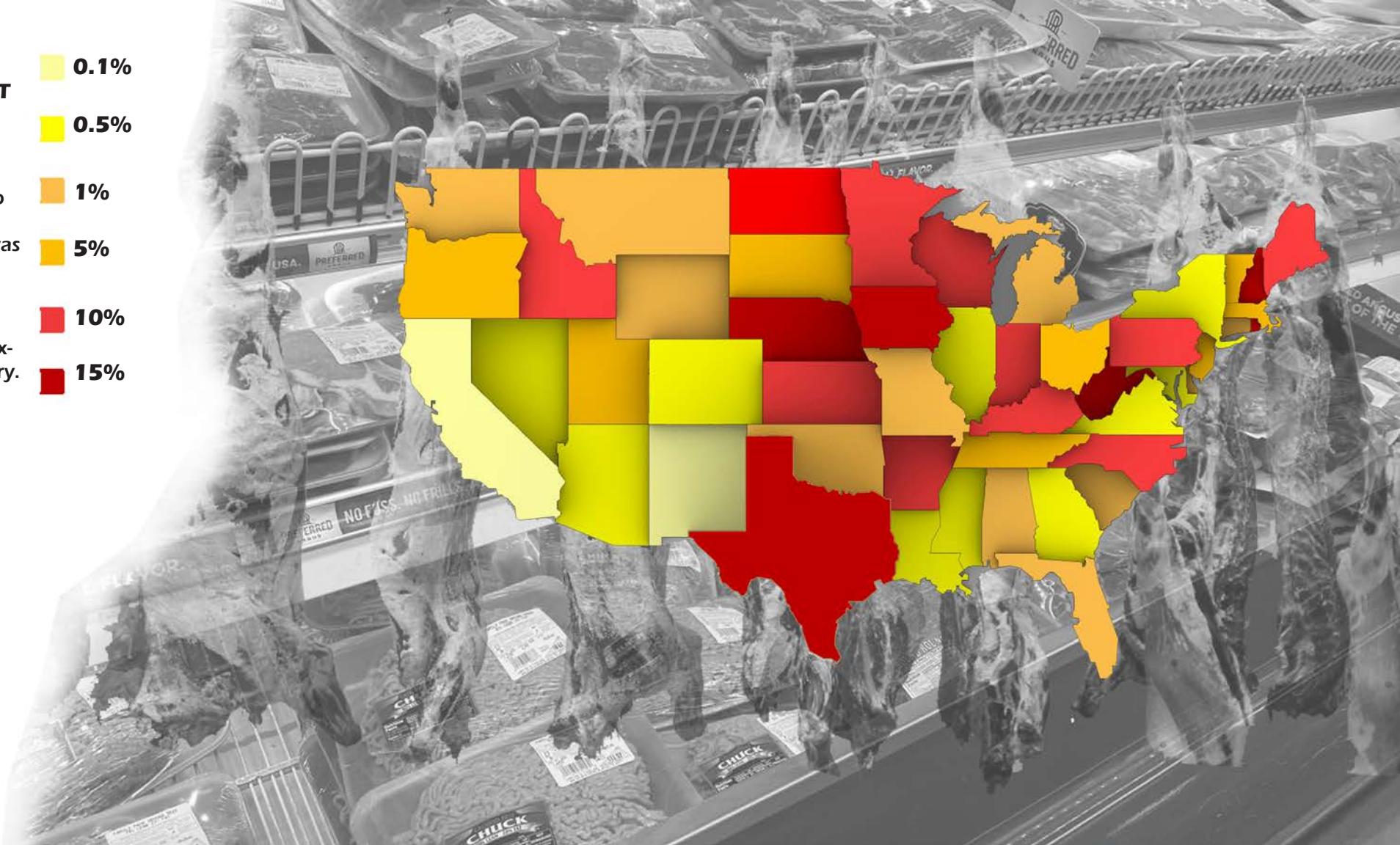
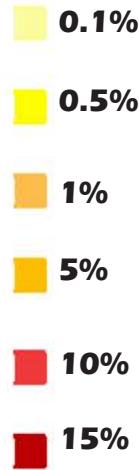
A simple explanation on why factory farming is so successful is because it currently is the only way to see to the demand for meat in America.



THE STATES THAT PRODUCE THE MEAT ALSO BUY IT

The largest producers of meat in America keep a large amount of their product in the state it was produced in.

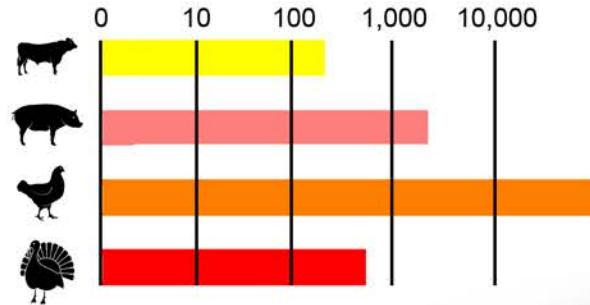
While only a portion is sold to other states or exported out of the country.



FACTORY FARMS SHIP TO COMMERCIAL GROCERY STORES

It is mostly commercial stores buy eat from factory farms.

Large scale farms almost exclusively sell to large scale stores in America.



America is slowly moving in the right direction towards safer and more ethical practices

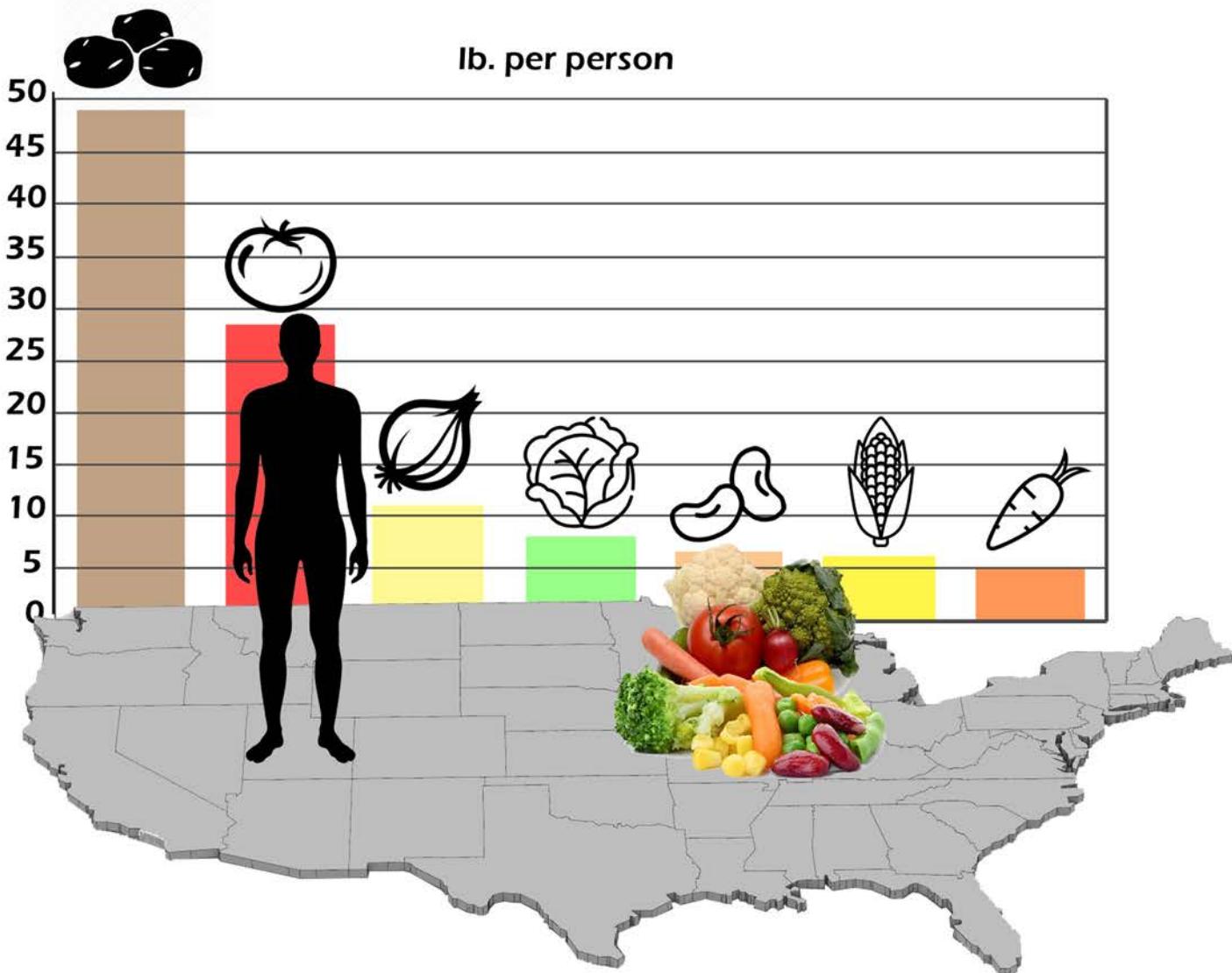
More people are buying from organic farms across the country and moving away from factory farmed goods.

Americans are beginning to consume less processed meat products and move toward a more organic crop and meat products.

AMERICANS ARE BUYING MORE VEGETABLES

While experts still believe that Americans need more greens in their diet Americans consume more vegetables than ever.

the Average American will consume over 100 pounds of vegetables per year.



ORGANIC FARMING IS GROWING IN AMERICA

Farmers in America are moving towards organic farming practices.

Every year organic farming becomes more profitable and popular causing some farmers to turn organic.

100

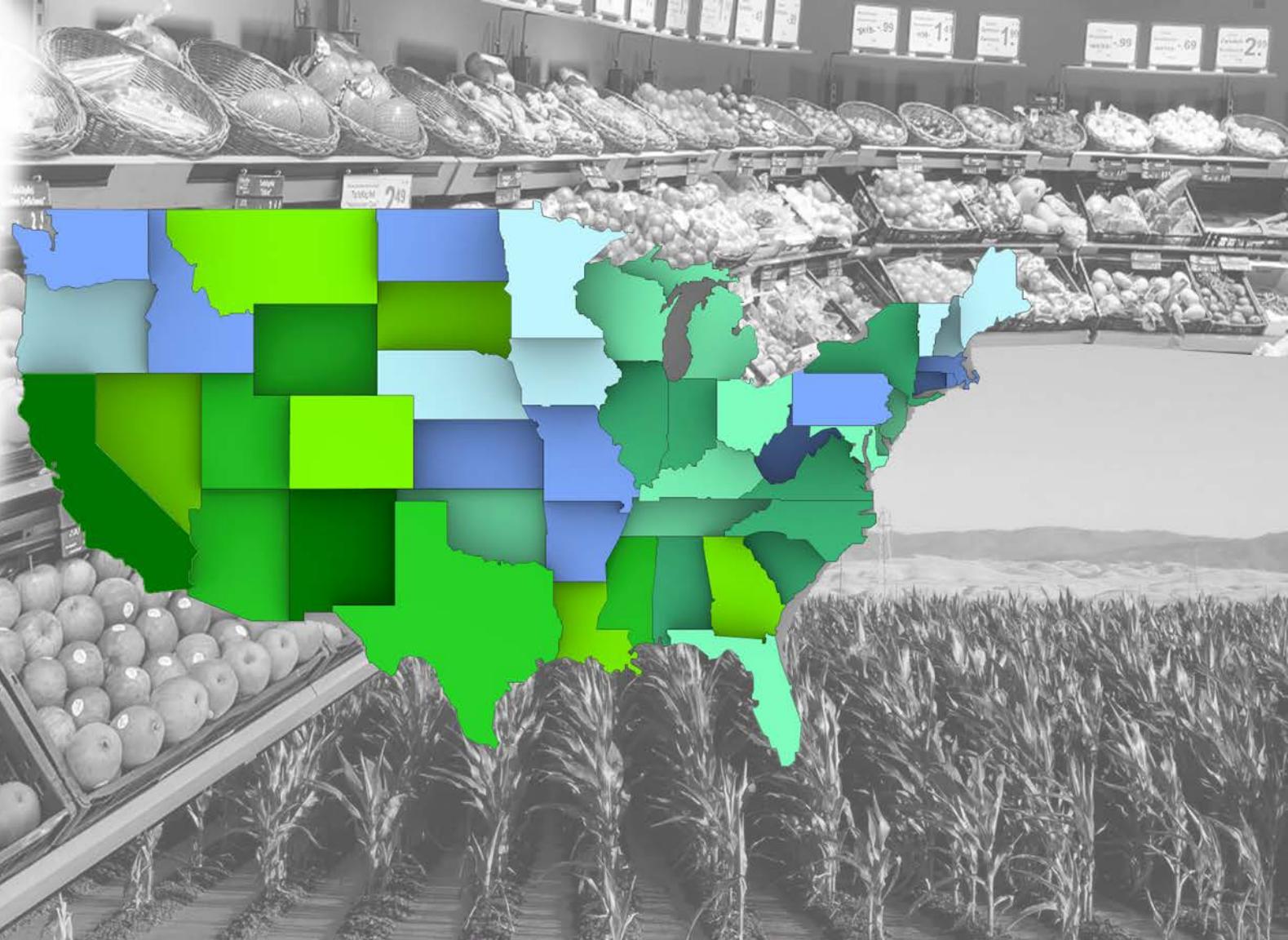
500

800

1,000

1,500

2,500



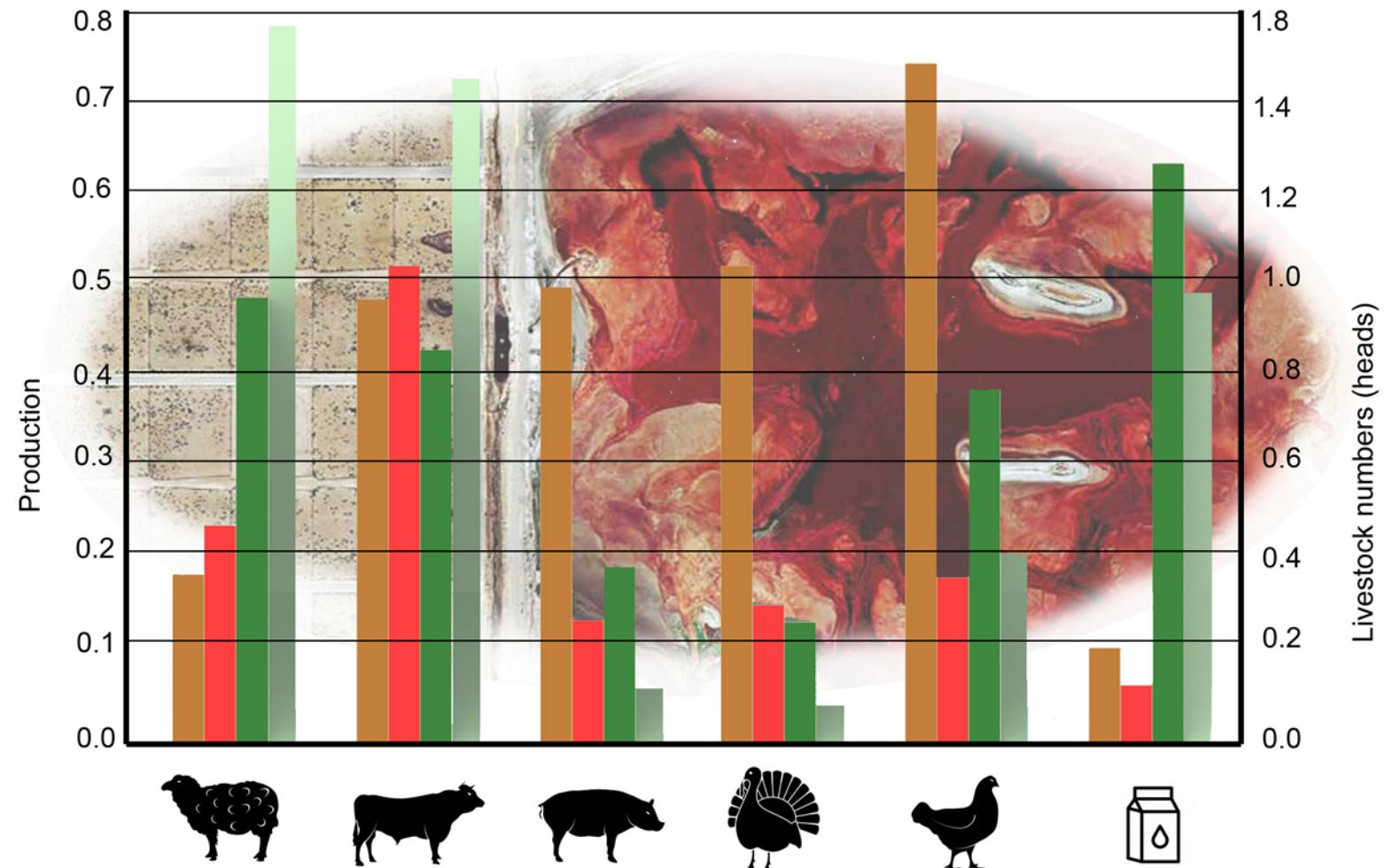


ORGANIC FARMING IS MORE PROFITABLE

If both factory farming and organic farming were equal in size organic farming would be much more profitable.

Even with organic farming small size it produces more than factory farms of similar sizes.

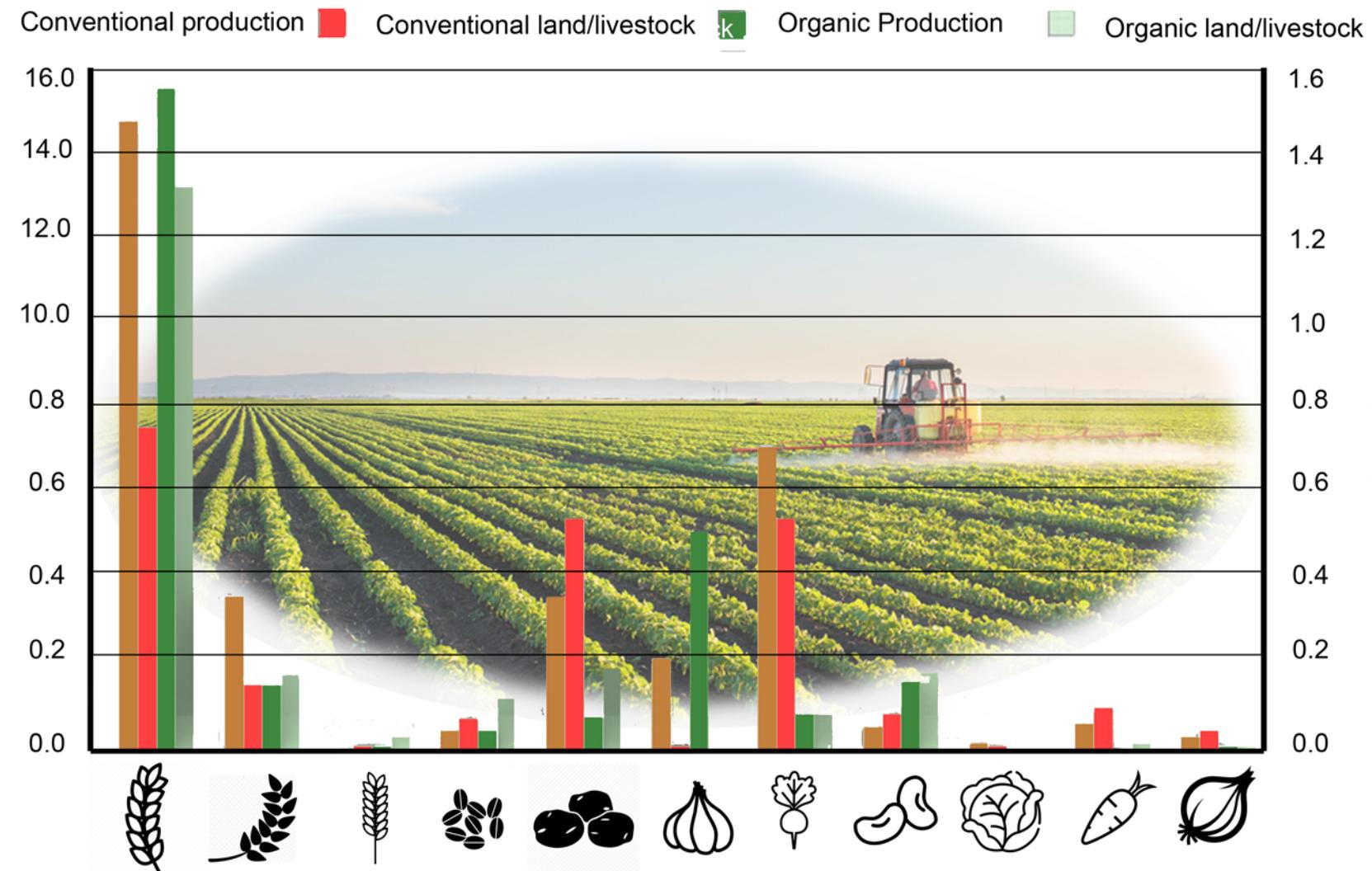
Conventional production Conventional land/livestock Organic Production Organic land/livestock



ORGANIC FARMING IS MORE PROFITABLE

When it comes to crops organic farming uses about the same amount of land as conventional farms while producing more food.

If both types of farms were equal in size organic farming would be the more profitable practice.





FARM TO TABLE

A popular growing trend in America is the farm to table movement.

Farm to table is not a new movement but has gotten significantly more popular in recent years.

I consists of local stores or consumers buying directly from trusted local farms to support the community and allows consumers to know exactly how their food is produced and from where.

FARM TO TABLE AND FOOD SECURITY

Farm to table aims to ensure that a community has easy to access, safe, healthy, and environmentally safe food for a community acquired from local trusted farms.

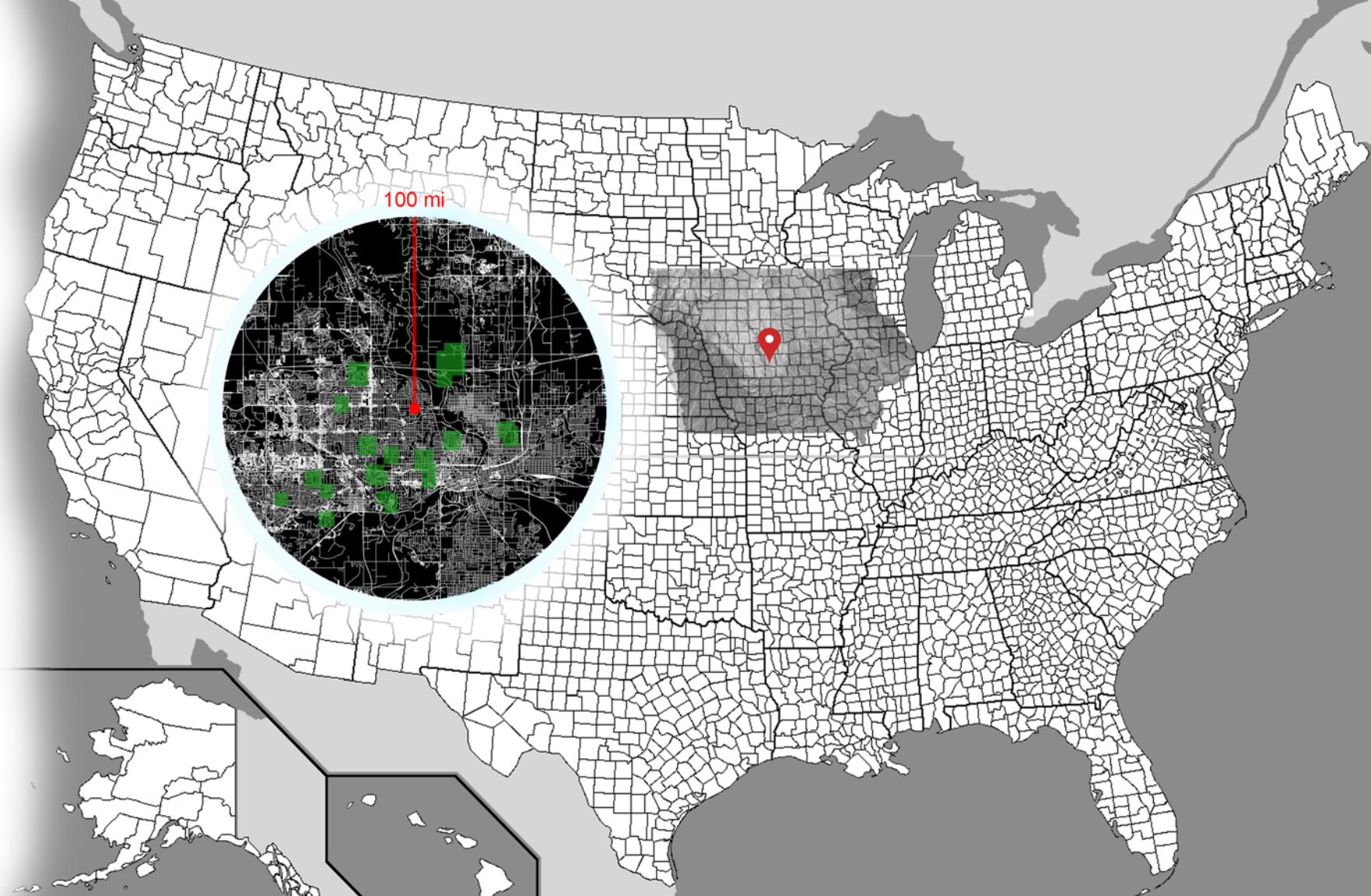
It hopes to create a more sustainable way of procureing food for a communitie to support it and allow it to grow.



ORGANIC FARMING AND THE LOCAVORE

A locavore is someone who acquires their food from local farms and bushiness to support their communities.

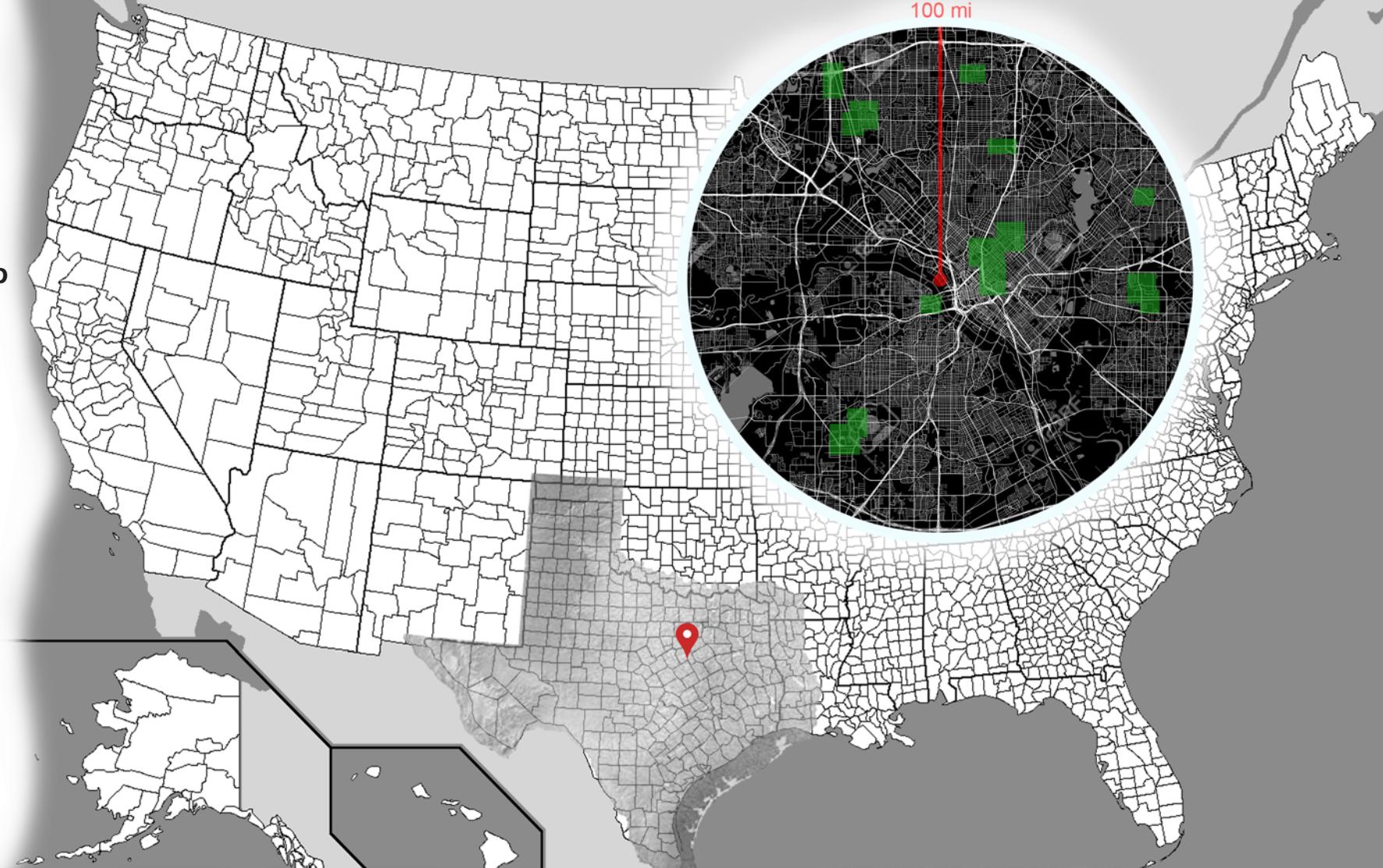
In a sense a locavore is someone who participates in the farm to table movement and encourage other people to do the same.



ORGANIC FARMING AND THE LOCAVORE

In areas with large amounts of farmland it is beneficial to be a locavore to the local communities and to help protect the environment.

And provide sustainable food production for future generations.



Farm to table is not always an option for American consumers.

Americans who live in large urban cities or states without much farmland cannot take advantage of the farm to table movement.

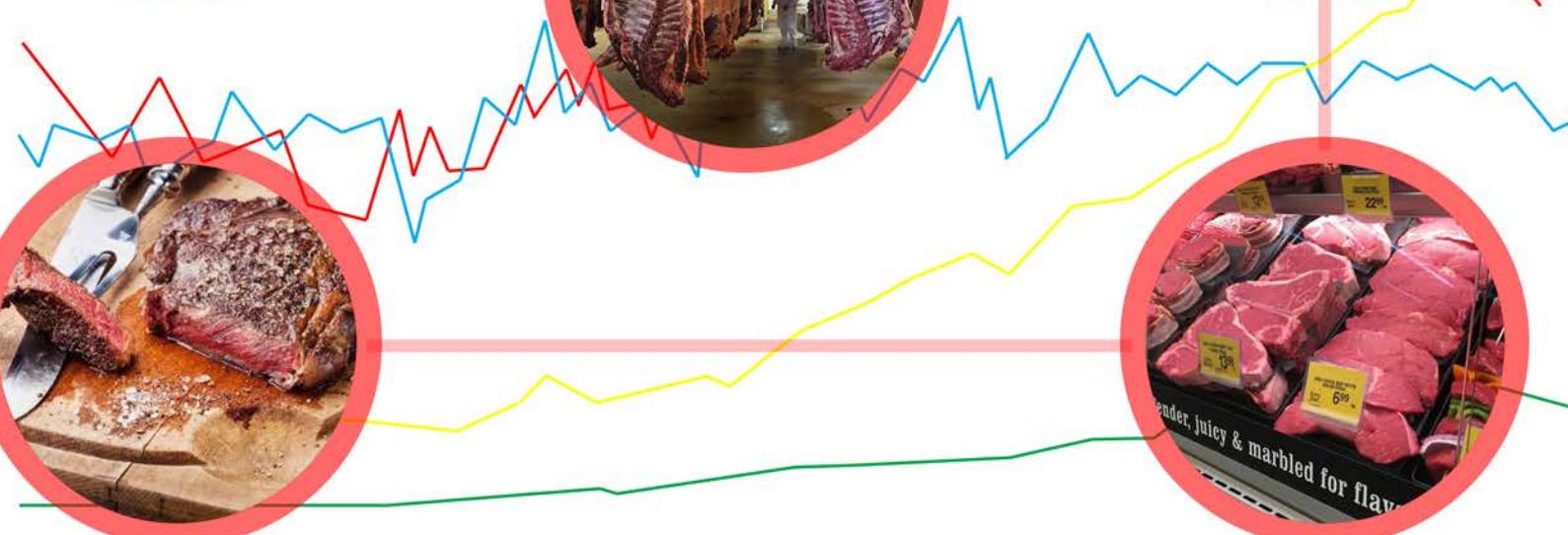
Since organic produced crops or meat may be too far away or have to be shipped to them directly the price for organic food could not be worth it for some Americans to switch their habits.

FACTORY FARMS ARE CHEAP

Farm to table is inherently more expensive than factory farm.

Factory farming is unethical and dangerous for the but for some Americans it is the only option either due to organic being too expensive or to inconvenient to acquire.

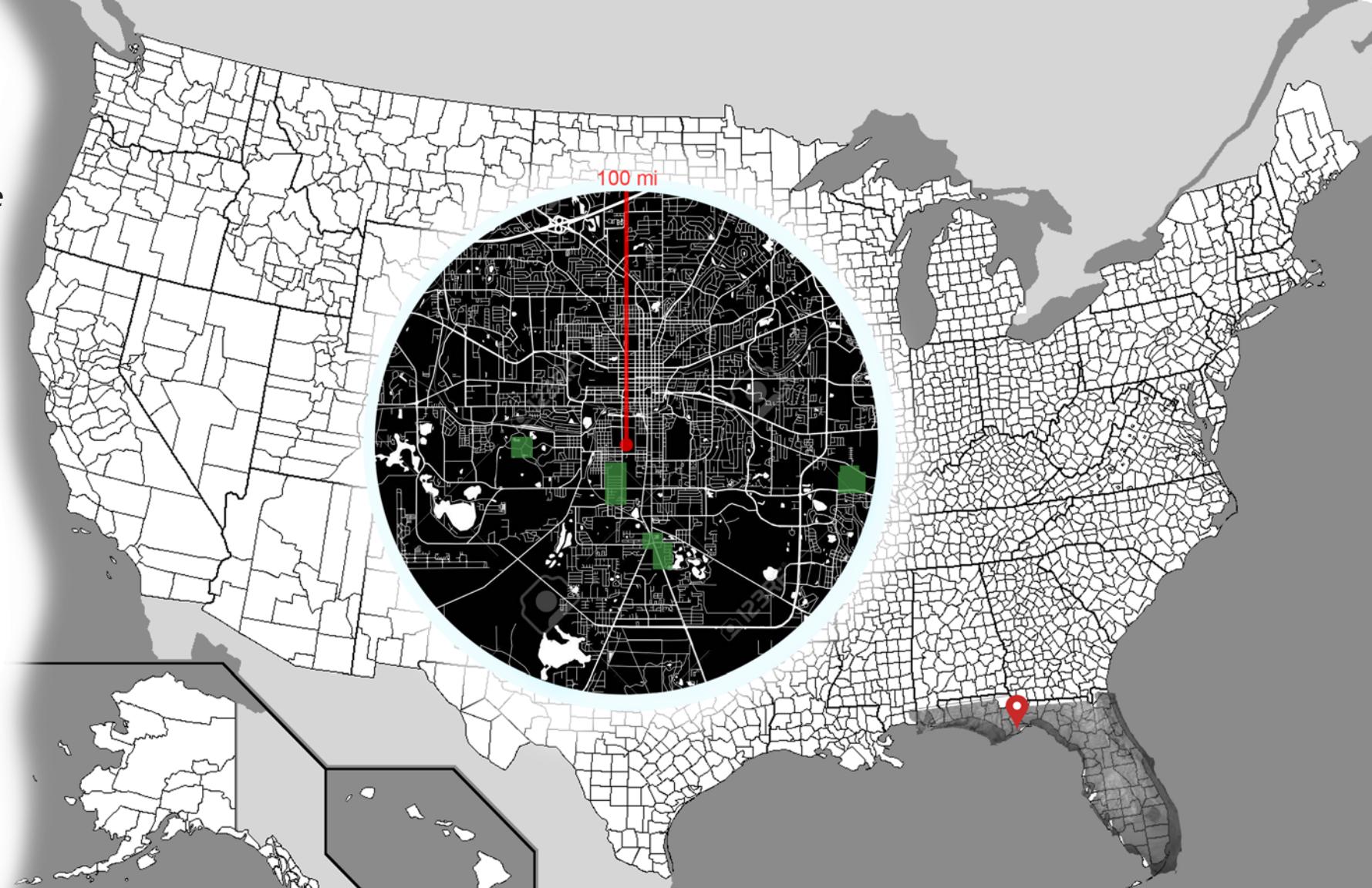
Factory farms can ship to any city cheap and fast but Organic food is more expensive and in less quantities



THE LOCAVORE FOR URBAN CITIES

Since it is not always possible to be a locavore since farms are rare in urban areas.

Alternative forms of food production may be required in these areas before factory farming becomes less essential.



THE LOCAVORE FOR URBAN CITIES

Locavore and food to table may not be the final solution to all our food problems in America but it will help us in the mean time while other safer and trusted means of food production catch up to factory farming.



Sites:

<https://www.seattletimes.com/business/americans-meat-consumption-set-to-hit-a-record-in-2018/#:~:text=The%20average%20consumer%20will%20eat,a%20record%20set%20in%202004.>

https://www.researchgate.net/publication/329589957_Climate_Change_and_Animal_Farming

<https://www.meatinstitute.org/index.php?ht=d/sp/i/47465/pid/47465>

<https://www.ers.usda.gov/data-products/ag-and-food-statistics-charting-the-essentials/food-availability-and-consumption/>

<https://sentientmedia.org/u-s-farmed-animals-live-on-factory-farms/>

[https://www.pewresearch.org/fact-tank/2019/01/10/organic-farming-is-on-the-rise-in-the-u-s/#:~:text=California%20had%20by%20far%20the,and%20New%20York%20\(1%2C059\).](https://www.pewresearch.org/fact-tank/2019/01/10/organic-farming-is-on-the-rise-in-the-u-s/#:~:text=California%20had%20by%20far%20the,and%20New%20York%20(1%2C059).)

<https://beef2live.com/story-states-produce-cattle-value-124-107253>

<https://www.meatinstitute.org/index.php?ht=d/sp/i/47465/pid/47465>

<https://www.vox.com/a/explain-food-america>

<https://www.ers.usda.gov/data-products/ag-and-food-statistics-charting-the-essentials/food-availability-and-consumption/>

<https://www.nature.com/articles/s41467-019-12622-7.>

<https://upserve.com/restaurant-insider/history-farm-table-movement/>

<https://critical-sustainabilities.ucsc.edu/locavore/>