



New York City

From Wikipedia, the free encyclopedia

New York City (NYC), often called the **City of New York** or simply **New York (NY)**, is the most populous city in the United States. With an estimated 2018 population of 8,398,748 distributed over about 302.6 square miles (784 km²), New York is also the most densely populated major city in the United States.[10]



Department of City Planning
NYC.gov

- With a July 2015 population of 8,550,405, New York is the most populous city in the United States, more than twice the size of the second largest city, Los Angeles.
- About 1 in every 38 people living in the United States resides in New York City
- New York has the highest population density of any major city in the United States, with over 27,000 people per square mile.
- Over 3 million of New York City's residents are foreign-born; over one-quarter arrived in 2000 or later.
- Nearly 2 million New Yorkers are under the age of 18.

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- New York City has more people than 40 of the 50 U.S. states.
 - New York City comprises over two-fifths of New York State's entire population.
 - New York City has grown by over 1 million people since 1990.
 - The 2014 median age in New York City was 35.8 years, almost two years lower than the national median of 37.7 years.
 - Over one-third of the population 25 and over in New York City has a bachelor's degree or higher, compared to 30 percent nationally.
 - There are nearly 400,000 more women than men in New York.

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- There is a birth in New York City every 4.4 minutes.
 - There is a death in New York City every 9.1 minutes.
 - The borough of Brooklyn on its own would be the 4th largest city in the United States; Queens would also rank 4th nationally.
 - Approximately two-thirds of dwelling units in New York are renter-occupied, over twice the national average.
 - The average commute for New Yorkers is just over 40 minutes, about 14 minutes longer than the national average.

- New York City has the largest Chinese population of any city outside of Asia.
- More persons of West Indian ancestry live in New York City than any city outside of the West Indies.
- New York has the largest Puerto Rican population of any city in the world.
- More Dominicans live in New York than any other city in the world, barring Santo Domingo.
- Over 2.4 million Hispanics reside in New York City, more than any other city in the United States.
- The Black non-hispanic population of New York City numbered 1.89 million in 2014, more than double the count in any other U.S. city.
- Half of all New Yorkers speak a language other than English at home.
- Over 200 languages are spoken in New York City.



There are 1,440 minutes per day. (24 x 60)

- 1,440 divided by 9.1 = 158 deaths per day
- A refrigerated truck is already needed to hold the dead???
- So 13 extra people dying at one hospital in one day overwhelmed the system.....?



13 Deaths in a Day: An 'Apocalyptic' Coronavirus Surge at an N.Y.C. Hospital

By Michael Rothfeld, Somini Sengupta, Joseph Goldstein and Brian M. Rosenthal
March 25, 2020

Hospitals in the city are facing the kind of harrowing increases in cases that overwhelmed health care systems in China and Italy.

In several hours on Tuesday, Dr. Ashley Bray performed chest compressions at Elmhurst Hospital Center on a woman in her 80s, a man in his 60s and a 38-year-old who reminded the doctor of her fiancé. All had tested positive for the coronavirus and had gone into cardiac arrest. All eventually died.

Elmhurst, a 545-bed public hospital in Queens, has begun transferring patients not suffering from coronavirus to other hospitals as it moves toward becoming dedicated entirely to the outbreak.



Doctors and nurses have struggled to make do with a few dozen ventilators. Calls over a loudspeaker of “Team 700,” the code for when a patient is on the verge of death, come several times a shift. Some have died inside the emergency room while waiting for a bed.

A refrigerated truck has been stationed outside to hold the bodies of the dead. Over the past 24 hours, New York City’s public hospital system said in a statement, 13 people at Elmhurst had died.

“It’s apocalyptic,” said Dr. Bray, 27, a general medicine resident at the hospital. Across the city, which has become the epicenter of the coronavirus outbreak in the United States, hospitals are beginning to confront the kind of harrowing surge in cases that has overwhelmed health care systems in China, Italy and other countries. On Wednesday evening, New York City reported 20,011 confirmed cases and 280 deaths.

Residency (medicine)

From Wikipedia, the free encyclopedia

Anesthesia residents being led through training with a patient simulator

Residency or **postgraduate training** is a stage of graduate medical education. It refers to a qualified physician, podiatrist, dentist, optometrist, veterinarian, pharmacist or (one who holds the degree of MD, DPM, DDS, DMD, DVM, DO, OD, PharmD, BDS, or BDent; or MB; BS, MBChB, or BMed) who practices medicine, usually in a hospital or clinic, under the direct or indirect supervision of a senior clinician registered in that specialty such as an attending physician or consultant . In many jurisdictions, successful completion of such training is a requirement in order to obtain an unrestricted license to practice medicine, and in particular a license to practice a chosen specialty. An individual engaged in such training may be referred to as a **resident**, **house officer**, **registrar** or **trainee** depending on the jurisdiction. Residency training may be followed by fellowship or sub-specialty training.



Morgue Space in NYC Expanded With 45 Cooler Trucks

<https://www.bloomberg.com/>

By David Kocieniewski and David Voreacos
March 25, 2020, 5:15 PM CDT

New York City has bought 45 refrigerated truck trailers – each capable of holding as many as 44 bodies -- in case city morgues and hospitals become overwhelmed with the number of dead from the coronavirus. With the addition of refrigerated tents, the city will have the capacity to hold as many as 3,600 bodies, a city official said.

The city is the expanding epicenter of the Covid-19 outbreak in the U.S., with almost 200 deaths and about 18,000 cases. Officials stress that the measures are so far only precautionary, but the trailers and tents reflect both the feared scale of the epidemic in New York City and the precise lengths to which officials have been planning for the worst -- down to the temperature of the trucks.

Workers have already erected a large tent and installed trailers by the central morgue in lower Manhattan, according to Aja Worthy-Davis, a spokeswoman for the Office of Chief Medical Examiner. Now, the city's five morgues have a capacity of 800 to 900.

“We’re putting them out near major hospitals as a precautionary measure to prepare for the worst-case scenario,” Worthy-Davis said. “We very much hope we don’t need them.”



COVID-19 CORONAVIRUS PANDEMIC
Last updated: March 28, 2020, 09:58 GMT

Coronavirus Cases:

602,184

Deaths:

27,468

Recovered:

133,528

What does one TRILLION dollars look like? (calculations & dimensions)

There are two things I should make perfectly clear....

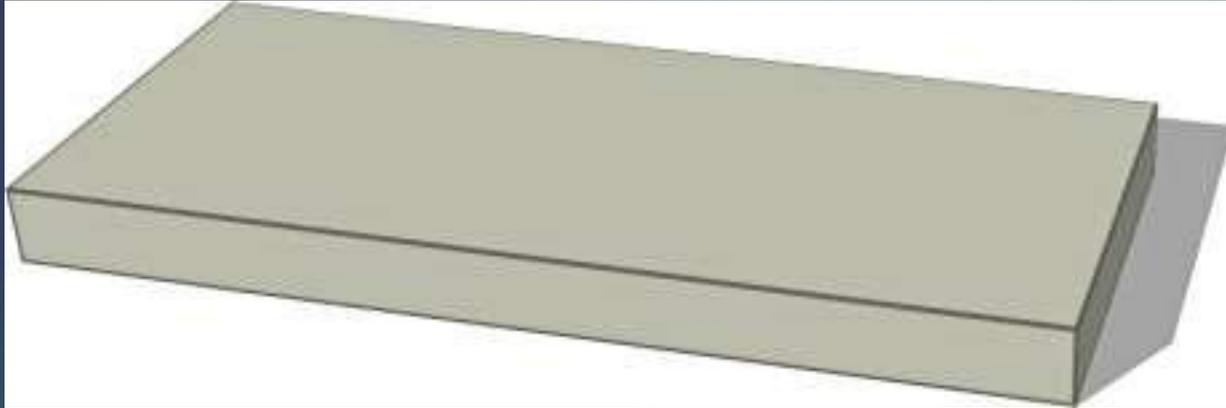
- 1) We are using \$100 dollar bills, not \$1 bills.
- 2) We are using the following definitions of million, billion and trillion...

MILLION = 1,000,000

BILLION = 1,000,000,000

TRILLION = 1,000,000,000,000

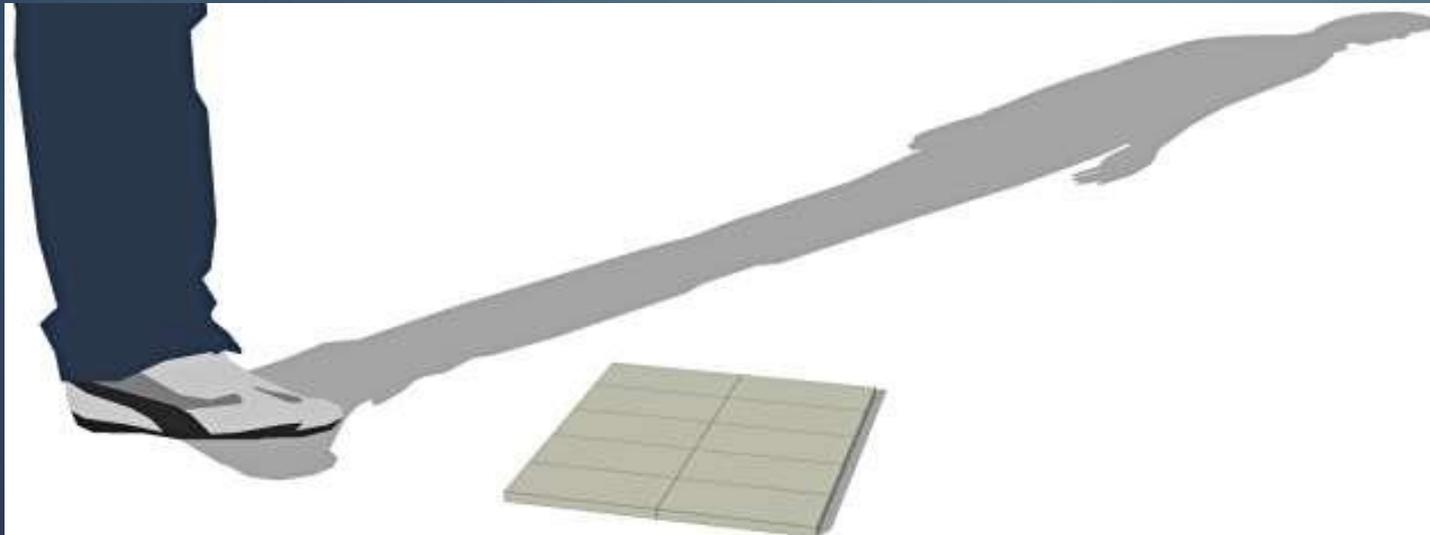
We'll start with one packet...



This packet is a stack of one hundred \$100 dollar bills. It's about 6" by 2-1/2" by 0.43" high.

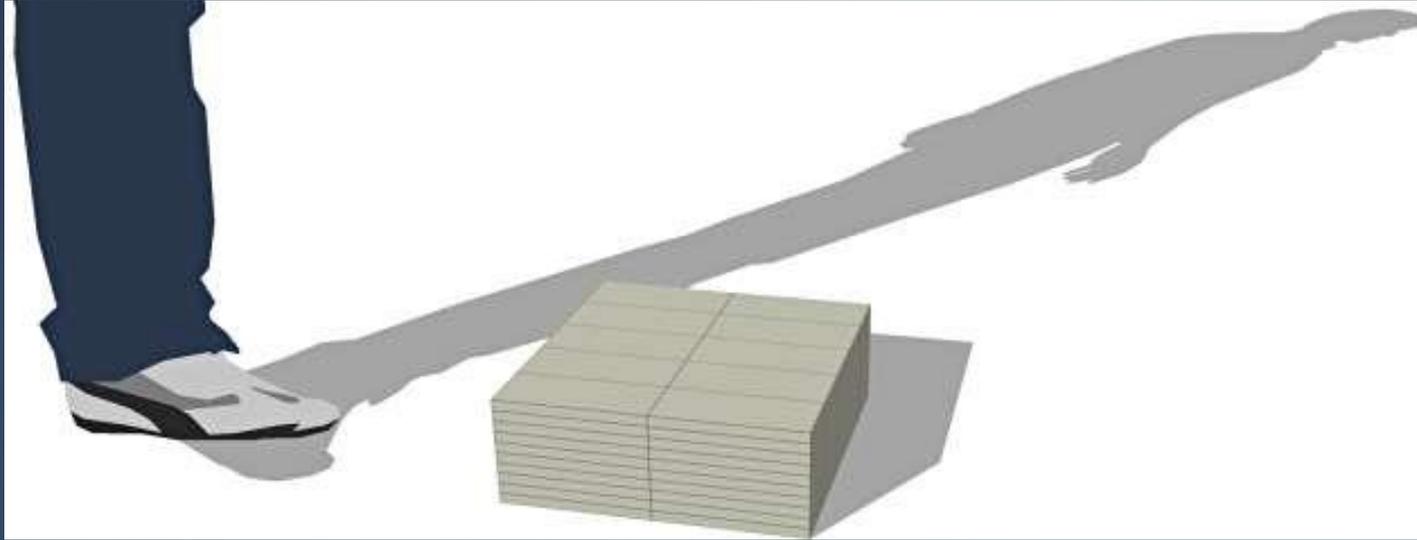
$$100 \times \$100 = \$10,000$$

Next we'll arrange 10 packets on the ground like so...



$$10 \times \$10,000 = \$100,000$$

If we increase it to 10 layers high, we get \$1,000,000
(one million dollars)...



$$10 \times \$100,000 = \$1,000,000$$

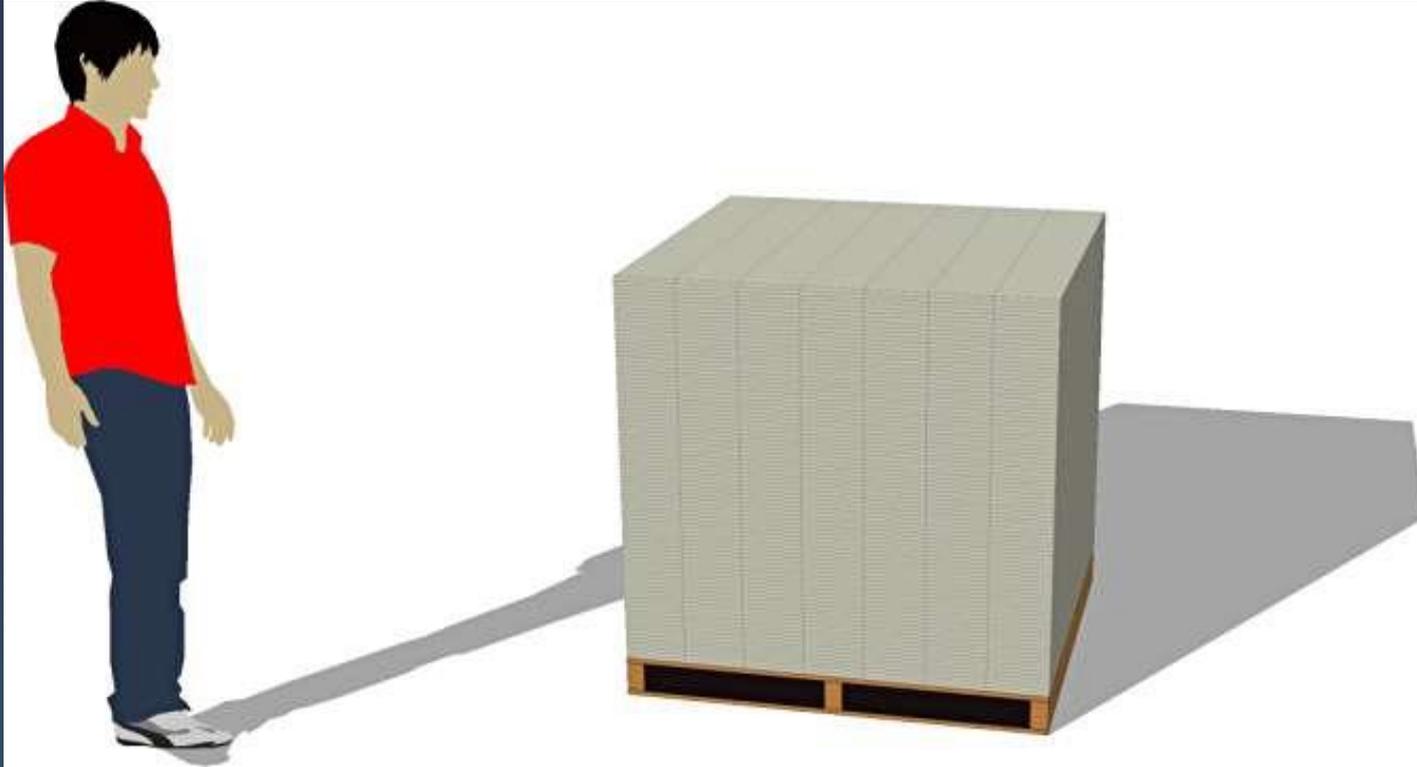
The pile is 12" wide
(2 x 6"), 12.5" deep
(5 x 2.5") and 4.3" high
(10 x .43").

Now we'll look at a
pallet. We'll start with
one layer, 7 packets
wide by 16 packets
deep, with each
packet being \$10,000.



$7 \times 16 = 112$ packets per layer
 $112 \times \$10,000 = \$1,120,000$ per layer

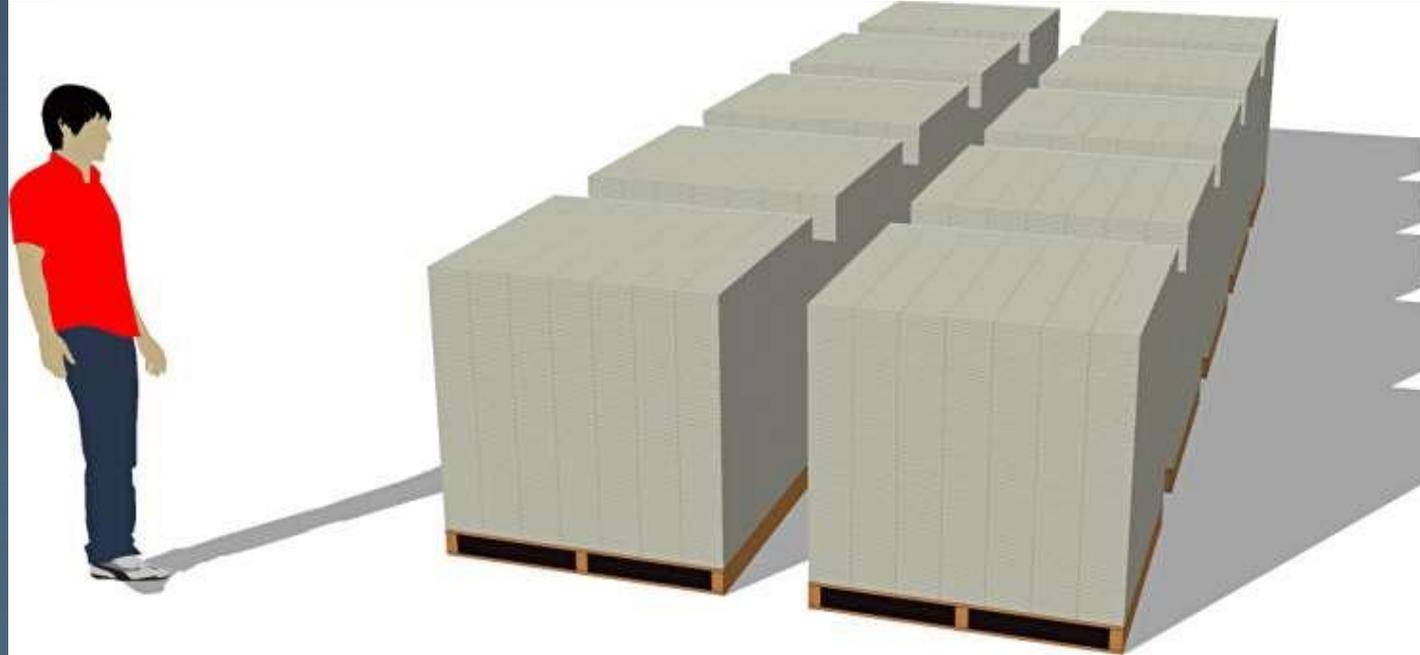
Increase that to 90 layers and you have a stack 38.7"
tall (plus 4" for the pallet) that is worth a little over
\$100,000,000 (one hundred million dollars)



$$90 \times \$1,120,000 = \$100,800,000$$

For the sake of simplicity, we'll round this down and consider a pallet to be exactly \$100,000,000 (one hundred million dollars). We'll just put the extra \$800,000 aside and have ourselves a party. With all this money sloshing around, who's going to miss it?

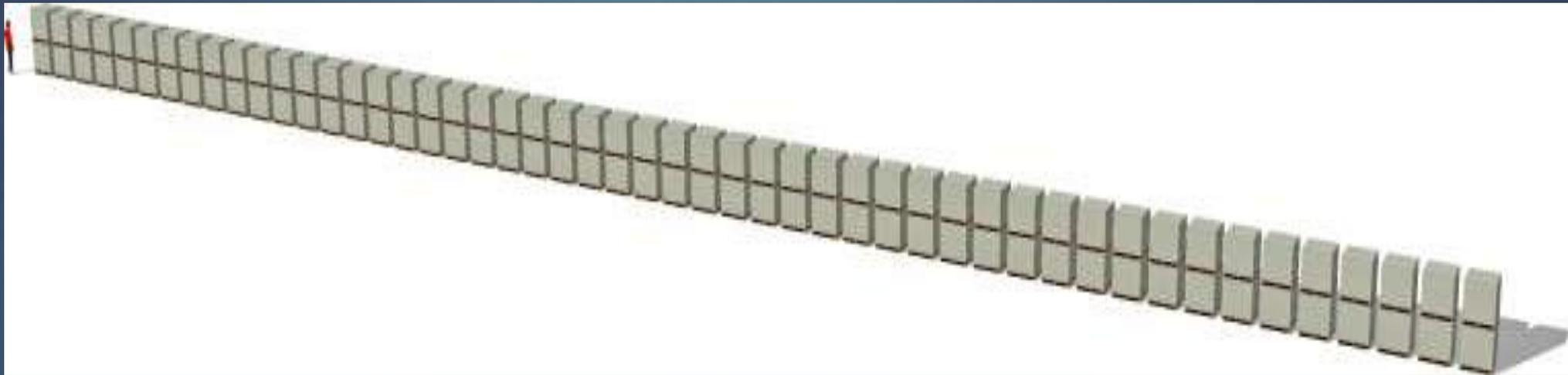
Next, ten pallets of \$100 million are \$1 billion...



$10 \times \$100,000,000 = \$1,000,000,000$ (one billion dollars)

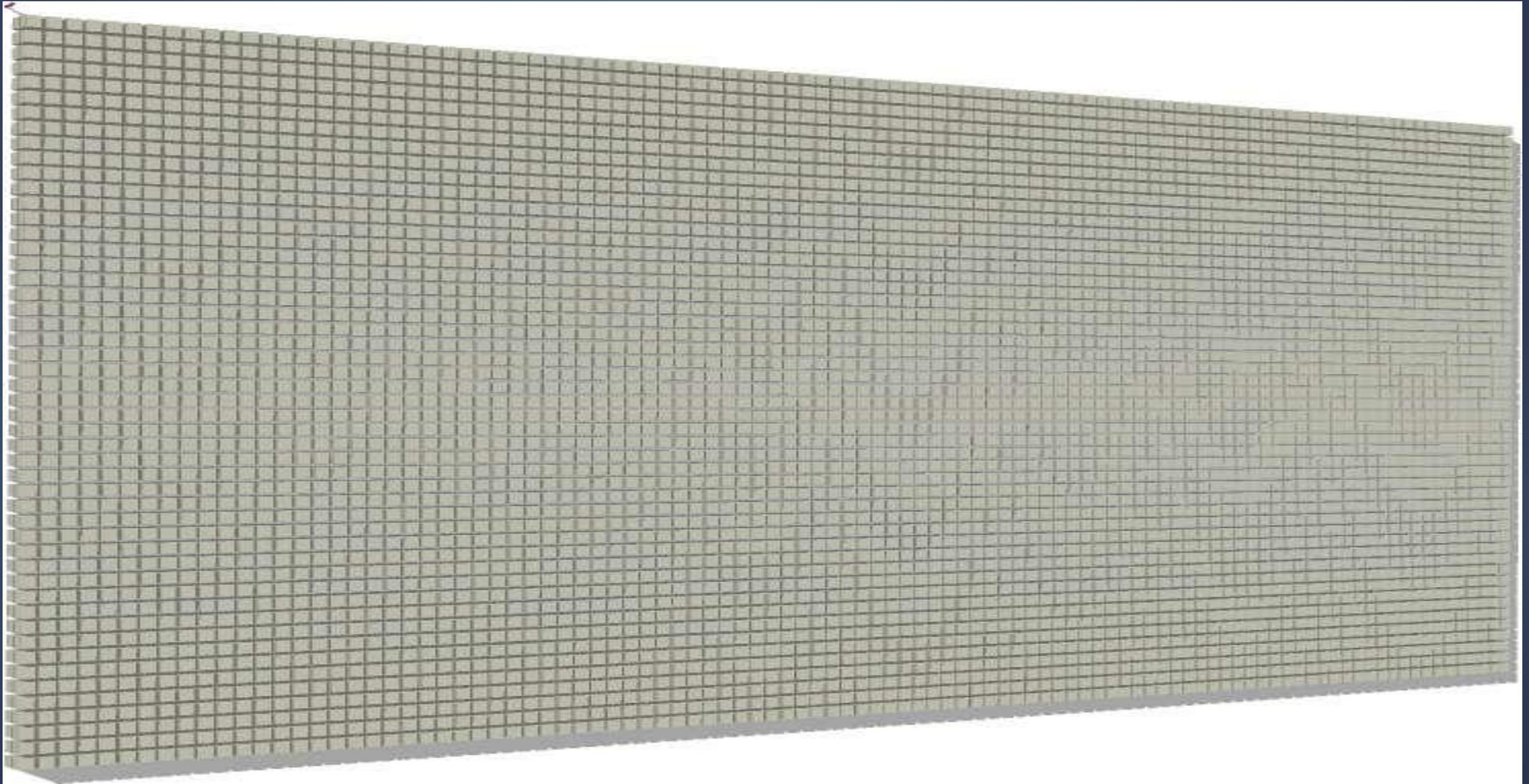
Here is where we may start running into problems. In some parts of the world, this may be referred to as a "thousand million" (or "milliard") rather than a billion.

Next, a row of 50 double-stacked pallets
($50 \times 2 = 100$ pallets total)



$100 \times \$100,000,000/\text{pallet} = \$10,000,000,000$
(ten billion dollars)

Multiply that by 100 rows....

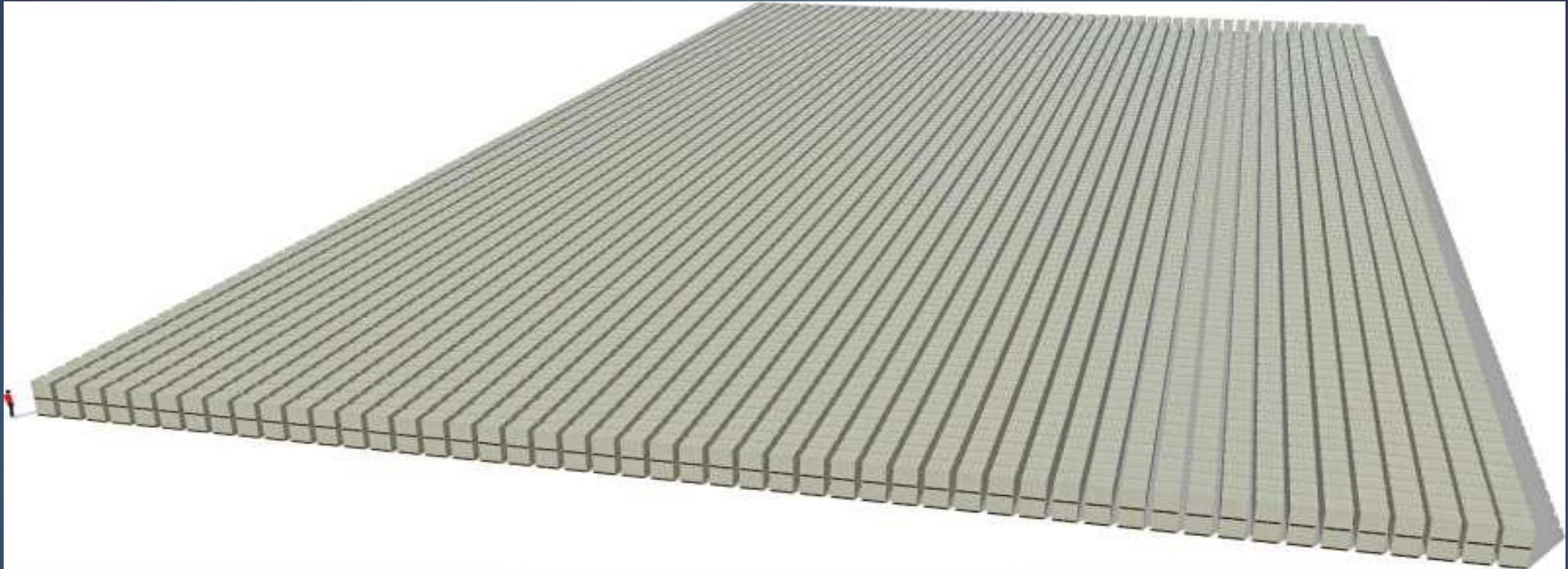




100 rows x \$10,000,000,000 = \$1,000,000,000,000
(one trillion dollars)

(Notice the little guy at the bottom left corner.)

Here's another view oriented a little more to the front...



One hundred rows x 100 pallets per row is 10,000 pallets.
That's a LOT of \$100 bills!

| -----Dimensions----- |



Each individual pallet is 42" wide by 40" deep. The height of the bills is 38.7". Add 4" for a pallet and the total height of one pallet of bills is 42.7". In the field of pallets above, the pallets are spaced 12" apart.

The field is 50 pallets x 100 pallets by 2 pallets high, so...

$$\text{width} = (50 \times 42'') + (49 \times 12'') = 2100'' + 588'' = 2688'' = 224 \text{ ft}$$

$$\text{depth} = (100 \times 40'') + (99 \times 12'') = 4000'' + 1188'' = 5188'' = 432.33\text{ft}$$

$$\text{height} = 2 \times 42.7'' = 85.4'' = \text{just a little over 7ft high}$$



Our field of pallets is roughly 224ft x 432ft x 7ft high.
At 96,768 square feet, it's about 2.2 acres
and well over the size of a football field.

- Football field dimensions:

There are two constants, across the level of competition: 120 yards (360 **feet**) of length and 53 1/3 yards (160 **feet**) of width. The playing **field** is 100 yards long, with a 10-yard-deep end zone on each side. In total, a **football field** covers 57,600 square **feet**, or the equivalent of 1.32 acres.

July 1, 2019

athlonsports.com > how-long-football-field

