

## TRILLION DOLLAR FACT SHEET

So, you say you saw a cave full of \$100 bills valued at “one trillion dollars”. . .

What does that look like? I mean, these eyewitness claims are tossed around like UFO and Elvis sightings, so I was curious as to what exactly a trillion dollars might look like. I revised an article I found on the web.

We'll start with a \$100 dollar bill, currently the largest U.S. denomination in general circulation. Almost everyone has seen them, slightly fewer have owned them. And, the CIA uses them to make friends wherever they go!



This is a Series 1934 \$100 Gold Certificate. No, you don't own one (let alone a warehouse full of them), but I thought you'd like to see what a real one looks like.

More likely, you have seen something more like one of these so-called “big head” bills first introduced in 1996:



That's actual size, by the way. Each measures exactly 2.61 by 6.14 inches and is 0.0043 inches in thickness. Actually, the unprinted "paper" is 75% cotton and 25% linen and is only  $124 \pm 7$  micrometers ( $0.0031496 \pm 0.0001778$  inches) in thickness and weighs (figuring  $88.7 \pm 4.0$  grams per square meter) about 0.917 grams. But the ink increases each note's thickness to 0.0043 inches and its weight to 1.00 grams. This means there are 232.6 notes per inch.

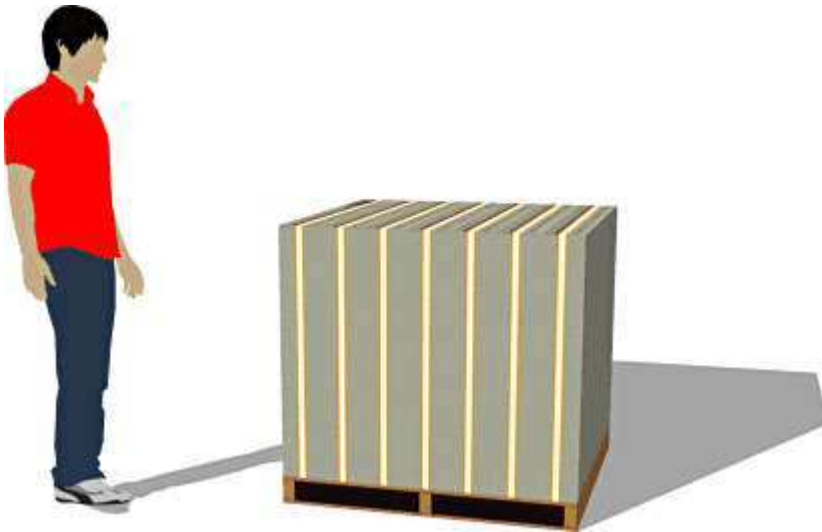
A bundle of one hundred \$100 bills is therefore 0.43 inches thick and contains \$10,000. Fits in your pocket easily and is more than enough for week or two of shamefully decadent fun. Think 117.888 cc per pack.



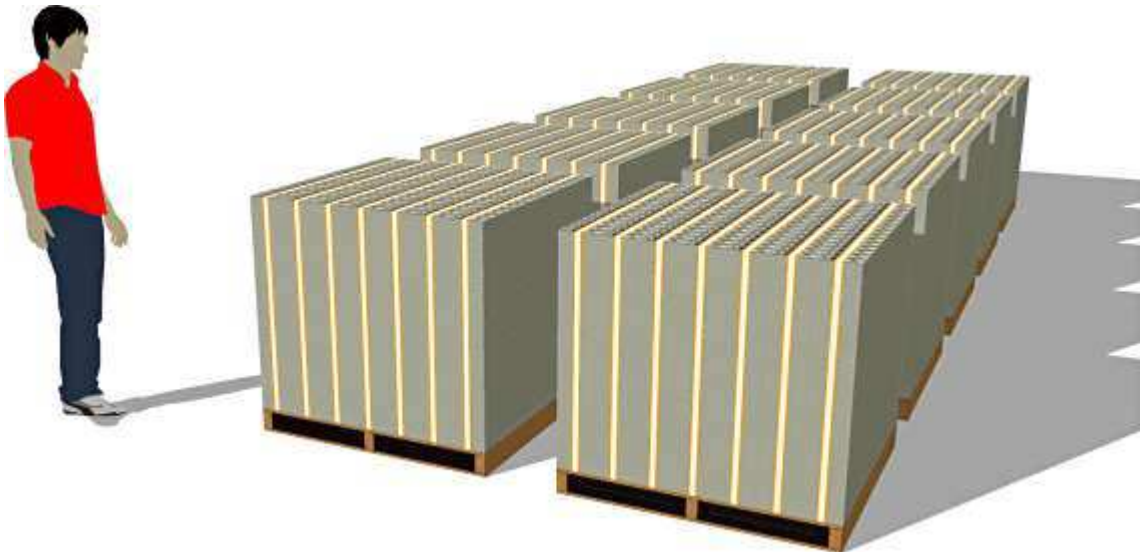
Believe it or not, this next little pile is \$1 million dollars (100 bundles of \$10,000 each) and can easily be slipped into a small backpack or briefcase. The volume is 11.7888 liters at this point with a weight of 10 kilograms (22 pounds).



While a measly \$1 million looked a little unimpressive, \$100 million is a little more respectable. It fits neatly on a standard pallet. 1.17888 cubic meters, 1 metric ton (2200 pounds), not including the pallet. . .



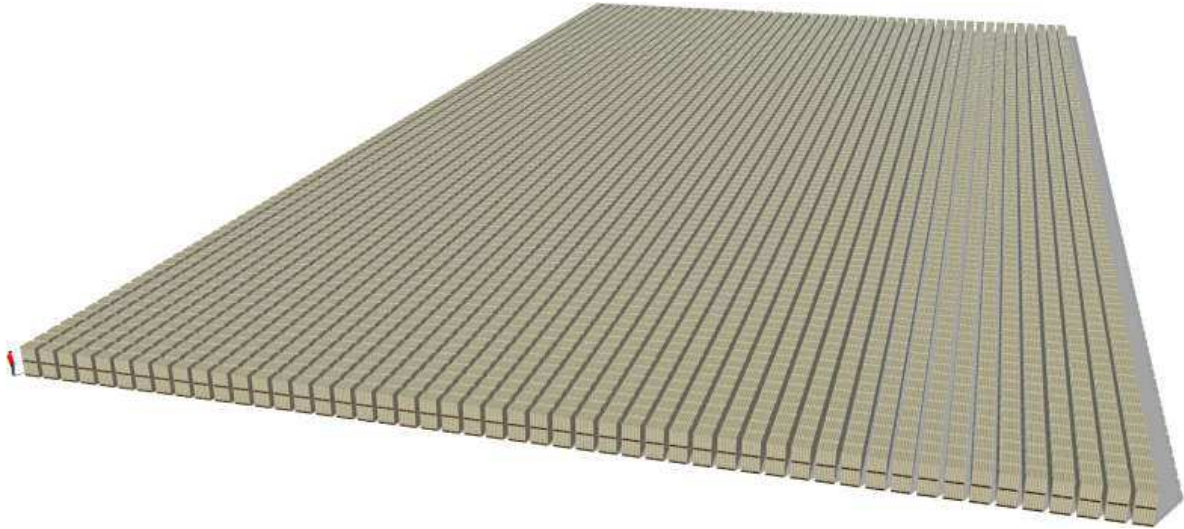
So, you want to be a billionaire (in US money)? Okay, multiply by ten. Now, we're at 11.7888 cubic meters and 10 metric tons. . .



Next, we'll look at ONE TRILLION dollars. This is amount that soooo many "eyewitnesses" have "personally seen". What is a trillion dollars? Well, it's a thousand billion. Just multiply the above mere billion by 1000.

You ready for this? It's pretty surprising . . .

Here it is, folks. One trillion US dollars in \$100 bills . . .



Notice that we had to double-stack these palettes of \$100 bills. Suddenly, we are looking at 11,788.8 cubic meters of cash weighing 10,000 metric tons!

How high would our stash be covering an American Football field with pure cash, no palettes?

- An American Football field is 360 by 160 feet, or 57,600 square feet, or 8,294,400 square inches. This is 1.322 acres.
- The volume of each note is  $6.14 \times 2.61 \times 0.0043$ , or 0.06890922 cubic inches.
- We need 10 billion notes to total \$1,000,000,000,000. So, our volume is 689,092,200 cubic inches.
- Dividing 689,092,200 by 8,294,400 gives us a height of 83.0792 inches. That's 6.923 feet or 2.110 meters.

So, the next time you hear someone tossing around the phrase "one trillion dollars"... that's what they're talking about.