

Eno, Julian, and Jaime did this lab report together

Courtesy of Eno, "Estimates suggest that the total number of transistors manufactured globally has surpassed the number of grains of sand on Earth's beaches." Source: LinkedIn. Eno corrects me saying that "there are more transistors in the world than there would be grains of sand in the world if you covered the Earth in grains of sand of medium size. One interesting thing we learned is that the photocell is a semiconductor that reduces its resistance when its temperature increases. It's important to note that the resistance of semiconductors decreases when you heat it up which is contrary to normal conductors.

Sources:

Klotz, Anton. "Did You Know That There Are More Active Transistors Today Than Sand Grains...: Anton Klotz." *Did You Know That There Are More Active Transistors Today Than Sand Grains...* | Anton Klotz, 20 Apr. 2023, www.linkedin.com/posts/anton-klotz-1970b93_did-you-know-that-there-are-more-active-transistors-activity-7054930300392329216-2AkQ/.