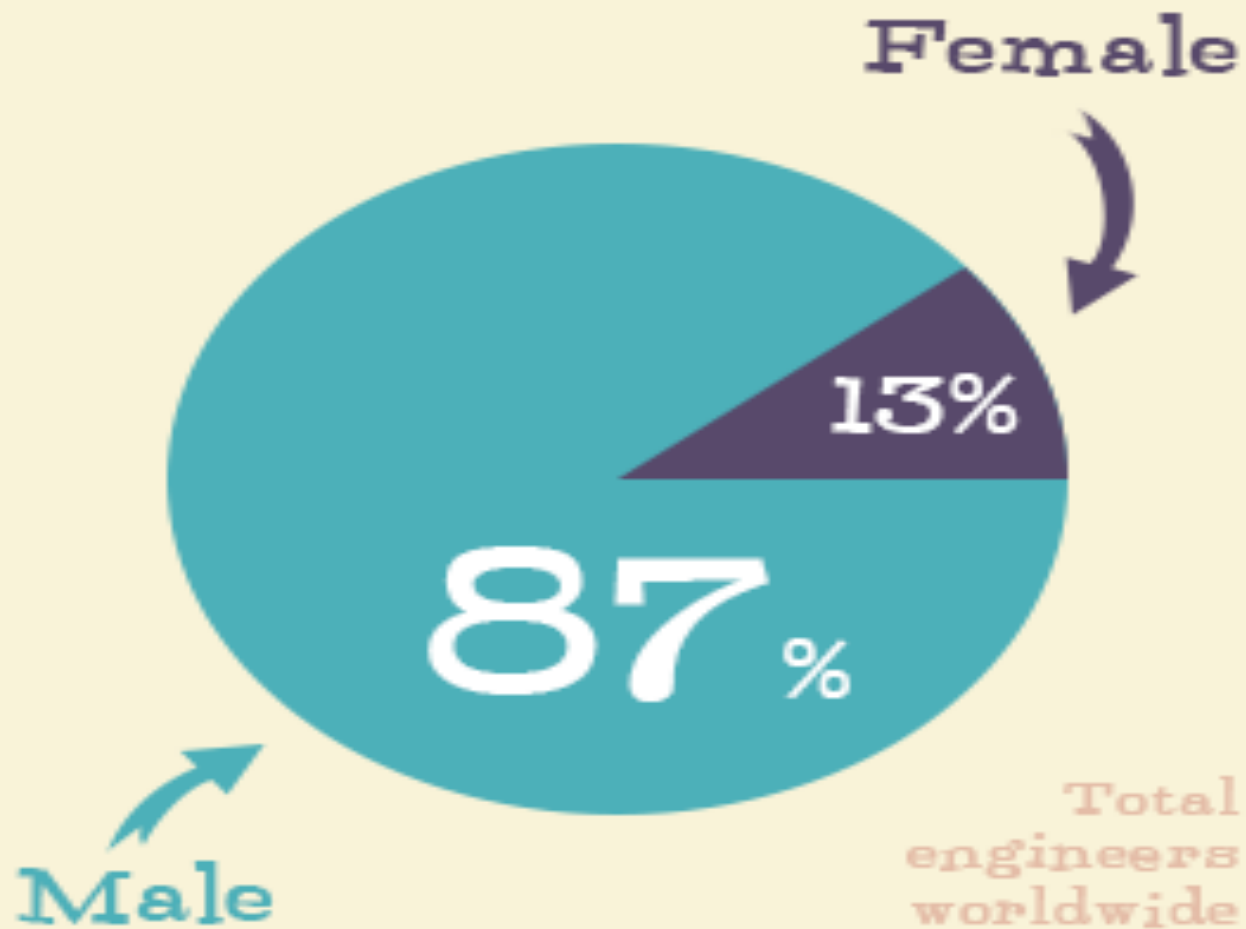


Women in Engineering

YATW project by Indee Phillpotts



Source: National Science Foundation

Who is Ada Lovelace?

- Was around in the 1800 as a mathematician and writer.
- Worked on a mechanical general purpose computer created by Charles Babbage.(The Analytical Engine)
- The notes she made include the first algorithm to be used on a machine.
- Described as the worlds first computer planner.



Rosie the Riveter



- A fictional character created during WWII to inspire women to enter different fields like the aircraft industry.
- The number of women working increased over 50% during the war.
- Once WWII was over women were expected to leave their jobs.

Rosie the Riveter Song

[https://www.youtube.com/watch?
v=9CQoMowx00s](https://www.youtube.com/watch?v=9CQoMowx00s)

Why aren't there more women in Engineering careers?

Stereotype threat, societal impacts, organizational constraints of academic institutions; differential effect of work and family demands; implicit and explicit bias; and lack of women in academic leadership and decision-making positions.

From the National Science Foundation(NSF)

Campaigns Supporting Women in Engineering/STEM



Goldie Blox Video

[https://www.youtube.com/watch?
v=ZVCC83cDcho](https://www.youtube.com/watch?v=ZVCC83cDcho)

Quiz

What percent of engineers worldwide are women?

By how much did the number of women working increase during WWII?

What is one possible reason that there aren't as many women in the engineering work field as men?