HUMAN MICROBIOME



YOUR BODY: HUMAN AND MICROBES

WHAT IS THE MICROBIOME?

The human body is home to trillions of microbes. The community of microbes living in intimate association with our bodies, and the genes they contain, make up the human microbiome.

FAQ



WAIT ... WHAT'S A MICROBE?

A microbe is a microscopic organism - this includes viruses, bacteria, and fungi.





Not all microbes make us sick - the microbes in and on our bodies play many essential roles.

WHO'S THERE?

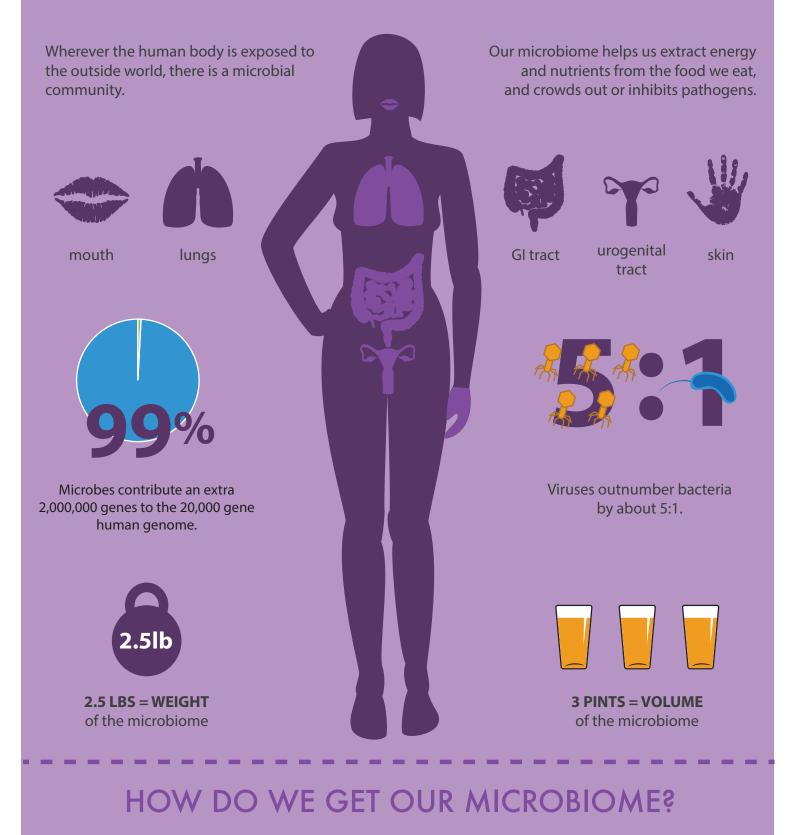
Cells in the human body:



A human body is actually only about 25% human cells. The rest is many thousands of species of bacteria and other microbes.



WHERE ARE THEY? WHAT ARE THEY DOING?



BIRTH:

A newborn gets its microbes from:

- 🔺 its mother's birth canal
- kin of its mother and other caregivers

BREAST MILK:

Breast milk has been finetuned over millions of years to provide:

- A nutrients, vitamins, and antibodies
 - diverse microbes to populate the baby's gut

ENVIRONMENT:

For the rest of the baby's life, it will continuously encounter new microbes from:

- A soil and water
- 🔺 people, pets, plants
- A new and diverse foods

Learn more about your microbiome



American Academy of Microbiology:

http://bit.ly/HumanMicrobiome