DOES GRILLING CAUSE CANCER?

HOW TO GRILL WITHOUT THE SCARY SIDE EFFECTS

IS GRILLING HAZARDOUS TO YOUR HEALTH?



The headlines say grilling causes cancer. Are they right? Well, grilling does produce a couple of chemicals that may increase the risk of cancer.

HETEROCYCLIC AMINES

Heterocyclic amines (HCAs) form when meat is overcooked or charbroiled. HCAs can damage and change DNA.

FOUR FACTORS INFLUENCE HCA FORMATION:

- 1. Type of food
- 2. How it's cooked
- 3. Temperature
- 4. How long it's cooked



Temperature is the most important of these four. While HCAs begin to form at 212°F (100°C), the truly nasty types start to be made in large quantities at about 572°F (300°C).

POLYCYCLIC AROMATIC HYDROCARBONS

Polycyclic aromatic hydrocarbons (PAHs) form when meat is charred or blackened, or when fat from the meat drips onto the hot surface of the grill.

PAH CREATION IS INFLUENCED BY:

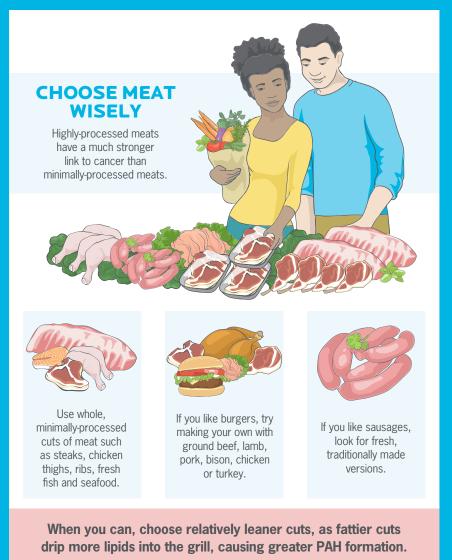
- 1. Temperature of cooking
- 2. How long food is cooked
- 3. Type of fuel used in heating
- 4. Distance from heat source
- 5. Fat content of the food



The hotter and longer a meat is cooked, the more HCAs and PAHs.

YOU CAN STILL GRILL!

There are some great ways that can allow you to grill delicious food - without the health risks.



USE HERBS AND SPICES

