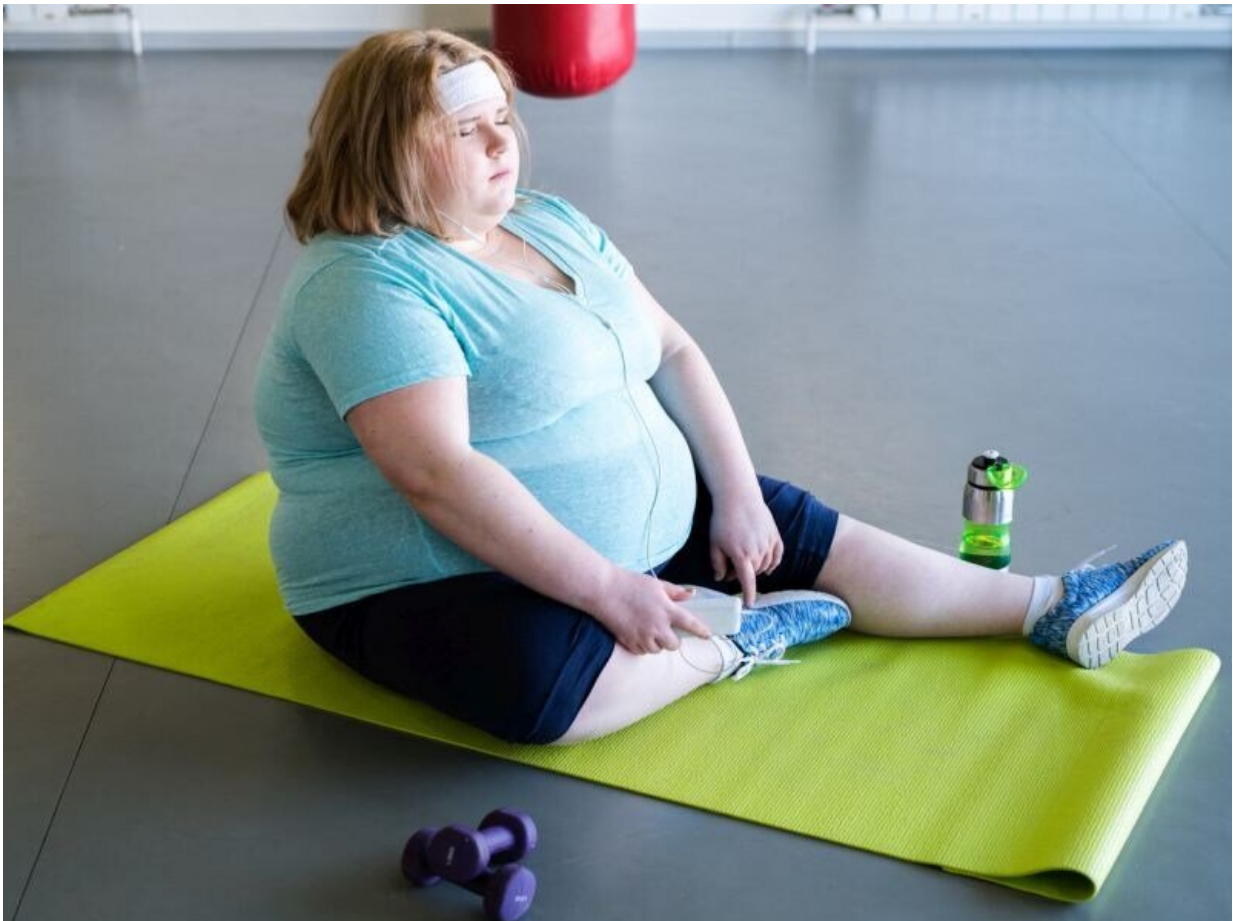


# Burden of obesity-associated cancers shifted to younger age groups

August 15 2019

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(HealthDay)—From 2000 to 2016, there was a shift of the obesity-

associated cancer (OAC) burden to younger age groups, according to a study published online Aug. 14 in *JAMA Network Open*.

Siran M. Koroukian, Ph.D., from Case Western Reserve University School of Medicine in Cleveland, and colleagues examined trends in time for age distribution of OACs and non-OACs. Differences by ethnicity and sex were examined using the Surveillance, Epidemiology, and End Results database (2,665,574 incident OACs [70.3 percent [women](#)] and 3,448,126 incident non-OACs [32.0 percent women] from 2000 to 2016).

The researchers found that the percentage of incident cases increased in the 50- to 64-year-old age group for both arms, ranging from a 25.3 percent increase in the number of OACs in this age group for non-Hispanic white women to a 197.8 percent increase in Hispanic men. In the 20- to 49-year-old age group, the change in the number of OACs ranged from a 5.9 percent drop in non-Hispanic white women to a 94.6 percent increase among Hispanic women. For those  $\geq 65$  years, the increases ranged from 2.5 percent in non-Hispanic white women to 102.0 percent in Hispanic women. There was a greater [annual increase](#) in the odds for OACs for individuals in the 50- to 64-year-old age group but a decrease for individuals in the group aged 65 years or older compared with non-OACs. Compared with non-OACs, the annual increase in OACs was 0.5 percent higher in non-Hispanic black men and 1.3 percent higher in non-Hispanic white men.

"The findings have important public health implications and suggest that interventions to reduce [obesity](#) and to implement individualized screening programs are needed," the authors write.

**More information:** [Abstract/Full Text](#)

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