

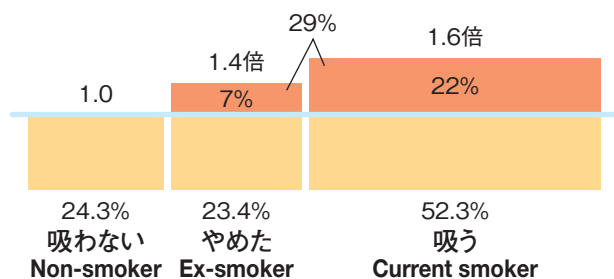
22

がんの部位別罹患におよぼす喫煙の寄与割合

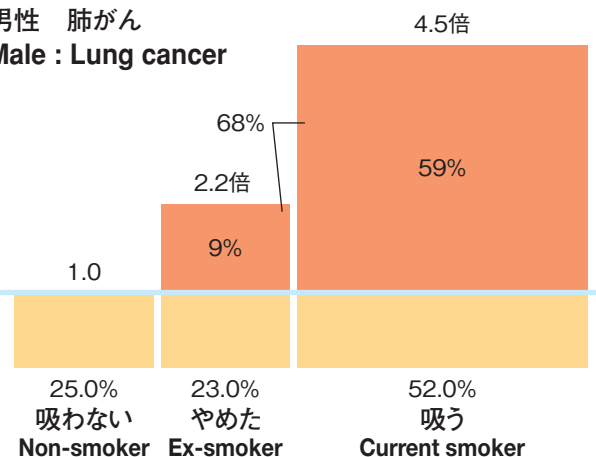
Population Attributable Fraction (%) of Cancer Incidence Associated with Tobacco Smoking in Japan

厚生労働省多目的コホート研究（1990～継続中）

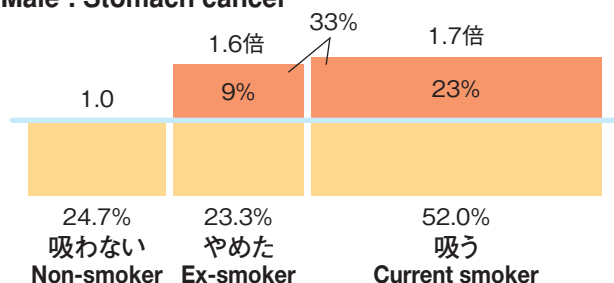
Japan Public Health Center-based Prospective Study for Cancer and Cardiovascular Diseases (JPHC study, 1990-on going)

男性 全がん
Male : All cancers

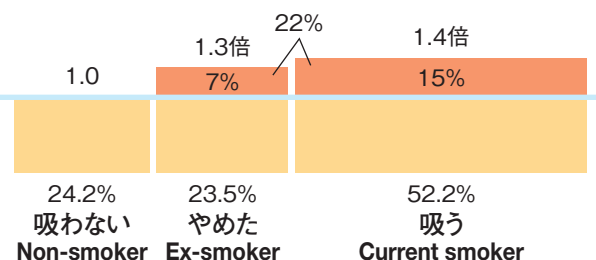
Inoue M, et al. Prev Med 2004;38:516-22

男性 肺がん
Male : Lung cancer

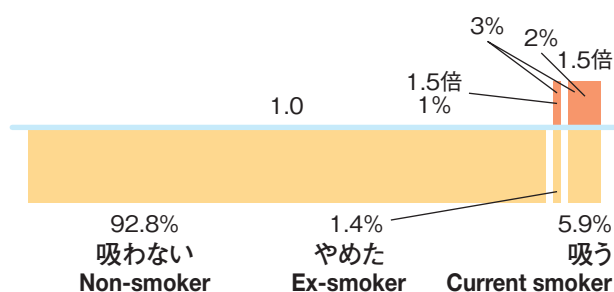
Sobue T, et al. Int J Cancer 2002;99:245-51.

男性 胃がん
Male : Stomach cancer

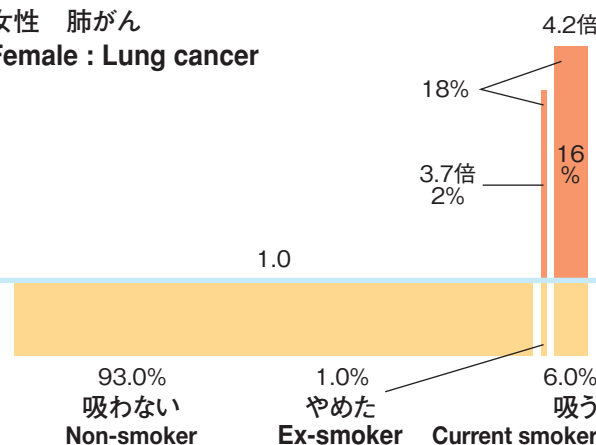
Sasazuki S, et al. Int J Cancer 2002;101:560-6. *updated

男性 大腸がん
Male : Colon/rectum

Otani T, et al. CEBP 2003;12:1492-1500.

女性 全がん
Female : All cancers

Inoue M, et al. Prev Med 2004;38:516-22

女性 肺がん
Female : Lung cancer

Sobue T, et al. Int J Cancer 2002;99:245-51.

喫煙によるがん罹患の人口寄与割合とは、現在の喫煙者と禁煙者が、もしすべて非喫煙者に置き換わったとしたら、がんになる人がどの程度減るかを意味する。男性の場合、全がんの29%、肺がんの68%、胃がんの33%、大腸がんの22%が減ると推定される。男女間で相対リスクに大きな差はないが、喫煙者が女性で少ないので、女性での寄与割合は、全がんの3%、肺がんの18%と、男性よりも小さい。

Population attributable risk percent corresponds to the extent

of reduction of cancer incidence, assuming all current smokers and ex-smokers are substituted to nonsmokers. For males, 29% of all sites, 68% of lung cancer, 33% of stomach cancer, 22% of colorectal cancer are estimated to be reduced. Compare with males, relative risks due to smoking are similar but proportions of current smokers and ex-smokers are substantially low in females. As a result, population attributable risk percent is low in females, such as 3% of all sites and 18% of lung cancer.