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malignancies

smear Pap

.colonoscopy

sigmoidoscopy

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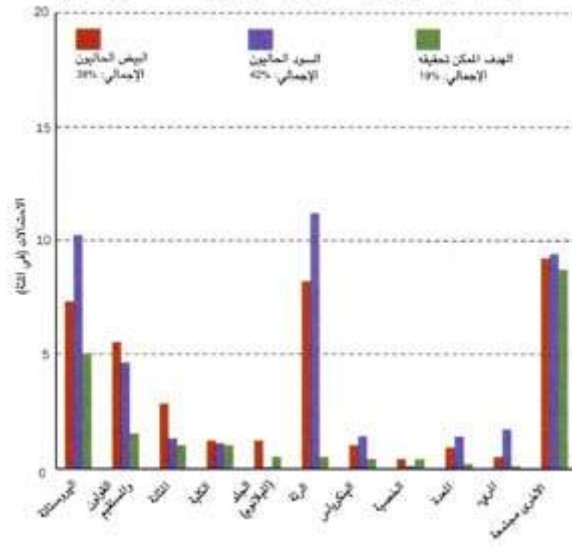
.metastasis ( )

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### احتمالات إصابة الرجال بالسرطان حتى سن الخامسة والسبعين



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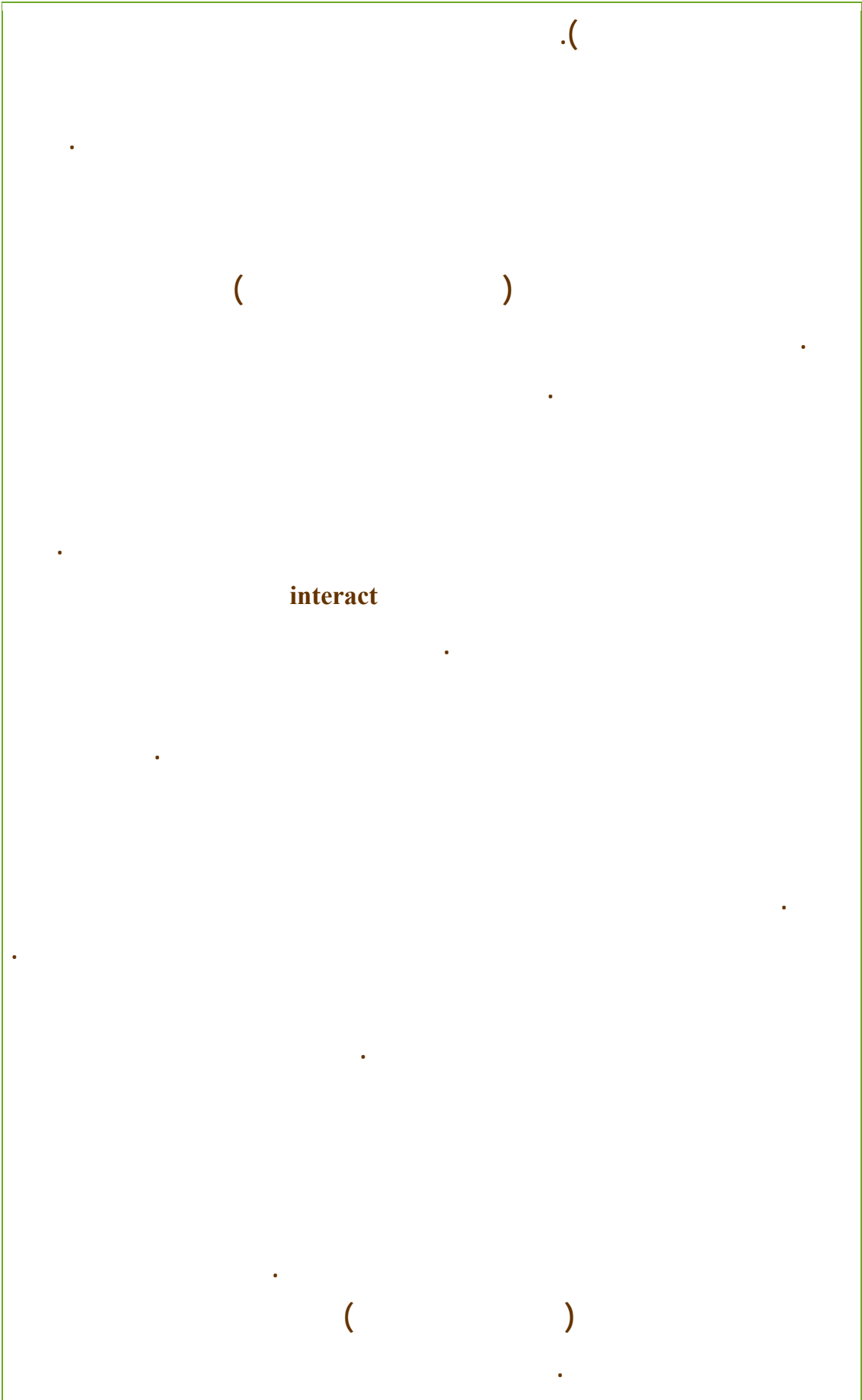
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unhydrogenated

.malignancy

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**multivitamins**

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**folate**

**megavitamins**

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**papillomavirus ( )**

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**(HIV)**

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**.condom latex ( )**

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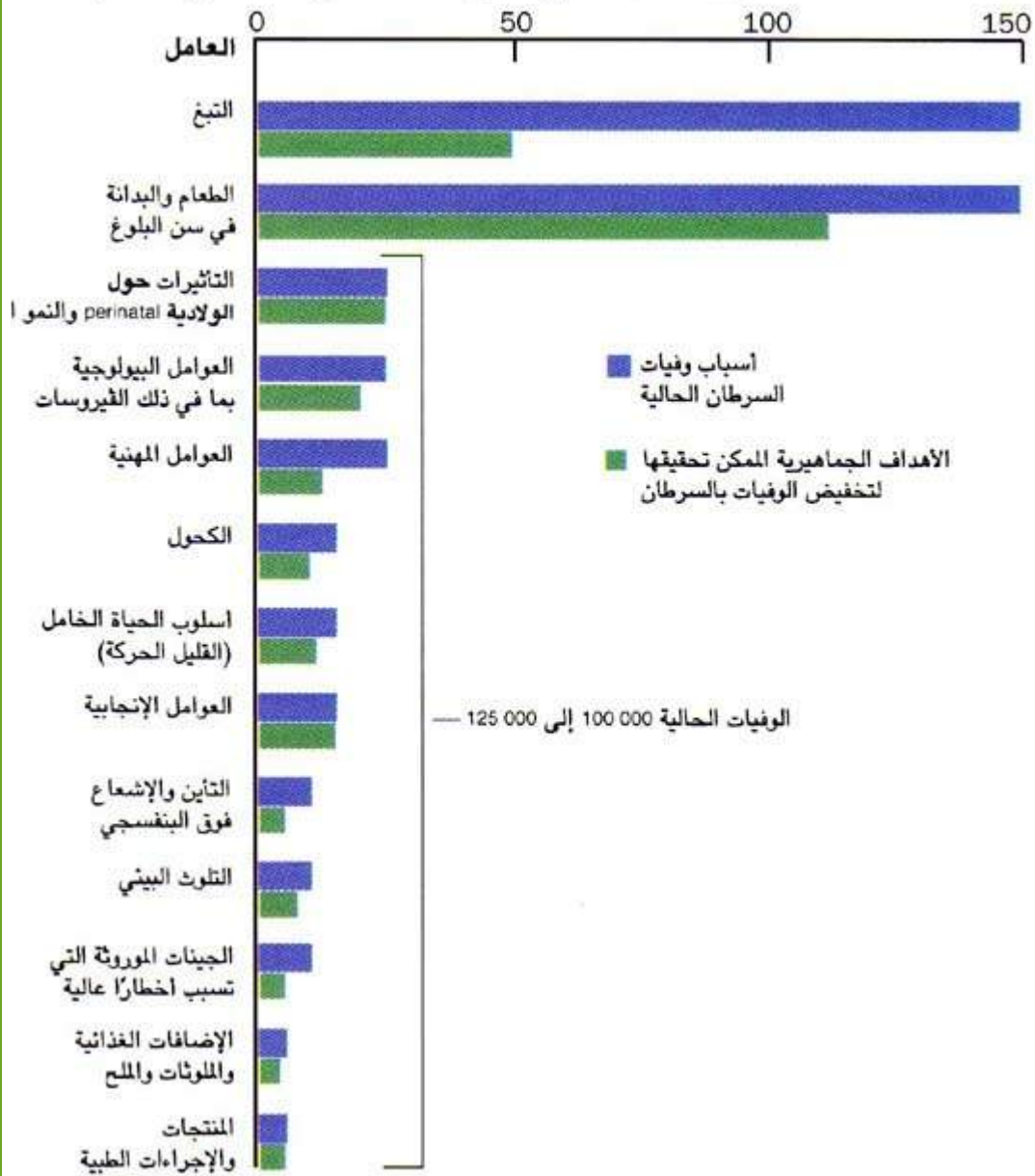
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## الأهداف الممكن تحقيقها لتخفيض أعداد الوفيات بالسرطان

الأعداد التقديرية للوفيات في الولايات المتحدة (بالآلاف في السنة)



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300 000

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60

C B

carcinoma haptocellular

**B**

**disposable**

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**sanitation**

**pylori Helicobacter**

**C**

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**infectious**

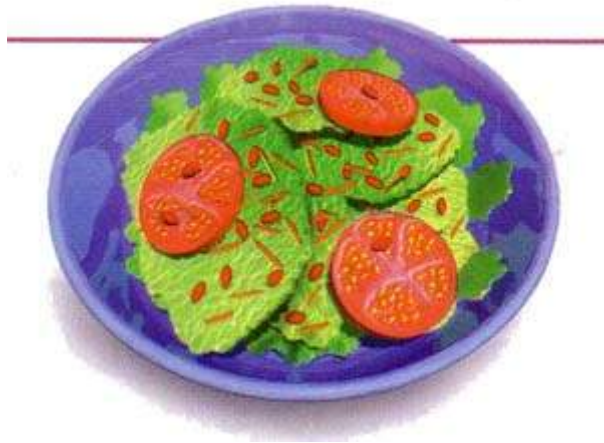
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) vasectomy

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mammography

) tamoxifen

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progestin

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**N. E. Mueller - G. A. Colditz - W. C. Willett**

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مراجع للاستزادة

**THE TREATMENT OF DISEASES AND THE WAR AGAINST CANCER.** John Cairns in *Scientific American*, Vol. 253, No. 5, pages 51-59; November 1985.

**SMOKING AND HEALTH: A 25-YEAR EXPERIENCE.** Kenneth Warner in *American Journal of Public Health*, Vol. 79, No. 2, pages 141-143; February 1989. **TOWARD THE PRIMARY PREVENTION OF CANCER.** Brian E. Henderson, Ronald K. Ross and Malcolm C. Pike in *Science*, Vol. 254, pages 1131-1138; November 22, 1991.

**THE CAUSES AND PREVENTION OF CANCER.** Bruce N. Ames, LOIS Swirsky Gold and Walter C. Willett in *Proceedings of the National Academy of Sciences*, Vol. 92, No. 12, pages 5258-5265; June 6, 1995.

**AVOIDABLE CAUSES OF CANCER.** Special issue of *Environmental Health Perspectives*, Vol. 103, Supplement 8; November 1995.

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highly localized (1)

(2)

(3)