

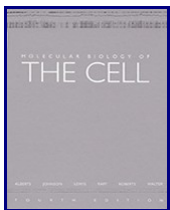
Table 23-1 Variation Between Countries in the Incidence of Some Common Cancers

| SITE OF ORIGIN OF CANCER | HIGH-INCIDENCE POPULATION | | LOW-INCIDENCE POPULATION | |
|-----------------------------|--------------------------------------|------------|-----------------------------|------------|
| | LOCATION | INCIDENCE* | LOCATION | INCIDENCE* |
| Lung | USA (New Orleans, blacks) | 110 | India (Madras) | 5.8 |
| Breast | Hawaii (Hawaiians) | 94 | Israel (non-Jews) | 14.0 |
| Prostate | USA (Atlanta, blacks) | 91 | China (Tianjin) | 1.3 |
| Uterine cervix | Brazil (Recife) | 83 | Israel (non-Jews) | 3.0 |
| Stomach | Japan (Nagasaki) | 82 | Kuwait (Kuwaitis) | 3.7 |
| Liver | China (Shanghai) | 34 | Canada (Nova Scotia) | 0.7 |
| Colon | USA (Connecticut, whites) | 34 | India (Madras) | 1.8 |
| Melanoma | Australia (Queensland) | 31 | Japan (Osaka) | 0.2 |
| Nasopharynx | Hong Kong | 30 | UK (Southwestern) | 0.3 |
| Esophagus | France (Calvados) | 30 | Romania (urban Cluj) | 1.1 |
| Bladder | Switzerland (Basal) | 28 | India (Nagpur) | 1.7 |
| Uterus | USA (San Francisco Bay Area, whites) | 26 | India (Nagpur) | 1.2 |
| Ovary | New Zealand (Polynesian Islanders) | 26 | Kuwait (Kuwaitis) | 3.3 |
| Rectum | Israel (European and USA born) | 23 | Kuwait (Kuwaitis) | 3.0 |
| Larynx | Brazil (São Paulo) | 18 | Japan (rural Miyagi) | 2.1 |
| Pancreas | USA (Los Angeles, Koreans) | 16 | India (Poona) | 1.5 |
| Lip | Canada (Newfoundland) | 15 | Japan (Osaka) | 0.1 |
| Kidney | Canada (NWT and Yukon) | 15 | India (Poona) | 0.7 |
| Oral cavity | France (Bas-Rhin) | 14 | India (Poona) | 0.4 |
| Leukemia | Canada (Ontario) | 12 | India (Nagpur) | 2.2 |
| Testis | Switzerland (urban Vaud) | 10 | China (Tianjin) | 0.6 |

*

Incidence = number of new cases per year per 100,000 population, adjusted for standardized population age distribution (so as to eliminate effects due merely to differences of population age distribution). Figures for cancers of breast, uterine cervix, uterus, and ovary are for women; other figures are for men. (Adapted from V.T. DeVita, S. Hellman, and S.A. Rosenberg (eds.), *Cancer: Principles and Practice of Oncology*, 4th edn. Philadelphia: Lippincott, 1993; based on data from C. Muir et al., *Cancer Incidence in Five Continents*, Vol. 5. Lyon: International Agency for Research on Cancer, 1987.)

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