

Appendix B

Formulae

Mathematical definitions:

Age Group (i):

0-4	45-49
5-9	50-54
10-14	55-59
15-19	60-64
20-24	65-69
25-29	70-74
30-34	74-79
35-39	80-84
40-44	85+

Age-specific rate:

$$r_i = (c_i/r_i)*100,000$$

where r_i is the age-specific rate for age group (i), c_i is the count of cases for that age group (i) and r_i is the count of persons at risk (i.e., the population) for that age group (i); rates in all tables are presented per 100,000 population.

Observed:

- ◆ Male Observed = Number of new cases of cancer among males
- ◆ Female Observed = Number of new cases of cancer among females

Age-adjusted rate:

$$A.A.R. = \sum_{i=0-4}^{85+} (w_i r_i)$$

where w_i is the proportion of the age group in the 2000 U.S. Standard and r_i is the age-specific rate for age group.