

Epidemiology / Rate Calc

1 $\frac{6092}{524,263} \times 100,000 = 1162$ Crude death rate

2 $\frac{4953}{3495678} \times 100,000 = 142$ deaths

3 $\frac{710760}{2403351} = 30\%$ heart + disease deaths

3B $\frac{710760}{9942906} \times 100,000 = 715$ deaths

4 $\frac{1502}{12419293} \times 100,000 = 12$ incidence rate

5 $\frac{45238}{5672000} \times 1000 = 8\%$ 9) $\frac{900370}{12,630,000} \times 100,000 = 7129$ rate

6 $\frac{2646}{188951} \times 1000 = 14\%$ 10) $\frac{128000}{12630000} \times 100,000 = 1013$ rate

6B $\frac{18}{2646} \times 1000 = 7\%$

7 $\frac{10000}{250,000} \times 100,000 = 4000$

8 C

Table 1 Blanks

$$2 \quad \frac{5}{966} \times 1000 = 5.2$$

$$4 \quad \frac{13}{760} \times 1000 = 17.1$$

$$5 \quad \frac{7}{610} \times 1000 = 11.5$$

$$27 \quad \frac{19}{763} \times 1000 = 24.9$$

$$28 \quad \frac{34}{1338} \times 1000 = 25.4$$

$$36 \quad \frac{8}{295} \times 1000 = 27.1$$

$$39 \quad \frac{24}{1209} \times 1000 = 19.9$$

$$73 \quad \frac{17}{507} \times 1000 = 33.5$$