

# The role of age confounding—age adjustments



Age	Standard population	City A No. of deaths	City A Mortality rate per 100,000	City B Mortality rate per 100,000	City B Expected no. of deaths	City B Expected mortality rate per 100,000
20-39	1,000,000	1,588	159	100	1,748	175
40-59	250,000	38	15	19	48	
60+	250,000	300	120	140	350	
	500,000	1,250	250	270	1,350	

Apply the age-specific mortality rates to a standard population to get the expected number of deaths and the overall expected mortality rate of city B.