



Student worksheet 3: Infant survival in Canada, 1941 to 1964

- Using the *Canada Year Book 1967*, Table 20 on page 260, find the average infant mortality rates for Canada for 1941, 1951, 1961 and 1964. You will see that these represent rates per 1,000 live births. Record these for boys and for girls in the table below. Then convert the rate per 1,000 live births to a percentage by moving the decimal (e.g., a rate of 45.6 per 1,000 would become 4.56%). Then convert the mortality rates to survival rates.

	Infant mortality		Infant survival	
	Infant mortality rate per 1,000 live births	Percentage that died before age 1	Infant survival rate per 1,000 live births	Percentage that survived past age 1
Males 1941				
Females 1941				
Males 1951				
Females 1951				
Males 1961				
Females 1961				
Males 1964				
Females 1964				

- What trend do you notice for infant survival rates over time?

What do you think caused this trend?

3. Compare the percentages of girls and boys surviving past 1 year of age. Which is higher?

Why might this be?

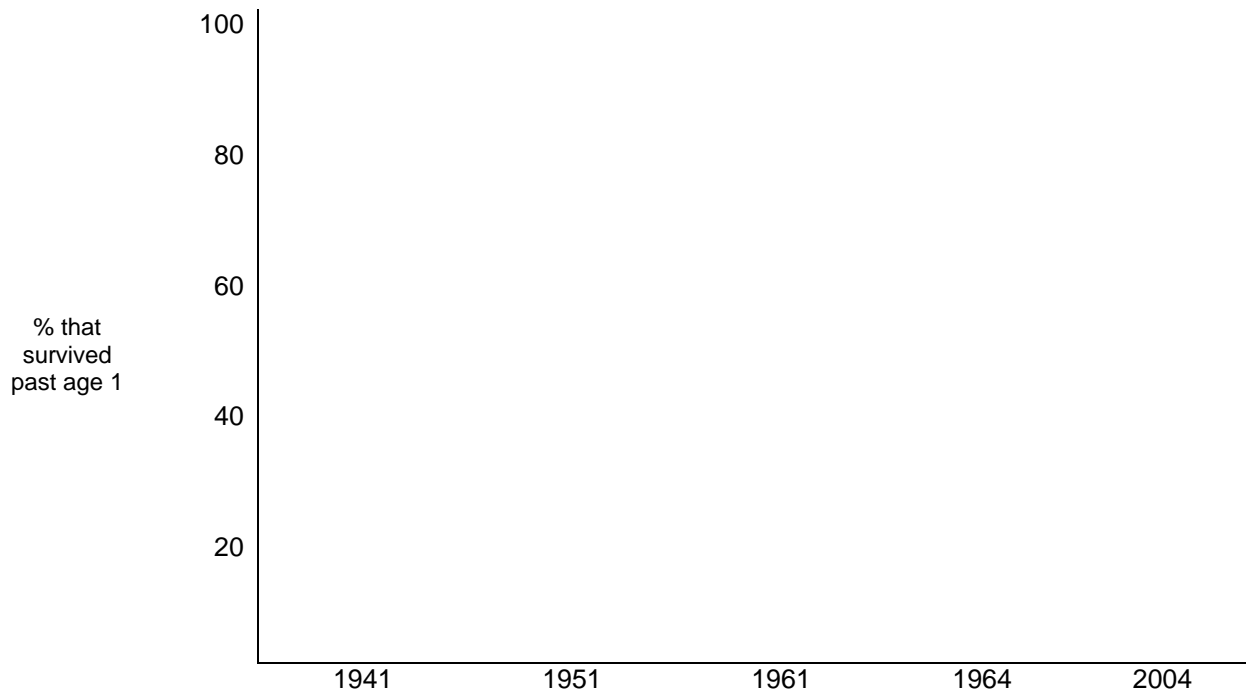
4. Calculate the average infant mortality rates and percentages in Canada for boys and girls combined for 1941, 1951, 1961 and 1964. Fill in the table below. Find the infant mortality rate for both sexes for 2004 at www.statcan.ca > Summary tables > Tables by subject > Health > [Measures of health](#). Include this with your data.

Infant mortality rates, both sexes					
	1941	1951	1961	1964	2004
Infant mortality rate per 1,000 live births					
Percentage that died before age 1					

5. Then convert these figures to survival rates:

Infant survival rates, both sexes					
	1941	1951	1961	1964	2004
Infant survival rate per 1,000 live births					
Percentage that survived past age 1					

6. Show your infant survival information as a bar chart:



7. You will notice some big differences among provinces in this period. Choose a province and fill in the table below with data from the *Canada Year Book 1967*, Table 20 on page 260. Find the infant mortality rate for 2004 at www.statcan.ca > Summary tables > Tables by subject > Health > [Measures of health](#). Include this with your data.

The province I chose is _____.

	Infant mortality rate per 1,000 live births		Infant survival rate per 1,000 live births	
	Province	Canada	Province	Canada
1941				
1951				
1961				
1964				
2004				

Are the infant survival rates for that province higher or lower than the Canadian average?

What province had the highest infant survival rates from 1941 to 1964?

What province has the lowest infant survival rates from 1941 to 1964?
