Student worksheet 2: Infant survival in Canada, 1926 to 1940

1. Using the *Canada Year Book 1947*, Table 4 on page 143, calculate the percentage of infants who did not survive until 1 year of age in each of the three five-year periods from 1926 to 1940.

2. Go to the column on the far right, which shows the five-year average results for Canada. Use the information in this column to complete the table below. Remember to 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%).

3. 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.

	1926 to 1930	1931 to 1935	1936 to 1940	2004
Infant death rate per 1,000 live births				
Percentage that died before age 1				

4. Convert infant mortality to infant survival:

	1926 to 1930	1931 to 1935	1936 to 1940	2004
Infant survival rate per 1,000 live births				
Percentage that survived past age 1				

5. Show your infant survival data as a bar chart:

```
100 ┤
     │
 80 ┤
     │
 60 ┤
% that    │
survived  │
past age 1  40 ┤
     │
 20 ┤
     │
     └──────┬──────────┬──────────┬──────────┬──────
         1926        1931       1936        2004
       to 1930     to 1935    to 1940
```

6. Did the infant survival rate increase or decrease over time?
    _____

    What do you think caused this change in the rate?

    _____

    _____

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 1947*, Table 5 on page 143. 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**
1926 to 1930				
1931 to 1935				
1936 to 1940				
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 1926 to 1940?

_____

What province had the lowest infant survival rates from 1926 to 1940?

_____