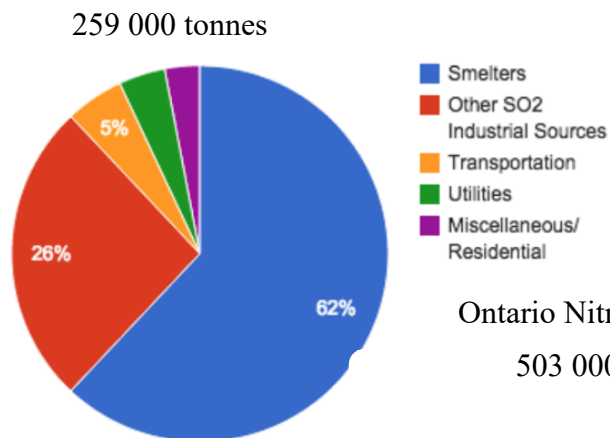


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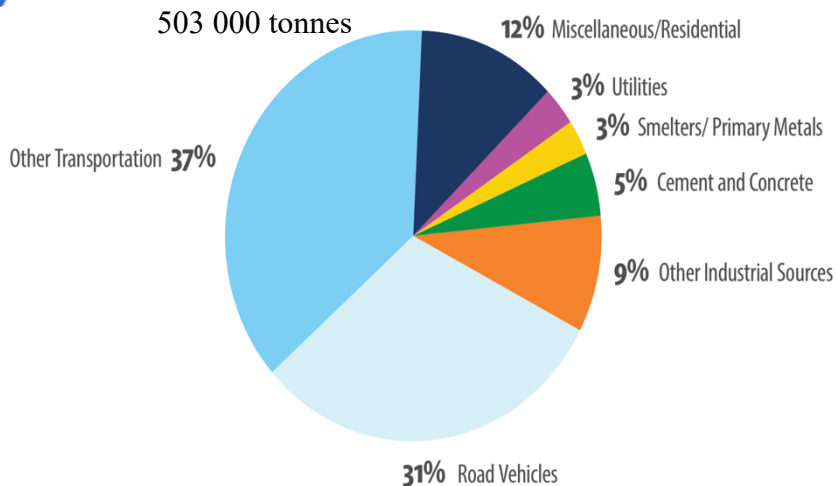
Pollution Sources p. 286-289

Use your knowledge and the graphs to answer the following questions. If the question involves calculations, show your work.

Ontario Sulphur Dioxide Emissions by Sector – 2012 Estimates



Ontario Nitrogen Oxide Emissions by Sector (2015)



1. What is smelting? *In your own words*

2. How many tonnes of sulfur dioxide were produced by generating electricity in 2012?

3. Which is greater—the mass of sulfur dioxide or the mass of nitrogen oxides produced by industrial sources in 2012/2015? How much greater?

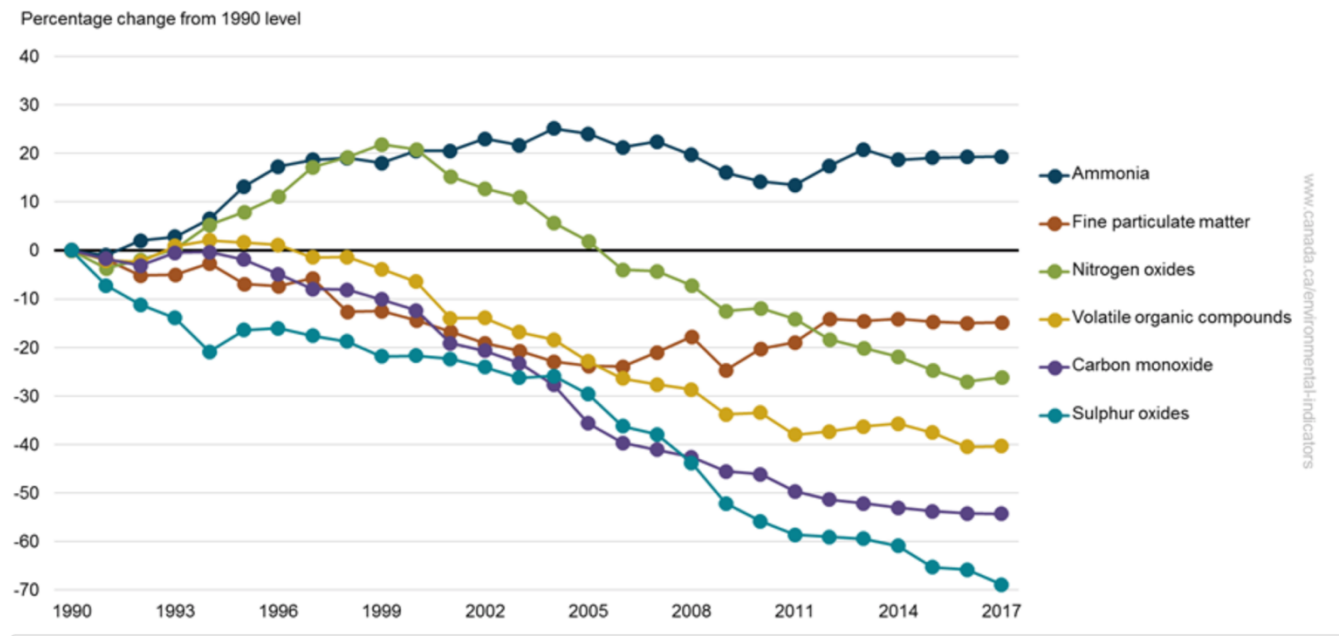
4. How do nitrogen oxides & sulfur dioxide lead to acid rain?

5. Why do you think more nitrogen oxides than sulfur dioxide was produced by transportation?

6. What are 2 environmental impacts of acid precipitation?

7. What are 2 economic impacts of acid precipitation?

Air pollutant emissions, Canada, 1990 to 2017



7. How much have sulfur oxide & nitrogen oxide emissions decreased since 1990?

8. What is being done across Canada to help reduce emissions?

8. What could you do to help reduce emissions?
