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| --- | --- | --- |
| **Recycled Material** | **% contribution to Landfill** | **% Contribution to Landfill by volume** |
| Plastic |  |  |
| Glass |  |  |
| Paper |  |  |
| Food Waste |  |  |
| Metal |  |  |
| Yard Waste |  |  |
| Other Material |  |  |

1. From your sample data, determine which type of material makes up the largest percent of the landfill wastes by weight and which type of material makes up the largest percent by volume.
2. From you sample data, calculate how much trash an average person produces in a year. How much would that be in a day, per person? Compare these data to the amount of trash you produce in a day.
3. Only 20% of all paper is recycled in the United States. From your sample data, determine how many more trees would be saved by a town of 10,000 people if all paper were recycled. (Seventeen trees produce a ton of paper.)

<http://www.glencoe.com/sites/common_assets/science/virtual_labs/ES19/ES19.html>