DIVERSION RATE

Diversion rate is used to display how much waste is diverted from the landfill either by recycling or reusing materials generated.

You will need to know the total amount of all waste generated and, of that, how much was diverted (recycled, repurposed, composted) from going to the landfill in order to calculate the diversion rate.

$$\frac{\text{Weight of Recycling}}{\text{Weight of Recycling} + \text{Weight of Garbage}} \times 100$$

Example Business 1:

- Total amount of material put in the trash = 120 lbs.
- Total amount of material put in the recycling = 80 lbs.
- Total amount of materials generated = 200 lbs.
- Diversion rate: 80 lbs. / 200 lbs. = 0.4 x 100 = **40% diversion**

Example Business 2:

- Total amount of material put in the trash = 80 lbs.
- Total amount of material put in the recycling = 80 lbs.
- Total amount of material composted = 40 lbs.
- Total amount of materials generated = 200 lbs.
- Diversion rate: 120 lbs. / 200 lbs. = 0.6 x 100 = **60% diversion**

Example Business 3:

- Total amount of material put in the trash = 40 lbs.
- Total amount of material put in the recycling = 80 lbs.
- Total amount of material composted = 80 lbs.
- Total amount of materials generated = 200 lbs.
- Diversion rate: 160 lbs. / 2000 lbs. = 0.8 x 100 = **80% diversion**