

## Calculating the Pay As You Throw Rate Guide

Per section § 57.078 SOLID WASTE COLLECTION RATES of the City of Sioux Falls Code of Ordinances:

### § 57.078 SOLID WASTE COLLECTION RATES

- (a) A pay as you throw (PAYT) rate to reward people who reduce their level of solid waste collection service based either upon volume or weight. Haulers must provide **at least two levels of service based on volume or weight**. For each volume increase of **at least one and four-tenths times over a lower level of service** the rate of **each higher level of service must be at least one and one-fourth times the corresponding lower level of service**;

**PART 1** — Licensed haulers must provide **at least two levels of service based on volume or weight**.

- Most commonly, haulers provide service based on volume and supply customers with container sizes of approximately 35-gallons, 65-gallons, or 95-gallons.

**PART 2A** — Licensed haulers must provide at least two levels of service that are **at least one and four-tenths (1.4)** times over the lower level of service.

- Please note that in the sample below, there are four service level sizes listed, and not all sizes meet the size criteria for which the PAYT rate structure applies.
- Sample calculations of cart sizes:



Higher Cart Size	Lower Cart Size	Calculation	PAYT rate structure applies (volume difference is at least <b>1.4</b> )
95-gal	65-gal	$95\text{-gal} \div 65\text{-gal} = 1.46$	Yes (1.46 is at least 1.4)
65-gal	50-gal	$65\text{-gal} \div 50\text{-gal} = 1.30$	No (1.3 is less than 1.4)
50-gal	35-gal	$50\text{-gal} \div 35\text{-gal} = 1.43$	Yes (1.43 is at least 1.4)
65-gal	35-gal	$65\text{-gal} \div 35\text{-gal} = 1.86$	Yes (1.86 is at least 1.4)
95-gal	35-gal	$95\text{-gal} \div 35\text{-gal} = 2.71$	Yes (2.71 is at least 1.4)
95-gal	50-gal	$95\text{-gal} \div 50\text{-gal} = 1.90$	Yes (1.90 is at least 1.4)

**PART 2B** — Licensed haulers must adhere to a PAYT service rate for which each higher level of service must be at least one and one-fourth times (1.25) the corresponding lower level of service for all container sizes with at least a 1.4 difference in size.

- Sample Calculations of cart sizes and monthly rates:



Higher Cart Size & Rate	Lower Cart Size & Rate	Calculation	PAYT rate acceptable (rate difference is at least 1.25)
95-gal @ \$40/mo.	65-gal @ \$32/mo.	$\$40/\text{mo.} \div \$32/\text{mo.} = 1.25$	Yes (1.25 is at least 1.25)
65-gal @ \$32/mo.	50-gal @ \$28/mo.	N/A	Does not apply per Part 2A
50-gal @ \$28/mo.	35-gal @ \$24/mo.	$\$28/\text{mo.} \div \$24/\text{mo.} = 1.17$	No (1.17 is less than 1.25)
65-gal @ \$32/mo.	35-gal @ \$24/mo.	$\$32/\text{mo.} \div \$24/\text{mo.} = 1.33$	Yes (1.33 is at least 1.25)
95-gal @ \$40/mo.	35-gal @ \$24/mo.	$\$40/\text{mo.} \div \$24/\text{mo.} = 1.67$	Yes (1.67 is at least 1.25)
95-gal @ \$40/mo.	50-gal @ \$28/mo.	$\$40/\text{mo.} \div \$28/\text{mo.} = 1.43$	Yes (1.43 is at least 1.25)