Population

393 hospitals
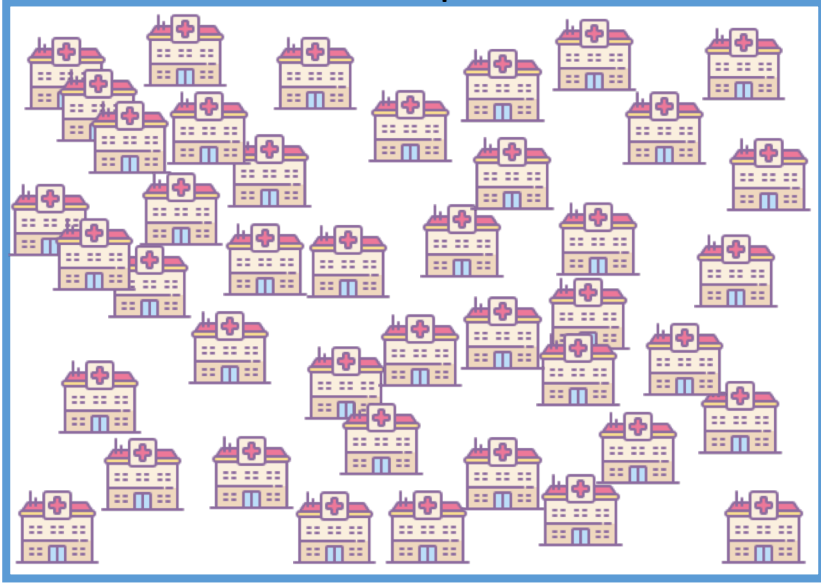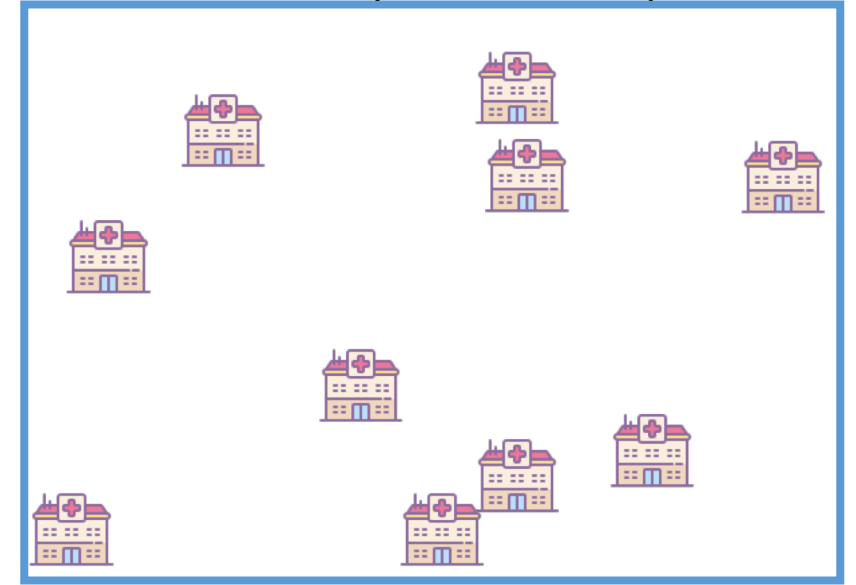

Sample
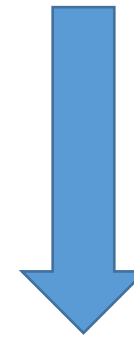
A few randomly selected hospitals

Take Sample

Calculate Sample Statistic

Inference

Our Goal: Estimate the Population Parameter

μ: **population mean** – what is the average number of discharges across all hospitals in the **population**?

$\bar{x}$: **sample mean** – what is the average number of discharges across all hospitals in the **sample**?