

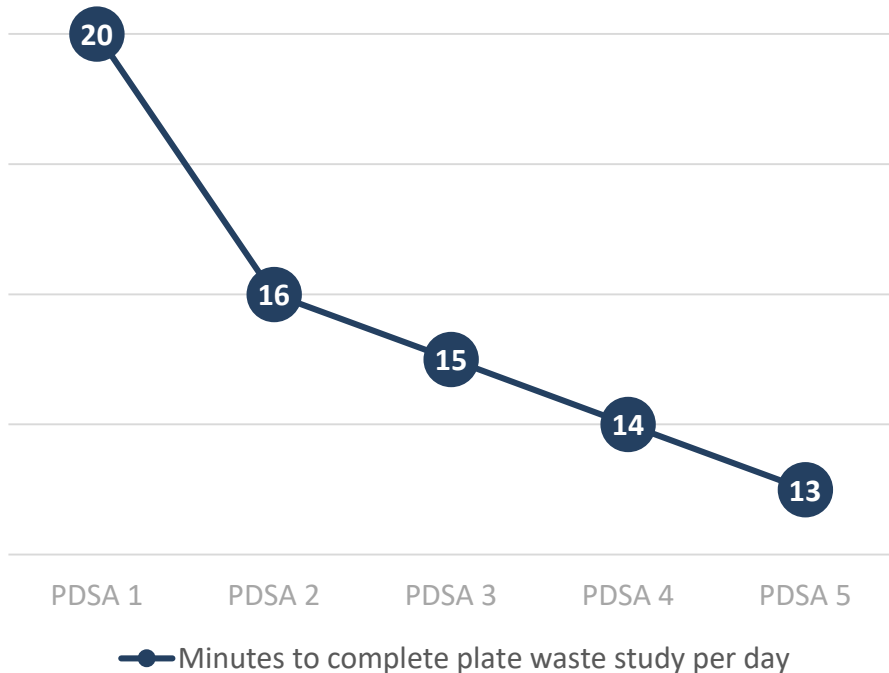


Increasing Efficiency in a Plate Waste Study

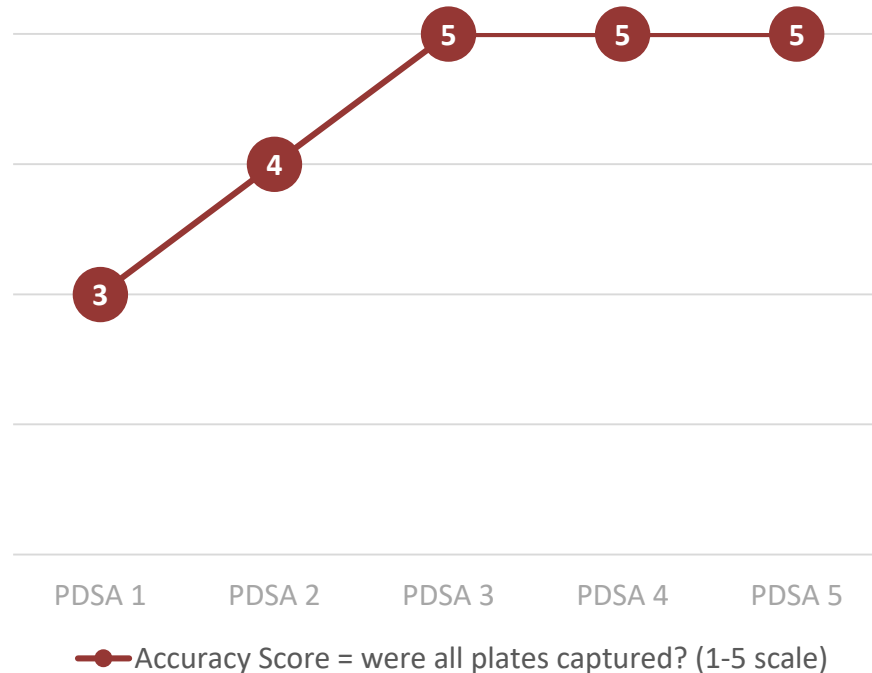
A Success Story



35% decrease in time



40% increase in accuracy



During May 2017, the SNAP-Ed School Health team applied the Model for Improvement they learned at the MCDPH QI Basics training course to a plate waste study at Soleno Elementary School in Osborn School District. Adjustments to the process were made each day as outlined below resulting in the improvements in both time and accuracy illustrated in the charts above:

- PDSA 1** – Students brought trays to empty table, pictures taken to document waste
- PDSA 2** – Students brought trays to empty table, added staff, weighed trash to document waste
- PDSA 3** – Students left trays at lunchroom table, weighed trash to document waste
- PDSA 4** – Students left trays at lunchroom table, emptied milk at tables, then weighed trash
- PDSA 5** – Repeat PDSA 4 process with slight adjustment to staff roles