COVID-19 Vaccine Clinics Excel at Zero Waste

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Background

• Many logistical challenges existed with the COVID-19 vaccine, including cold chain management, multidose vials, and a two-dose regimen.
• Reporting doses administered and doses wasted was required to continue receiving vaccine shipments.
• Vaccine allocation could be jeopardized if facilities had too many wasted doses.

Project Overview

• Utilized a Vaccine Tracker Tool, developed internally with Microsoft Excel and Microsoft Teams, for clinic team and vaccine preparation team to communicate vaccine quantities throughout each clinic.

Outcomes


Benefits

• Vaccine preparation team had real time guidance on the quantity of vaccine to prepare as each clinic progressed.
• The tool was developed using readily available resources, allowing it to be generalized and shared with alternate vaccination sites.
• The Vaccine Tracker Tool guided paced preparation.
• Preparation team was able to account for appointment cancellations and “no-shows” throughout the clinic.
• Clinic team could reliably anticipate vaccines delivered to be within 1 vial (≤ 6 doses) of amount needed to complete appointments.
• Each clinic concluded with zero deliverable waste.