

# INFLUENZA VACCINE DISTRIBUTION

May 11, 2017

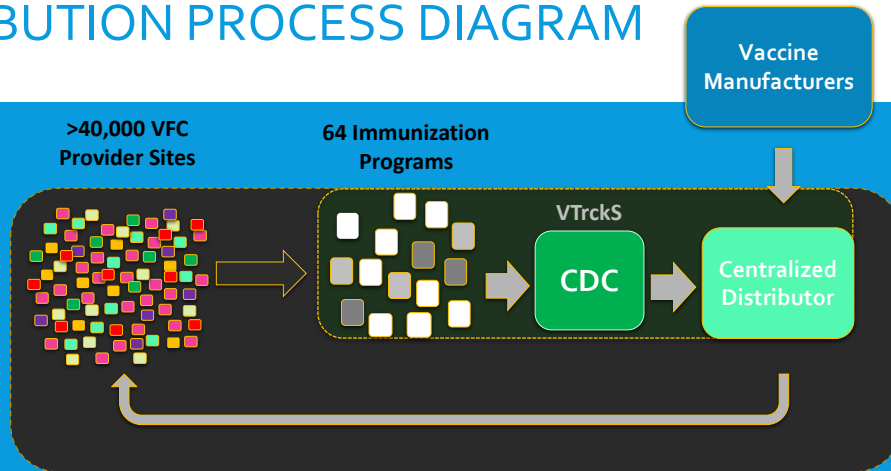
## PUBLIC SECTOR FLU VACCINE PURCHASES

- Each influenza season, a key challenge involves protecting patients as early as possible, before disease peaks and while public demand is high
- CDC purchases flu vaccines for the VFC and Section 317 programs on behalf of the 64 state/local immunization programs it funds using its vaccine purchase contracts, which require
  - Submission of a proposed shipment timeline
  - Equitable treatment of governmental and non-governmental customers in the event of shortage/delay
  - CDC also requests that manufactures plan shipments to achieve equity across depots



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## FOR PUBLIC SECTOR ORDERING/ DISTRIBUTION PROCESS DIAGRAM



## CENTRALIZED DISTRIBUTION AND ALLOCATION PROCESS

Vaccine distribution in the VFC and Section 317 programs is carried out by a centralized vaccine distributor

- As vaccines are received at the distribution depots, CDC enters allocations for all state/local immunization programs who pre-booked the vaccine
- CDC uses allocations to ensure that each program receives a proportionate share of the doses available
- Timeframe for receiving and allocating vaccines within CDC's vaccine order management system to reflect available doses is ~ 1-2 business days
- Once allocations are available, state/local immunization programs can then submit/approve provider vaccine orders

## MID-SEASON SNAPSHOT OF 2016-17

- During the 2016-17 season, CDC analyzed influenza vaccine throughput for its state/local immunization programs
  - For each of four vaccines, we determined the percentage that had been used to submit provider orders out of the total doses that had been allocated to the state/local immunization program.

**Throughput= Number of doses of vaccine #1 ordered/Number of doses of vaccine #1 allocated**

- The analysis was carried out in late October and late November
- We found variability across immunization programs for all four vaccines at both times
- To better understand the variability, we contacted 25 immunization programs to learn more about how they manage influenza vaccine ordering and allocation
- We identified some differences across immunization program approaches but also received feedback regarding the limitations of our analysis, eg. School clinics

## PLANNING FOR 2017-18

- CDC sponsored a webinar in January 2017 in which several immunization programs shared the processes they use to manage influenza vaccine distribution and lessons learned
  - Webinar occurred during the 2017-18 public sector pre-booking process
- CDC will provide similar feedback about influenza vaccine throughput to immunization programs during the 2017-18 season
  - All influenza vaccines will be included
  - Feedback will be provided monthly during the vaccine distribution season