

# **Influenza Vaccine Distribution 2010-2011 Season**

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**CENTERS FOR DISEASE CONTROL AND PREVENTION**



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# Overview

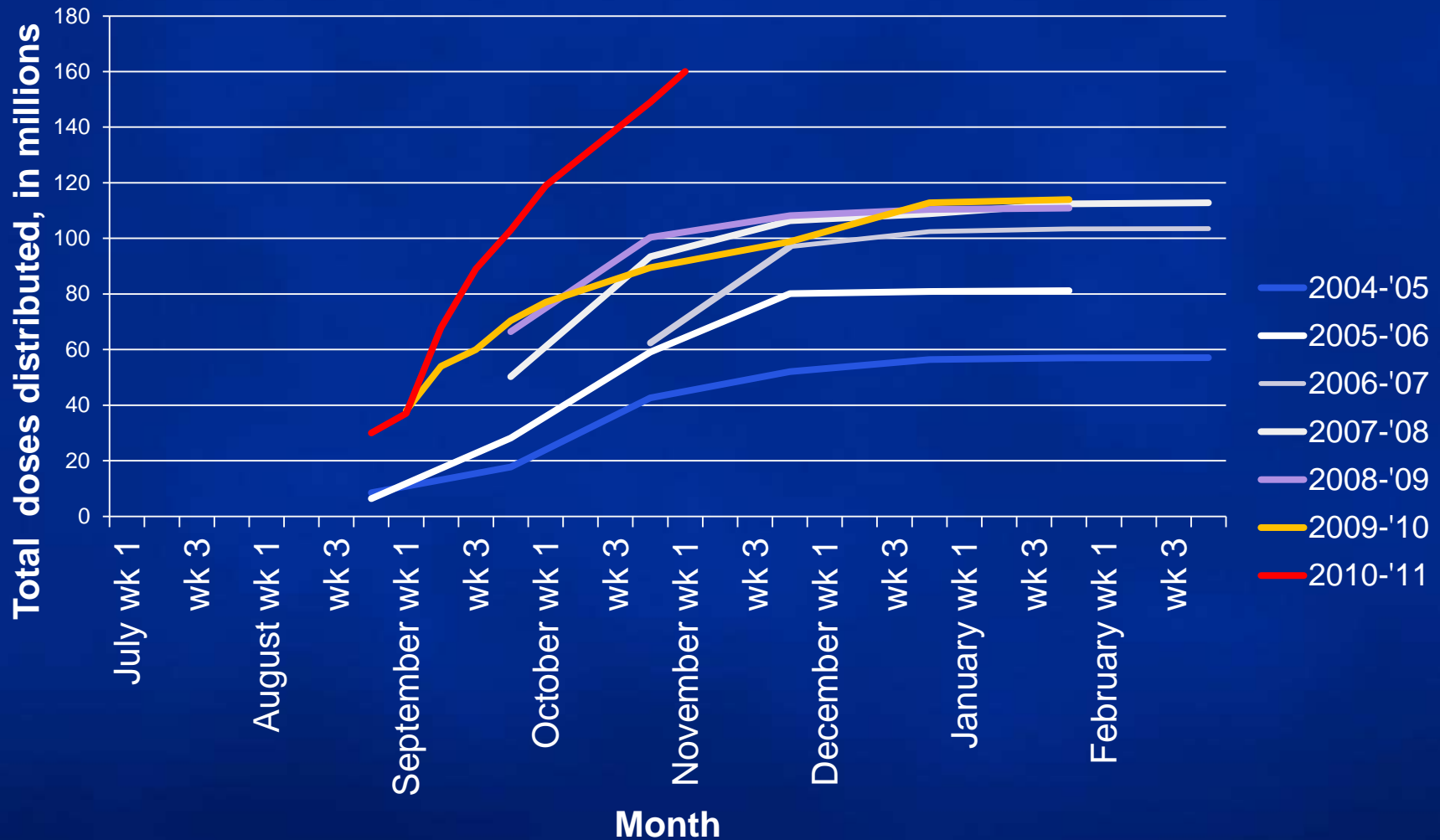
- **National supply overview**
  - Initial projections
  - Comparison with prior seasons
  - Seasonal supply issues this season
- **Public vaccine distribution process**
  - Timing
  - Allocation process
  - How can the process be improved?
- **Special Announcement:  
VOFA Webinar December 6, 2010**



# Flu Vaccine Distribution Status To Date

- **Total US projections for the 2010-11 season**
  - 160-165 m doses across all manufacturers and product types
- **Doses distributed in the US as of November 15, 2010**
  - Approximately 162 m doses (~99.7% of projected total)
- **Most doses ever distributed in the US in a single season**
  - Approximately 114m doses (2009-2010 season)

# Cumulative number of doses of influenza vaccines distributed, by month, by season, 2004-'05 - 2010-'11



# Supply Issues: 2010-11 Season

- **Two Merck Afluria products not available in US market**
  - Relatively minor impact on overall supply (3%)
- **Discrepancies in labeling regarding latex statements of some vaccine products in prefilled syringes**
  - Impacted flu vaccines include: Agriflu, Fluarix, Fluvirin, and Fluzone
  - Each affected manufacturers worked with FDA to update prescribing information, package labeling, and provider communications
  - Impact on availability varied by product (range 1-3 weeks)

# **Public Vaccine Distribution Process, I**

- **Approximately 10-15% of flu vaccine doses purchased on CDC's vaccine contracts and distributed through CDC's centralized vaccine distributor**
- **Distribution utilizes VFC/317 mechanism, with 3 unique aspects**
  - **Multiple shipments to fill bulk orders**
  - **Allocation process to achieve equity of federal doses within a distribution center**
  - **Shorter order fill timeline**
- **Distribution center order size differences impact bulk shipment arrival**

# Public Vaccine Distribution Process, II

- Centralized distribution and allocation process involves several steps that are not part of private vaccine order, purchase, and distribution

Step	Time
Receipt of vaccine at distribution center	1 days
Updating CDC allocation system	1-2 days
Grantee order placement	Varies
Order fulfillment/distribution	3-4 days

# **Public Vaccine Distribution Process, III**

- **These steps mean that if a manufacturer ships doses to a private provider and to one of the CDC distribution centers on the same day, it is not possible for the provider to receive his or her private and public doses in the same day.**

# Flu Vaccine Allocation Process, I

- CDC and McKesson each employ an allocation tool
- CDC allocates doses each day that shipments are received and communicates grantee-specific allocations to McKesson
- CDC conducts comparisons of the two allocation systems weekly to ensure data are in sync

# Flu Vaccine Allocation Process, II

- **Within a distribution center, combined federal order for each NDC is assessed to determine each grantee's percentage of the total federal doses ordered**
- **For each bulk shipment of that NDC, each grantee receives an allocation increase equal to that grantee's percentage for distribution center**
  - **Eg, Memphis DC total federal order for NDC 12345-6789-01=500,000 doses. Grantee X ordered 50,000 federal doses (10% of total order). Grantee X receives 10% of all federal shipments for this product.**
- **Orders purchased with state funds are allocated in whole to the grantee when they are received**
- **Swapping within distribution center is supported**

# How can the process be improved?

- **Better communication**
  - With the public—distinguish national from local and general from specific
  - With grantees—vaccine distribution snapshots, including distribution center differences
- **Expectation management**
  - Tools to assist in provider education and communication
- **Continue to encourage/support later season vaccination**
- **VTrckS**
  - Grantee allocation functionality will allow providers to place orders themselves

# Spend Plan Webinar December 6th

- ❑ A webinar to discuss the impacts of VTrckS on spend plan maintenance and updating is scheduled for December 6, 2010 at 2pm EST
- ❑ The webinar is intended to review the major operational changes that will occur for both pilot and non-pilot grantees once VTrckS is live 12/13/2010
- ❑ **Some of the important changes to be discussed include:**
  - For orders to process through VTrckS , all grantee spend plans will need to be loaded into VTrckS – pilot and non-pilot
  - Grantee budgets are now derived directly from the spend plan; the spend plan will need to be updated and adjusted in order to reflect changes to the budget
  - There will be a transition period in which spend plan data with actuals, is extracted from VTrckS and uploaded into VOFA; spend plan changes in VOFA will also need to then be extracted and uploaded into VTrckS on a cyclical basis
  - Expectations for cutover as well as revised timing of monthly updates will be discussed