

Influenza Vaccine Supply and Distribution Update: 2012-2013 season

Advisory Committee on Immunization Practices

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**DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION**



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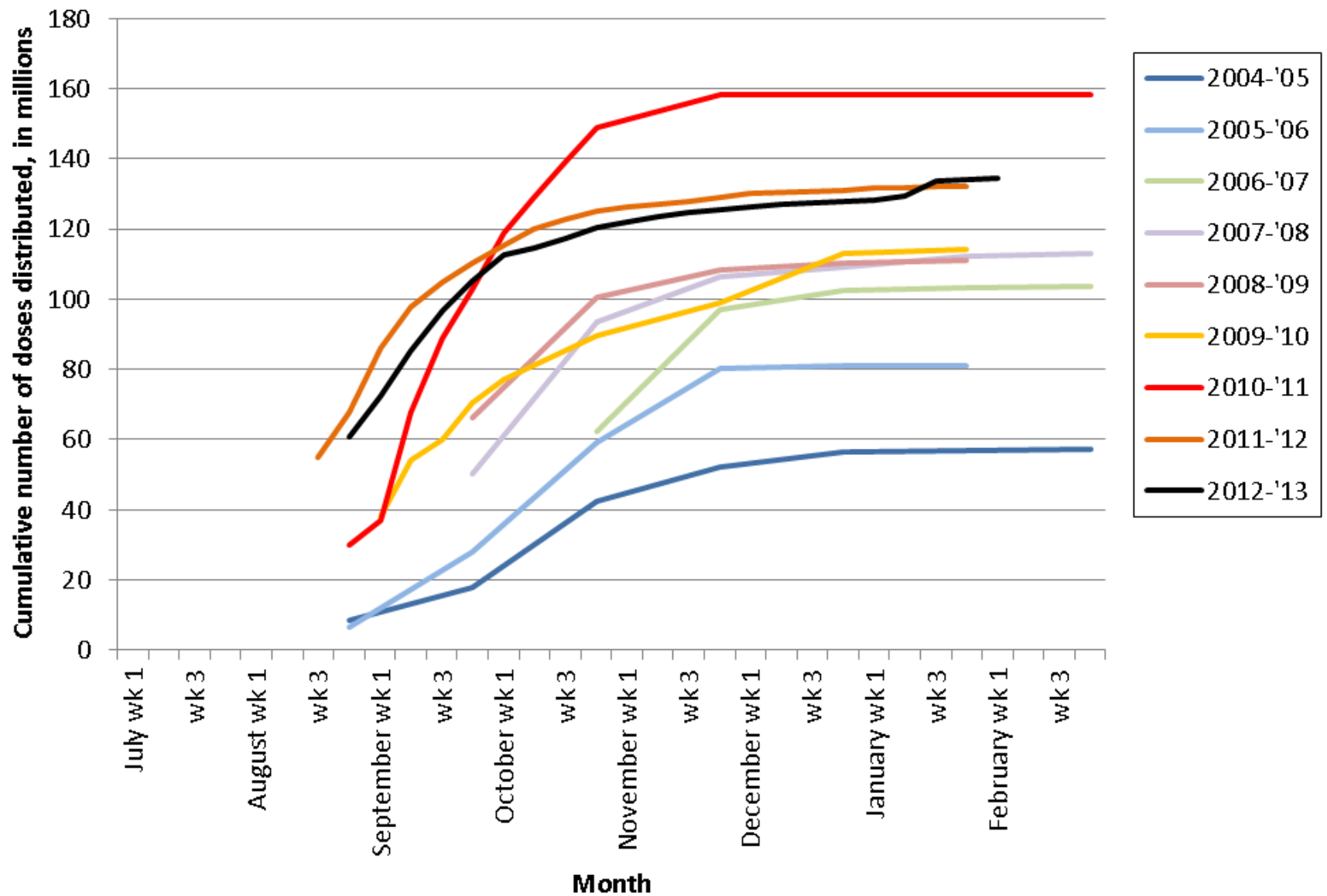
Outline

- **Vaccine production and distribution, 2012-2013 season**
- **Vaccine distribution by month**
- **Increased demand and spot shortages**
- **Response**
- **Anticipated new products for 2013-14**

Vaccine Production and Distribution , 2012-2013 season

- Final number doses produced for US market: 145M doses
- As of February 8, 134.8 million doses distributed
 - Increased demand for vaccine in January more than in recent years

Cumulative doses of influenza vaccines distributed by month, by season:
2004-'05 - 2012-'13



Increased Demand and Spot Shortages

- **Influenza surveillance data indicated an earlier increase in disease incidence compared to recent seasons**
- **Media coverage of influenza disease activity was extensive during the National Influenza Vaccination Week in early December and again in early January when activity significantly increased**
 - **likely contributed to increased vaccine demand**
- **Spot shortages began to be reported in January 2013, a time when flu vaccine distribution is typically largely complete**
 - **Limited supplies for purchase of vaccine for young children**
 - **Additional doses of 0.25ml single dose syringe vaccine became available first of February**

Response

- **Pointing providers toward vaccine still available for purchase**
 - http://www.preventinfluenza.org/ivats/ivats_healthcare.asp
- **Pointing the public toward flu vaccine clinics in their jurisdictions**
 - <http://flushot.healthmap.org/>
- **Confirmed estimates of vaccine production and distribution with manufacturers/ distributors**
- **Brief survey of National Influenza Vaccination Summit Members**

New Products for 2013-14 season

- **Several new products and types of influenza vaccines are anticipated for the 2013-14 season**
 - **Quadrivalent vaccines from several currently licensed US vaccine manufacturers**
 - **New cell-based vaccine from Novartis, licensed in November 2012**
 - **New recombinant vaccine from Protein Sciences, licensed in January 2013**

Conclusions

- **Increase in influenza vaccine distribution in January occurred for first time in past decade**
- **Tools for providers and the public can help to address vaccine demand late in season, when some providers have exhausted their vaccine supplies**
- **Vaccine supply estimates for the 2013-14 season are not yet available in May 2013, but new products and brands are anticipated**