The Impact of Influenza

- About half of 226,000 hospitalizations and 3,000 - 49,000 annual influenza-related deaths occur among ≥ 65 years of age.
  - Severe illness, however, can occur in any age group, e.g. 120 lab-confirmed flu-related deaths in children 2010-11 season.

- Significant cost burden to the US economy - $8.7 billion annually.

- Influenza vaccination is the primary means to prevent illness and complications from influenza.
The healthcare supply chain plays a critical role each flu season in delivering products to prevent the spread of the flu virus and protect the health of millions of Americans.

Distributors provide flu vaccines, rapid diagnostic tests, hypodermic supplies and other critical medical products to healthcare settings across the US.

**U.S. Healthcare Distribution Companies Annually Serve:**

- 210,240 Physician Offices
- 44,061 Assisted Living Facilities and Nursing Homes
- 6,512 Hospitals
- 33,722 Medical Facilities
Partners in the Flu Season

McKnight’s Long-Term Care News

Educational Tools for Providers and Policymakers

Safe and Efficient Flu Vaccination Administration
How Prefilled Syringes Can Help

Risk in the Vaccination Process: It’s Real

Unfortunately, even experienced vaccination sites remain subject to human error that can cause healthcare-associated infections or medication mis-ups. For example:

- Nurses and physicians still occasionally mix up or reuse safety syringes or needles in ways that increase the risk of bloodborne infections from previous patients.
- Other mistakes include administering the wrong dose of vaccine, using the wrong vaccine vials, or not properly storing or handling vaccines.
- Errors can increase when vaccine is prepared and labeled by hand.

Production & Distribution of Flu Vaccine

Number of doses of flu vaccine distributed each season in Millions -

- 2008-2009: 135.9
- 2009-2010: 280*
- 2010-2011: 163
- 2011-2012: 132.1
- 2012-2013: 134.9
- 2013-2014: 134.5**

*Includes both H1N1 and seasonal flu vaccine production

**As reported by the CDC on February 28, 2014
HIDA Flu Vaccine Production & Distribution Market Brief

HIDA Conducts a survey each year and uses the results to produce the Influenza Vaccine Production & Distribution Market Brief

- Provides insights into the flu products supply chain, featuring information gleaned in the survey.
- The market brief provides updates on key information, including:
  - Flu Vaccine Supply and Production for the Current Season
  - Patient and Physician Vaccination Trends
  - Manufacturing and Distribution Processes
  - Sites for Patient Vaccination
  - Medicare Reimbursement Guide
  - Managing Influenza with Diagnostic Resources
  - The Effort to Achieve Universal Vaccination

HIDA Early Flu Survey Results

Distributors supply all manner of providers during flu season –

- Community health clinics: 85.7%
- Primary care offices: 85.7%
- Specialty care facilities: 78.6%
- Hospitals: 64.3%
- Skilled nursing facilities: 57.1%
- Home health: 57.1%
- School-based clinics: 50%
- Workplace settings: 42.9%
- Pharmacy/retail: 28.6%
- Clinical labs: 28.6%
HIDA Early Flu Survey Results

Flu vaccine options available through distribution in 2013-14 season:

- Multidose: 71%
- Prefilled: 19%
- Nasal: 9%
- High Dose: 1%
- Intradermal: 1%

Helping providers track and diagnose the flu virus...

Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS Collaborating Laboratories, National Summary, 2013-14

Source: Centers for Disease Control & Prevention, retrieved on May 13, 2014
Thank You!

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