



# Zoster Vaccine Session: Introduction

**ACIP Meeting**

**October 29, 2020**

Grace Lee, MD, MPH

ACIP Chair, Herpes Zoster Work Group

# 2020 Herpes Zoster Work Group

ACIP Members	
Grace Lee, MD, MPH (Chair)	
Lynn Bahta, RN, MPH	
Ex Officio Members	
Paula Agger, MD, MPH	FDA
Jeffrey Cohen, MD	NIH
Darcie Everett, MD, MPH	FDA
Jeffrey Kelman, MD	CMS
Liaison Representatives	
Jeffrey Duchin, MD	IDSA/NACCHO
Mary Pat Friedlander, MD	AAFP
Sandra Fryhofer, MD	ACP/AMA
Elizabeth Rausch-Phung, MD, MPH	AIM
William Schaffner, MD	NFID
Kenneth Schmader, MD	AGS
Adam Welch, PharmD	APhA

Invited Consultants
Robin Avery, MD
Edward Belongia, MD
Al Benson, MD
Paul Cieslak, MD
Jeffrey Curtis, MD, MPH
Jay Fishman, MD
Rafael Harpaz, MD, MPH
Camille Kotton, MD
Kelly Moore, MD, MPH
Vicki Morrison, MD
Steven Pergam, MD
Lisa Prosser, PhD
CDC Lead
Tara Anderson, DVM, MPH, PhD

# In October 2017, the ACIP made the following recommendations:

- 1) Recombinant zoster vaccine (RZV, Shingrix) is recommended for the prevention of herpes zoster and related complications for immunocompetent adults aged  $\geq 50$  years.
- 2) RZV is recommended for the prevention of herpes zoster and related complications for immunocompetent adults who previously received zoster vaccine live (ZVL, Zostavax).
- 3) RZV is preferred over ZVL for the prevention of herpes zoster and related complications.

CDC 2018 Herpes Zoster Policy Note recommendations serve as a supplement to the existing recommendations for the use of ZVL in immunocompetent adults aged  $\geq 60$  years.

Dooling et al. MMWR Jan 25, 2018

# Herpes Zoster Vaccine Updates

## ■ ZVL (Zostavax)

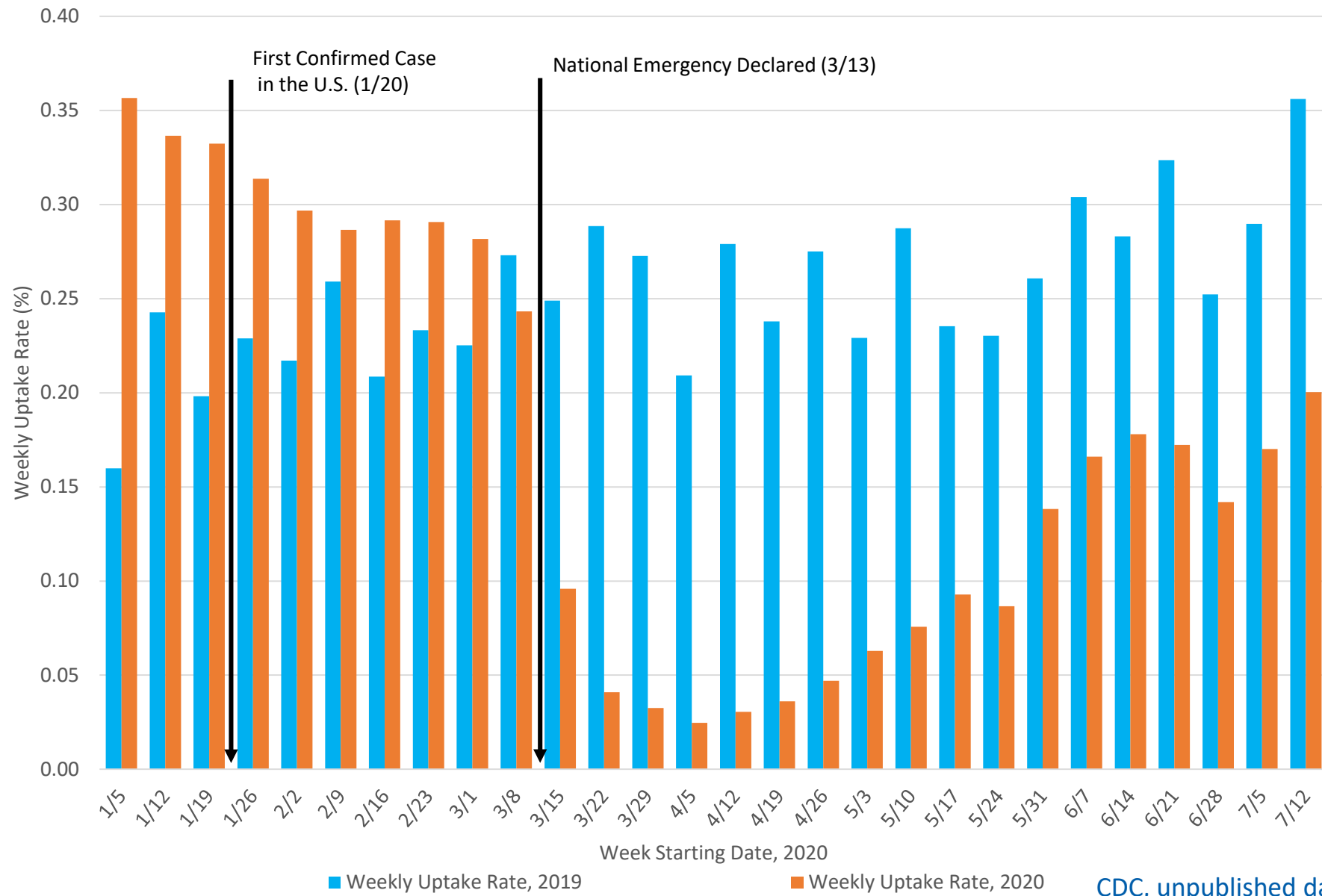
- Effective July 1, 2020, Zostavax no longer sold in the United States
- Remaining product will expire by November 18, 2020

## ■ RZV (Shingrix)

- 33 million doses distributed from launch through second quarter of 2020
- Shingrix inventory available to meet demand across all distribution channels
- European Commission approved an expanded indication on August 25, 2020; Shingrix now approved in the European Union for prevention of herpes zoster and postherpetic neuralgia in adults 50 years of age or older, and adults 18 years of age or older at increased risk of herpes zoster

<https://www.ema.europa.eu/en/medicines/human/EPAR/shingrix#assessment-history-section>

**Figure: Weekly Uptake Rate of RZV among Medicare Beneficiaries ≥65 — CMS Medicare Enrollment and Claims Data, United States, January 6, 2019 – July 20, 2019 and January 5, 2020 – July 18, 2020**



CDC, unpublished data

# Herpes Zoster Work Group Activities since June 2019

## ■ June 2019 ACIP Meeting Presentations

- Summary of RZV post-licensure safety monitoring activities to date in three systems: Vaccine Adverse Event Reporting System (VAERS), Vaccine Safety Datalink (VSD), Medicare data
- Summary of Herpes Zoster Work Group (HZWG) interpretation of findings

## ■ 14 Subsequent HZWG Meetings

- RZV post-licensure safety and uptake monitoring
- RZV efficacy and immunogenicity in immunocompetent and immunocompromised adults
- PICO for use of RZV in immunocompromised adults

# RZV Safety Monitoring Updates and Next Steps

- Update on post-licensure safety monitoring of RZV in VAERS
- VSD update on post-licensure safety monitoring of RZV
- Risk of Guillain-Barré syndrome following herpes zoster
- Summary and planned risk-benefit analysis regarding use of RZV in immunocompetent adults

# Acknowledgments

- **ACIP HZWG:** Paula Agger, Robin Avery, Lynn Bahta, Edward Belongia, Al Benson, Paul Cieslak, Jeff Cohen, Jeff Curtis, Jeff Duchin, Darcie Everett, Jay Fishman, Mary Pat Friedlander, Sandra Fryhofer, Rafael Harpaz, Jeff Kelman, Camille Kotton, Vicki Morrison, Kelly Moore, Steve Pergam, Lisa Prosser, Elizabeth Rausch-Phung, Bill Schaffner, Ken Schmader, Adam Welch
- **HZWG CDC Lead:** Tara Anderson
- **CDC, Other Contributors:** Tom Clark, Amanda Cohn, Kathleen Dooling, Jonathan Duffy, Richard Forshee, Angela Guo, Theresa Harrington, Elisabeth Hesse, Lisa Jackson, Jessica Leung, Shainoor Ismail, Kathryn Ivy, Tara Jatlaoui, Andrew Kroger, Andrew Leidner, Mona Marin, Karen Mason, Jennifer Nelson, Ismael Ortega-Sanchez, Mark Pallansch, Manisha Patel, Coleman Rotstein, Jeanne Santoli, Tom Shimabukuro, Jeannette St. Pierre, John Su, Megan Wallace, Eric Weintraub, Kirsten Yates