

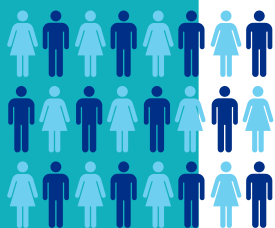
# VACCINES ARE SAFE:



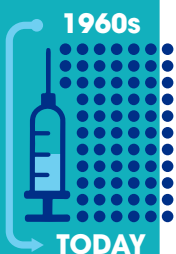
**5 phases of research and development** that can take **up to 15 years** are completed before a vaccine can be approved by the US Food & Drug Administration for public use<sup>1</sup>



**4 separate surveillance systems** are used to oversee and monitor vaccine efficacy and safety in the US<sup>2</sup>



**3 phases of clinical trials involving THOUSANDS of volunteers** are required to ensure the safety of vaccines prior to approval for public use in the US<sup>3</sup>



**BILLIONS of vaccine doses have been safely administered in the US** for more than **50** years and serious adverse events are rare<sup>4</sup>



Recommended childhood immunizations in the US protect against **16** dangerous vaccine-preventable diseases<sup>5</sup>

**Sources:** 1. The History of Vaccines 2. Centers for Disease Control and Prevention 3. US Food and Drug Administration 4. Centers for Disease Control and Prevention 5. American Academy of Pediatrics