





# IMPACTS OF Hib VACCINES

## HEALTH

- First conjugate vaccine approved to treat an infectious disease.<sup>30</sup>
- More than 90% of children in the U.S. receive the Hib vaccine.<sup>31</sup>

Incidence of Hib cases declined more than 99% following availability of the conjugate vaccine.

## SOCIETY

- Hospitalization for Hib-meningitis costs upwards of \$38,000 depending on the severity of the disease.<sup>36</sup>
- NIH-supported researchers started a company and successfully moved Hib and other experimental vaccines through the full product development pipeline.<sup>37</sup>

For children born in 2009 alone, Hib vaccination saves \$3.7 billion, including more than \$1.8 billion in direct treatment costs.<sup>35</sup>

## KNOWLEDGE

- Hib vaccine research provided fundamental understanding of how the infant immune system works, stimulating new strategies for developing effective vaccines for infants.
- The Hib conjugate vaccine technology has been applied to **create several vaccines against other disease-causing bacteria**, such as pneumococci, meningococci, Salmonella typhi, group B streptococci, and E coli.<sup>38</sup>

## HIB DISEASE NEARLY ELIMINATED IN THE U.S. FOLLOWING THE VACCINE

**A** FDA Approved Hib Vaccines **B** Hib Vaccines Added to CDC Childhood Vaccine Schedule

