

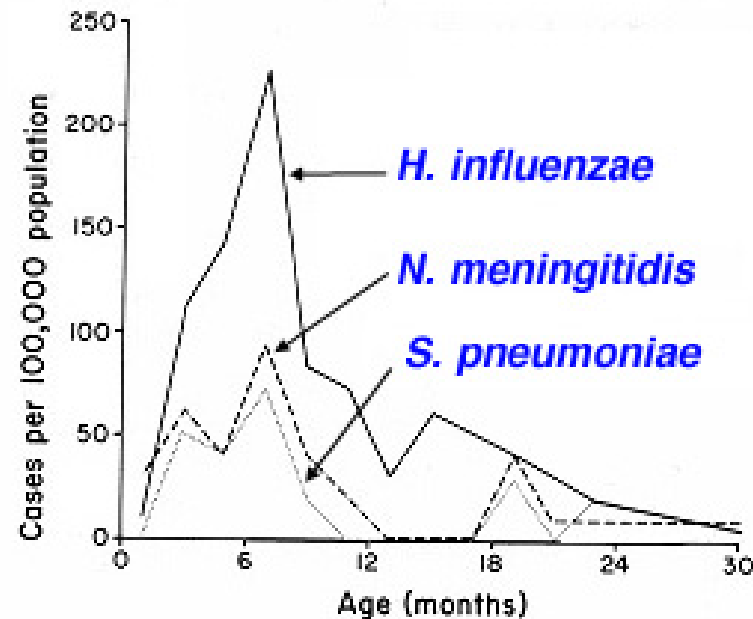


# Prevention of Hib-meningitis by vaccination.

JBM Kuks

Workpiece for the EBN-Examination

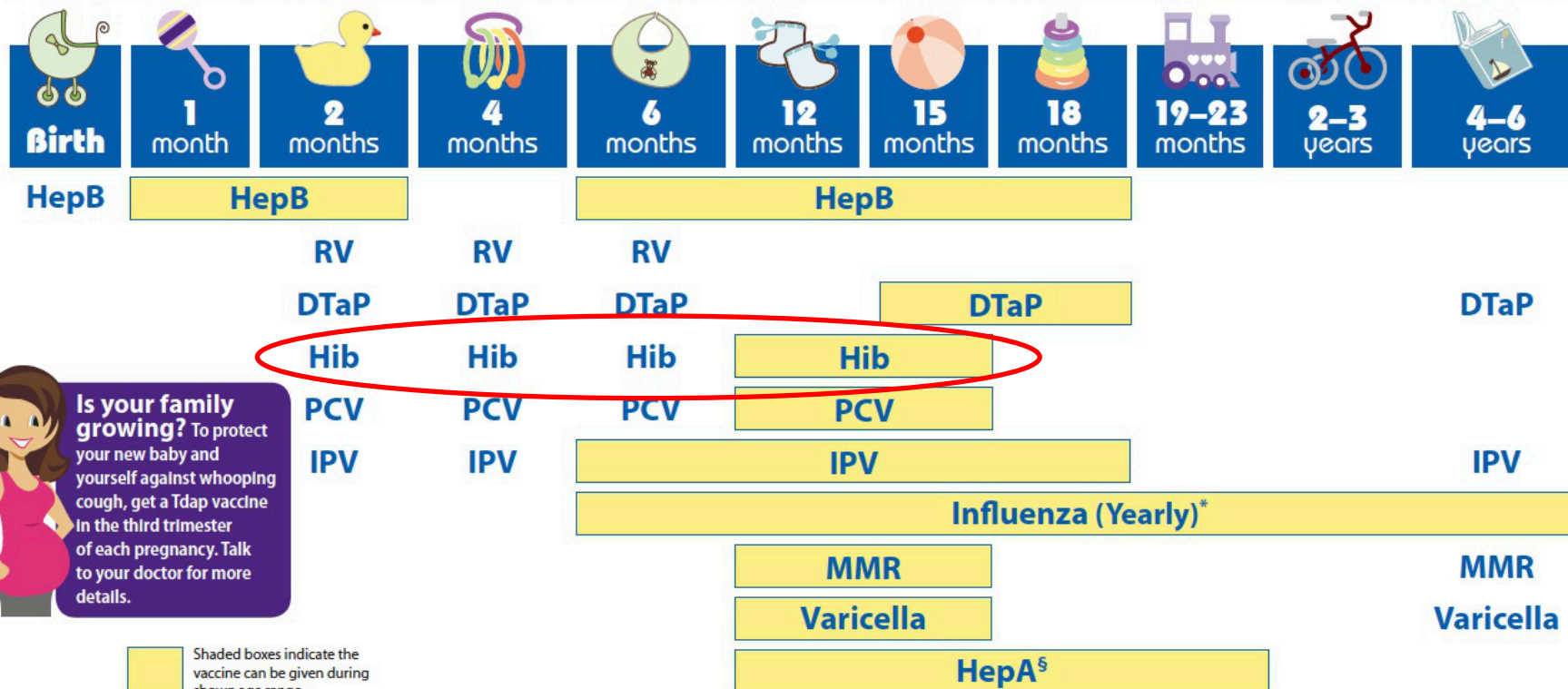




**Figure 6. Age-specific incidence of bacterial meningitis caused by *Haemophilus influenzae*, *Neisseria meningitidis* and *Streptococcus pneumoniae* prior to 1985.**



# 2014 Recommended Immunizations for Children from Birth Through 6 Years Old



**NOTE:** If your child misses a shot, you don't need to start over, just go back to your child's doctor for the next shot. Talk with your child's doctor if you have questions about vaccines.

**FOOTNOTES:**

- \* Two doses given at least four weeks apart are recommended for children aged 6 months through 8 years of age who are getting a flu vaccine for the first time and for some other children in this age group.
- § Two doses of HepA vaccine are needed for lasting protection. The first dose of HepA vaccine should be given between 12 months and 23 months of age. The second dose should be given 6 to 18 months later. HepA vaccination may be given to any child 12 months and older to protect against HepA. Children and adolescents who did not receive the HepA vaccine and are at high-risk, should be vaccinated against HepA.

*If your child has any medical conditions that put him at risk for infection or is traveling outside the United States, talk to your child's doctor about additional vaccines that he may need.*

SEE BACK PAGE FOR MORE INFORMATION ON VACCINE-PREVENTABLE DISEASES AND THE VACCINES THAT PREVENT THEM.

For more information, call toll free  
**1-800-CDC-INFO** (1-800-232-4636)  
or visit  
<http://www.cdc.gov/vaccines>



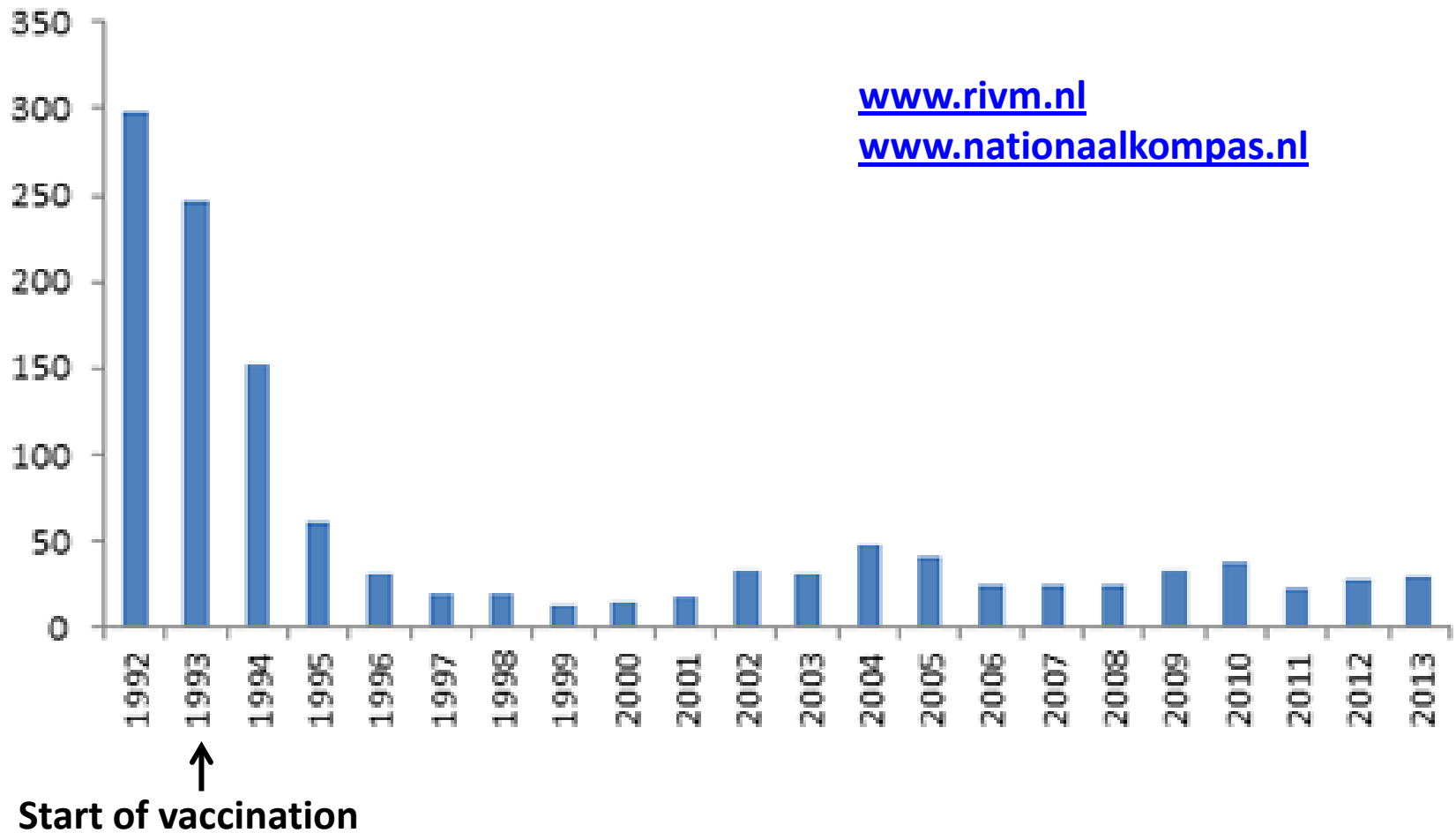
**U.S. Department of  
Health and Human Services**  
Centers for Disease  
Control and Prevention



**American Academy  
of Pediatrics**

DEDICATED TO THE HEALTH OF ALL CHILDREN™





**HIB-Meningitis. Cases per year in the Netherlands**

# Serious Side-effects at Several Ages

[www.lareb.nl](http://www.lareb.nl)

Categorie	Totaal	Leeftijd waarop vaccinaties gegeven					
		2,3,4m	11m	14m	4j	9j	12j
A. injectieplaats reacties	3	1		1			1
B. algemeen ziek	29	18	3	4			4
C. allergische aandoeningen	0						
D. immuunsysteem gerelateerde aandoeningen	3			2			1
E. huilen	1	1					
F. bloed- en stollingsafwijkingen	0						
G. algemene huidverschijnselen	5	4		1			
H. huidverkleuring	0						
I. wegrakingen	10	9		1			
J. aanvallen en stuipen	14	1	2	8	1	1	1
K. overige aandoeningen zenuwstelsel	6	1	3	1			1
O. overlijden	0						
<b>Totaal</b>	<b>71</b>	<b>35</b>	<b>8</b>	<b>18</b>	<b>1</b>	<b>1</b>	<b>8</b>

Unspecified fits

Epileptic fits

Other CNS diseases





# Word-wide vaccination



The 8  
Millennium  
Development  
Goals



# Barriers for vaccine adoption

Phil Trans R Soc 2011; 366: 2827-2832

1. Unawareness of factors needed for EBM decisions to meet a country's health goals.
2. Lack of knowledge how to introduce vaccine introduction and to get to a long-term programme sustainability.
3. Lack of coordination of stakeholders on global, national en regional levels.



Hajjeh 2011

