

## Catch-Up Guidance for Healthy<sup>1</sup> Children 4 Months through 4 Years of Age

### *Haemophilus influenzae* type B Vaccines: ActHIB, Pentacel, Hiberix, or Unknown

The table below provides guidance for children whose vaccinations have been delayed. Start with the child's age and information on previous doses (previous doses must be documented and must meet minimum age requirements and minimum intervals between doses). Use this table in conjunction with table 2 of the Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger, found at [www.cdc.gov/vaccines/schedules/hcp/child-adolescent.html](http://www.cdc.gov/vaccines/schedules/hcp/child-adolescent.html).

IF current age is	AND # of previous doses is	AND		THEN	Next dose due
4 through 6 months	Unknown or 0	→		Give Dose 1 today	Give Dose 2 at least 4 weeks after Dose 1
	1	It has been at least 4 weeks since Dose 1		Give Dose 2 today	Give Dose 3 at least 4 weeks after Dose 2
		It has <b>not</b> been 4 weeks since Dose 1		No dose today	Give Dose 2 at least 4 weeks after Dose 1
	2	It has been at least 4 weeks since Dose 2		Give Dose 3 today	Give Dose 4 ( <b>Final Dose</b> ) at 12 months of age or older
		It has <b>not</b> been 4 weeks since Dose 2		No dose today	Give Dose 3 at least 4 weeks after Dose 2
7 through 11 months	Unknown or 0	→	→	Give Dose 1 today	Give Dose 2 at least 4 weeks after Dose 1
	1	It has been at least 4 weeks since Dose 1	→	Give Dose 2 today	IF Dose 1 was given <b>before</b> 7 months of age, give Dose 3 at least 4 weeks after Dose 2
			→		IF Dose 1 was given at 7 months of age or older, give Dose 3 ( <b>Final Dose</b> ) at least 8 weeks after Dose 2 <b>and</b> no earlier than 12 months of age
		It has <b>not</b> been 4 weeks since Dose 1	→	No dose today	Give Dose 2 at least 4 weeks after Dose 1
	2	Dose 1 was given <b>before</b> 7 months of age	It has been at least 4 weeks since Dose 2	Give Dose 3 today	Give Dose 4 ( <b>Final Dose</b> ) at least 8 weeks after Dose 3 <b>and</b> no earlier than 12 months of age
			It has <b>not</b> been 4 weeks since Dose 2	No dose today	Give Dose 3 at least 4 weeks after Dose 2
		Dose 1 was given at 7 months of age or older	→	No dose today	Give Dose 3 ( <b>Final Dose</b> ) at least 8 weeks after Dose 2 <b>and</b> no earlier than 12 months of age

<sup>1</sup> Refer to notes of the Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger—United States, 2021, for immunization guidance for children at increased risk for *Haemophilus influenzae* type b disease.

Reference: Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger—United States, 2021.  
[www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-child-combined-schedule.pdf](http://www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-child-combined-schedule.pdf)

# Appendix A

## Catch-Up Guidance for Healthy<sup>1</sup> Children 4 Months through 4 Years of Age

### *Haemophilus influenzae* type B Vaccines: ActHIB, Pentacel, Hiberix, or Unknown

IF current age is	AND # of previous doses is	AND	AND	AND	THEN	Next dose due	
12 through 14 months	Unknown or 0	→	→	→	Give Dose 1 today	Give Dose 2 ( <b>Final Dose</b> ) at least 8 weeks after Dose 1	
	1	Dose 1 was given <b>before</b> 12 months of age	It has been at least 4 weeks since Dose 1	→	Give Dose 2 today	Give Dose 3 ( <b>Final Dose</b> ) at least 8 weeks after Dose 2	
			It has <b>not</b> been 4 weeks since Dose 1	→	No dose today	Give Dose 2 at least 4 weeks after Dose 1	
		Dose 1 was given at 12 months of age or older	It has been at least 8 weeks since Dose 1	→	Give Dose 2 ( <b>Final Dose</b> ) today	<b>No additional doses needed</b>	
			It has <b>not</b> been 8 weeks since Dose 1	→	No dose today	Give Dose 2 ( <b>Final Dose</b> ) at least 8 weeks after Dose 1	
	2	Dose 1 was given <b>before</b> 12 months of age	It has been at least 8 weeks since Dose 2	→	Give Dose 3 ( <b>Final Dose</b> ) today	<b>No additional doses needed</b>	
			It has <b>not</b> been 8 weeks since Dose 2	→	No dose today	Give Dose 3 ( <b>Final Dose</b> ) at least 8 weeks after Dose 2	
		Dose 1 was given at 12 months of age or older	→	→	No dose today	<b>No additional doses needed</b>	
	3	All doses were given <b>before</b> 12 months of age	→	It has been at least 8 weeks since Dose 3	→	Give Dose 4 ( <b>Final Dose</b> ) today	<b>No additional doses needed</b>
				It has <b>not</b> been 8 weeks since Dose 3	→	No dose today	Give Dose 4 ( <b>Final Dose</b> ) at least 8 weeks after Dose 3
		At least one dose was given at 12 months of age or older	→	→	No dose today	<b>No additional doses needed</b>	

A

<sup>1</sup> Refer to notes of the Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger—United States, 2021, for children at increased risk for *Haemophilus influenzae* type b disease.

Reference: Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger—United States, 2021.  
[www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-child-combined-schedule.pdf](http://www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-child-combined-schedule.pdf)

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IF current age is	AND # of previous doses is	AND	AND	AND	THEN	Next dose due		
15 through 59 months	Unknown or 0	→	→	→	Give Dose 1 (Final Dose) today	<b>No additional doses needed</b>		
	1	Dose 1 was given <b>before</b> 12 months of age	→	→	→	Give Dose 2 (Final Dose) today	<b>No additional doses needed</b>	
		Dose 1 was given at 12 through 14 months of age	It has been at least 8 weeks since Dose 1	→	→	Give Dose 2 (Final Dose) today	<b>No additional doses needed</b>	
			It has <b>not</b> been 8 weeks since Dose 1	→	→	No dose today	Give Dose 2 (Final Dose) at least 8 weeks after Dose 1	
		Dose 1 was given at 15 months of age or older	→	→	→	No dose today	<b>No additional doses needed</b>	
	2	Dose 1 was given <b>before</b> 12 months of age	Dose 2 was given <b>before</b> 15 months of age	It has been at least 8 weeks since Dose 2	→	→	Give Dose 3 (Final Dose) today	<b>No additional doses needed</b>
				It has <b>not</b> been 8 weeks since Dose 2	→	→	No dose today	Give Dose 3 (Final Dose) at least 8 weeks after Dose 2
		Dose 2 was given at 15 months of age or older	→	→	→	No dose today	<b>No additional doses needed</b>	
		Dose 1 was given at 12 months of age or older	→	→	→	No dose today	<b>No additional doses needed</b>	
	3	Dose 3 was given <b>before</b> 15 months of age	All doses were given <b>before</b> 12 months of age	→	→	→	Give Dose 4 (Final Dose) today	<b>No additional doses needed</b>
			At least one dose was given at 12 months of age or older	→	→	→	No dose today	<b>No additional doses needed</b>
		Dose 3 was given at 15 months of age or older	→	→	→	→	No dose today	<b>No additional doses needed</b>

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