

## IMPACT OF VACCINES

Mandated immunizations appear to have made a major difference in fighting vaccine-preventable diseases. The incidence rate for such diseases has fallen 88% since the vaccines were introduced, according to estimates from the Centers for Disease Control and Prevention. Mortality from these once-deadly diseases has dropped 99%.

Disease	PREVACCINE		POSTVACCINE			
	Annual cases	Annual deaths	2006 cases	Percent reduction	2004 deaths	Percent reduction
Diphtheria	21, 053	1,822	0	100%	0	100%
Haemophilus influenzae type b	20,000	1,000	< 50*	99.8%	<5*	99.5%
Hepatitis B	66,232	237	13,169	80.1%	47	80.2%
Measles	530,217	440	55	99.9%	0	100%
Mumps	162,344	39	6,584	95.9%	0	100%
Pertussis	200,752	4,034	15,632	92.2%	27	99.3%
Polio	36,110	3,272	0	100%	0	100%
Rubella	47,897	17	12	99.9%	0	100%
Tetanus	580	472	41	92.9%	4	99.2%
Varicella	4,085,120	105	48,445	85.0%	19	81.9%

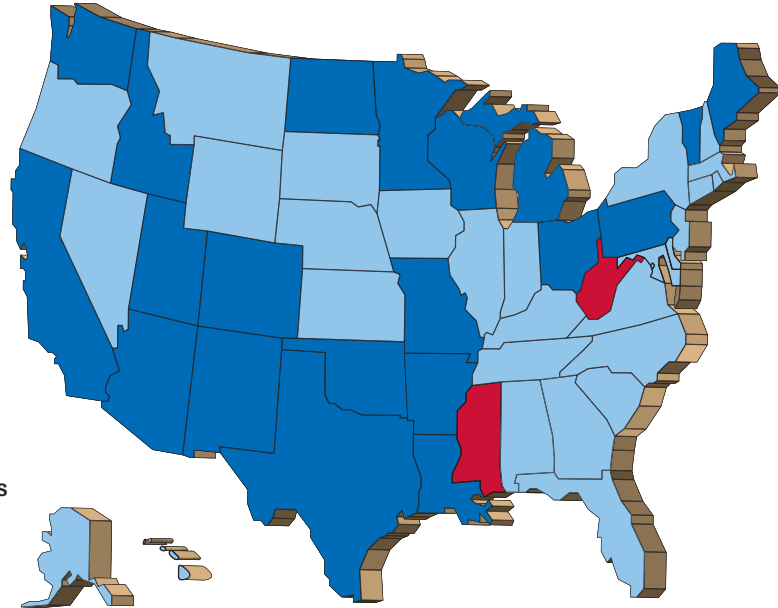
\*DATA FOR HAEMOPHILUS INFLUENZAE TYPE B ARE FROM 2005.

SOURCE: "HISTORICAL COMPARISONS OF MORBIDITY AND MORTALITY FOR VACCINE-PREVENTABLE DISEASES IN THE UNITED STATES," JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, NOV. 14, 2007

# STATE IMMUNIZATION EXEMPTIONS

The conditions and procedures for parents to exempt children from immunizations required for school entry vary by state. Every state allows exemptions for medical contraindications. Every state but Mississippi and West Virginia allows religious exemptions. Twenty states also allow exemptions for philosophical beliefs.

- Allow only medical exemptions
- Allow medical or religious exemptions from required vaccines
- Allow medical, religious or personal-belief exemptions



SOURCE: "STATES WITH RELIGIOUS AND PHILOSOPHICAL EXEMPTIONS FROM SCHOOL IMMUNIZATION REQUIREMENTS," NATIONAL CONFERENCE OF STATE LEGISLATURES, AUGUST.

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