

<b>1. Prevent disease through vaccination</b>	VT 2005 Baseline	VT 2009 cases	2010 Goal
Reduce or eliminate cases of vaccine-preventable diseases			
Congenital rubella (children < 1 year)	0	0	0
Diphtheria (last case 1955)	0	0	0
Hepatitis A	5	2	27*
Hepatitis B (acute)	--	0	--
Hepatitis B (acute, 2 – 18 yrs)	0	0	0
Hib (type B) (< age 5 yrs)	0	1	0
Measles (1 case in 2001, last outbreak 1993)	0	0	0
Meningococcal disease	5	1	6
Mumps (last case in 2009)	0	2	0
Pertussis (all ages)	89	11	--
Pertussis (< 7 yrs)	21	2	4
Pneumococcal infections (invasive)	65	66	0
Polio (last case 1963)	0	0	0
Rubella (2 cases 1996)	0	0	0
Tetanus (last case in 2003)	0	0	0
Varicella (< 17 yrs)	--	105	469
Reduce chronic hepatitis B virus infections in young children (perinatal infections, 1-24 months).	0	0	0
	VT 2005 Baseline	VT 2008 rate	2010 Goal
Reduce pneumonia/influenza hospitalizations among adults age 65+ (rate per 10,000)	16.1	11.5	8.0
Reduce hospitalizations with any diagnosis of shingles (herpes zoster) (rate per 100,000)	22.3	29.3	--
	VT 2005 Baseline	VT 2008 %	NIS Goal
<b>3. Vaccine coverage and strategies</b>			
Increase perinatal hepatitis B vaccination	24.4	19.1	90%
Increase the proportion of young children 19 to 35 months who receive all vaccines that have been recommended for universal administration for at least 5 years. (4:3:1:3:3:1)	62.9	64.5	80%
Increase the proportion of young children 19 to 35 months who receive all vaccines that have been recommended for universal administration for at least 5 years. (4:3:1:3:3:1:4)	--	60.8	80%
Achieve and maintain effective vaccination coverage levels for universally recommended vaccines among young children. (19 to 35 months)			
4 doses Dtap	86.2	79.8	90%
3 doses Hib	97.5	92.6	90%
3 doses hepatitis B	94.0	92.2	90%
1 dose MMR	92.6	88.1	90%
3 doses polio	96.1	91.3	90%
1 dose varicella	68.5	77.0	90%
4 doses pneumococcal†	66.5	84.1	90%
2 doses hepatitis A	--	32.8	90%
2-3 doses rotavirus	--	--	90%

<b>Children</b>	VT 2005 Baseline	VT 2007 %	NIS Goal
Achieve and maintain effective vaccination coverage levels for universally recommended vaccines among young children. (continued)			
6 to 23 months			
1+ dose influenza past 12 months	46	47	90%
Maintain vaccination coverage levels for children in kindergarten.	VT 2005-06	VT 2009-10	
Dtap	96.9	91.8	95%
Hepatitis B	--	94.8	95%
MMR	93.6	91.8	95%
Polio	96.3	92.1	95%
Varicella	--	88.2	95%
Increase routine vaccination coverage levels for adolescents. (13 to 17 years)	VT 2005	VT 2008 (NIS- Teen)	
Tdap or Td (since age 10 yrs)	--	79.8	90%
Tdap	--	49.2	90%
hepatitis B (3+ doses)	--	94.8	90%
MMR (2 doses)	--	95.2	90%
varicella (2 doses or varicella disease)	--	93.0	90%
meningococcal vaccine (1 dose)	--	20.0	90%
HPV (1+ doses—females only)	--	50.4	90%
HPV (3+ doses—females only)	--	25.8	
	VT 2009 Baseline	VT2010 %	Program Goal
Increase the percentage of Vermonters ages 19 to 64 years who receive one dose of tetanus, diphtheria, pertussis vaccine (Tdap).	32%	--	90%
Increase the percentage of Vermonters ages 19 to 64 years who received a tetanus vaccine (Tdap or Td) in the past 10 years.	84%	--	90%
Increase the percentage of Vermonters age 65+ years who received one dose of tetanus, diphtheria vaccine (Td) in the past 10 years.	73%	--	90%
Increase the percentage of Vermonters age 60+ years who receive one dose of shingles vaccine.	16%	--	80%
Increase hepatitis A vaccine coverage among high-risk groups for adults ages 19 to 64 years. (Persons receiving clotting factor concentrates, men who have sex with men, and illegal drug users.)	--	--	50%
Increase hepatitis B vaccine coverage among high-risk groups for adults ages 19 to 64 years above.)	VT 2006 Baseline	VT 2007 Data	Program Goal
	61%	57%	75%

<b>Adults (self-report)</b>	VT 2006 Baseline	VT 2009	2010 Goal
Increase the proportion of adults who are vaccinated annually against influenza and ever vaccinated against pneumococcal disease.			
Adults 18+ years			
Influenza vaccine in past 12 months (crude)	34%	42%	--
Health-care workers age 18 to 64 yrs (patient contact) (crude)			
Influenza vaccine in past 12 months	48%	61%	60%
Pneumonia vaccine ever	--	21%	
Tetanus vaccine past 10 years	--	88%	
Tetanus with pertussis (Tdap) past 10 years	--	50%	
High-risk adults age 18 to 64 yrs (age-adjusted)			
Influenza vaccine in past 12 months	37%	--	60%
Ever received pneumococcal vaccine	27%	--	60%
Adults 65+ years (age-adjusted)			
Influenza vaccine in past 12 months	73%	72%	90%
Ever received pneumococcal vaccine	67%	72%	90%

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#### 4. Provider strategies

<b>Quality Assurance</b>	VT 2005 Baseline	VT 2009	Program Goal
Enrolled provider practices receiving VFC visits in the last 12 months ( <b>percent</b> )	--	75%	75%
Enrolled provider practices receiving VFC visits in the last 12 months ( <b>number</b> ).	158	119	122
Providers visited in the last 12 months and correctly identifying VFC Administration Guidelines. ( <b>percent</b> )	17%	85%	80%
Providers visited in the last 12 months and correctly describing proper Vaccine Storage and Handling. ( <b>percent</b> )	25%	35%	75%

#### 5. Immunization Registry

	VT 2006 Baseline	VT 2009	Program Goal
Increase the proportion of children under age 6 years who have two or more vaccinations recorded in the Vermont Immunization Registry.	57%	94%	90%



\* 27 cases represent the Healthy People 2010 goal applied to the Vermont population assuming that cases were evenly distributed within the U.S. Vermont has consistently met this goal.

† In 2006, pneumococcal changed from 4 doses to "greater than or equal to 3 doses"