

# **2009 Premiums for Routine Immunizations**

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June 3, 2009

# Childhood Vaccines

<b>Vaccine</b>	<b>2007 NIS Rate</b>	<b>2009 Price Per Dose</b>
<b>DTP (4+ doses)</b>	0.945	\$22.35
<b>Hib (3+ doses)</b>	0.926	\$22.77
<b>Hepatitis A</b>		\$27.41
<b>Hepatitis B (3+ doses)</b>	0.927	\$23.20
<b>MMR (1+ doses)</b>	0.923	\$46.81
<b>Pneumococcal (4+ doses)</b>	0.753	\$83.88
<b>Poliovirus</b>	0.923	\$23.90
<b>Rotavirus</b>		\$69.59
<b>Varicella (1+ doses)</b>	0.900	\$80.58

# Other Vaccines

<b>Vaccine</b>	<b>Age</b>	<b>2007 NIS Rate</b>	<b>2009 Price Per Dose</b>
<b>Influenza</b>	6-23 months	0.213	\$14.93
	2-17 years	0.159	
	50-64	0.422	\$13.25
<b>HPV</b>	13-17	0.251	\$130.27
	18-26 F	0.099	\$125.29
	27-49 F	0.011	
<b>Meningitis</b>	13-17	0.324	\$98.52
<b>Tetanus</b>	18-49	0.572	\$18.23
	50-64	0.572	
<b>Zoster</b>	50-59	0.008	
	60+	0.019	\$153.93

# Premium Calculation

$$\begin{array}{rcccl} \text{Vaccine Price +} & & \text{Immunization} & & \text{Number of} & & \text{Total} \\ \text{Admin Fee} & & \text{Rate based on} & & \text{insured} & & \text{Vaccine} \\ & \times & \text{NIS} & \times & \text{at each age} & = & \text{Benefit} \\ & & & & & & \text{Costs} \\ \\ \text{Total Vaccine} & & \text{Insurer} & & \text{Number of} & & \text{Premiums} \\ \text{Benefit Costs} & \times & \text{Costs} & \div & \text{insured} & = & \text{Per Family} \\ & & & & \text{Families} & & \\ \\ & & \text{0.98 children} & & \text{Per Family} & & \\ & & \text{1.90 adults} & & & & \end{array}$$

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# 2009 Premiums for Routine Vaccines

		<b>Costs with Full Utilization</b>	<b>Estimated Utilization</b>	<b>Annual Large Health Plan Premiums</b>	<b>Annual Small Health Plan Premiums</b>	<b>Annual Individual Health Plan Premiums</b>
<b>Vaccines Per Family</b>		\$108	\$68			
<b>Administration Fees</b>		\$49	\$29			
<b>Total Per Family</b>		\$157	\$97	\$107	\$133	\$145
<b>Vaccines Per Child</b>		\$88	\$61			
<b>Administration Fees</b>		\$39	\$25			
<b>Total Per Child</b>		\$127	\$86	\$95	\$118	\$129
<b>Vaccines Per Adult</b>		\$13	\$4			
<b>Administration Fees</b>		\$6	\$3			
<b>Total Per Adult</b>		\$19	\$7	\$8	\$9	\$10

Sources: 2009 ACIP Schedule, CDC Vaccine Prices and Medicare vaccine administration fees

# Annual Premiums for Routine Vaccines as % Total Premiums

	<b>2009 Premiums for Routine Vaccines</b>	<b>2009 Premiums for Large Plans</b>	<b>% Premiums</b>
<b>Family Coverage</b>	<b>\$107</b>	<b>\$13,280</b>	<b>0.8%</b>
<b>Single Coverage</b>	<b>\$8</b>	<b>\$4,940</b>	<b>0.2%</b>