

MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH  
IMMUNIZATION PROGRAM

**Immunization Survey of College Students  
Percent Up To Date**

**MASSACHUSETTS 1987-2016**

*All College Students*

School Year <sup>1</sup>	No. Students	≥1 Dose MMR <sup>2</sup>	2 Doses MMR <sup>3</sup>	Td/Tdap <sup>4</sup>	3 Doses Hep B <sup>5</sup>	Immunity to Chickenpox <sup>6</sup>
<b>2016-17</b>	263,045	N/A	91.0	90.4	90.3	89.0
<b>2015-16</b>	245,889	N/A	90.5	89.1	90.0	87.0
<b>2014-15</b>	272,649	N/A	86.3	85.0	85.6	82.9 (Undergraduates & Health Science students only)
<b>2013-14</b>	257,234	N/A	88.5	87.0	88.3	82.7 (Freshmen, Sophomores, Juniors & Health Science students only)
<b>2012-13</b>	301,743	N/A	89.7	85.2	88.2	81.1 (Freshmen, Sophomores & Health Science students only)
<b>2011-12</b>	335,421	N/A	90.1	85.1	88.1	68.8 (Freshmen & Health Science students only )

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<b>2010-11</b>	308,820	85.0	83.0	96.1*	82.3	N/A
<b>2009-10</b>	285,656	85.4	83.7	92.5*	84.9	N/A
<b>2008-09</b>	257,282	84.5	82.6	89.0*	84.5	N/A
<b>2007-08</b>	263,970	83.7	81.2	85.2	79.5	N/A
<b>2006-07</b>	254,060	81.4	78.8	82.4	77.5	N/A
<b>2005-06</b>	263,328	92.2	89.0	85.2	77.6	N/A
<b>2004-05</b>	259,511	89.1	84.1	88.0	N/A	N/A
<b>2003-04</b>	244,374	90.1	83.3	87.8	N/A	N/A
<b>2002-03</b>	244,564	87.8	84.1	87.4	N/A	N/A
<b>2001-02</b>	265,360	89.0	86.2	88.3	N/A	N/A
<b>2000-01</b>	266,497	89.4	87.0	89.6	N/A	N/A
<b>1999-00</b>	234,960	91.6	89.0	91.6	N/A	N/A
<b>1998-99</b>	262,760	90.8	88.5	84.0	N/A	N/A
<b>1997-98</b>	245,348	92.8	89.9	91.8	N/A	N/A

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<b>1996-97</b>	239,689	93.3	89.7	92.0	N/A	N/A
<b>1995-96</b>	225,653	92.6	88.9	92.1	N/A	N/A
<b>1994-95</b>	256,346	92.7	88.9	88.4	N/A	N/A
<b>1993-94</b>	243,251	90.7	84.9	86.8	N/A	N/A
<b>1992-93</b>	229,151	92.0	79.4	86.2	N/A	N/A
<b>1991-92</b>	205,639	96	83	96	N/A	N/A
<b>1990-91</b>	131,279	94	N/A	94	N/A	N/A
<b>1989-90</b>	84,563	89	N/A	89	N/A	N/A
<b>1988-89</b>	84,447	84	N/A	84	N/A	N/A
<b>1987-88</b>	88,030	92	N/A	94	N/A	N/A

<sup>1</sup> 2015-16: Data for 6 colleges are omitted due to data discrepancies

2016-17: Data for 5 colleges are omitted due to data discrepancies

<sup>2</sup> Measles, mumps and rubella vaccine

<sup>3</sup> 1991-2010: Includes all students with 2 doses of a measles-containing vaccine

2011-2014: Students who meet the MMR requirement according to the phase-in schedule.

<sup>4</sup> Tetanus and diphtheria vaccine (Td) and Tetanus, diphtheria, acellular pertussis (Tdap) vaccine

1995-2007: Td only

2008-2014: Td/Tdap

2015-present: Tdap only

<sup>5</sup> Hepatitis B vaccine

2011-present: Includes students with 3 doses of Hepatitis B vaccine or serologic proof of immunity

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<sup>6</sup> Includes students with 2 doses of varicella vaccine or serologic proof of immunity or reliable history of chickenpox disease. Also includes birth before 1980 in the U.S., except for health science students.

\*Td/Tdap rates from 2008-2010 may be artificially inflated due to the survey design, which led to the possibility of students being double counted for both Td and Tdap.

Source: Massachusetts Department of Public Health Immunization Program, College Surveys 1987-2016