# Immunization Rates of Students Entering College

# Percent Up-to-Date

# College Immunization Survey

# MASSACHUSETTS 1987-2025

***All Students***

| **School Year1** | **No. Students** | **>1 Dose MMR2** | **2 Doses MMR3** | **Td/Tdap4** | **3 Doses Hep B5** | **Immunity to Chickenpox6** |
| --- | --- | --- | --- | --- | --- | --- |
| **2024-25** | **262,483** | **N/A** | **92.8** | **91.8** | **91.8** | **92.4** |
| **2023-24** | 247,004 | N/A | 90.7 | 88.8 | 89.8 | 88.2 |
| **2022-23** | 236,489 | N/A | 89.6 | 89.0 | 89.2 | 88.7 |
| **2021-22** | 183,343 | N/A | 82.5 | 82.4 | 82.6 | 81.9 |
| **2020-21** | 149,370 | N/A | 86.9 | 85.8 | 86.1 | 86.1 |
| **2019-20** | 268,864 | N/A | 90.2 | 88.9 | 89.3 | 88.7 |
| **2018-19** | 232,306 | N/A | 89.2 | 86.3 | 88.7 | 88.6 |
| **2017-18** | 241,224 | N/A | 88.1 | 86.5 | 86.0 | 86.0 |
| **2016-17** | 263,045 | N/A | 91.0 | 90.4 | 90.3 | 89.0 |
| **2015-16** | 245,889 | N/A | 90.5 | 89.1 | 90.0 | 87.0 |
| **2014-15** | 272,649 | N/A | 86.3 | 85.0 | 85.6 | 82.9⁷ |
| **2013-14** | 257,234 | N/A | 88.5 | 87.0 | 88.3 | 82.7⁸ |
| **2012-13** | 301,743 | N/A | 89.7 | 85.2 | 88.2 | 81.1⁹ |
| **2011-12** | 335,421 | N/A | 90.1 | 85.1 | 88.1 | 68.8¹⁰ |
| **2010-11** | 308,820 | 85.0 | 83.0 | 96.1\* | 82.3 | N/A |
| **2009-10** | 285,656 | 85.4 | 83.7 | 92.5\* | 84.9 | N/A |
| **2008-09** | 257,282 | 84.5 | 82.6 | 89.0\* | 84.5 | N/A |
| **2007-08** | 263,970 | 83.7 | 81.2 | 85.2 | 79.5 | N/A |
| **2006-07** | 254,060 | 81.4 | 78.8 | 82.4 | 77.5 | N/A |
| **2005-06** | 263,328 | 92.2 | 89.0 | 85.2 | 77.6 | N/A |
| **2004-05** | 259,511 | 89.1 | 84.1 | 88.0 | N/A | N/A |
| **2003-04** | 244,374 | 90.1 | 83.3 | 87.8 | N/A | N/A |
| **2002-03** | 244,564 | 87.8 | 84.1 | 87.4 | N/A | N/A |
| **2001-02** | 265,360 | 89.0 | 86.2 | 88.3 | N/A | N/A |
| **2000-01** | 266,497 | 89.4 | 87.0 | 89.6 | N/A | N/A |
| **1999-00** | 234,960 | 91.6 | 89.0 | 91.6 | N/A | N/A |
| **1998-99** | 262,760 | 90.8 | 88.5 | 84.0 | N/A | N/A |
| **1997-98** | 245,348 | 92.8 | 89.9 | 91.8 | N/A | N/A |
| **1996-97** | 239,689 | 93.3 | 89.7 | 92.0 | N/A | N/A |
| **1995-96** | 225,653 | 92.6 | 88.9 | 92.1 | N/A | N/A |
| **1994-95** | 256,346 | 92.7 | 88.9 | 88.4 | N/A | N/A |
| **1993-94** | 243,251 | 90.7 | 84.9 | 86.8 | N/A | N/A |
| **1992-93** | 229,151 | 92.0 | 79.4 | 86.2 | N/A | N/A |
| **1991-92** | 205,639 | 96.0 | 83.0 | 96.0 | N/A | N/A |
| **1990-91** | 131,279 | 94.0 | N/A | 94.0 | N/A | N/A |
| **1989-90** | 84,563 | 89.0 | N/A | 89.0 | N/A | N/A |
| **1988-89** | 84,447 | 84.0 | N/A | 84.0 | N/A | N/A |
| **1987-88** | 88,030 | 92.0 | N/A | 94.0 | N/A | N/A |

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| 1 | In preparing these data reports, we follow up with schools reporting numerically illogical survey entries and correct them whenever possible. Beginning in the 2017-18 school year, the survey submission deadline was extended from late October to mid-December, at which point no additional surveys were accepted. In prior years, additional surveys were accepted after the deadline. In 2020-21, the survey deadline was postponed to March to allow for more complete reporting, given extenuating pandemic-related circumstances. Beginning with the 2021-2022 school year, the survey deadline occurs in late January/early February. |
|  | 2024-25: Data for 3 colleges omitted due to data discrepancies. |  |  |
|  | 2023-24: Data for 1 college omitted due to data discrepancy. |  |  |
|  | 2021-23: No school data was omitted from this report due to data discrepancy. |  |
|  | 2019-20: Data for 8 colleges omitted due to data discrepancies. |  |  |
|  | 2018-19: Data for 1 college omitted due to data discrepancy. |  |  |
|  | 2017-18: Data for 8 colleges omitted due to data discrepancies. |  |  |
|  | 2016-17: Data for 5 colleges omitted due to data discrepancies. |  |  |
|  | 2015-16: Data for 6 colleges omitted due to data discrepancies. |  |  |
| 2 | Measles, mumps and rubella vaccine |  |  |  |  |
| 3 | 1991-10: Includes all students with 2 doses of a measles-containing vaccine |  |  |
|  | 2011-14: Students who meet the MMR requirement according to the phase-in schedule.  |  |
| 4 | Tetanus and diphtheria vaccine (Td) and Tetanus, diphtheria, acellular pertussis (Tdap) vaccine |  |
|  | 1995-07: Td only |  |  |  |  |  |
|  | 2008-14: Td/Tdap |  |  |  |  |  |
|  | 2015-Current: Tdap only |  |  |  |  |
| 5 | Hepatitis B vaccine  |  |  |  |  |
|  | 2011-Current: Includes students with 3 doses of Hepatitis B vaccine or serologic proof of immunity  |
| 6 | 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.  |
| 7 | Undergraduates & Health Science students only |  |  |  |
| 8 | Freshmen, Sophomores, Juniors & Health Science students only |  |  |
| 9 | Freshmen, Sophomores & Health Science students only |  |  |  |
| 10 | Freshmen & Health Science students only |  |  |  |
| \* | 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. |