# Immunization Levels of Children Greater Than Two Years of Age Enrolled in Group Child Care

# Percent Up-to-Date

# Childcare/Preschool Immunization Survey

**MASSACHUSETTS 1975-2023**

| **School Year1** | **Number of Records** | **> 4 DTaP/ DTP2** | **> 3 Polio** | **1 MMR3** | **> 3 Hib4** | **3 Hep B5** | **1 Varicella** | **History of Chickenpox Disease** | **Immunity to Chickenpox6** | **Series Complete7** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2022-23** | 78,672 | 96.6 | 97.1 | 97.7 | 96.8 | 96.6 | 97.3 | 0.1 | 97.3 | 94.5 |
| **2021-22** | 80,329 | 96.2 | 97.4 | 95.9 | 96.0 | 96.8 | 96.6 | 0.2 | 96.8 | 93.4 |
| **2020-21** | 54,941 | 97.3 | 97.5 | 98.3 | 97.2 | 97.0 | 97.8 | 0.1 | 97.9 | 94.9 |
| **2019-20** | 99,620 | 97.0 | 97.4 | 97.9 | 96.9 | 96.6 | 97.4 | 0.1 | 97.5 | 94.6 |
| **2018-19** | 100,731 | 96.8 | 97.1 | 97.8 | 96.6 | 96.4 | 97.1 | 0.1 | 97.3 | 95.9 |
| **2017-18** | 98,972 | 96.5 | 96.8 | 97.6 | 96.0 | 95.8 | 96.9 | 0.1 | 97.0 | 95.4 |
| **2016-17** | 99,960 | 96.4 | 96.7 | 97.5 | 96.3 | 95.8 | 96.6 | 0.2 | 96.8 | 95.3 |
| **2015-16** | 110,276 | 96.3 | 96.8 | 97.7 | 96.0 | 95.5 | 96.9 | 0.2 | 97.1 | 95.1 |
| **2014-15** | 101,875 | 96.3 | 96.7 | 97.5 | 96.4 | 95.6 | 96.6 | 0.4 | 96.9 | 94.6 |
| **2013-14** | 107,739 | 96.6 | 97.3 | 97.6 | 96.8 | 96.1 | 96.6 | 0.2 | 96.8 | 95.7 |
| **2012-13** | 116,290 | 96.4 | 97.1 | 97.6 | 96.5 | 95.8 | 96.5 | 0.3 | 96.8 | 95.4 |
| **2011-12** | 118,106 | 96.5 | 97.3 | 97.5 | 96.7 | 95.8 | 96.2 | 0.4 | 96.6 | 95.3 |
| **2010-11** | 118,183 | 96.2 | 97.0 | 97.2 | 96.4 | 95.8 | 95.4 | 0.4 | 95.8 | 94.9 |
| **2009-10** | 114,315 | 97.0 | 97.7 | 97.9 | 97.3 | 96.7 | 96.0 | 0.5 | 96.5 | 95.9 |
| **2008-09** | 123,887 | 97.7 | 98.2 | 98.4 | 98.0 | 97.3 | 96.6 | 0.7 | 97.2 | 96.6 |
| **2007-08** | 129,705 | 97.5 | 98.0 | 98.2 | 98.0 | 97.3 | 96.6 | 0.6 | 97.2 | 96.5 |
| **2006-07** | 134,435 | 97.8 | 98.2 | 98.3 | 98.0 | 97.7 | 97.0 | 0.6 | 97.6 | 97.2 |
| **2005-06** | 133,166 | 97.7 | 98.0 | 98.0 | 97.6 | 97.4 | 96.3 | 0.9 | 97.2 | 96.9 |
| **2004-05** | 135,438 | 97.9 | 98.1 | 98.3 | 97.9 | 97.6 | 96.0 | 1.2 | 97.2 | 97.1 |
| **2003-04** | 131,629 | 97.9 | 98.2 | 98.3 | 97.9 | 97.7 | 95.2 | 1.7 | 96.9 | 97.1 |
| **2002-03** | 133,702 | 97.5 | 97.9 | 98.1 | 97.4 | 97.2 | 93.2 | 2.9 | 96.1 | 96.7 |
| **2001-02** | 122,640 | 97.5 | 97.9 | 98.1 | 97.5 | 97.1 | 89.3 | 5.6 | 94.9 | 96.6 |
| **2000-01** | 119,672 | 97.2 | 97.6 | 97.9 | 97.0 | 97.0 | 82.3 | 9.4 | 91.8 | 96.3 |
| **1999-00** | 118,319 | 97.3 | 97.9 | 98.0 | 97.1 | 97.0 | 69.3 | 15.2 | 84.5 | 96.1 |
| **1998-99** | 118,672 | 97.1 | 98.3 | 97.6 | 96.6 | 96.2 | N/A | N/A | N/A | 95.9 |
| **1997-98** | 116,830 | 97.3 | 98.1 | 97.9 | 96.5 | 94.7 | N/A | N/A | N/A | 96.4 |
| **1996-97** | 110,221 | 97.7 | 98.2 | 98.2 | 96.1 | 81.7 | NA | NA | NA | 96.8 |
| **1995-96** | 111,150 | 97.4 | 98.0 | 98.1 | 92.7 | 44.3 | NA | NA | NA | 96.3 |
| **1994-95** | 109,012 | 97.3 | 97.9 | 98.3 | NA | NA | NA | NA | NA | NA |
| **1993-94** | 106,147 | 97.6 | 98.1 | 98.6 | NA | NA | NA | NA | NA | NA |
| **1992-93** | 110,730 | 98.3 | 98.7 | 98.8 | NA | NA | NA | NA | NA | NA |
| **1991-92** | 95,620 | 97.8 | 98.5 | 98.7 | NA | NA | NA | NA | NA | NA |
| **1990-91** | 94,730 | 97.6 | 98.3 | 98.7 | NA | NA | NA | NA | NA | NA |
| **1989-90** | 92,831 | 95.2 | 96.8 | 97.5 | NA | NA | NA | NA | NA | NA |
| **1988-89** | 88,283 | 95.0 | 96.3 | 97.8 | NA | NA | NA | NA | NA | NA |
| **1987-88** | 80,198 | 97.5 | 96.4 | 97.3 | NA | NA | NA | NA | NA | NA |
| **1986-87** | 80,572 | 94.2 | 97.7 | 98.2 | NA | NA | NA | NA | NA | NA |
| **1985-86** | 77,991 | 98.5 | 98.8 | 99.0 | NA | NA | NA | NA | NA | NA |
| **1984-85** | 80,500 | 97.7 | 98.2 | 98.9 | NA | NA | NA | NA | NA | NA |
| **1983-84** | NA | 97.5 | 97.8 | 98.7 | NA | NA | NA | NA | NA | NA |
| **1982-83** | NA | 96.7 | 97.5 | 98.0 | NA | NA | NA | NA | NA | NA |
| **1981-82** | NA | 96.2 | 96.8 | 97.7 | NA | NA | NA | NA | NA | NA |
| **1980-81** | NA | 95.9 | 96.7 | 97.2 | NA | NA | NA | NA | NA | NA |
| **1979-80** | NA | 95.6 | 96.1 | 96.2 | NA | NA | NA | NA | NA | NA |
| **1978-79** | NA | 94.2 | 94.9 | 92.4 | NA | NA | NA | NA | NA | NA |
| **1977-78** | NA | 90.0 | 84.9 | 85.3 | NA | NA | NA | NA | NA | NA |
| **1976-77** | NA | - | - | - | - | - | NA | NA | NA | - |
| **1975-76** | NA | 86.7 | 85.7 | 76.0 | NA | NA | NA | NA | NA | NA |

1. In preparing these data reports, we follow-up with schools reporting numerically illogical survey entries and correct them whenever possible. Beginning with 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. Beginning with the 2021-2022 school year, the survey deadline occurs in late January/early February.

2015-16: Data for 35 programs omitted from this report due to data discrepancies.

2016-17: Data for 61 programs omitted from this report due to data discrepancies.

2017-18: Data for 87 programs omitted from this report due to data discrepancies.

2018-19: Data for 30 programs omitted from this report due to data discrepancies.

2019-20: Data for 27 programs omitted from this report due to data discrepancies.

2020-21: Data for 5 programs omitted from this report due to data discrepancies.

2021-22: Data for 47 programs omitted from this report due to data discrepancies.

2022-23: No school data was omitted from this report due to data discrepancy.

2 Diphtheria, tetanus, pertussis vaccine. 5 Hepatitis B vaccine.

3 Measles, mumps, rubella vaccine. 6 Includes students with 1 dose of varicella vaccine or a documented reliable history of chickenpox disease.

4 *Haemophilus influenzae* type B vaccine. 7 4 DTaP/DTP and 3 polio and 1 MMR and 3Hib and 3HepB and 1Varicella.

### Source: Massachusetts Department of Public Health Immunization Division, Childcare/Preschool Immunization Surveys, 1975-2023