

Massachusetts Kindergarten Immunization Survey Results by County 2014-2015

County	Number of Schools	Number of Children	5 DTaP	4 Polio	2 MMR	3 Hep B	Immunity to Chickenpox Disease	Series Complete	Medical Exemptions	Religious Exemptions	Total Exemptions
Barnstable	35	1,760	94%	96%	95%	97%	94%	92%	0.6%	2.6%	3.1%
Berkshire	41	1,236	91%	93%	93%	96%	93%	83%	0.2%	2.7%	2.9%
Bristol	105	6,080	96%	98%	98%	99%	98%	95%	0.3%	1.2%	1.5%
Dukes	7	189	85%	89%	89%	89%	87%	80%	2.1%	11.6%	13.8%
Essex	182	9,084	94%	97%	96%	97%	95%	92%	0.4%	1.0%	1.3%
Franklin	27	600	92%	93%	93%	93%	91%	88%	1.2%	5.3%	6.5%
Hampden	103	5,550	94%	96%	96%	97%	95%	93%	0.3%	1.1%	1.4%
Hampshire	37	1,259	92%	93%	92%	93%	92%	87%	0.4%	3.7%	4.1%
Middlesex	310	17,998	96%	97%	98%	98%	97%	94%	0.3%	0.9%	1.3%
Nantucket	3	154	91%	93%	93%	97%	93%	89%	0.6%	2.6%	3.2%
Norfolk	145	7,811	96%	97%	98%	99%	97%	94%	0.3%	0.7%	1.0%
Plymouth	83	5,739	94%	96%	96%	98%	95%	92%	0.4%	0.9%	1.3%
Suffolk	137	7,747	78%	82%	80%	90%	80%	76%	0.2%	0.5%	0.7%
Worcester	158	9,662	94%	95%	95%	98%	94%	92%	0.4%	0.9%	1.3%
State Total	1,373	74,869	93%	95%	95%	97%	94%	91%	0.3%	1.1%	1.4%

5 DTaP 5 doses of DTaP (diphtheria, tetanus and pertussis) vaccine

4 Polio 4 doses of polio vaccine

2 MMR 2 doses of MMR (measles, mumps and rubella) vaccine

3 Hep B 3 doses of hepatitis B vaccine

Immunity to Chickenpox 2 doses of varicella vaccine or a reliable history of chickenpox disease

Series 5 DTaP + 4 Polio + 2 MMR + 3 Hep B + 2 Varicella

- Data were primarily collected in the fall, but immunization data are often updated throughout the year and rates (during the same school year) may be higher than reported due to additional children receiving immunizations or bringing records to school. Also, the student body is dynamic and as students arrive and leave the school, the immunization rates are impacted.
- Children are allowed a medical or religious exemption to one or more vaccines.
- Children without the required number of doses of vaccine do not necessarily have an exemption on file.
- Children without a record of vaccination, but with serologic proof of immunity to certain diseases (measles, mumps, rubella, hepatitis b and varicella), meet school entry requirements, but may not be counted as vaccinated.
- All data are self-reported by the schools and discrepancies may exist. For example, the percent of children with 5 doses of DTaP may be less than the percent of children meeting the series even though the series includes 5 doses of DTaP vaccine due to the spacing and age at which they received the doses. In addition some children may still meet school entry requirements even with fewer doses reported for these same reasons. The Immunization Program continues to work with schools to resolve discrepancies and update immunization data, when possible.