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2015 Child Care Facility Immunization Rate Assessment Report

The Maine Immunization Program conducts an annual immunization assessment of licensed State of Maine Child Care Facilities. Rules pursuant to 10-148 Chapter 32, Section XVII: Health/Medical require that each facility have on file, within thirty (30) days of the child's first admission to the facility, and updated annually thereafter, a Certificate of Immunization which clearly illustrates each child's present immunization status. Dates of immunization (month/day/year) and vaccine type shall be on file for each of the following vaccine-preventable disease:

- | | |
|----------------|-----------------------------------|
| a) Measles; | g) Tetanus; |
| b) Mumps; | h) Haemophilus influenzae Type b; |
| c) Rubella; | i) Varicella; |
| d) Diphtheria; | j) Hepatitis B; and |
| e) Pertussis; | k) Pneumococcal conjugate. |
| f) Polio; | |

No child shall be required under this rule to have any such immunization if his/her parent(s) states in writing a sincere religious or philosophical belief that it is contrary to the immunization requirements above or if the child's physician submits documentation that immunization against one or more of the diseases is medically inadvisable. A written statement must be included in the record of any child for whom such an exemption is being claimed.

The 2015 Child Care Facility Immunization Survey was conducted online from October to December 31, 2015 on all facilities having children enrolled who are 2 years of age or more, but not yet attending kindergarten. The vaccination data reported by all facilities was analyzed and a summary table generated for all results (Table 1) by vaccine type and State of Maine County. Additionally, a graphical representation of the vaccine series 4:3:1:3:3:1 (4:Dtap, 3:Polio, 1:MMR, 3:Hib, 3:Hep B, 1 Varicella) was created (Figure 1).

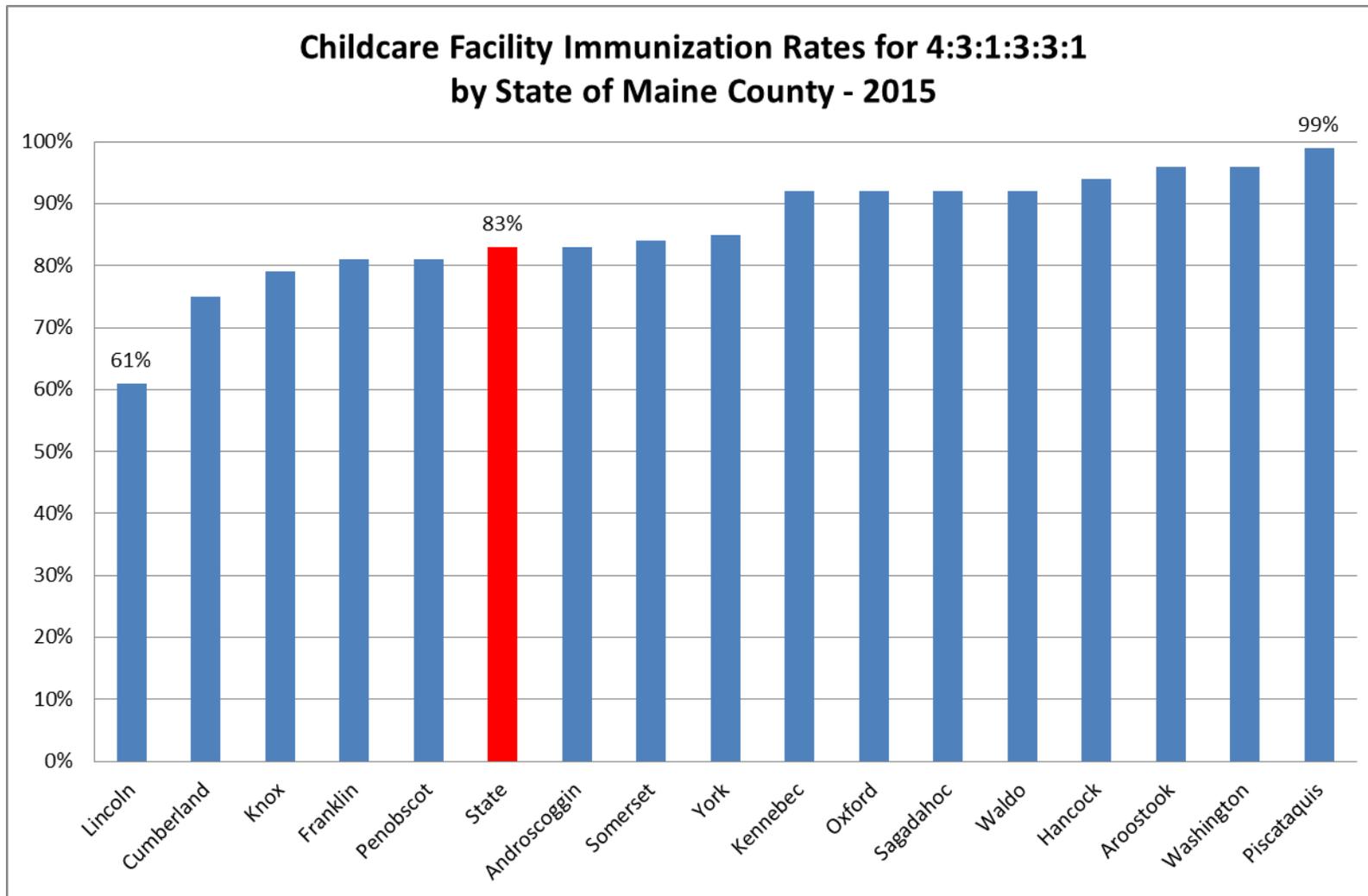
Immunization is the most effective and efficient way to ensure that children and their family members, particularly those who are immunocompromised, are protected against these vaccine preventable diseases. This is perhaps one of the most important reasons why it would be advantageous for facilities to meet all requirements of the Child Care Facility Immunization law and to help reach the goal of the Maine Immunization Program to bring the State vaccine coverage rate for each of these vaccines to 100%.

Table 1: Immunization and Exemption Rates by County

Childcare Facility Immunization Coverage Levels with Individual Vaccines and Series, State and Counties - 2015												
Counties	#Kids Assessed	Philosophical Exemptions	4+DTaP	3+Polio	1+MMR	3+Hib	3+HepB	1+Var	3+Pneumo	2+HepA	2+Rota	4:3:1:3:3:1
State	8021	2%	93%	92%	95%	93%	91%	91%	92%	75%	76%	83%
Androscoggin	637	2%	90%	91%	92%	91%	91%	90%	88%	78%	79%	83%
Aroostook	240	2%	98%	98%	97%	97%	98%	98%	98%	87%	81%	96%
Cumberland	2362	2%	91%	91%	94%	89%	87%	89%	90%	71%	78%	75%
Franklin	163	2%	90%	90%	88%	90%	88%	87%	90%	66%	56%	81%
Hancock	102	0%	97%	98%	99%	96%	95%	94%	96%	26%	29%	94%
Kennebec	692	2%	96%	97%	97%	96%	96%	97%	95%	85%	84%	92%
Knox	358	7%	94%	92%	95%	91%	88%	88%	92%	81%	82%	79%
Lincoln	109	3%	96%	65%	97%	96%	91%	92%	94%	62%	74%	61%
Oxford	421	1%	96%	95%	97%	96%	95%	93%	95%	70%	55%	92%
Penobscot	1077	2%	95%	89%	95%	94%	91%	90%	93%	79%	79%	81%
Piscataquis	73	0%	100%	100%	100%	100%	100%	99%	99%	71%	70%	99%
Sagadahoc	211	1%	95%	98%	100%	97%	97%	96%	98%	82%	94%	92%
Somerset	298	5%	92%	93%	93%	93%	89%	92%	93%	75%	68%	84%
Waldo	290	4%	98%	98%	99%	96%	95%	98%	90%	77%	73%	92%
Washington	91	2%	98%	100%	100%	98%	100%	100%	98%	42%	38%	96%
York	912	2%	94%	94%	94%	93%	92%	90%	94%	75%	81%	85%

Note: Religious Exemptions and Medical Exemptions were omitted from table based on a result of 0% for both exemption types throughout all sixteen (16) State of Maine counties.

Figure 1: Childcare Facility Immunization Rates for 4:3:1:3:3:1 by State of Maine County



Note: Children are considered up-to-date for the 4:3:1:3:3:1 series if they have had all of the following: 4 DTaP (diphtheria, tetanus, pertussis), 3 Polio, 1 MMR (measles, mumps, rubella), 3 Hepatitis B, 3 Hib (haemophilus influenzae Type b), and 1 Varicella.