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2015-16 Post-Secondary School Immunization Assessment Report

The Maine Immunization Program conducts an annual immunization assessment of State of Maine Post-Secondary Schools. Rules pursuant to 22 M.R.S. § 6359 requires each designated Post-Secondary School in the State of Maine to require from all full-time and degree seeking part-time students show proof of immunization or documented immunity against Measles, Mumps, Rubella, Tetanus and Diphtheria. It also requires the chief administrative officer to submit a summary report on the immunization status of their students to the Maine Center for Disease Control.

The 2015-16 Post-Secondary School Immunization Survey was conducted online from October to December 15, 2015. The vaccination data reported by all schools was analyzed and a summary table was generated (Table 1). Graphical representations of these results by vaccine type can be found on the following pages (Figures 1-4).

Vaccination is the most effective and efficient way to ensure that students 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 these educational institutions to meet all requirements of the Maine Immunization Post-Secondary School law and to help reach the goal of the Maine Immunization Program to bring the State vaccine coverage rate average for each of these vaccines to 100%.

Table 1: Exemption and Immunization Rates by Individual Vaccine

2015 Post-Secondary School Exemption and Immunization Rates By Individual Vaccine, Statewide					
Vaccine	Number of Students Requiring Vaccination	Religious or Philosophical Exemptions	Medical Exemptions	Incomplete Records Non-Compliant	Vaccinated/Laboratory Evidence of Immunity
Measles	49,456	4.1%	2.1%	3.9%	89.9%
Mumps	49,456	4.2%	2.1%	3.9%	89.8%
Rubella	49,456	4.1%	2.1%	3.9%	89.9%
Tetanus/Diphtheria	49,456	2.6%	2.1%	4.2%	91.1%

Figure 1: Measles Vaccination Rate by College/University

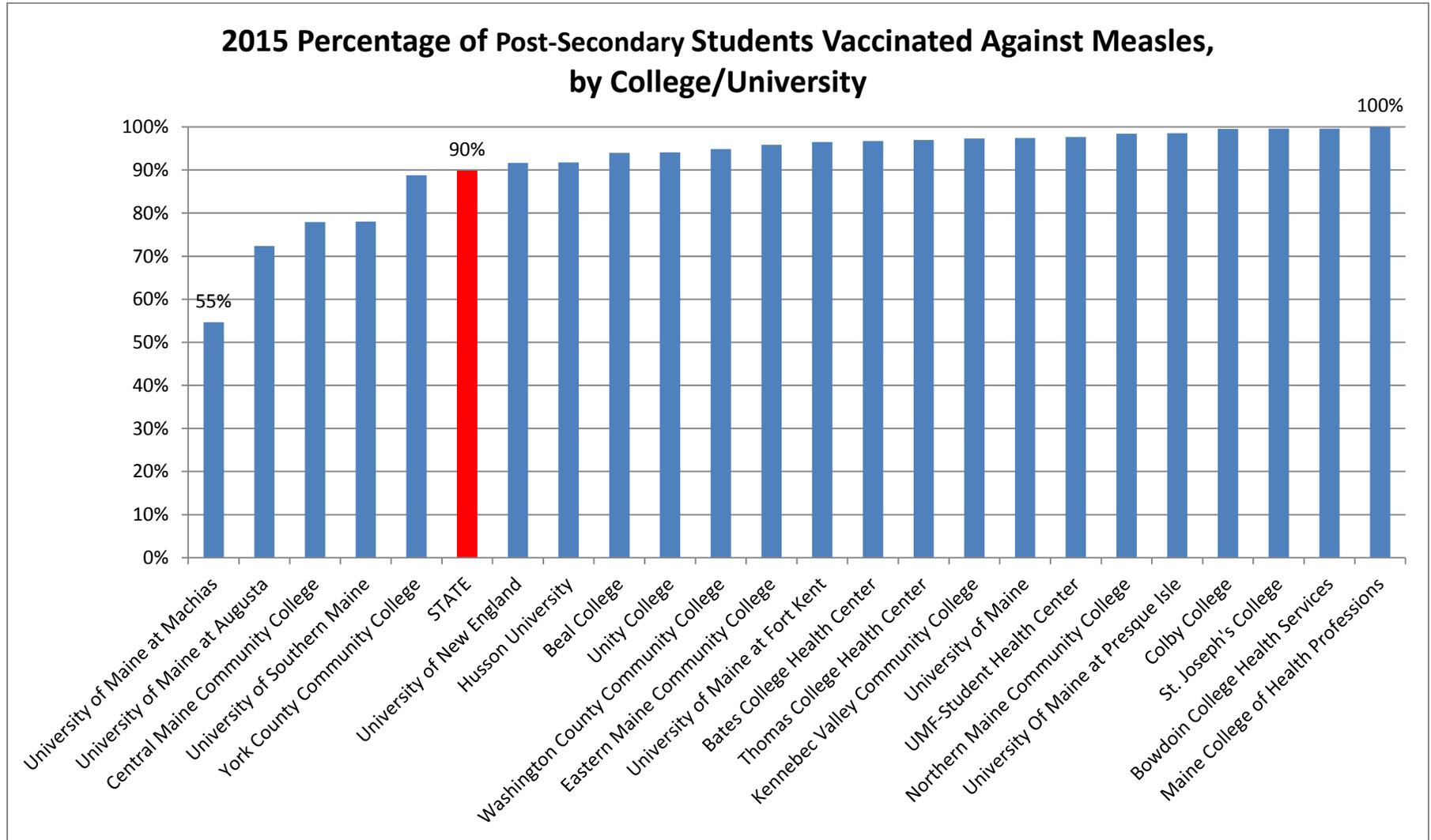


Figure 1: The bars in the graph above represent the percent of post-secondary students who are immune to measles by vaccination or have laboratory evidence of immunity.

Figure 2: Mumps Vaccination Rate by College/University

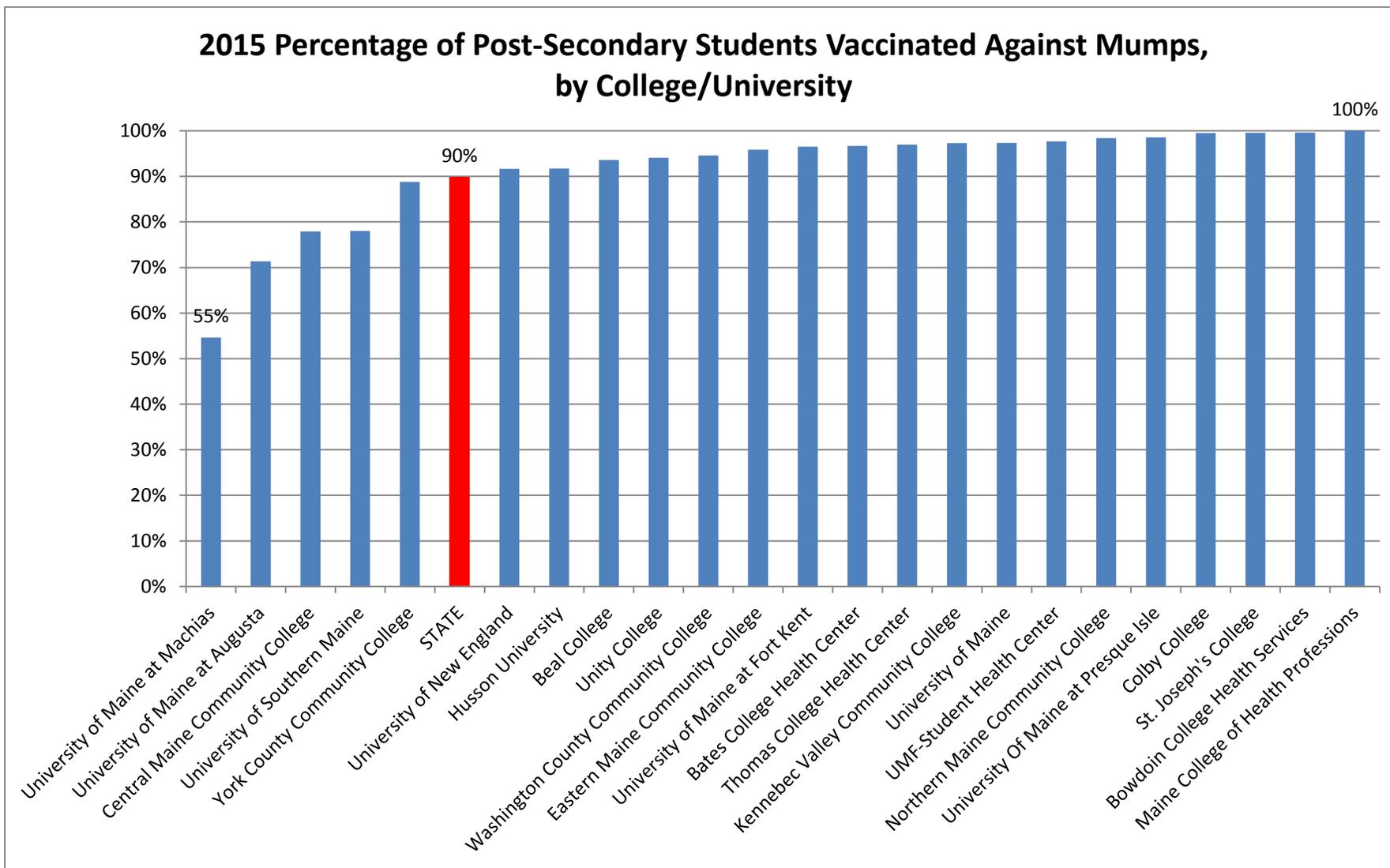


Figure 2: The bars in the graph above represent the percent of healthcare workers who are immune to mumps by vaccination or have laboratory evidence of immunity.

Figure 3: Rubella Vaccination Rate by College/University

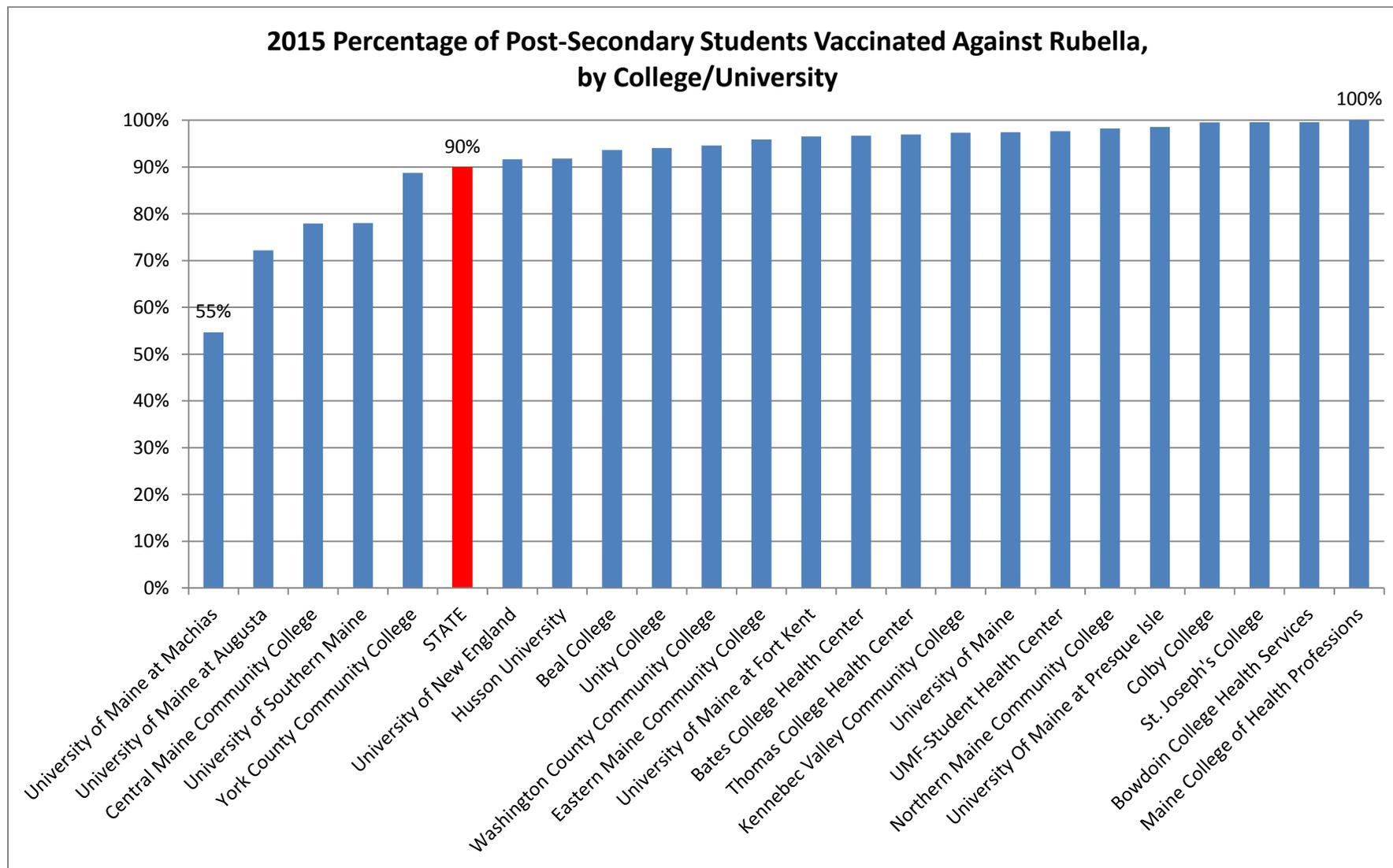


Figure 3: The bars in the graph above represent the percent of healthcare workers who are immune to rubella by vaccination or have laboratory evidence of immunity.

Figure 4: Tetanus/Diphtheria Vaccination Rate by College/University

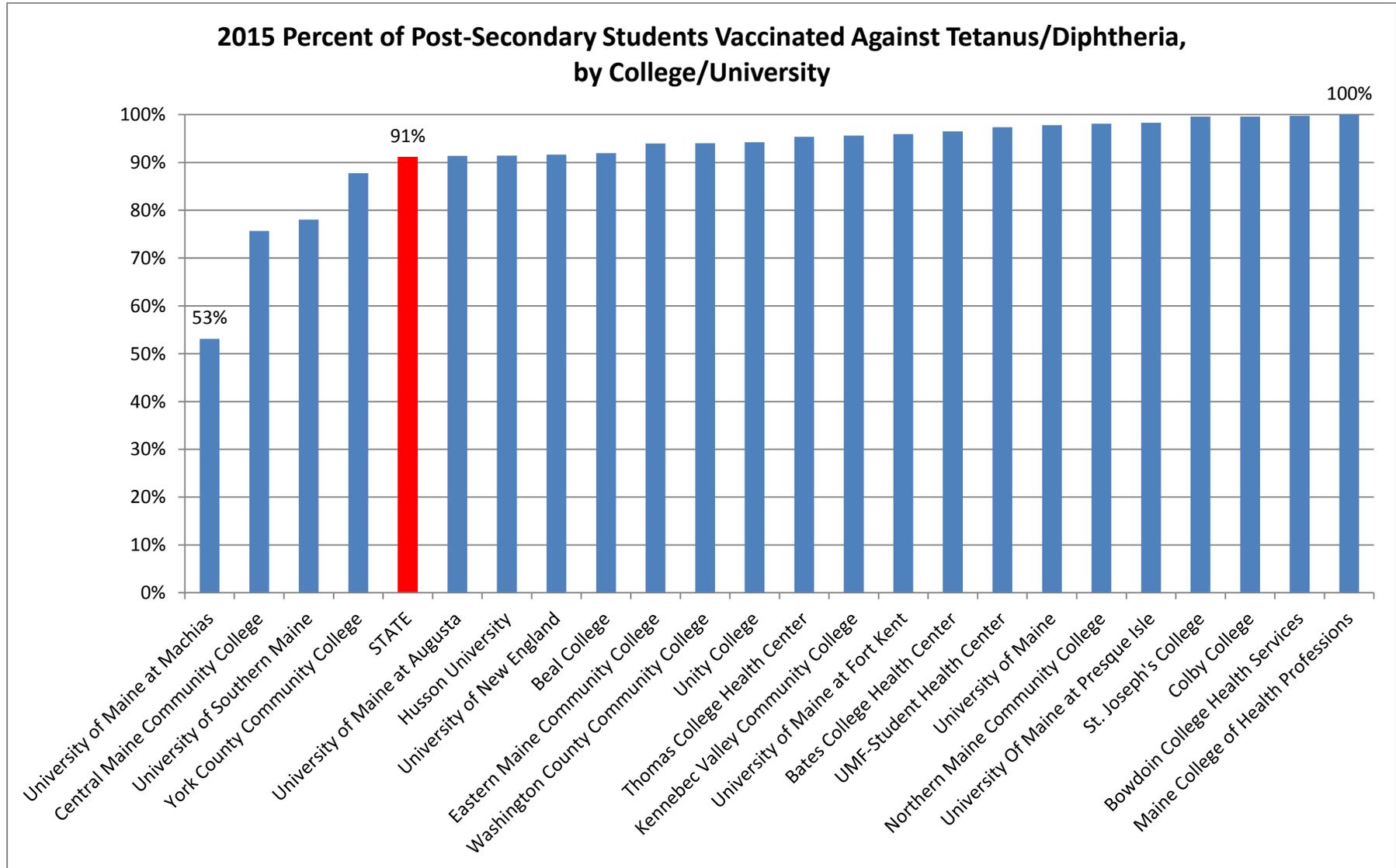


Figure 4: The bars in the graph above represent the percent of healthcare workers who are immune to tetanus/diphtheria by vaccination or have laboratory evidence of immunity.