

Sharing Lessons Learned

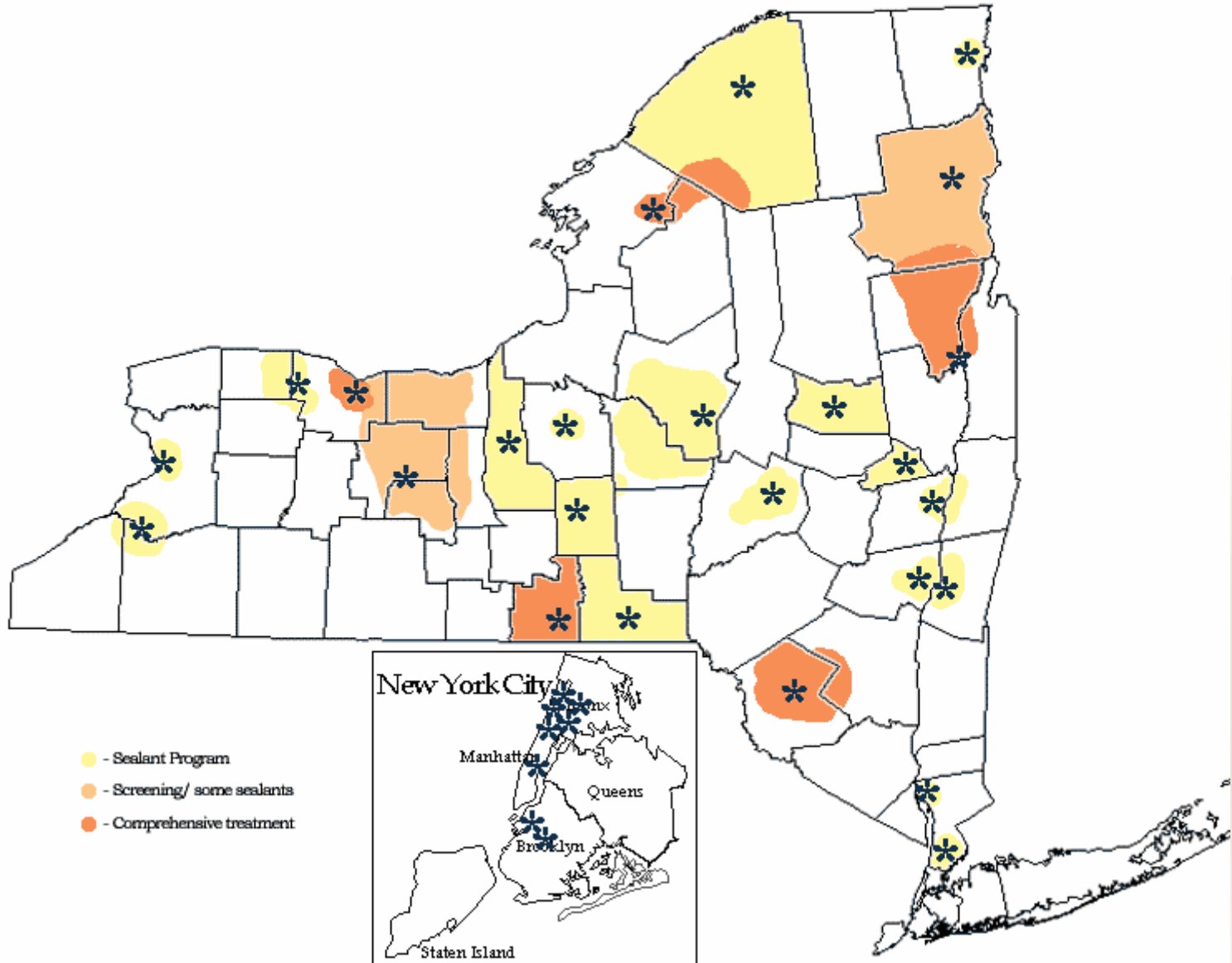
Challenges and Opportunities In Evaluating Sealant Programs in New York State

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Sealant Programs in NYS



- **How effective are school-based sealant programs in achieving Healthy People 2010 goals and Maternal and Child Block Grant Performance measures with respect to dental sealants and eliminating disparities?**
- **Why are some sealant programs more successful than others?**
- **How do local programs vary and what accounts for the difference in effectiveness, productivity, cost and sustainability?**

Question:

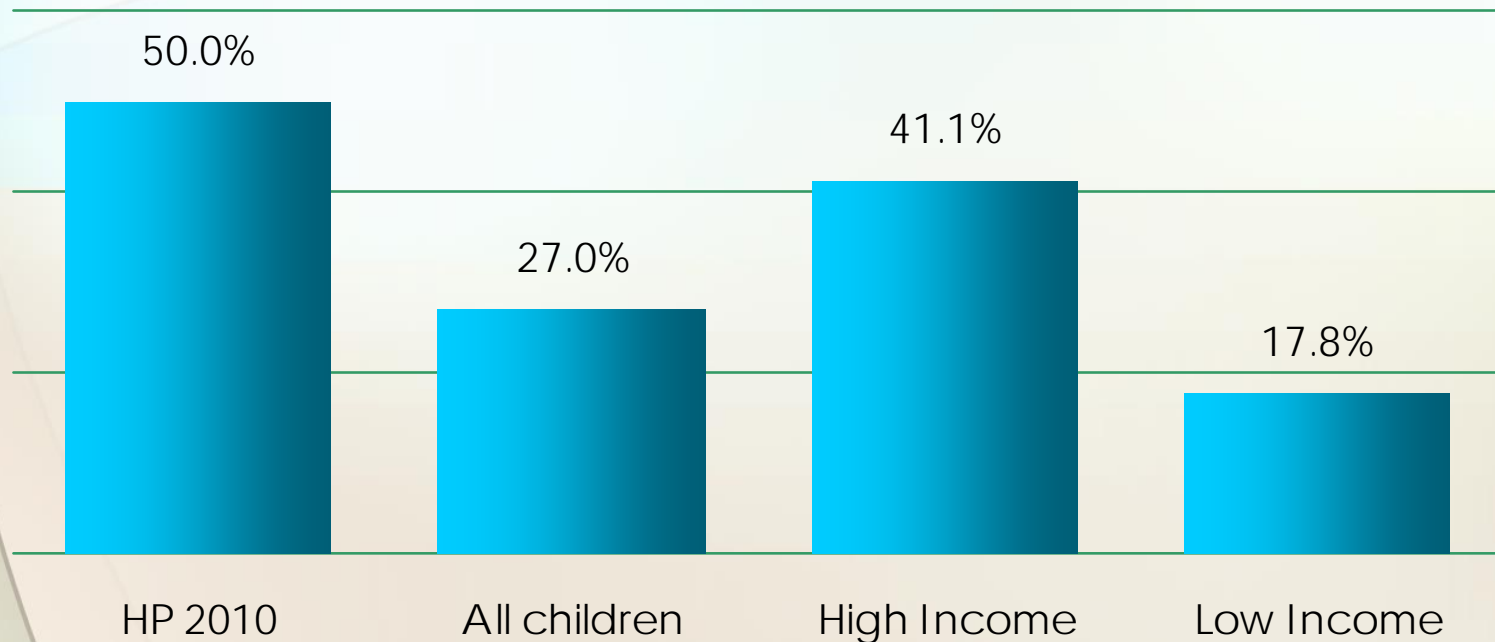
- **How effective are school-based sealant programs in achieving Healthy People 2010 goals and Maternal and Child Block Grant Performance measures with respect to dental sealants and eliminating disparities?**

Method/data sources:

- **Surveillance data**

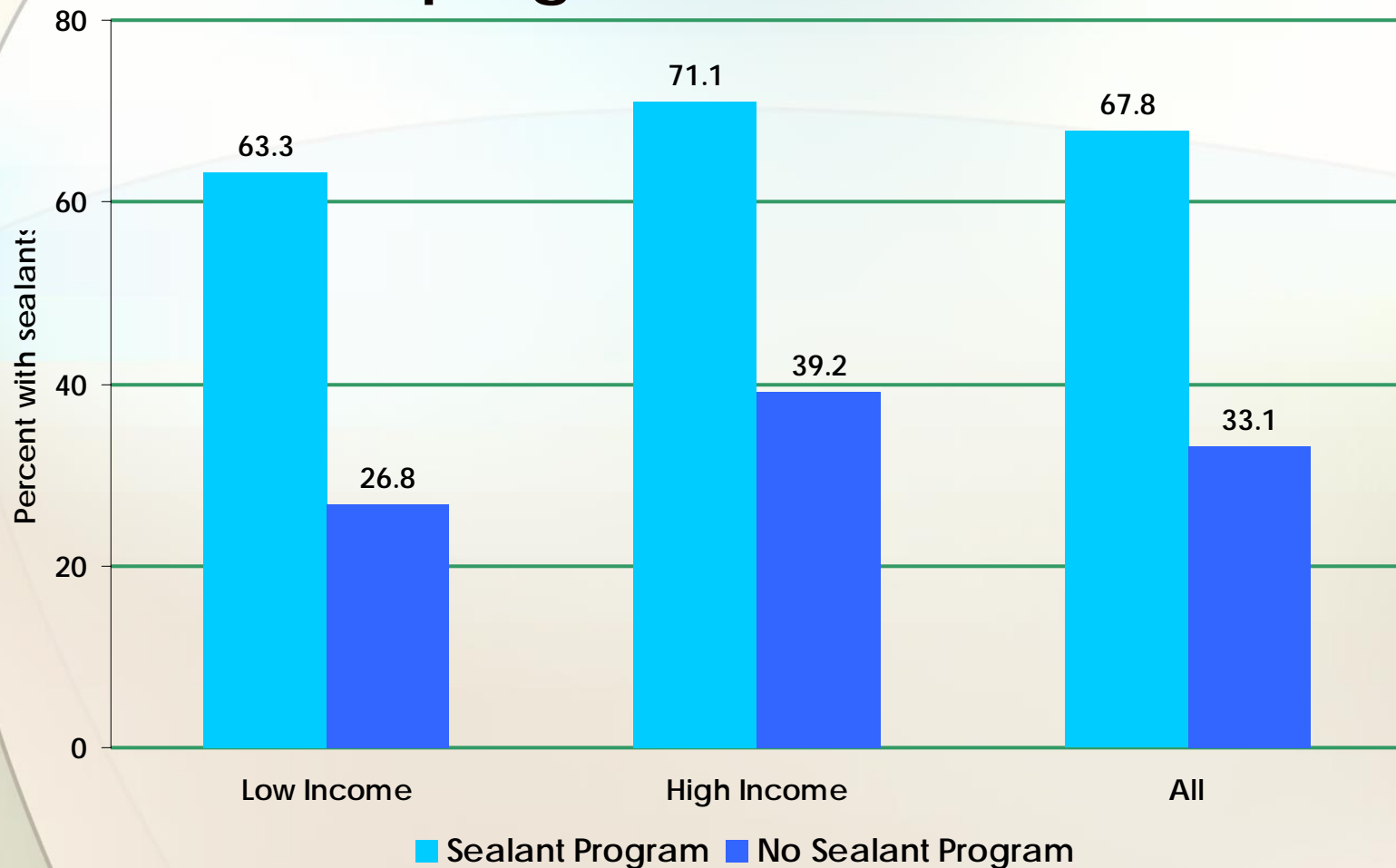
Compare schools with a sealant program to those without in respect to sealant rates.

Prevalence of dental sealants in 3rd grade children in New York State, compared to the HP2010 Objective



Source: New York State Oral Health Surveillance System, 2002-2004.

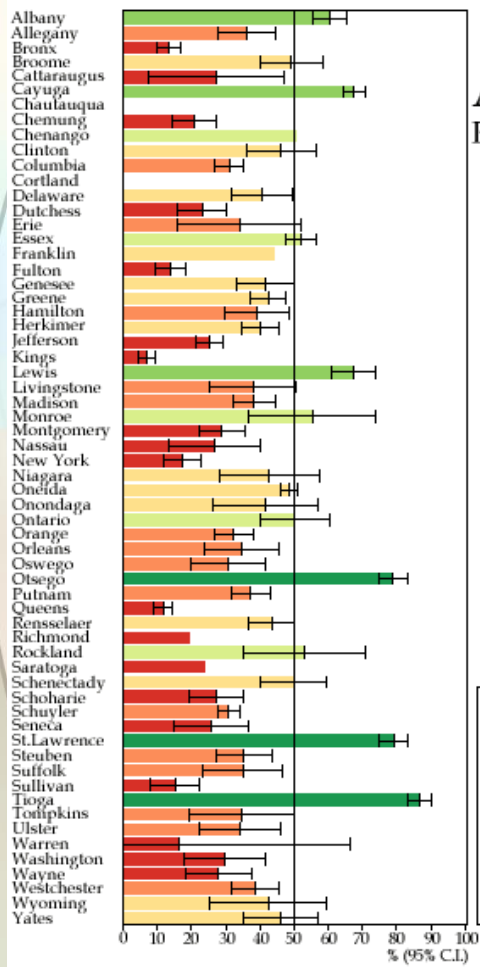
Percent of 3rd grade children with a dental sealant (*excluding New York City*) by school-based sealant program and income status



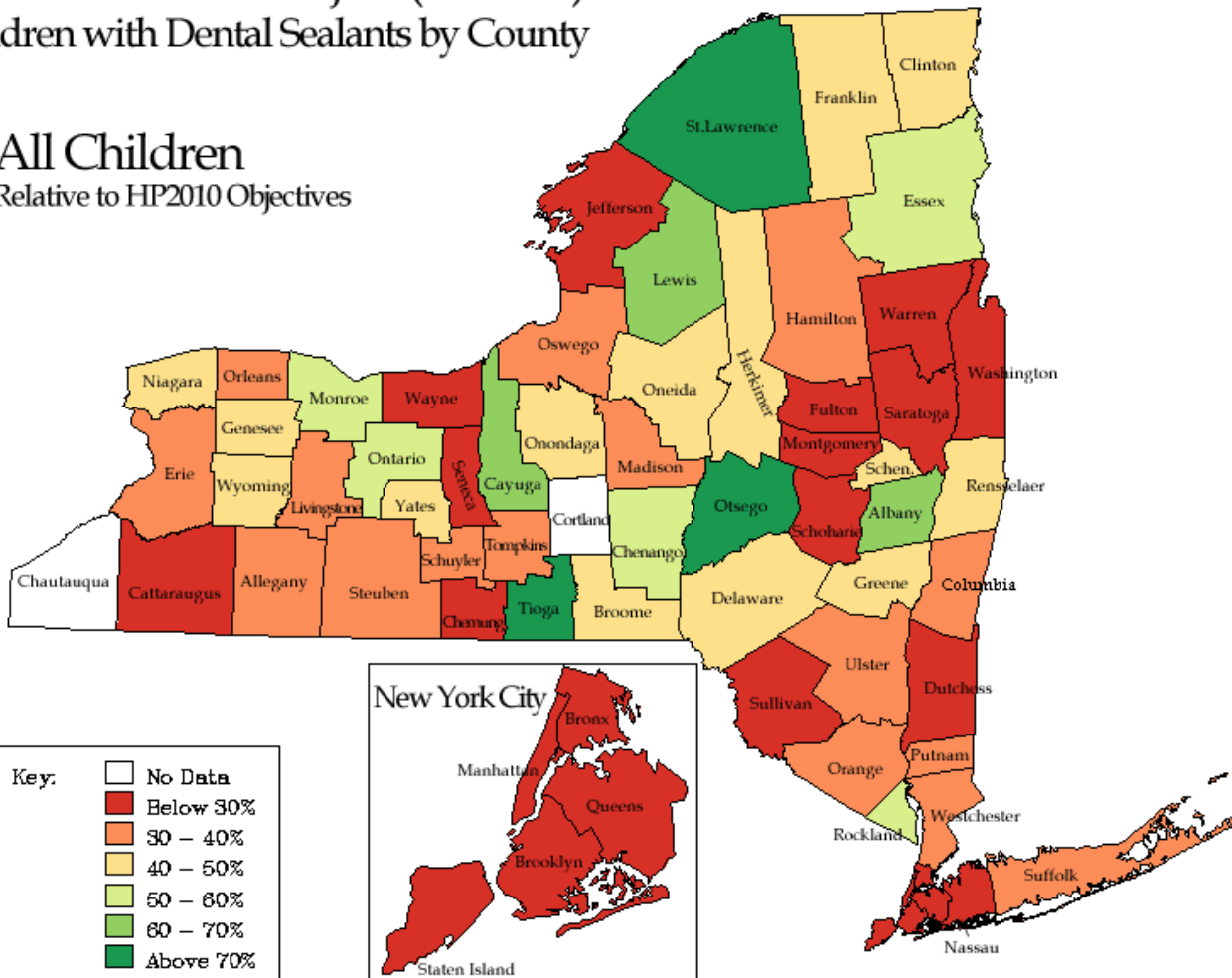
Source: New York State Oral Health Surveillance System, 2002-2004.

New York Oral Health Surveillance Project (2002-04)

Percentage of 3rd Grade Children with Dental Sealants by County



All Children
Relative to HP2010 Objectives



Question:

- **Why are some sealant programs more successful than others?**
- **How do local programs vary and what accounts for the difference in effectiveness, productivity, cost and sustainability?**

Method/data sources

Develop a “success” index:

Average # sealants/day/team

Retention rates

Quarterly reports

Percent providers

Infrastructure development

Promotional efforts

Compare highly successful programs with ones that are not.

Are there lessons to be learned?

How can we increase performance of our school based sealant program?

Method/data sources:

Students:

% retained

% failures

carries by program

participation

Staffing pattern

Type of equipment and material

School support

Parent participation

Treatment/follow up

Coordination

Scheduling

Educational activities

Local support

Qualitative Study.

Characteristics of programs will be collected by surveys/interviews.

Factors that affect “success” will be determined.

Sealant Program Tracking

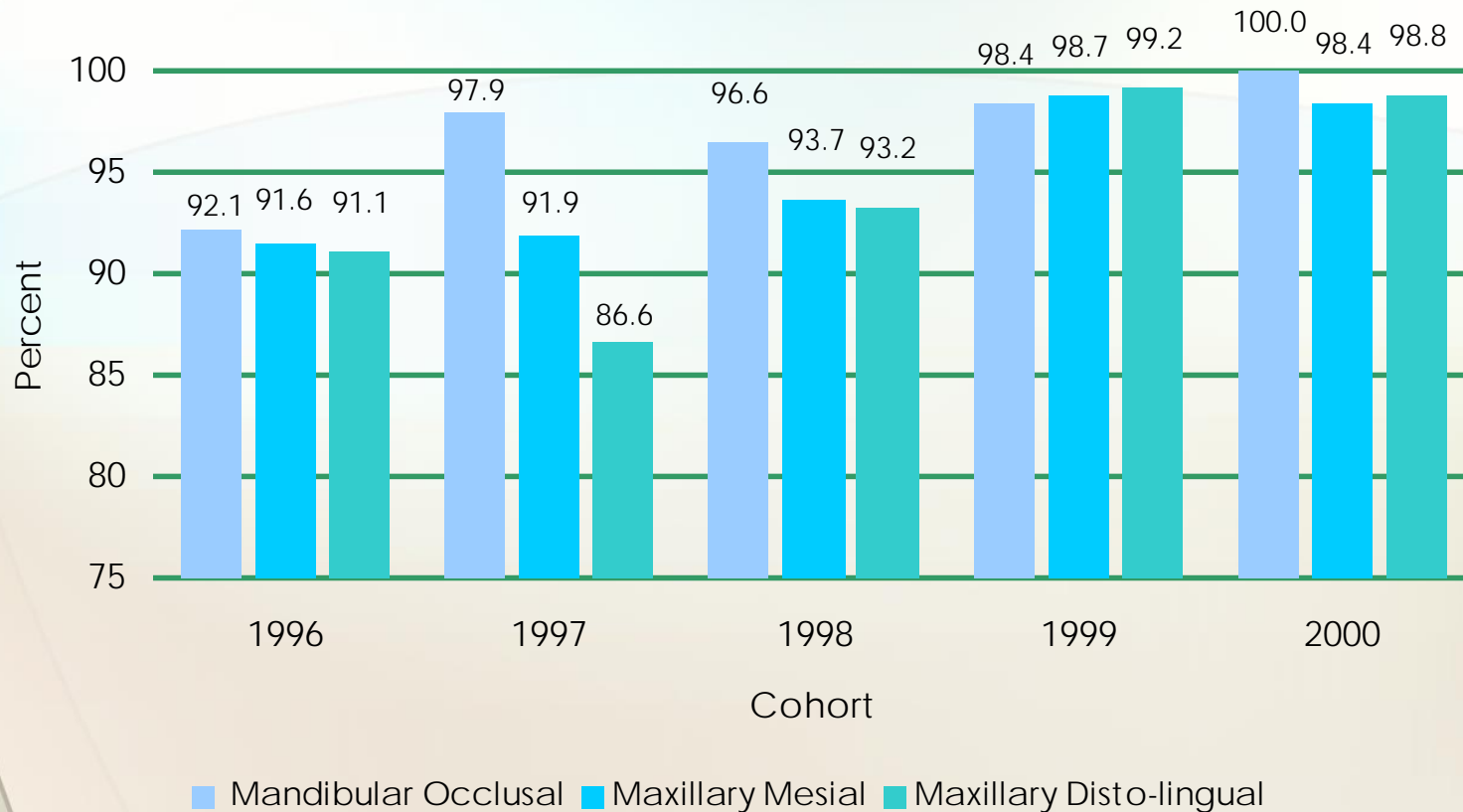
- **Contracted Programs:**
 - Quarterly narrative and statistical reports
 - Work plans
 - Site visits
 - Technical assistance

Challenges

- **Manual reports**
- **Variation in sealant programs**
- **Reporting not standardized**
- **Analysis limited**

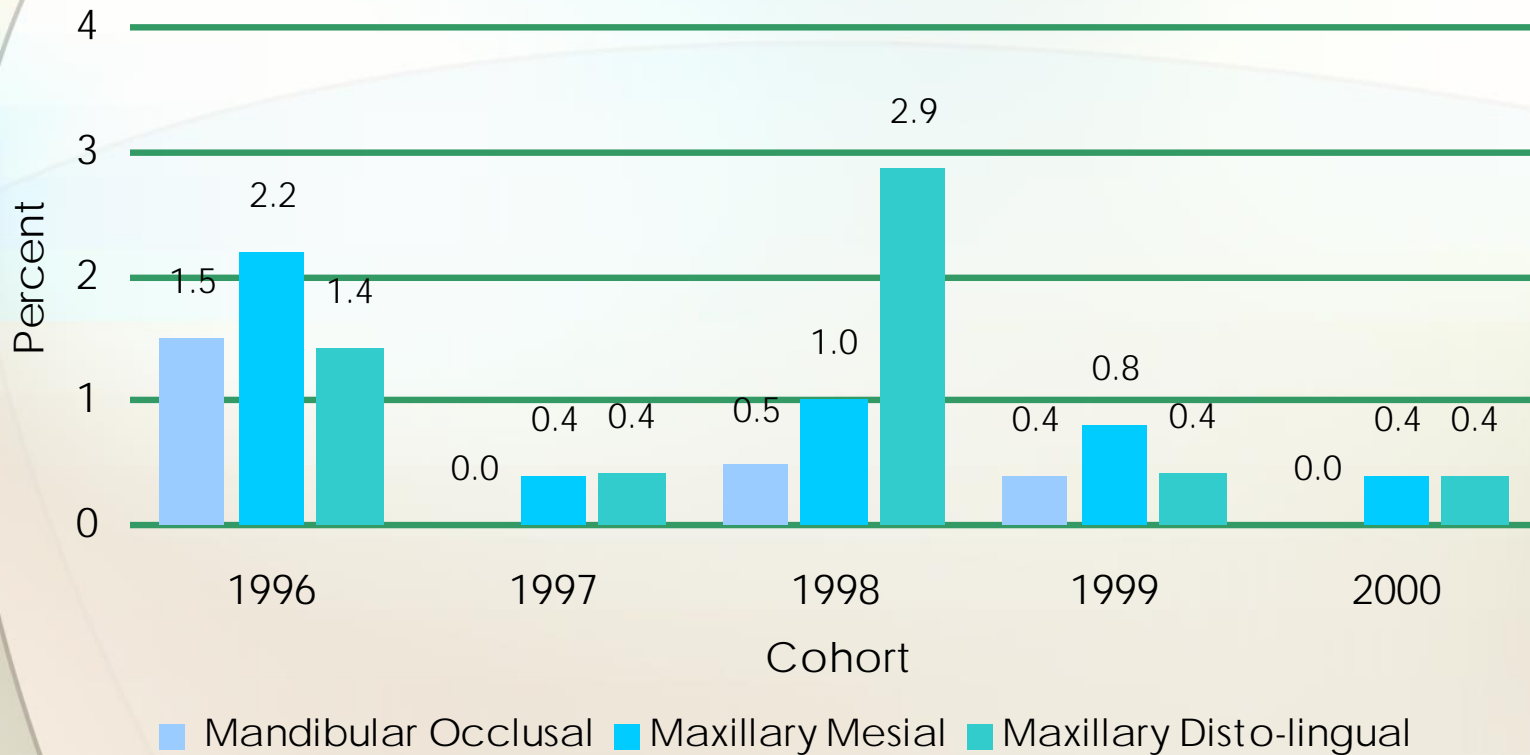
Retention rates after 1 year of placement:

Sealant Retention rates after 1 year of placement



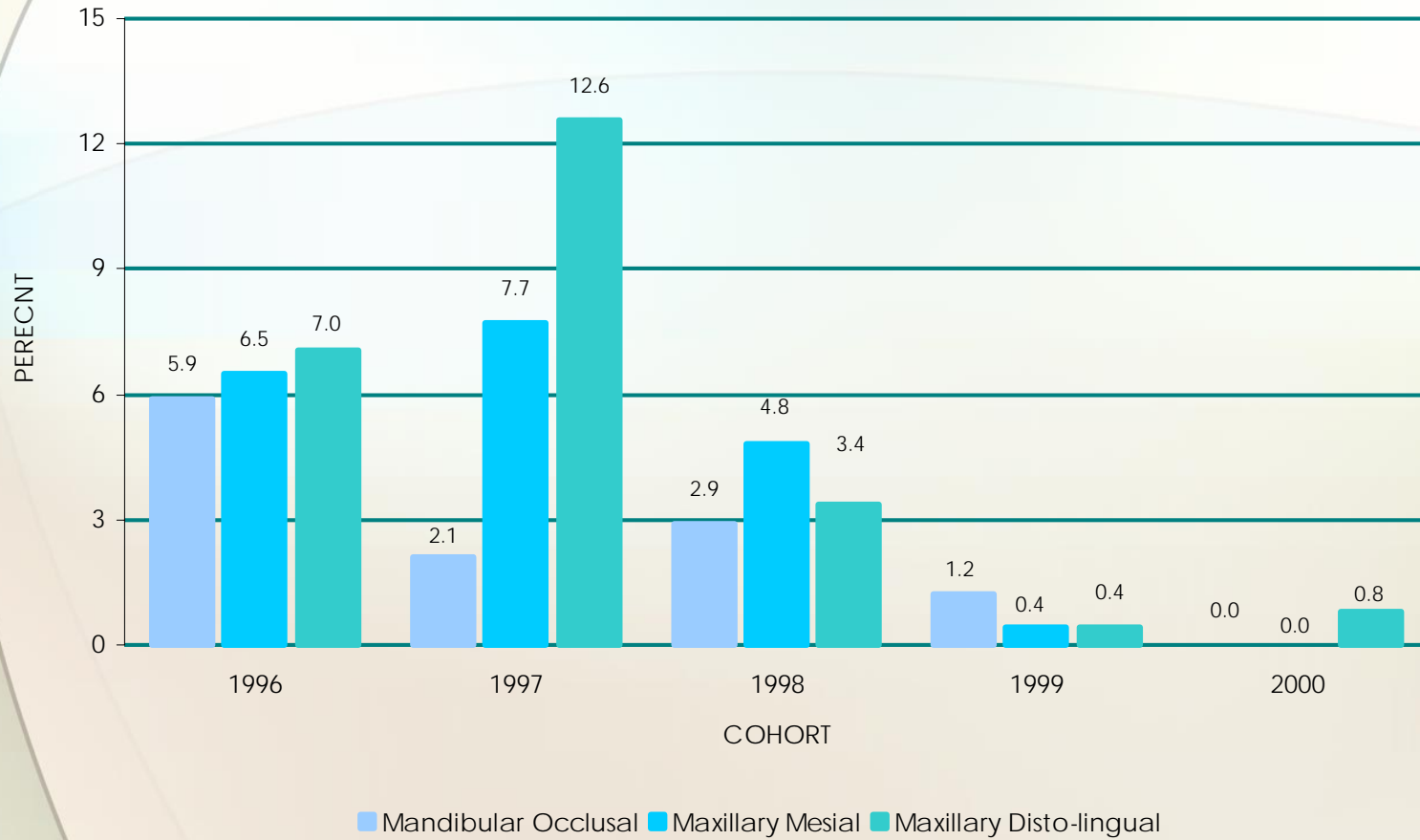
Failure rates after 1 year of placement:

Sealant Failure Rates after 1 year placement



Reseal rates after 1 year of placement:

Sealant reseal rates after 1 year of placement



Opportunity:

- **Implement An Electronic Reporting System**
 - **Statewide Performance Reporting**
 - **Sealant Efficiency Assessment for Locals and State (SEALS) Software**

Outcome of Evaluation Plan

- **Continue to define what works...what doesn't work**
- **Determine if we are meeting the needs of our target population**
- **Continue to build the national knowledge base about effectiveness of sealant programs**
- **Use the information to educate and inform the public, increase awareness and support, affect public policy and funding decisions**

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