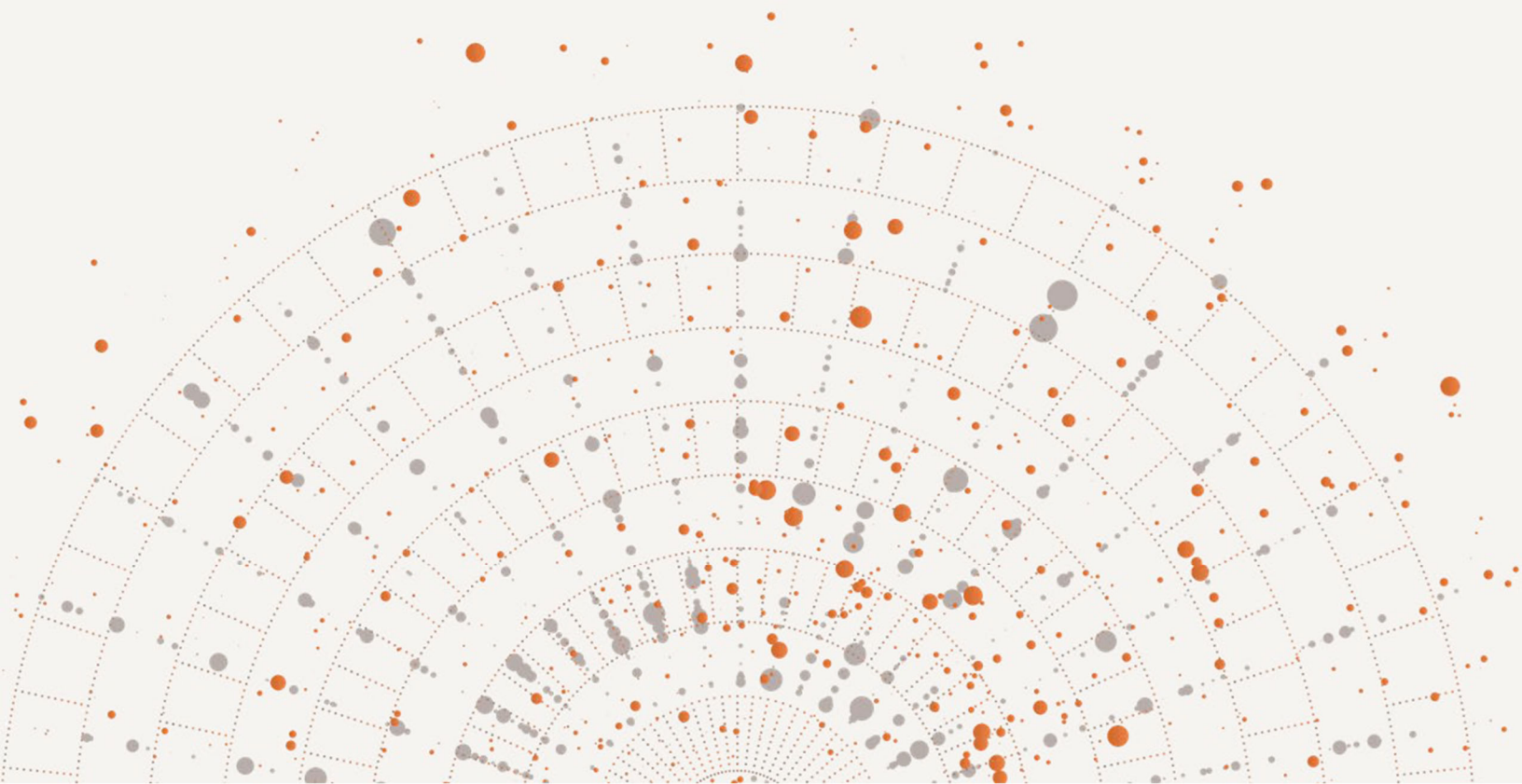


# The Prevent Blindness Children's Vision Health Map:

Vision and Eye Health Indicators and  
Community-level Relationship Variables



## Vision and Eye Health Indicators Available in the Children’s Vision Health Map

Vision and Eye Health Variables	National Rate	Population	Data Source*
<b>Vision Loss</b>			
Blindness ( $\leq 20/40$ )	0.06% (0.03%-0.09%)	US population, ages 0-17	<a href="#">VEHSS</a>
Visual Acuity Loss ( $\leq 20/40$ )	0.82% (0.53%-1.12%)		<a href="#">VEHSS</a>
<b>Amblyopia and Strabismus</b>			
Amblyopia	1.06%	Medicaid/CHIP enrollees ages 0-17	<a href="#">VEHSS</a>
Strabismus	1.43%		<a href="#">VEHSS</a>
Amblyopia or Strabismus	2.24%		<a href="#">VEHSS</a>
<b>Eyeglasses</b>			
Provision of Eyeglasses	11.71%	Medicaid/CHIP enrollees ages 0-17	<a href="#">VEHSS</a>

\*VEHSS: CDC’s Vision and Eye Health Surveillance System

## Community-level Relationship Variables Available in the Children’s Vision Health Map

Relationship Variable	National	Population	Data Source*
<b>States with Child Vision Screening Requirements As of 2024</b>			
Preschool-age	32 states		<a href="#"><u>National Center for Children’s Vision and Eye Health</u></a>
School-Age	40 states		
Any Screening	41 states		
<b>Education</b>			
Math scores	Normalized to 0	Grades 3-8	<a href="#"><u>Educational Opportunity Project</u></a>
Reading scores			
<b>Health &amp; Disability</b>			
% with a Cognitive Disability	4.82%	Ages 5-17	<a href="#"><u>ACS</u></a>
% with Hearing Loss	0.22%	Ages 0-17	<a href="#"><u>SoundCheckMap.org</u></a>
<b>Socioeconomic</b>			
% under Poverty Line	16.7%	Ages 0-17	<a href="#"><u>ACS</u></a>
Income Inequality (GINI)	4.88	Ages 18+	
<b>Eyecare Providers per 10,000 per Capita</b>			
Ophthalmologists	1.1	All ages	<a href="#"><u>National Plan and Provider Enumeration System (NPPES)</u></a>
Optometrists	2.8		
Pediatric Ophthalmologists	0.0		
Pediatric Optometrists	0.1		
Any Eyecare Providers	3.9		

\*ACS: American Community Survey