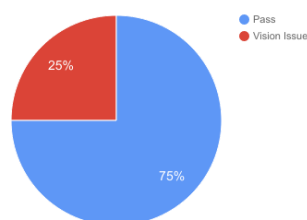


## Vision Issues in Children & Vision Screening

25% of children have vision issues impacting their learning<sup>1,2</sup>. For one million school kids, that is 250,000 students in need.

Vision Issues Children 0-18



About 90,000 need eyeglasses for nearsightedness/myopia<sup>3,4</sup>

**DISTANCE VISION & NEAR ACUITY SCREENING WILL DETECT THESE STUDENTS.**

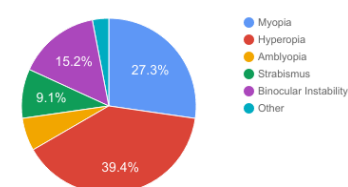
About 130,000 need eyeglasses for farsightedness/hyperopia<sup>3,4</sup>.

**DISTANCE & NEAR VISION ACUITY SCREENING WILL MISS MOST OF THESE STUDENTS.**

20,000 have amblyopia or "lazy eye"<sup>3,4</sup>.

**DISTANCE & NEAR VISION ACUITY SCREENING WILL DETECT THESE STUDENTS.**

Relative Rates of Various Vision Issues



30,000 have strabismus or an eye turn<sup>3,4</sup>. **DISTANCE & NEAR VISION ACUITY SCREENING WILL MISS MOST OF THESE STUDENTS.**

50,000 have binocular/eye focusing instability like convergence insufficiency<sup>5</sup>.

**DISTANCE & NEAR VISION ACUITY SCREENING WILL MISS MOST OF THESE STUDENTS.**

Note: The above breakdown adds up to more than 250,000 because many children have multiple issues.

**CONCLUSION:** Distance and near visual acuity alone may miss 14% or up to 140,000 out of 1,000,000 students that have a clinically significant vision issue that could be impacting their learning.

To identify this 14% group with farsightedness, strabismus, or binocular instabilities a screening will need to include some optional tools and techniques.

- To identify farsightedness/hyperopia ADD Hyperopia Flipper test, or an autorefractor technology device<sup>6,10</sup>.
- To identify some strabismus ADD a stereovision 3D test.
- To identify binocular instabilities such as convergence insufficiency ADD the Convergence Insufficiency Symptom Survey<sup>8,9</sup>.

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