



## NIH Toolbox - Visual Acuity Test

<b>Event Category:</b>	Time-Based
<b>Event:</b>	36M, 60M
<b>Administration:</b>	N/A
<b>Instrument Target:</b>	Child
<b>Instrument Respondent:</b>	Child
<b>Domain:</b>	Physical Measures
<b>Document Category:</b>	Physical Measure
<b>Mode (for this instrument*):</b>	In-Person, CAI;
<b>OMB Approved Modes:</b>	In-Person, CAI; Web-Based, CAI
<b>Method:</b>	Data Collector Administered
<b>Estimated Administration Time:</b>	3 minutes
<b>Multiple Child/Sibling Consideration:</b>	Per Child
<b>Special Considerations:</b>	N/A
<b>Version:</b>	1.0
<b>MDES Release:</b>	4.0
<b>Publisher:</b>	NIH Toolbox
<b>NCS Contact:</b>	Westat - 301-251-1500

\*This instrument is OMB-approved for multi-mode administration but this version of the instrument is designed for administration in this/these mode(s) only.

Public reporting burden for this collection of information is estimated to average 3 minutes (total) per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. **An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.** Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0593\*). Do not return the completed form to this address.

## **Physical Measures Visual Acuity Test**

This test directly measures participants' visual acuity, or distance vision. The participant is seated 12.5 feet away from a computer monitor at eye level, and letters (called "optotypes") are displayed one at a time on the screen for the participant to identify, using both eyes at the same time.

As the participant successfully identifies optotypes of a given size, smaller ones appear on the screen, until the computer program ascertains the smallest-size optotype the participant can successfully see. Conversely, the program displays larger optotypes if the participant cannot see the letter size that is first displayed, until a size that he/she can accurately see is found.

For participants ages 3-7, only the letters H, O, T, and V are used, and children may point to a laminated card showing the letters if they cannot verbalize or cannot recall the letter names.

This test takes approximately three minutes to administer and is recommended for ages 3-85.