## A Closer Look

# Telling Your Story with Data

Effective visualization helps users analyze and reason about data and evidence. It makes complex data more accessible, understandable, and usable. It engages the reader, supports multiple learning styles, and reveals trends at a glance. Consider these graphics from real Head Start community assessment reports.

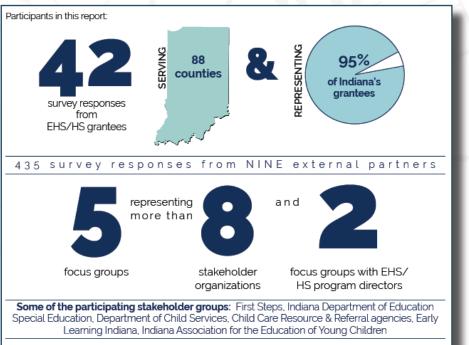


#### Either or Both?

These two charts share the same data. The colorful bar graph quickly exposes key trends and offers food for thought. The chart of numerical data lets you dig into the specifics. Together they can drive research and inform decision-making.

	ACCESS * SERVICE	ACCESS NEEDED  SERVICE	ACCESS NEEDED SERVICE	ACCESS NEEDED SERVICE	THIS TYPE OF ▼ SERVICE	TOTAL
▼ Child care	<b>6%</b> 5	<b>7%</b> 6	<b>19%</b> 15	26% 21	<b>42%</b> 34	81
▼ Early education	<b>4</b> % 3	5% 4	25% 20	<b>43</b> % 34	<b>24</b> % 19	80
→ Medical/ Health	0% O	<b>6%</b> 5	21% 16	32% 25	41% 32	78
<ul> <li>Children's mental health</li> </ul>	196 1	13% 10	14% 11	<b>26</b> % 20	<b>46%</b> 36	78
<ul> <li>Adult mental health</li> </ul>	<b>4%</b> 3	12% 9	12% 9	13% 10	59% 44	75
▼ Special needs	196 7	9% 7	13% 10	18% 14	<b>59%</b> 46	78
<ul> <li>Addiction/ substance abuse</li> </ul>	<b>19</b> 6	5% 4	<b>6</b> % 5	<b>9</b> % 7	<b>78%</b> 62	79
▼ Domestic violence	196 1	4% 3	<b>8</b> % 6	996 7	<b>78%</b> 60	77
▼ Food/ nutrition	0% O	8% 6	17% 13	<b>29</b> % 23	<b>46%</b> 36	78
→ Housing assistance	3% 2	8% 6	13% 10	1896 14	<b>59%</b> 47	79
▼ Transportation	5% 4	8% 6	15% 12	16% 13	56% 44	79
<ul> <li>Affordable phone/internet</li> </ul>	3% 2	13% 10	14% 11	14% 11	<b>57%</b> 45	79
▼ Financial assistance	4% 3	14% 11	17% 13	1 <b>6</b> % 12	<b>49</b> % 37	76

**Source:** Explorers Academy, Head Start, Inc Five-Year Community Assessment, February 2018, page 78.



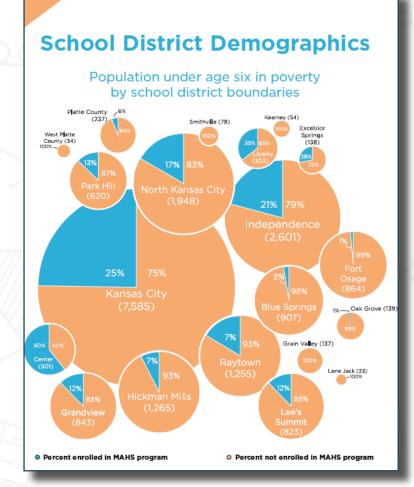
#### The Power of Big Numbers

Community assessment reports commonly list their research methodologies and participants. This display reveals what advertisers have long known, big numbers grab the reader's attention. You looked here first didn't you? Used wisely, prominent numbers are "brain candy."

**Source**: 2018 Indiana Early Head Start and Head Start Needs Assessment Report., page 5.

### **Data Maps**

Smart infographics balance data and visualization. This graphic shows the percentage of children enrolled in programs in relation to the total number of children under the age of 6 living in poverty. At a glance you can see which communities are served and where there may be gaps in service.



**Source:** MARC (Mid-America Regional Council) 2017–2018 Mid-America Head Start Community Assessment, page 7.