

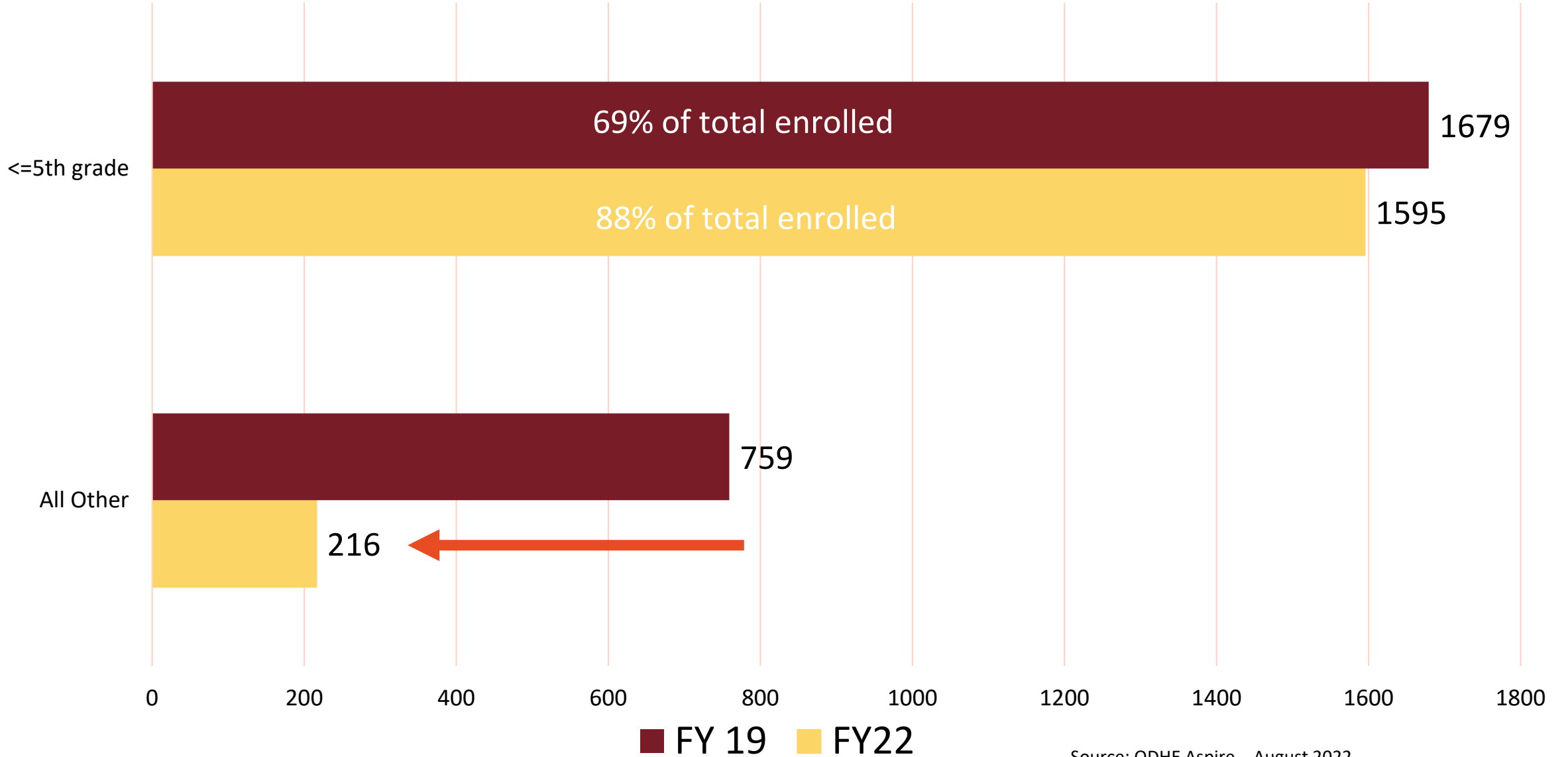


Adult Education

Laureen Atkins-Holliday, The Literacy Cooperative

Cuyahoga County ASPIRE Data

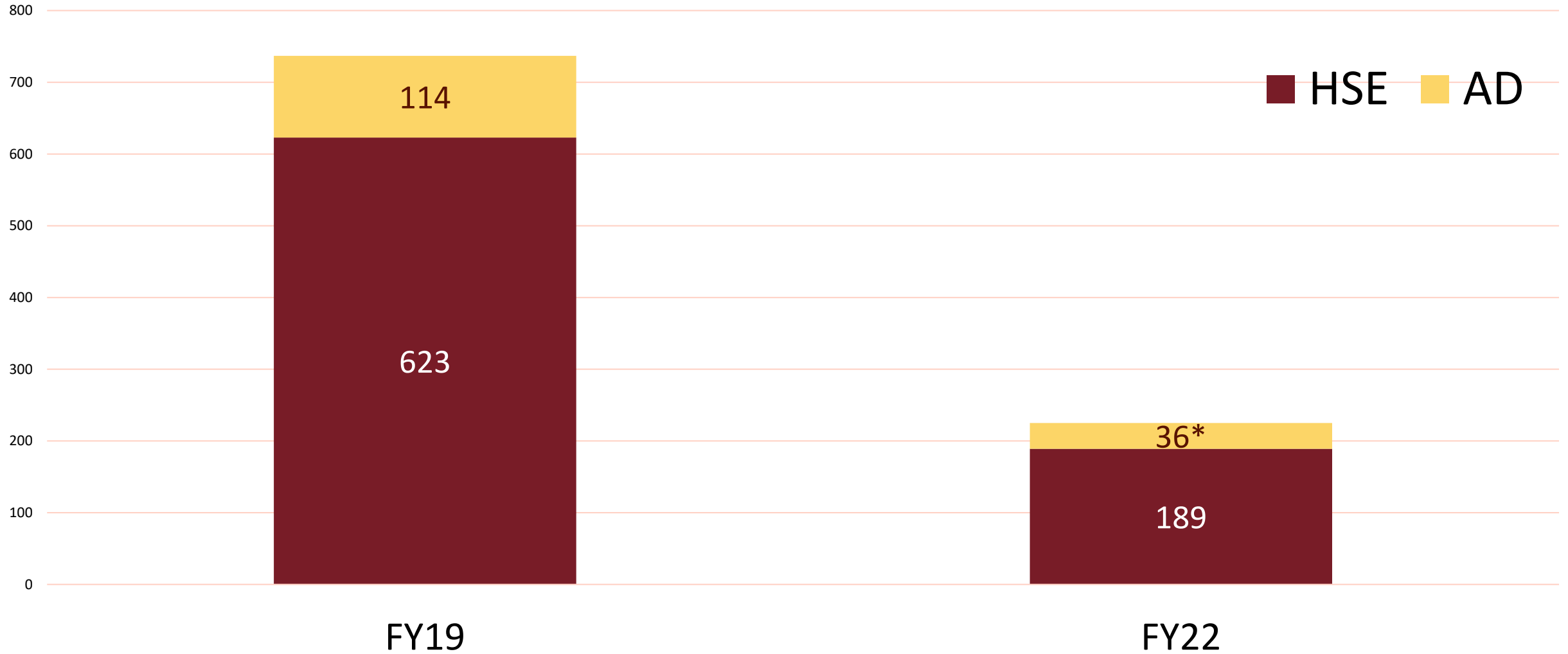
Enrollment by Educational Functioning Levels



Source: ODHE Aspire – August 2022

High School Equivalencies/Adult Diploma

CUYAHOGA COUNTY



*FY21 data

Source: ODE Office of Career Technical Education – October 2022

Observations

- Adults with the lower levels of literacy continue to attend adult education
- Adults with higher levels of literacy are not attending at the same level as prior to the pandemic
- HSE and AD numbers are dramatically lower
- Are adults with the higher literacy levels finding employment without the HSE?
- Are these adults experiencing more barriers that are causing the drop-off in enrollment and HSE/AD completion?

What is PIAAC?

The Program for the International Assessment of Adult Competencies (PIAAC)

- Cyclical, large-scale study
- Developed through the Organization for Economic Cooperation and Development (OECD).
- **Focuses on workplace skills needed for 21st-century society and the global economy.**

PIAAC

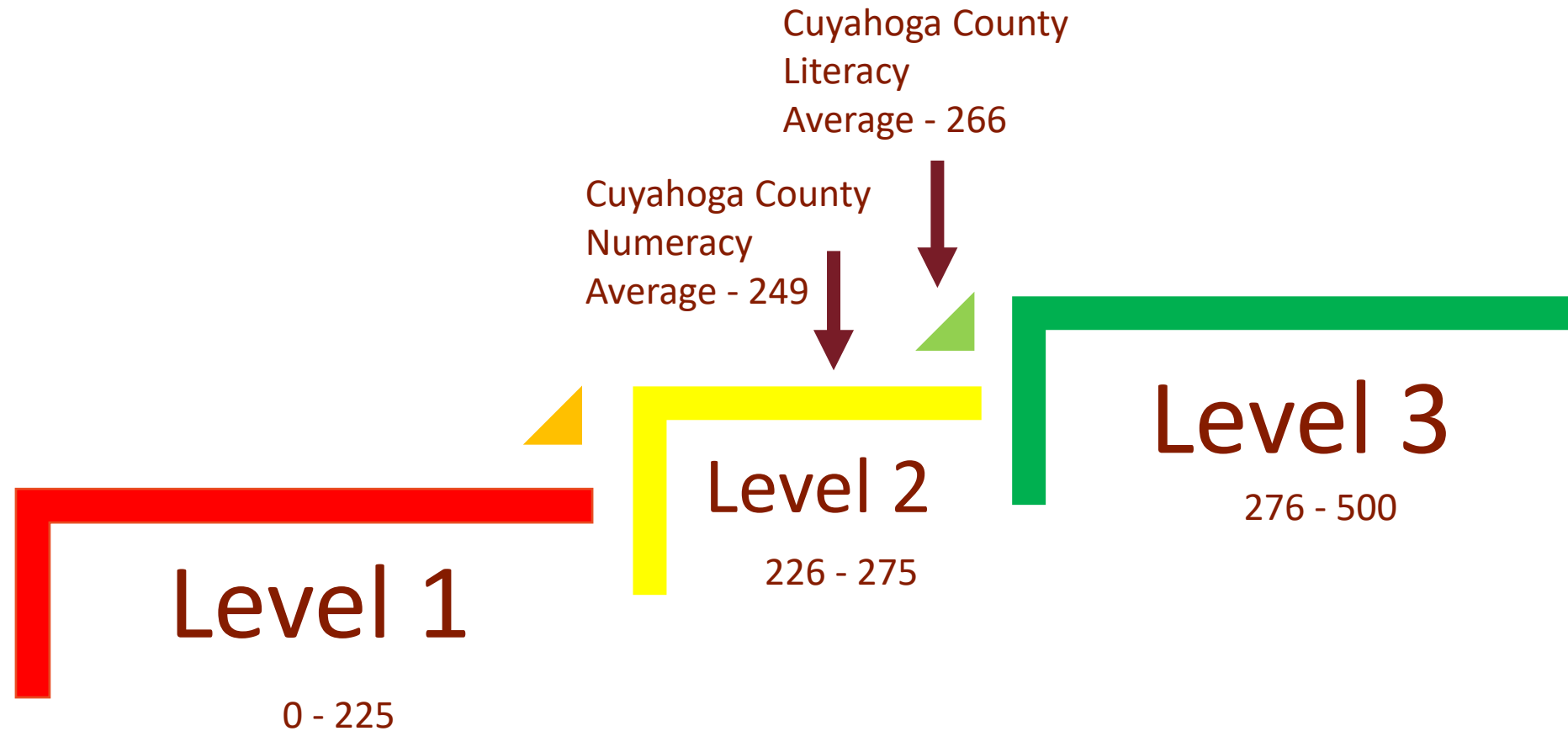
Proficiency Levels and Score Range



Source: <https://www.piaacgateway.com/>

PIAAC

Proficiency Levels and Score Range



Source: <https://www.piaacgateway.com/>

Literacy Definitions

OECD: Survey of Adult Skills (PIAAC)

- Literacy – “understanding, evaluating, using and engaging with written text to participate in society, to achieve one's goals and to develop one's knowledge and potential.”
- Numeracy - "the ability to access, use, interpret, and communicate mathematical information and ideas, to engage in and manage mathematical demands of a range of situations in adult life."

UNESCO:

- Functionally Literate – “. . .**can engage** in all those activities in which literacy is required for effective functioning of his/her group and community and also for enabling him/her to continue to use reading, writing, and calculation for his/her own and the community’s development.”
- Functionally illiterate – “. . . **cannot engage** in all those activities in which literacy is required for effective functioning of his/her group and community and also for enabling him/her to continue to use reading, writing, and calculation for his/her own and the community’s development.”

What does this mean?

PIAAC indicates that Level 1 & Below includes adults that are functionally illiterate and innumerate.

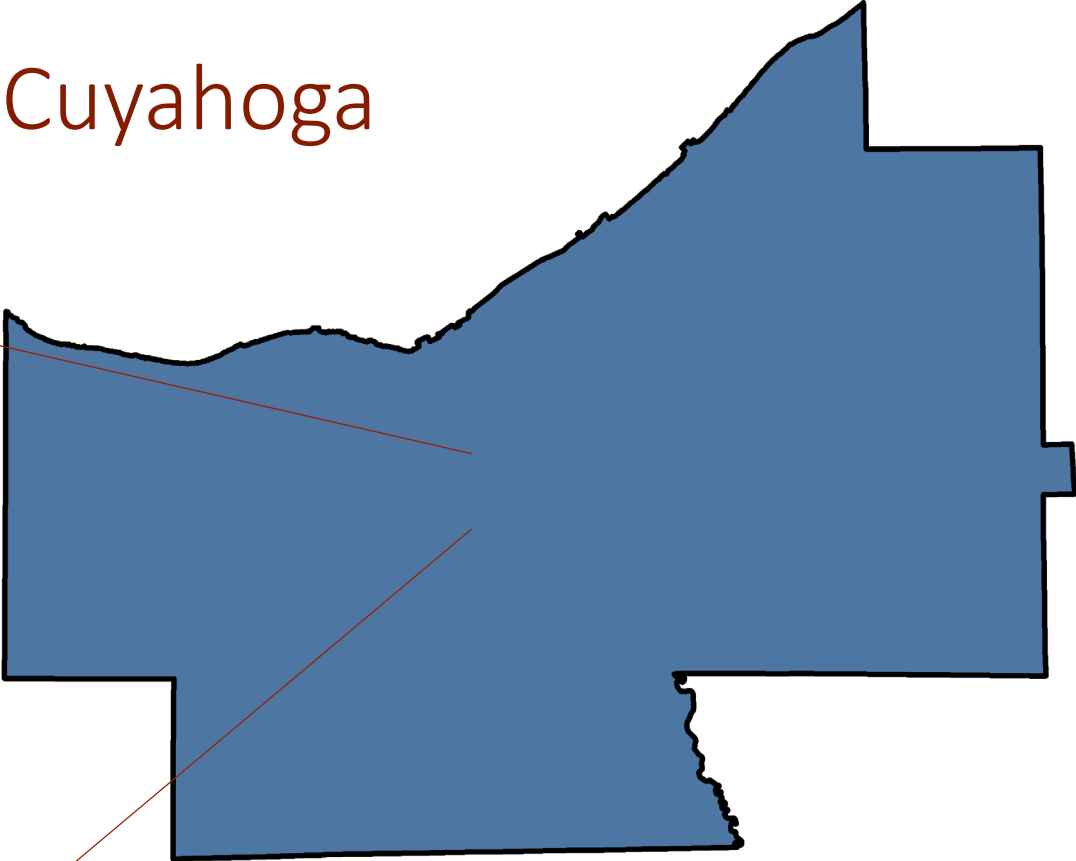
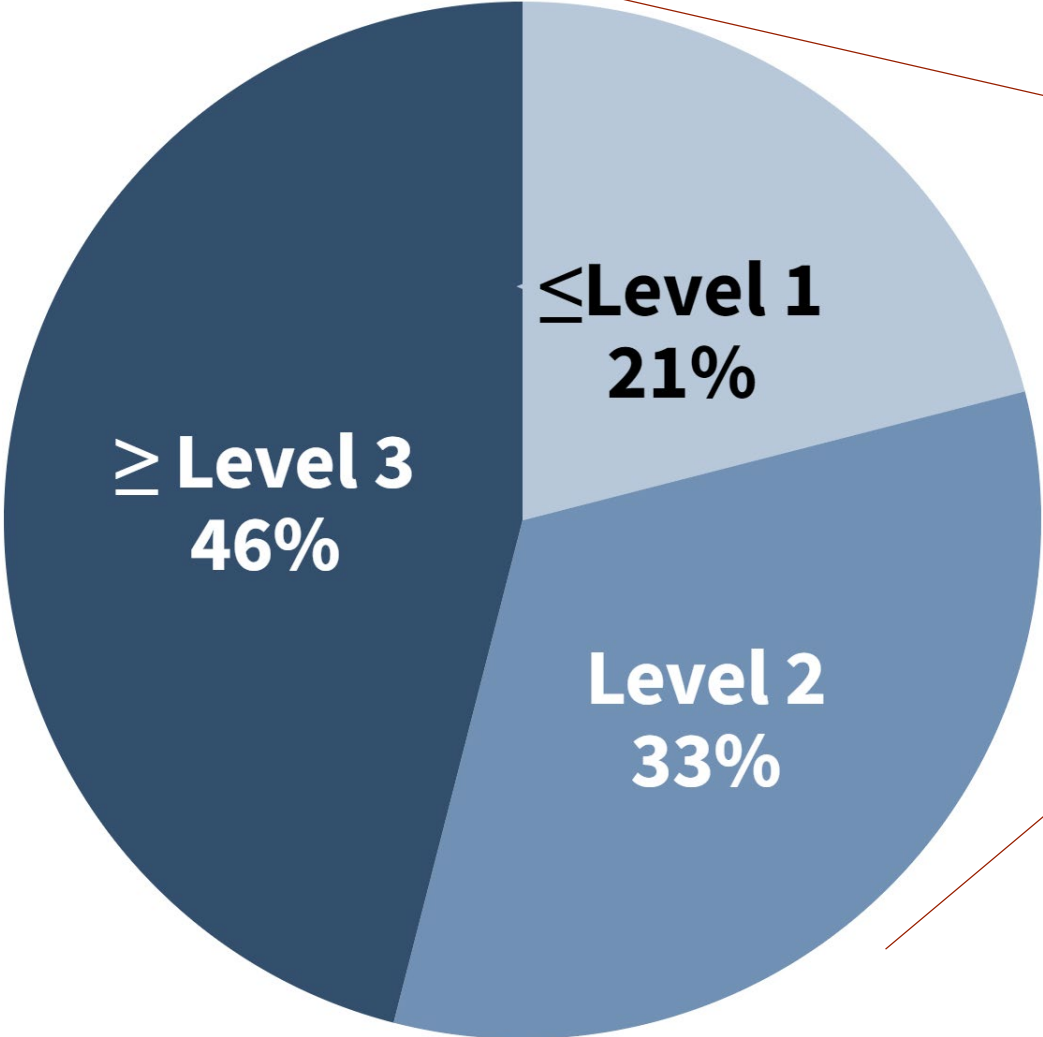


The average scores for the Nation, Ohio and Cuyahoga County are at a Level 2 which is considered near proficiency or mid-level proficiency.



According to PIAAC, Level 2 does not meet the criteria for functional illiteracy.

Survey of Adult Skills; Literacy in Cuyahoga

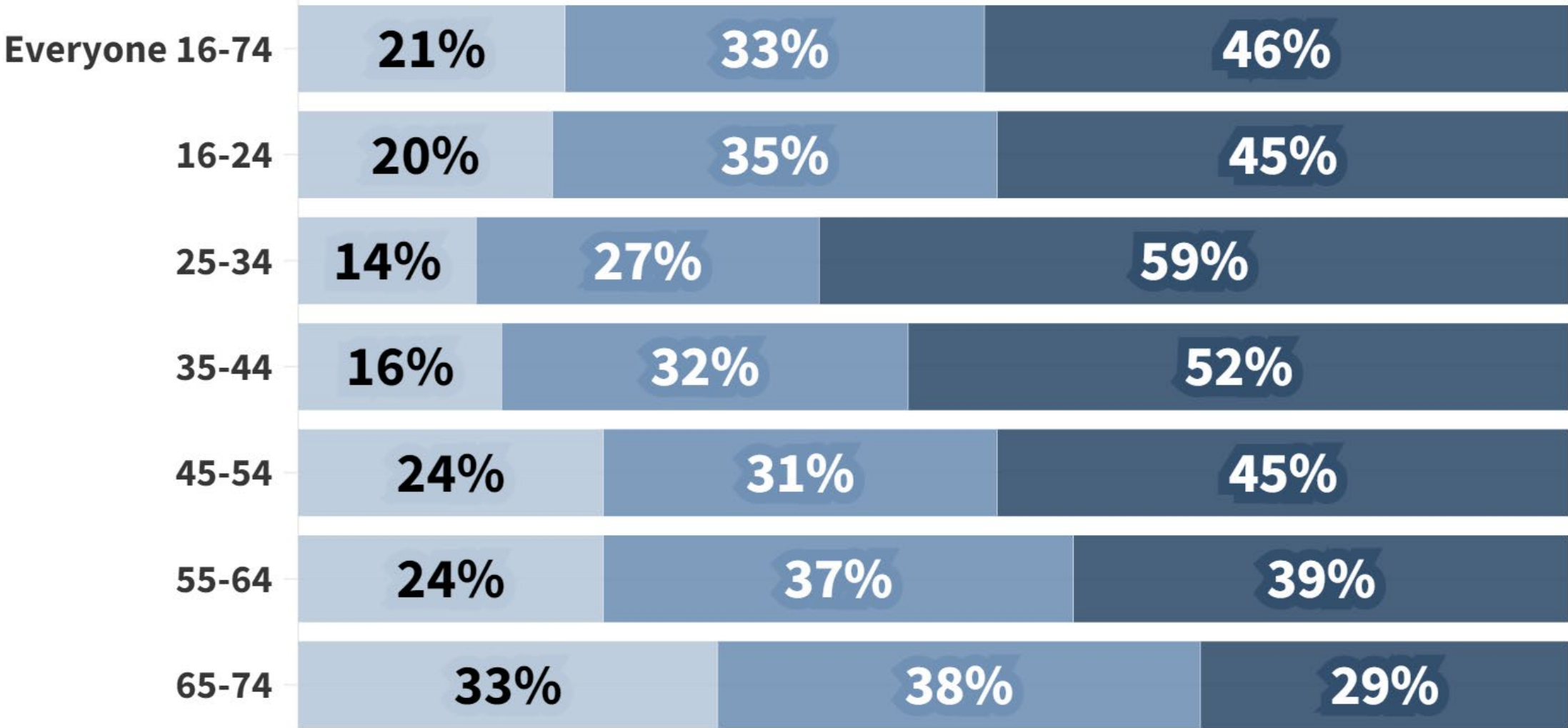


Sources:
U.S. PIAAC Skills Map:
• State and County indicators of Adult Literacy and Numeracy (2020)

Literacy in Cuyahoga by Age

Sources:
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• State and County indicators of Adult Literacy and Numeracy (2020)

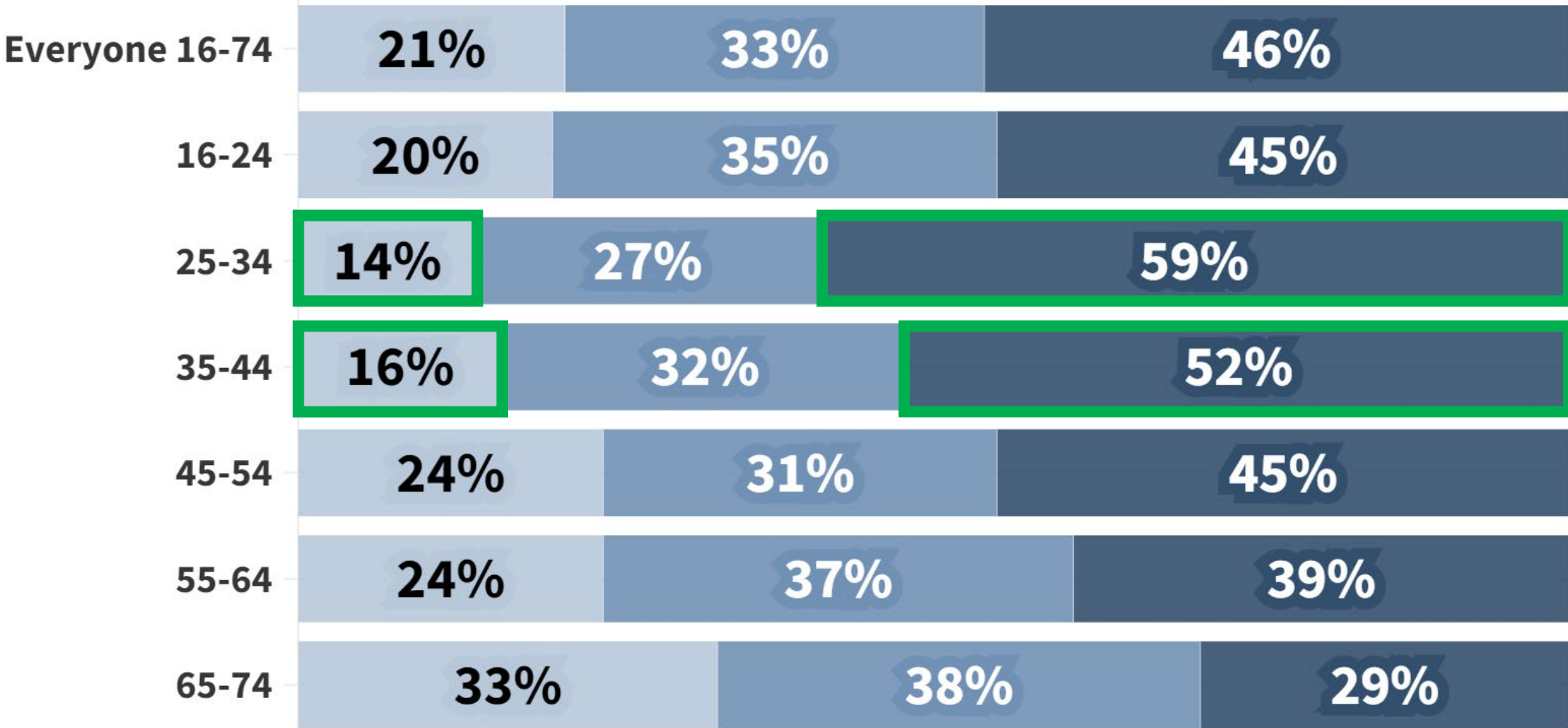
■ ≤ Level 1 ■ Level 2 ■ ≥ Level 3



Literacy in Cuyahoga by Age

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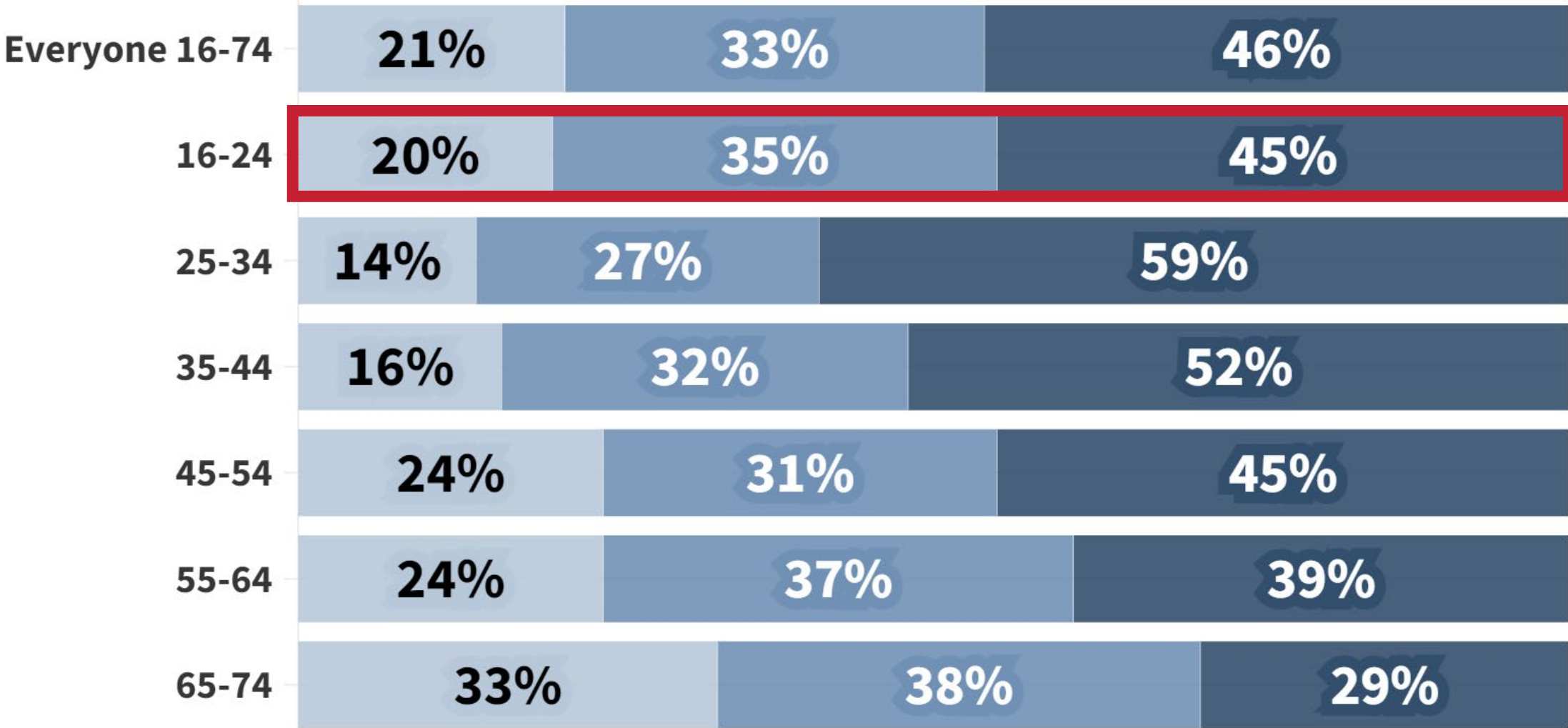
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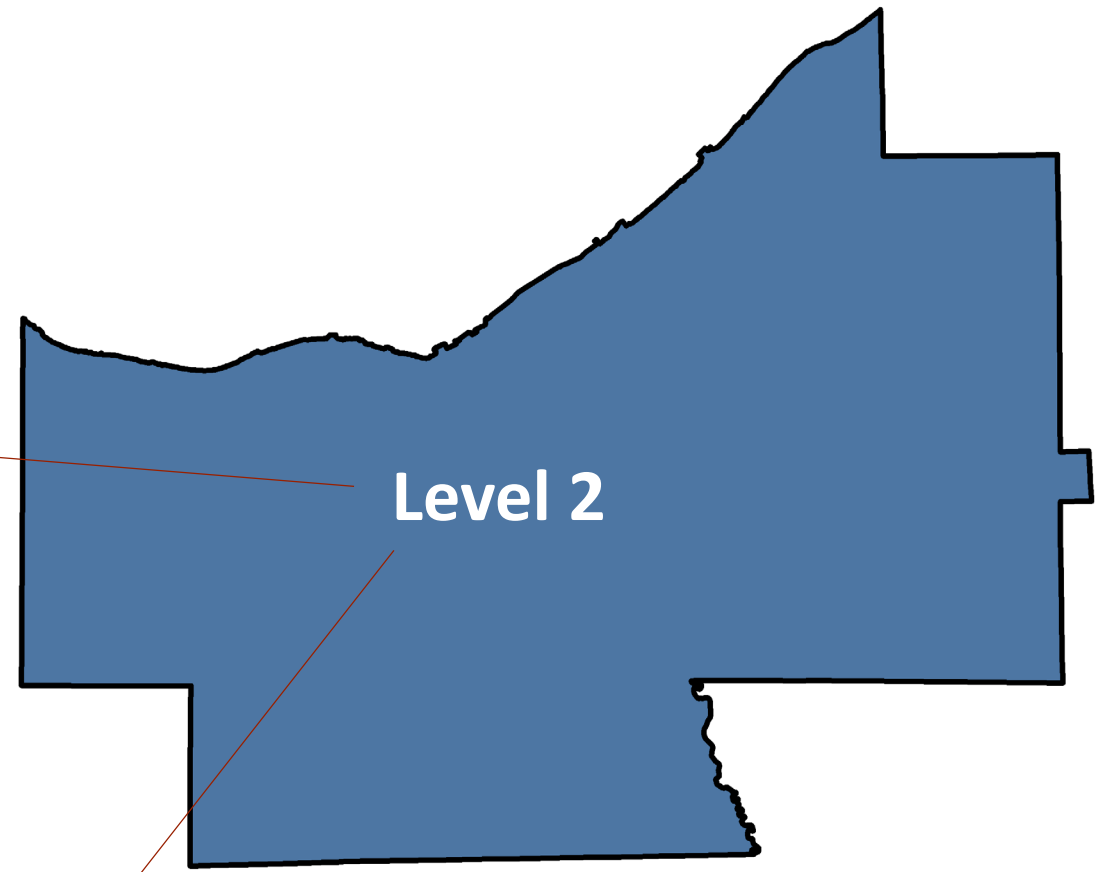
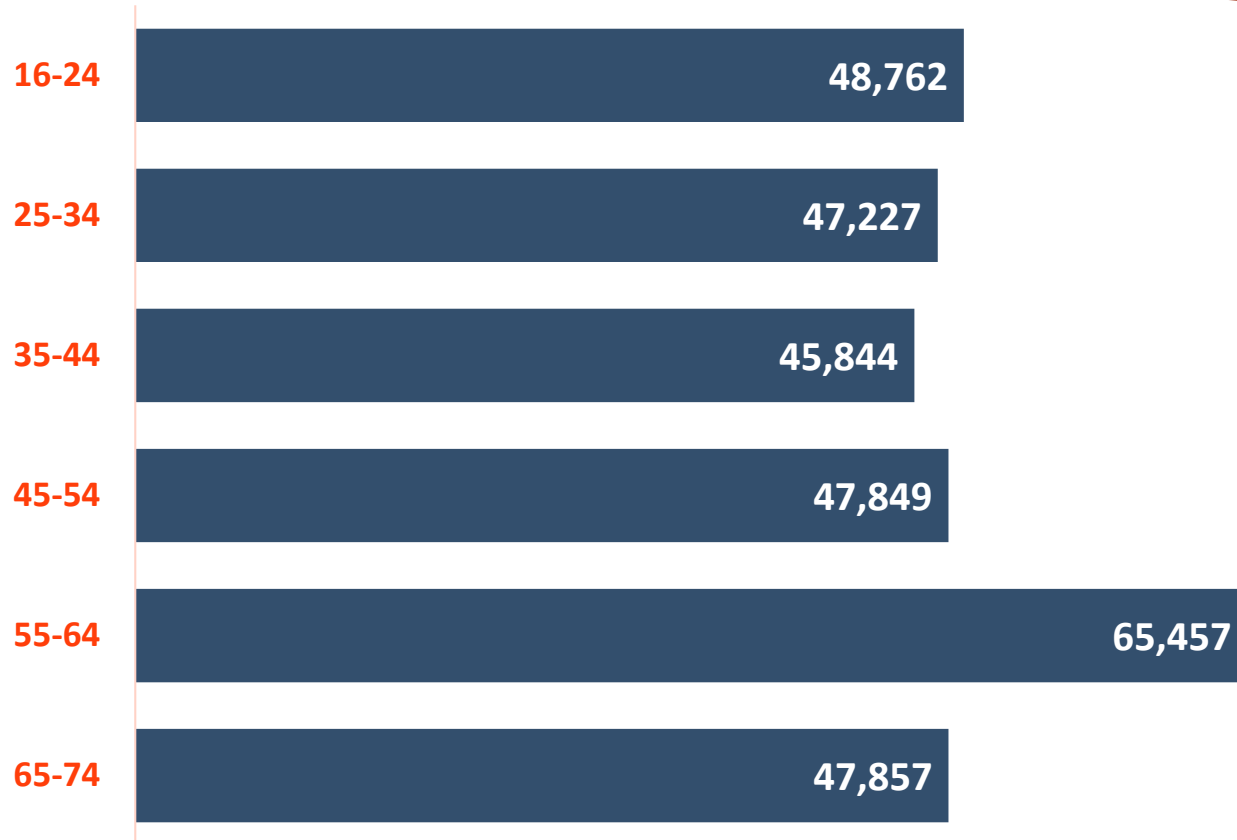
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By the numbers; Level 2



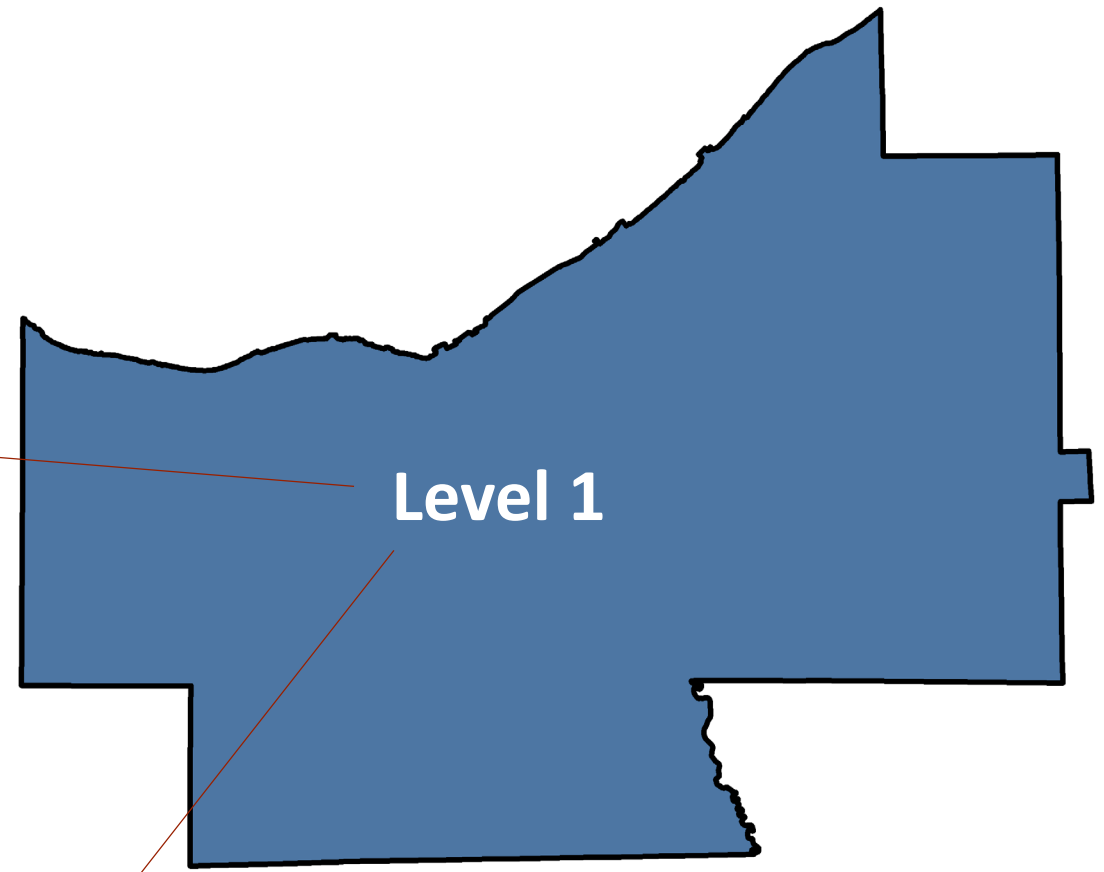
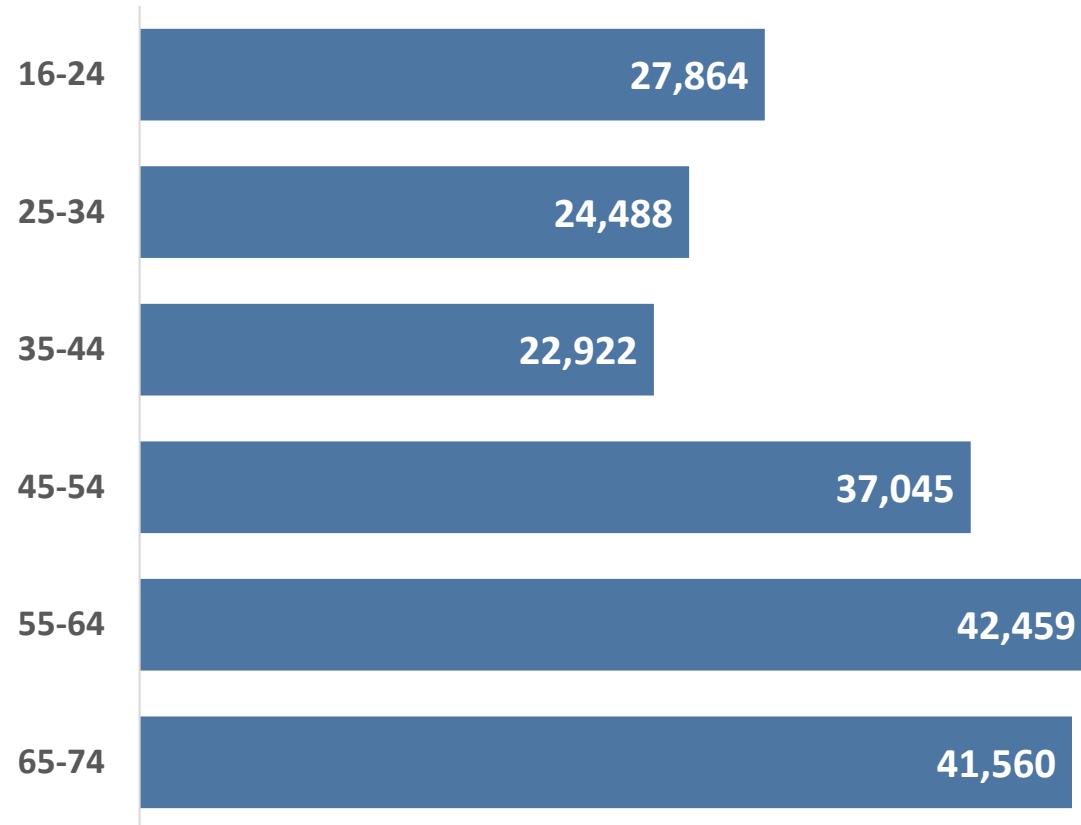
Approximately 302,996 residents in Level 2

Sources:

U.S. PIAAC Skills Map:

- State and County indicators of Adult Literacy and Numeracy (2020)

By the numbers; Level 1



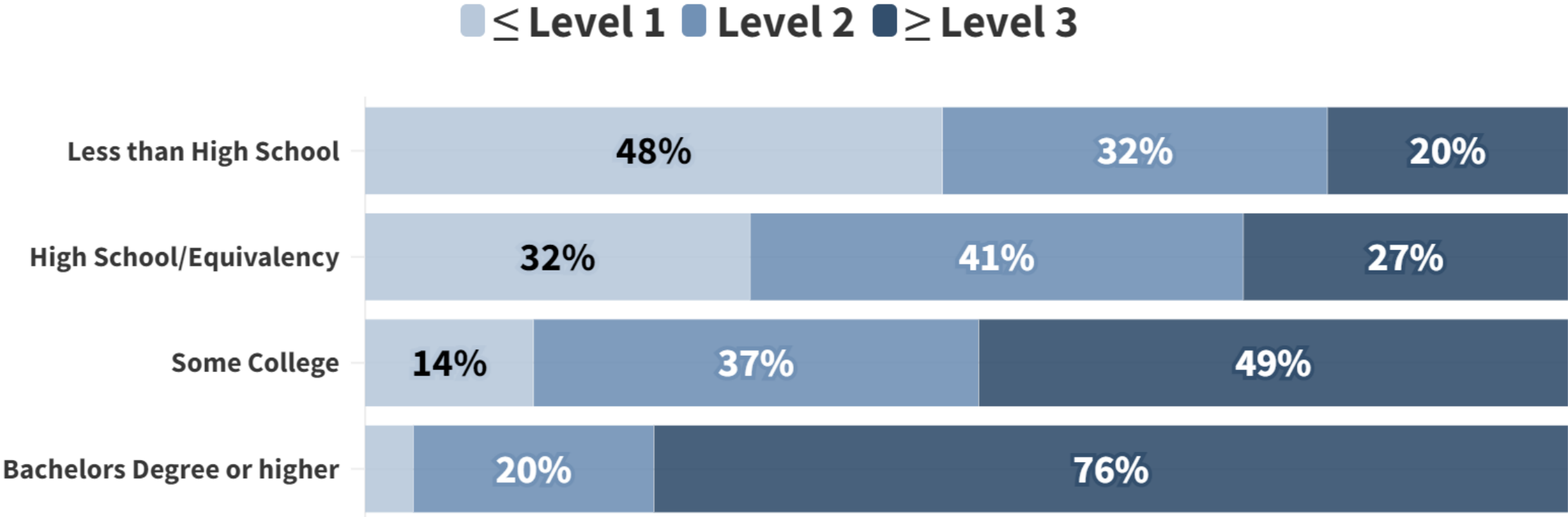
Approximately 196,337 residents in Level 1

Sources:

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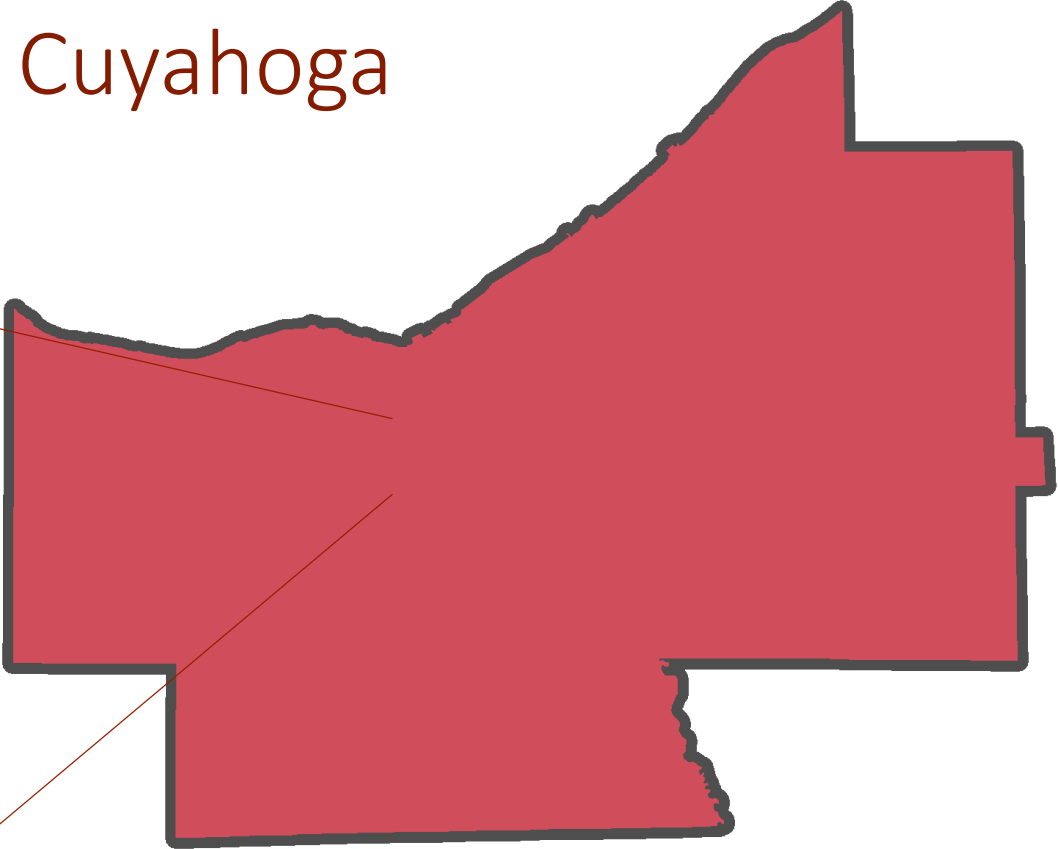
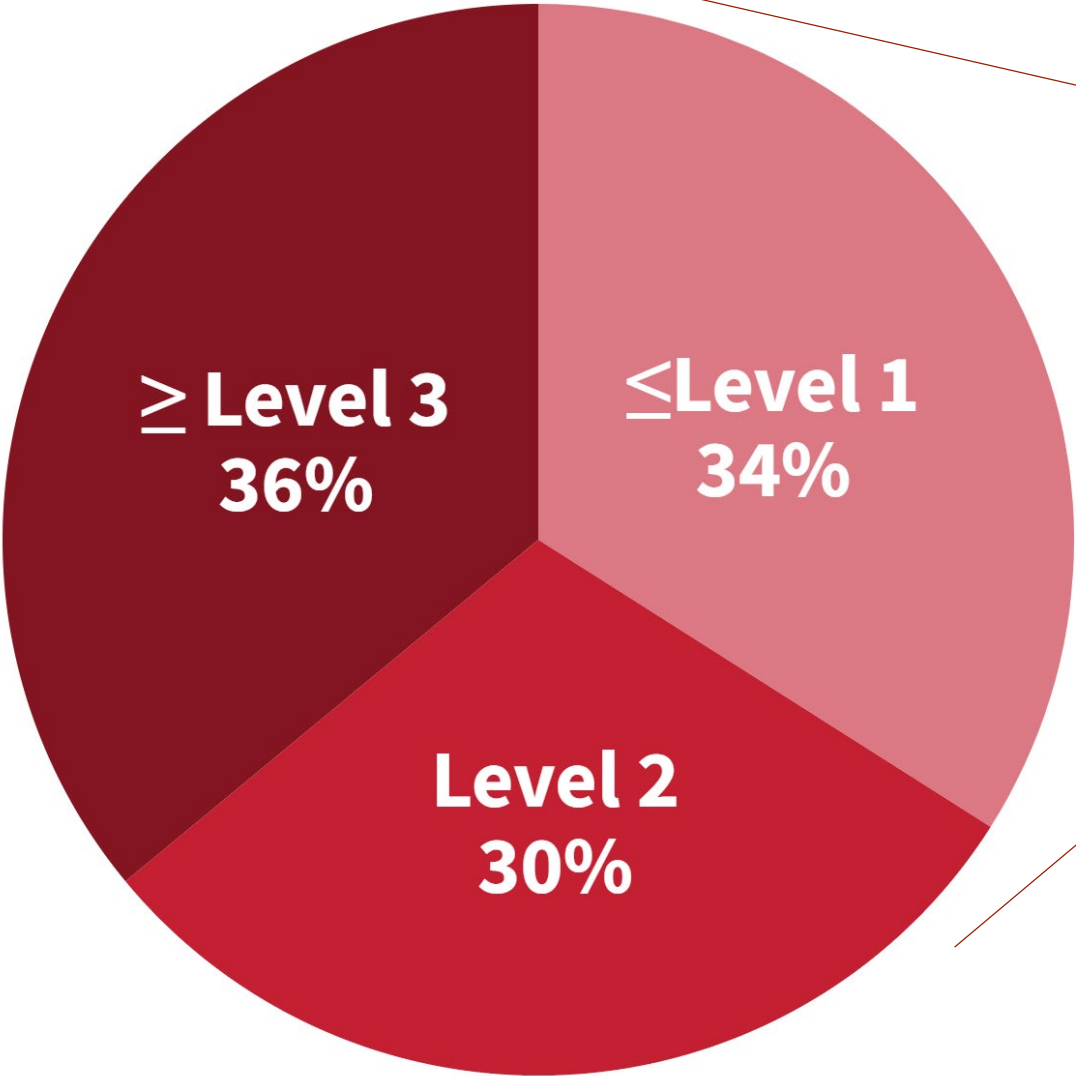
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Literacy in Cuyahoga by Education



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Survey of Adult Skills; Numeracy in Cuyahoga

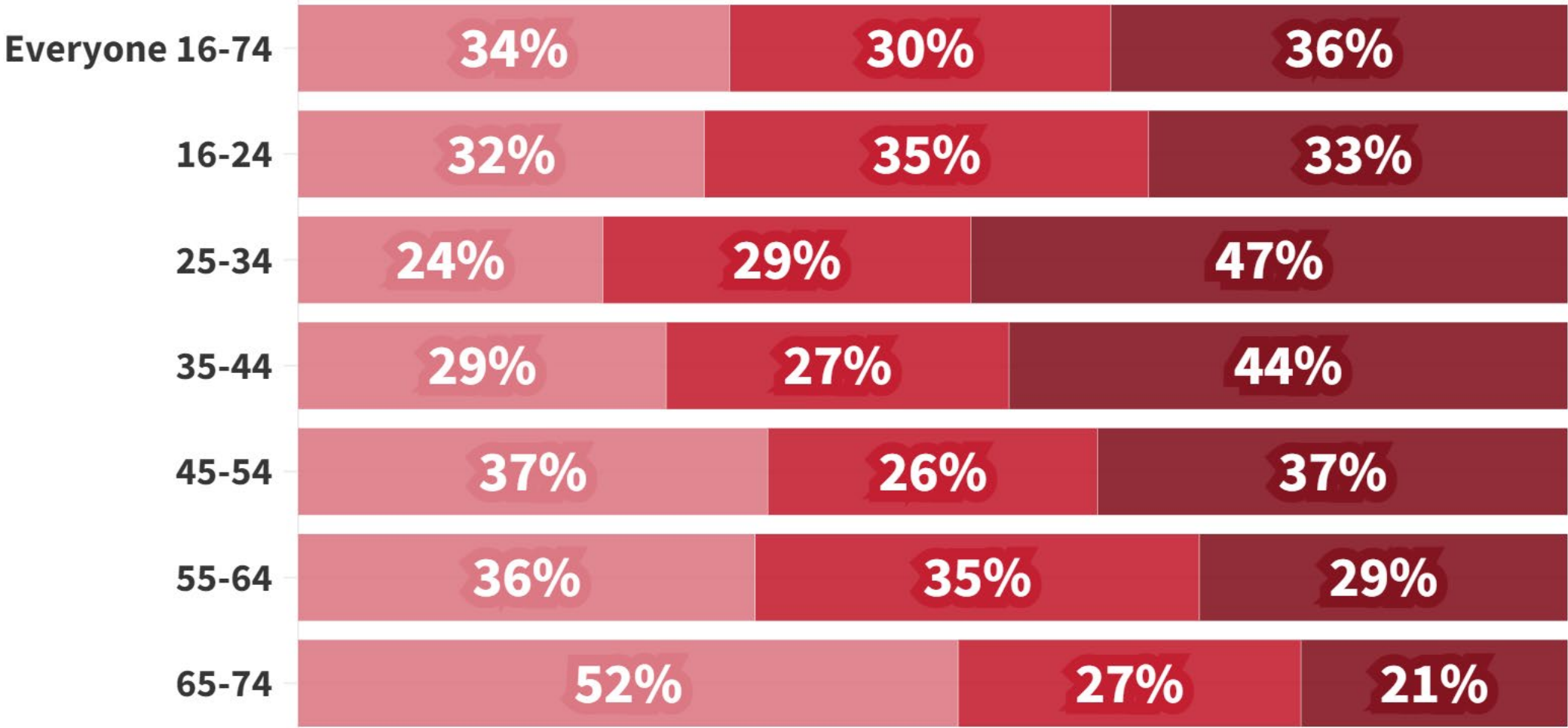


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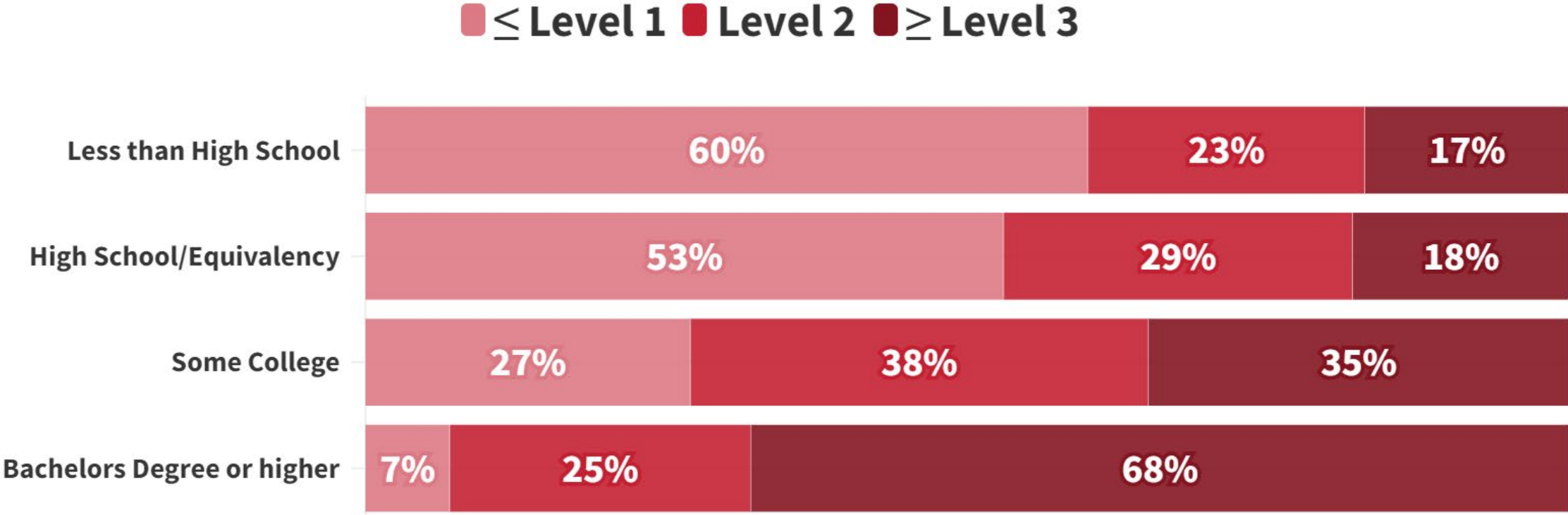
Numeracy in Cuyahoga by Age

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■ ≤ Level 1 ■ Level 2 ■ ≥ Level 3



Numeracy in Cuyahoga by Education

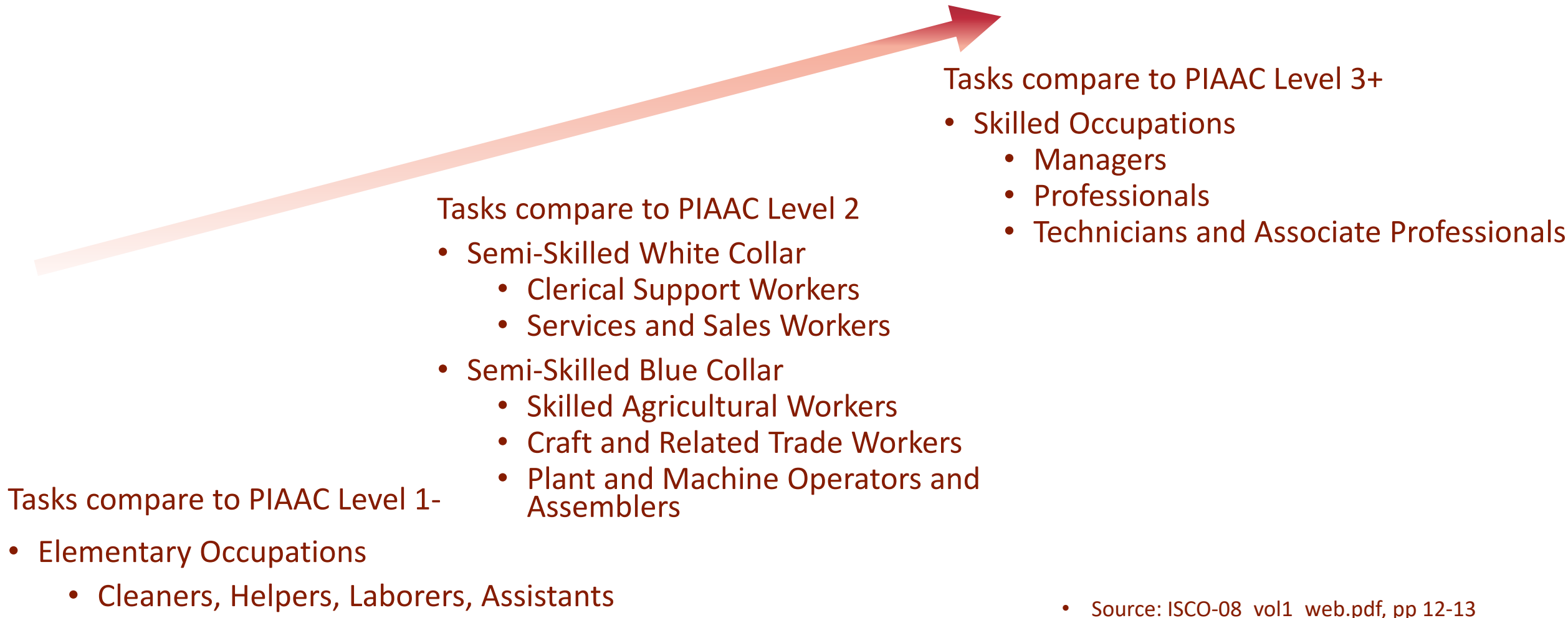


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How do PIAAC tasks compare to occupational tasks?

- The International Standard Classification of Occupations (ISCO_08) breaks down occupations by **Skill Level**. Although it is **defining tasks and not people**, there are **similarities in the tasks required** for the jobs and the **tasks defined in PIAAC levels**.

Occupational Skills Category- ISCO-08



2023 Opportunities to Advance Literacy and Increase Employment

Bottom line: **everyone can benefit from incorporating literacy and numeracy into vocational and on-the-job training.**

- Level 1 and below-More interventions to prepare for job advancement
- Level 2- Refreshers and integrating literacy and numeracy into programming
- Use Contextualized Literacy and Numeracy with Skills Training
- Connect Adult Literacy to Workforce and Economic Development
- Connect Contextualized Curricula to Sector Partnerships