2025 Ohio Medicaid Assessment Survey: Language Barriers and Survey Participation: An Analysis of Limited English-Speaking Households and OMAS Response Rates in Ohio Counties

FINAL REPORT

Prepared for

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1. Introduction

The Ohio Medicaid Assessment Survey (OMAS) collects data on health status, insurance coverage, care access and use, health risks, and demographics of Ohio residents enrolled in Medicaid, potentially Medicaid-eligible, and not enrolled in Medicaid to help Ohio Medicaid and other state programs address statewide health needs.

RTI International administered the 2025 OMAS in English and Spanish. The OMAS mailed outreach materials, inviting sample members to call the OMAS toll-free helpdesk if they wished to conduct their survey with a Spanish-speaking interviewer. OMAS also made outbound telephone calls to the Medicaid sample members and routed Spanish-speaking respondents to Spanish-speaking interviewers. The OMAS survey was not available in other languages. Based on final dispositions of the computer-assisted telephone interview (CATI) effort to the Medicaid sample, less than 0.1% of contacted households could not complete the survey because of a language barrier.

Of the 37,857 completed records in the final dataset, four were collected in Spanish. One of the four Spanish completes was an address-based sampling (ABS) sample member who called the OMAS helpdesk, while the other three were Spanish-speaking households reached through the CATI effort.

The overall statewide OMAS response rate in the 2025 administration was 25.3%. County-level response rates ranged from a low of 19.4% to a high of 32.4%. The objective of this whitepaper was to examine whether language barriers may have contributed to below-average response rates in some counties. The primary research questions included the following:

1. Is there a relationship between county-level OMAS response rates and county-level rates of limited English-speaking households?

2. Do response rates differ between limited English, Spanish-speaking households and limited English households speaking other languages?

This observational, correlational analysis does not establish causality between language and response rates or isolate the effects of language from other contributing factors. Still, it is useful for informing OMAS efforts to make the survey as accessible as possible.

Using the 2025 OMAS county-level response rates and 2020–2024 American Community Survey (ACS) 5-year county-level estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties, RTI conducted an exploratory data analysis by regressing county-level OMAS response rates and language indicators to determine whether there is a correlation between counties with low response rates and counties with limited English-speaking populations.

Key findings from the analysis include the following:

- Statewide, 1.5% of households are limited English-speaking, meaning all household members aged 14 years and over have difficulty speaking English.

- Of the households in Ohio that speak limited English, 65% speak a language other than English and Spanish.
- At a county-by-county level, counties with a higher percentage of limited English-speaking households had lower response rates on the 2025 OMAS.
- Urban counties also had lower response rates on the 2025 OMAS.

2. Data and Methods

2.1. Data Sources

Two data sources comprised this analysis: county-level response rates from the 2025 OMAS administration and U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties.

Response rates on OMAS are calculated in accordance with American Association for Public Opinion Research (AAPOR) RR #1, # 3, #4, and #5. The four rates differ in how ineligible sample members and sample members with unknown eligibility are counted in the denominator. The response rate typically cited for OMAS, as an ABS and Medicaid survey, is AAPOR Response Rate #4 *(Completed Surveys + Partial Surveys /(Eligible + eligibility rate x Unknown Eligibility))*, 25.3%. This analysis also uses AAPOR Response Rate #4.

The ACS is an ongoing, nationwide household survey conducted by the U.S. Census Bureau that provides detailed annual information about the demographic, social, economic, and housing characteristics of the U.S. population. The ACS collects data from individuals living in housing units and group quarters as well as information on housing units whether occupied or vacant. Five-year estimates were chosen for this analysis because they aggregate data collected over a 5-year period. The aggregated data allow for the reliable estimation of characteristics in smaller rural areas with populations under 20,000, places that might otherwise be statistically unnoticeable in shorter time frames.

The "Limited English-Speaking Households" dataset[1] was chosen for this analysis because it lists the largest set of non-English languages. A "limited English-speaking household" is defined as one in which no member aged 14 years and over (1) speaks only English or (2) speaks a non-English language and speaks English "very well." That is, all household members aged 14 years and over have at least some difficulty speaking English.

2.2. Data Preparation

RTI prepared the data for analysis by downloading the ACS 5-year estimates dataset on limited English-speaking households for all counties in Ohio from data.census.gov. The original dataset included county-level estimates of (1) the total number of households; (2) the number and percentage of households speaking Spanish, other Indo-European languages, Asian and Pacific

[1] U.S. Census Bureau. (2024) *Limited English-speaking households* (Table S1602). American Community Survey, ACS 5-Year Estimates Subject Tables. Retrieved March 3, 2026, from the US Census.

Island languages, and other languages; (3) the number and percentage of limited English-speaking households; and (4) the number and percentage of limited English-speaking households by language category (Spanish, other Indo-European languages, Asian and Pacific Island languages, and other languages).

The data were then cleaned to isolate the primary county-level variables used in the analysis. These variables were: (1) The number and percentage of households that speak limited English (including households that speak limited English and speak Spanish, other Indo-European languages, Asian and Pacific Island languages, and other languages); (2) The number and percentage of households that speak limited English and speak a language other than English or Spanish (including households that speak limited English and speak other Indo-European languages, Asian and Pacific Island languages, and other languages); and (3) The number and percentage of households that speak limited English and speak Spanish (including households that speak limited English and speak Spanish).

Finally, the cleaned ACS county-level data were merged with the OMAS response rate for each county for analysis. Appendix A presents the data table.

2.3. Analysis Plan

RTI conducted the following analyses to meet the research objectives:

1. Descriptive Statistics: Statewide total number of counties and households; statewide percentage and total number of limited English-speaking households; county-level average, median, max, and min for limited English-speaking households; and 2025 OMAS response rates in each county.

2. Statewide and County Language Distribution Summary: Breakdown of Spanish and Other Language speakers at the county and state level.

3. Scatter/Regression Plots: (1) Percent Limited English vs. 2025 OMAS Response Rate, (2) Non-English/Non-Spanish Households vs. 2025 OMAS Response Rate, (3) Spanish-Speaking Households vs. 2025 OMAS Response Rate.

4. Correlation Analyses: Relationship between percent of limited English-speaking households vs. response rate, percent of limited English-speaking and other language vs. response rate, and percent Spanish-speaking vs. response rate.

5. County Grouping: Lowest response rate counties and highest response rate counties and their language breakdowns.

2.4. Findings

The analysis covers all 88 counties in Ohio, representing an estimated 4,863,191 households statewide. As shown in ***Table 1***, Ohio has an estimated 74,994 limited-English-speaking households, representing 1.5% of all households statewide. The overall statewide 2025 OMAS response rate is 25.3%, with county-level response rates ranging from 19.4% (Holmes County) to 34.2% (Wood County). Limited-English prevalence varies substantially by county. Across all

counties, the percentage of limited English-speaking households averages 0.8% with a median of 0.5% and a maximum of 8.2%.

Table 1. Descriptive Statistics of Counties

Metric	Value
Total Counties	88
Total Ohio Households	4,863,191
Total Limited English Households	74,994
Statewide % Limited English	1.5%
Average County % Limited English	0.8%
Median County % Limited English	0.5%
Max County % Limited English	8.2%
Statewide 2025 OMAS Response Rate	25.3%
Median County-Level 2025 OMAS Response Rate	27.2%
Max County-Level 2025 OMAS Response Rate	34.2%
Min County-Level 2025 OMAS Response Rate	19.4%

Source: *County-level response rates from the 2025 OMAS administration and U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited-English-speaking households for all 88 Ohio counties.*

Sixty-four of Ohio's 88 counties have low rates of limited-English-speaking households (0.0%–1.0%), as shown in ***Table 2***.

Table 2. Distribution of Limited-English-Speaking Households

Estimated Percentage of Limited-English-Speaking Households	# Counties	% of Counties
0% (No limited English HH)	5	5.7%
0.1%–0.5%	40	45.5%
0.6%–1.0%	19	21.6%
1.1%–2.0%	20	22.7%
2.1%–5.0%	3	3.4%
> 5.0%	1	1.1%

Source: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited-English-speaking households for all 88 Ohio counties.*

Table 3 shows that of Ohio's 74,994 estimated limited-English-speaking households, 48,909 (65%) speak a language other than English and Spanish and 26,085 (35%) speak Spanish.

Table 3. Prevalence of Spanish and Other Languages Among Limited-English-Speaking Households

Metric	Estimate
Total Speaking Limited English	74,994
Total Speaking Other Languages (non-Spanish)	48,909
Total Speaking Spanish	26,085
% Speaking Other Languages	65.0%
% Speaking Spanish	35.0%

Source: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited-English-speaking households for all 88 Ohio counties.*

Table 4 shows that on average, 59.9% of limited-English-speaking households in each county speak languages other than English and Spanish and 36.7% speak Spanish. Eighteen counties have exclusively one language group which is not Spanish. The gross number of households with this profile, however, is quite small, as shown in ***Table 5***.

Table 4. County-Level Distribution of Prevalence of Spanish and Other Languages Spoken Among Limited-English-Speaking Households

Metric	Value
Avg County % Other Language	59.9%
Median County % Other Language	64.5%
Avg County % Spanish	36.7%
Median County % Spanish	31.5%
Counties where 100% of non-English-speaking households speak Other Languages	18
Counties where 100% of non-English-speaking households speak Spanish	7

Source: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties.*

Table 5. Counties Where 100% of Limited-English-speaking Households Speak a Language Other Than English or Spanish

County Name	Number of Households in County	Number of Limited English households
Noble	4,619	57
Vinton	5,328	66
Monroe	5,651	12
Morgan	5,713	5
Meigs	9,102	7
Pike	10,866	25
Carroll	11,206	3
Jackson	12,933	50
Perry	13,452	32
Morrow	13,463	57
Guernsey	16,318	44
Brown	17,138	31
Logan	19,560	68
Ashland	20,720	69
Knox	23,491	37
Washington	24,779	21
Geauga	35,807	410
Columbiana	41,459	67

Source: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited-English-speaking households for all 88 Ohio counties.*

There are also seven counties where the only language spoken by the limited English households is Spanish, as shown in ***Table 6***.

Table 6. Counties Where 100% of Limited-English-Speaking Households Speak Spanish

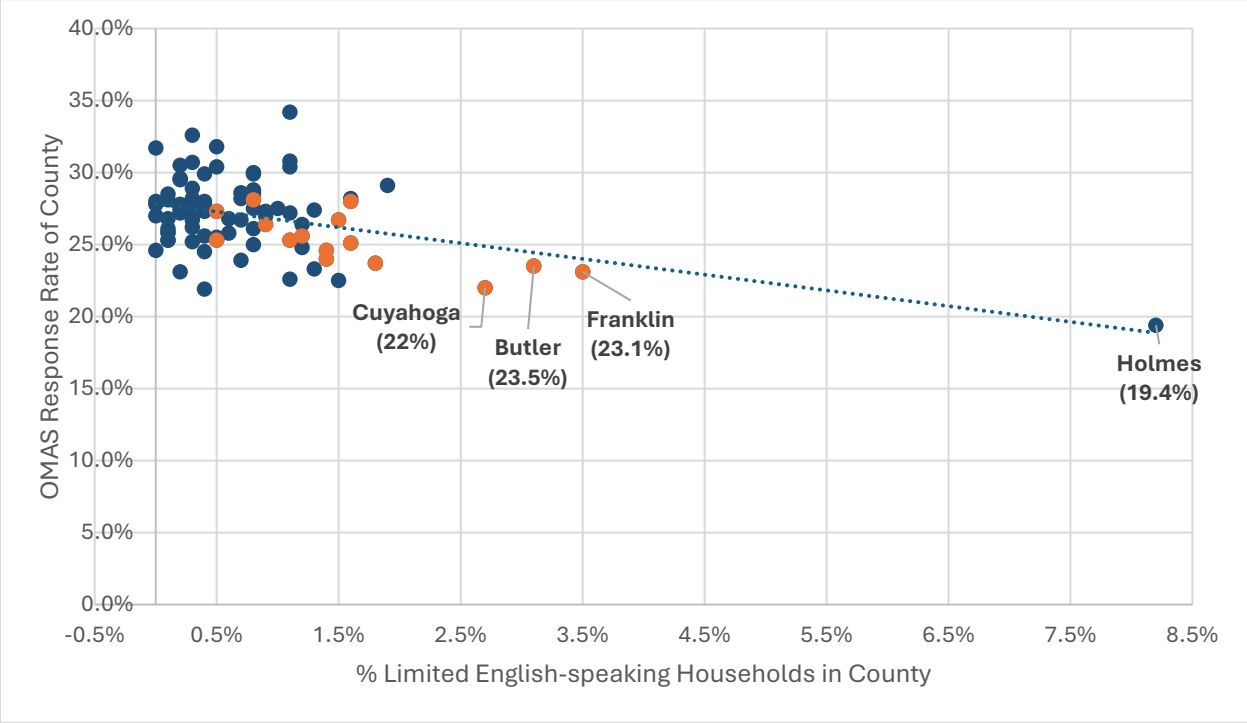
County Name	Number of Households in County	Number of Limited English Households
Adams	10,421	12
Hocking	11,568	44
Gallia	11,614	21
Mercer	16,408	23
Auglaize	18,940	6
Pickaway	21,899	44
Sandusky	24,686	82

Source: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited-English-speaking households for all 88 Ohio counties.*

2.5. Scatter Plots

The scatter plots in this section visually depict the association between the prevalence of limited English households (according to the ACS estimates) and the OMAS 2025 response rate, on a county-by-county basis.

Figure 1. Limited English-Speaking Percentage vs. OMAS 2025 Response Rate



Sources: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties. County-level response rates from the 2025 OMAS administration. Urban counties (orange data points) were identified using the Ohio State University College of Food, Agricultural, and Environmental Sciences: Ohio Urban Country Directory, retrieved 6/11/2026 from https://urban-extension.cfaes.ohio-state.edu/about/ohio-urban-county-directory*

The trendline in ***Figure 1*** suggests a negative relationship between the county-level percentage of households speaking limited English and the OMAS 2025 response rate. The correlation was statistically significant, as shown in Table 7 ($p = 0.0001$).

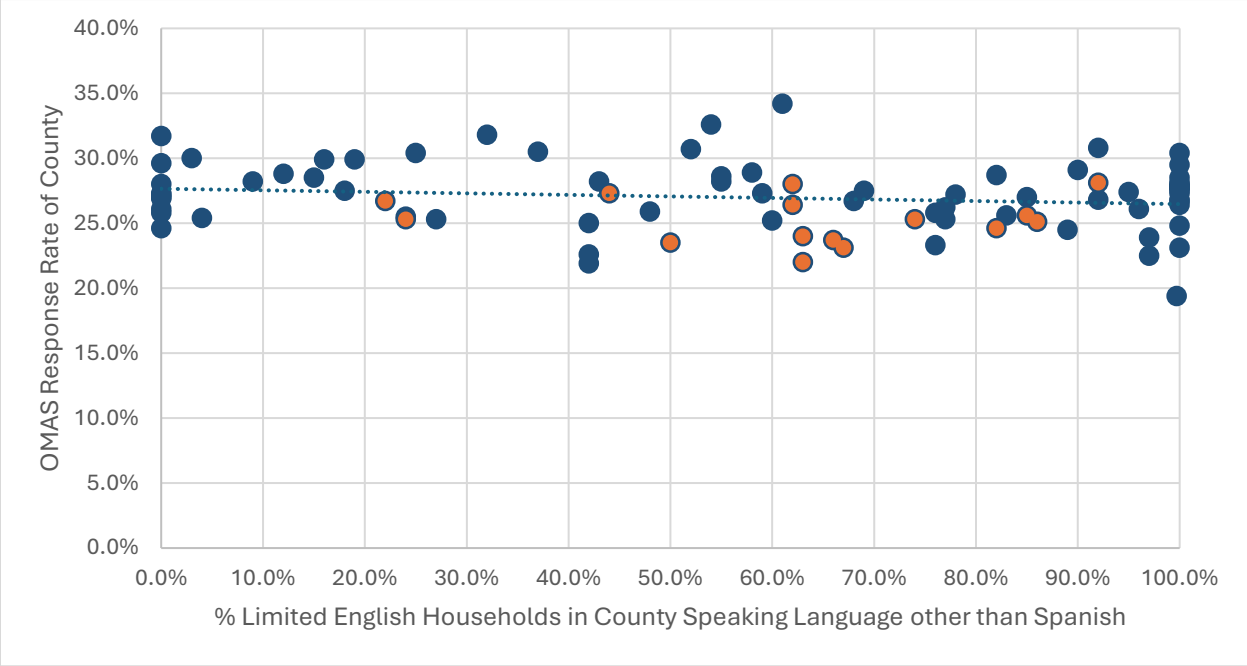
Nevertheless, one should interpret this finding with caution. The trendline is heavily influenced by Holmes County, which has one of the lowest response rates and highest prevalence of limited English households,[2] exhibiting the relationship one would expect between non–English language prevalence and response rate. Holmes is a rural county, but the other counties where this relationship appears (Butler, Cuyahoga, Franklin, Hamilton, and Montgomery, for example) are

[2] The most common non-English language spoken at home in Holmes county is Pennsylvania German (also known as Pennsylvania Dutch). There are significant communities in Holmes county representing all six major Amish affiliations, including Old Order, New Order, Dan/Andy Weaver, and three subgroups of Swartzentruber. See Anderson, C., & Bacon, R. (2024). Profiles of Major Amish Settlements in North America: A Guide for Researchers and Service Providers. *The journal of Amish and Plain Anabaptist studies*, *12*(1), 47–79. https://doi.org/10.62192/japas.v12i1-2n05.

urban. Factors associated with urbanicity (urban counties are indicated in orange) in addition to or instead of language may drive the lower OMAS response rates. Finally, most counties cluster at very low limited English percentages, indicating that other county characteristics beyond language may also contribute to response-rate variation.

The plot in ***Figure 2*** shows a weak negative relationship between the percentage of limited English-speaking households who speak a language other than English and Spanish and OMAS response rates; however, the correlation figures in Table 7 tell us that this relationship was not statistically significant. There is substantial scatter in the plot, suggesting that other factors influence response rates. Statewide, only 1.5% of households speak a language other than English or Spanish (***Table 1***) and there are only four counties where the prevalence of non-English/non-Spanish speakers is above 2% (***Table 2***).

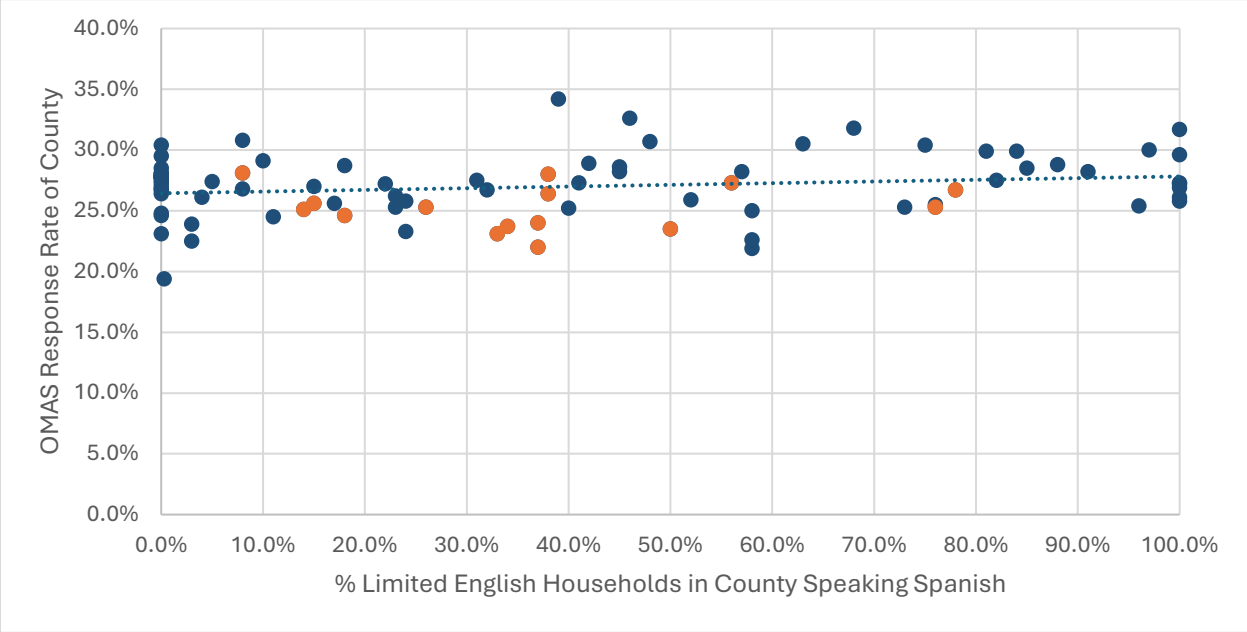
Figure 2. Limited English Non-English/Non-Spanish Percentage vs. OMAS 2025 Response Rate



Sources: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties. County-level response rates from the 2025 OMAS administration. Urban counties (orange data points) were identified using the Ohio State University College of Food, Agricultural, and Environmental Sciences: Ohio Urban Country Directory, retrieved 6/11/2026 from https://urban-extension.cfaes.ohio-state.edu/about/ohio-urban-county-directory*

The plot in ***Figure 3*** shows a weak positive relationship between the percentage of limited English-speaking households that speak Spanish and OMAS response rates. It was not statistically significant, as shown in ***Table 7***. The wide scatter indicates that Spanish language composition alone is not associated with response rate differences across counties.

Figure 3. Limited English and Spanish-Speaking Households vs. OMAS 2025 Response Rate



Sources: U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties. County-level response rates from the 2025 OMAS administration. Urban counties (orange data points) were identified using the Ohio State University College of Food, Agricultural, and Environmental Sciences: Ohio Urban Country Directory, retrieved 6/11/2026 from https://urban-extension.cfaes.ohio-state.edu/about/ohio-urban-county-directory

Table 7. County-Level Response Rates and Limited English Rates, Correlation Analysis Summary

Relationship	Correlation	P-Value	Interpretation
% Limited English vs. 2025 OMAS Response Rate	-0.445	0.0001	Moderate Negative
% Other Language vs. 2025 OMAS Response Rate	-0.166	0.1478	Weak Negative
% Spanish vs. 2025 OMAS Response Rate	0.187	0.1706	Weak Positive

Sources: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties. County-level response rates from the 2025 OMAS administration.*

2.6. County Grouping

As shown in ***Table 8***, response rates for the lowest response rate counties range from 19.4% (Holmes County) to 22.6% (Fayette County), well below the statewide average of 25.3%. Limited English prevalence varies widely across these counties (from 0.4% to 2.7%, or 8.2% taking Holmes County into account) and within limited English households, language composition varies widely, from almost entirely non-English/non-Spanish speakers in Holmes and Coshocton Counties to a majority of Spanish speakers in Clinton and Fayette Counties. Holmes County stands out because it has both the lowest response rate (19.4%) and the highest percentage of limited English-speaking households (8.2%). Nearly all (99.7%) limited English households in Holmes County speak a language other than English or Spanish.

Table 8. Lowest 2025 OMAS Response Rate Counties and Limited English Language Breakdown

County	Response Rate	% Limited-English–Speaking	% Limited-English-Speaking: Language other than English or Spanish	% Limited-English-Speaking: Spanish
Holmes	19.4%	8.2%	99.7%	0.3%
Clinton	21.9%	0.4%	42.0%	58.0%
Cuyahoga	22.0%	2.7%	63.0%	37.0%
Coshocton	22.5%	1.5%	97.0%	3.0%
Fayette	22.6%	1.1%	42.0%	58.0%

Sources: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties. County-level response rates from the 2025 OMAS administration.*

Note: To read the table, 2.7% of households in Cuyahoga speak limited English. Of those households, 63% speak a language other than English and Spanish and 37% speak Spanish.

As shown in ***Table 9***, response rates for the highest response rate counties range from 34.2% (Wood County) to 30.8% (Athens County), all above the statewide response rate of 25.3%. These counties have a low percentage of limited English-speaking households overall (0.0%–1.1%, according to ACS estimates). All five counties are primarily rural counties in Ohio compared to urban counties (i.e., Cuyahoga, Franklin, Holmes) that have the lowest response rates.

Table 9. Highest 2025 OMAS Response Rate Counties and Limited English Language Breakdown

County	Response Rate	% Limited English-Speaking	% Limited-English-Speaking: Language Other Than English or Spanish	% Limited-English-Speaking: Spanish
Wood	34.2%	1.1%	61.0%	39.0%
Van Wert	32.6%	0.3%	54.0%	46.0%
Ottawa	31.8%	0.5%	32.0%	68.0%
Auglaize	31.7%	0.0%	0.0%	100.0%
Athens	30.8%	1.1%	92.0%	8.0%

Sources: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties. County-level response rates from the 2025 OMAS administration.*

2.7. Holmes County Outlier Analysis

During the analysis, it became clear that Holmes County was a significant outlier that warranted additional analysis. As shown in ***Table 10***, the percentage of limited English-speaking households in Holmes County (8.2%) is about 5.5 times the statewide share (1.5%). Holmes County's OMAS response rate (19.4%) is 5.9 percentage points below the statewide average (25.3%).

Table 10. Metrics of Holmes County

Metric	Holmes County	Ohio
% Limited English Households	8.2%	1.5%
OMAS 2025 Response Rate	19.4%	25.3%

Sources: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties. County-level response rates from the 2025 OMAS administration.*

Table 11 provides the detailed ACS data for Holmes County. Among limited English-speaking households (1,104), 99.7% (1,101) speak a language other than English and Spanish, specifically, other Indo-European languages.

Table 11. Holmes County Detailed Census Data

Category	Total Households	Percent of Total Households	Number of Limited English HHs	Percent Limited English of Total Households
All Households	13,395	(X)	1,104	8.2%
Spanish	116	0.9%	3	2.6%
Other Indo-European Languages	5,856	43.7%	1,101	99.7%
Asian & Pacific Island Languages	0	0.0%	0	-
Other Languages	11	0.1%	0	0.0%

Sources: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties.*

Note: To read the table: Of the total households in Holmes County, 116 speak Spanish (0.9%). Of the 116 Spanish-speaking households, three speak limited English (2.6%). The most common non-English language in Holmes County is Pennsylvania German (also known as Pennsylvania Dutch). For more information see Riehl, E. (2021). Pennsylvania Dutch: The Story of an American Language.

2.8. Discussion

2.8.1. State and County Demographics

Limited English-speaking households represent a small share of Ohio households overall, but their prevalence and language composition vary meaningfully by county. Most counties have limited-English-speaking household rates of 1.0% or lower, while a small number of counties have substantially higher concentrations.

Within this limited English-speaking population, non-Spanish languages account for a larger share statewide than Spanish.

2.8.2. Correlation Between Language Barriers and Survey Response

Counties with the lowest response rates included Holmes (19.4%), Clinton (21.9%), Cuyahoga (22.0%), Coshocton (22.5%), and Fayette (22.6%). Several of these are large urban counties with diverse populations. In contrast, counties with the highest response rates were primarily rural: Wood (34.2%), Van Wert (32.6%), Ottawa (31.8%), and Auglaize (31.7%). This indicates that urbanicity, in addition to language spoken and other factors, may impact response rate.

We observed a significant, moderate negative correlation (-0.445, p = 0.0001) between the percentage of limited-English-speaking households and OMAS response rates. This correlation was heavily influenced by one outlier, Holmes County. Other counties where this correlation appeared strong were urban counties (Butler, Cuyahoga, Franklin, Hamilton, and Montgomery for example), suggesting that response rate is related to urbanicity and its correlates.

Because OMAS provides the ability to respond to the survey in Spanish, we expected to find a language–response rate correlation less pronounced among counties favoring Spanish speakers and more pronounced among counties favoring non-Spanish speakers. But even when our correlation analysis disambiguated between limited English households speaking Spanish and limited English households speaking other languages, no statistically significant correlations with response rate were observed for either group. We note that very few respondents completed the 2025 OMAS in Spanish.

2.9. Limitations

- This analysis is correlational and cannot establish causation between factors such as language barriers and survey response rates.
- Other factors not examined in this analysis (e.g., socioeconomic status, trust in government surveys, or survey administration methods) may also influence response rates.
- ACS language measures are estimates with associated margins of error, particularly for smaller counties.

2.10. Appendix

- Appendix A: County-level ACS Language Indicators and OMAS Response Rates.

3. Appendix A: County-level ACS Language Indicators and OMAS Response Rates

County	**Total Number of Households in State**	**Number of Households in State that Speak Limited English** See table footnote below.[i]	**Percent of Households in State that Speak Limited English**	Among Households in State that Speak Limited English: **Number of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Percent of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Number of Households That Speak Spanish**	Among Households in State that Speak Limited English: **Percent of Households That Speak Spanish**	**OMAS 2025 Response Rate**
Ohio	**4,863,191**	**74,994**	**1.50%**	**48,909**	**65.0%**	**26,085**	**35.0%**	
Adams	10,421	12	0.1%	0	0.0%	12	100.0%	25.8%
Allen	41,295	309	0.7%	170	55.0%	139	45.0%	28.2%
Ashland	20,720	69	0.3%	69	100.0%	0	0.0%	26.7%
Ashtabula	39,245	342	0.9%	203	59.0%	139	41.0%	27.3%
Athens	23,014	256	1.1%	235	92.0%	21	8.0%	30.8%
Auglaize	18,940	6	0.0%	0	0.0%	6	100.0%	31.7%
Belmont	27,195	89	0.3%	52	58.0%	37	42.0%	28.9%
Brown	17,138	31	0.2%	31	100.0%	0	0.0%	27.5%
Butler	146,822	4,593	3.1%	2,311	50.0%	2,282	50.0%	23.5%
Carroll	11,206	3	0.0%	3	100.0%	0	0.0%	27.8%
Champaign	15,646	40	0.3%	24	60.0%	16	40.0%	25.2%
Clark	55,975	705	1.3%	532	76.0%	173	24.0%	23.3%
Clermont	84,955	438	0.5%	325	74.0%	113	26.0%	25.3%
Clinton	16,761	72	0.4%	30	42.0%	42	58.0%	21.9%
Columbiana	41,459	67	0.2%	67	100.0%	0	0.0%	27.8%
Coshocton	14,786	223	1.5%	217	97.0%	6	3.0%	22.5%
Crawford	18,059	131	0.7%	127	97.0%	4	3.0%	23.9%

County	**Total Number of Households in State**	**Number of Households in State that Speak Limited English** See table footnote below.[i]	**Percent of Households in State that Speak Limited English**	Among Households in State that Speak Limited English: **Number of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Percent of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Number of Households That Speak Spanish**	Among Households in State that Speak Limited English: **Percent of Households That Speak Spanish**	**OMAS 2025 Response Rate**
Cuyahoga	554,551	15,222	2.7%	9,557	63.0%	5,665	37.0%	22.0%
Darke	21,297	0	0.0%	0	0.0%	0	0.0%	27.0%
Defiance	15,327	121	0.8%	14	12.0%	107	88.0%	28.8%
Delaware	82,287	1,022	1.2%	864	85.0%	158	15.0%	25.6%
Erie	32,482	256	0.8%	176	69.0%	80	31.0%	27.5%
Fairfield	60,357	804	1.3%	761	95.0%	43	5.0%	27.4%
Fayette	11,582	123	1.1%	52	42.0%	71	58.0%	22.6%
Franklin	553,099	19,197	3.5%	12,927	67.0%	6,270	33.0%	23.1%
Fulton	16,986	131	0.8%	25	19.0%	106	81.0%	29.9%
Gallia	11,614	21	0.2%	0	0.0%	21	100.0%	29.6%
Geauga	35,807	410	1.1%	410	100.0%	0	0.0%	30.4%
Greene	68,166	300	0.4%	249	83.0%	51	17.0%	25.6%
Guernsey	16,318	44	0.3%	44	100.0%	0	0.0%	27.8%
Hamilton	354,739	6,365	1.8%	4,183	66.0%	2,182	34.0%	23.7%
Hancock	31,615	227	0.7%	125	55.0%	102	45.0%	28.6%
Hardin	11,724	13	0.1%	10	77.0%	3	23.0%	25.3%
Harrison	5,948	0	0.0%	0	0.0%	0	0.0%	24.6%
Henry	11,451	55	0.5%	2	4.0%	53	96.0%	25.4%
Highland	16,938	63	0.4%	56	89.0%	7	11.0%	24.5%
Hocking	11,568	44	0.4%	0	0.0%	44	100.0%	27.3%

County	**Total Number of Households in State**	**Number of Households in State that Speak Limited English** See table footnote below.[i]	**Percent of Households in State that Speak Limited English**	Among Households in State that Speak Limited English: **Number of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Percent of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Number of Households That Speak Spanish**	Among Households in State that Speak Limited English: **Percent of Households That Speak Spanish**	**OMAS 2025 Response Rate**
Holmes	13,395	1,104	8.2%	1,101	99.7%	3	0.3%	19.4%
Huron	23,490	233	1.0%	43	18.0%	190	82.0%	27.5%
Jackson	12,933	50	0.4%	50	100.0%	0	0.0%	28.0%
Jefferson	27,143	121	0.4%	19	16.0%	102	84.0%	29.9%
Knox	23,491	37	0.2%	37	100.0%	0	0.0%	29.5%
Lake	101,144	1,638	1.6%	1,015	62.0%	623	38.0%	28.0%
Lawrence	22,650	31	0.1%	15	48.0%	16	52.0%	25.9%
Licking	68,620	409	0.6%	378	92.0%	31	8.0%	26.8%
Logan	19,560	68	0.3%	68	100.0%	0	0.0%	27.8%
Lorain	127,544	1,920	1.5%	415	22.0%	1,595	78.0%	26.7%
Lucas	183,243	1,572	0.9%	982	62.0%	590	38.0%	26.4%
Madison	15,686	168	1.1%	131	78.0%	37	22.0%	27.2%
Mahoning	98,065	1,065	1.1%	253	24.0%	812	76.0%	25.3%
Marion	24,683	65	0.3%	50	77.0%	15	23.0%	26.2%
Medina	73,086	647	0.9%	548	85.0%	93	15.0%	27.0%
Meigs	9,102	7	0.1%	7	100.0%	0	0.0%	26.8%
Mercer	16,408	23	0.1%	0	0.0%	23	100.0%	26.1%
Miami	44,906	362	0.8%	348	96.0%	14	4.0%	26.1%
Monroe	5,651	12	0.2%	12	100.0%	0	0.0%	27.7%
Montgomery	231,319	3,144	1.4%	1,989	63.0%	1,155	37.0%	24.0%

County	**Total Number of Households in State**	**Number of Households in State that Speak Limited English** See table footnote below.[i]	**Percent of Households in State that Speak Limited English**	Among Households in State that Speak Limited English: **Number of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Percent of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Number of Households That Speak Spanish**	Among Households in State that Speak Limited English: **Percent of Households That Speak Spanish**	**OMAS 2025 Response Rate**
Morgan	5,713	5	0.1%	5	100.0%	0	0.0%	28.5%
Morrow	13,463	57	0.4%	57	100.0%	0	0.0%	27.8%
Muskingum	34,357	57	0.2%	21	37.0%	36	63.0%	30.5%
Noble	4,619	57	1.2%	57	100.0%	0	0.0%	26.4%
Ottawa	18,504	90	0.5%	29	32.0%	61	68.0%	31.8%
Paulding	7,624	38	0.5%	9	24.0%	29	76.0%	25.5%
Perry	13,452	32	0.2%	32	100.0%	0	0.0%	27.3%
Pickaway	21,899	44	0.2%	0	0.0%	44	100.0%	27.2%
Pike	10,866	25	0.2%	25	100.0%	0	0.0%	23.1%
Portage	65,249	450	0.7%	306	68.0%	144	32.0%	26.7%
Preble	16,725	0	0.0%	0	0.0%	0	0.0%	28.0%
Putman	13,153	107	0.8%	3	3.0%	104	97.0%	30.0%
Richland	50,111	421	0.8%	347	82.0%	74	18.0%	28.7%
Ross	29,808	94	0.3%	8	9.0%	86	91.0%	28.2%
Sandusky	24,686	82	0.3%	0	0.0%	82	100.0%	26.9%
Scioto	28,864	26	0.1%	7	27.0%	19	73.0%	25.3%
Seneca	22,279	110	0.5%	28	25.0%	82	75.0%	30.4%
Shelby	18,906	104	0.6%	79	76.0%	25	24.0%	25.8%
Stark	155,955	715	0.5%	312	44.0%	403	56.0%	27.3%
Summit	231,267	3,322	1.4%	2,739	82.0%	583	18.0%	24.6%

County	**Total Number of Households in State**	**Number of Households in State that Speak Limited English** See table footnote below.[i]	**Percent of Households in State that Speak Limited English**	Among Households in State that Speak Limited English: **Number of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Percent of Households That Speak a Language Other than English or Spanish**	Among Households that Speak Limited English: **Number of Households That Speak Spanish**	Among Households in State that Speak Limited English: **Percent of Households That Speak Spanish**	**OMAS 2025 Response Rate**
Trumbull	85,550	679	0.8%	622	92.0%	57	8.0%	28.1%
Tuscarawas	38,492	608	1.6%	259	43.0%	349	57.0%	28.2%
Union	24,232	197	0.8%	83	42.0%	114	58.0%	25.0%
Van Wert	11,549	39	0.3%	21	54.0%	18	46.0%	32.6%
Vinton	5,328	66	1.2%	66	100.0%	0	0.0%	24.8%
Warren	92,052	1,507	1.6%	1,293	86.0%	214	14.0%	25.1%
Washington	24,779	21	0.1%	21	100.0%	0	0.0%	28.1%
Wayne	44,365	855	1.9%	771	90.0%	84	10.0%	29.1%
Williams	15,476	42	0.3%	22	52.0%	20	48.0%	30.7%
Wood	54,257	593	1.1%	364	61.0%	229	39.0%	34.2%
Wyandot	8,999	71	0.8%	11	15.0%	60	85.0%	28.5%

Sources: *U.S. Census Bureau 2020–2024 ACS 5-year county estimates of the number and percentage of limited English-speaking households for all 88 Ohio counties. County-level response rates from the 2025 OMAS administration.*

[i] A household that speaks limited English is one in which no member 14 years old and over (1) speaks only English or (2) speaks a non-English language and speaks English "very well."