

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

CASCADE NATURAL GAS
CORPORATION,

Respondent.


DOCKET UG-240008


CASCADE NATURAL GAS CORPORATION


FOURTH EXHIBIT TO THE
DIRECT TESTIMONY OF NOEMI ORTIZ

March 29, 2024

Limited English Speaking Households		United States[®] Census Bureau
Note: The table shown may have been modified by user selections. Some information may be missing.		
DATA NOTES		
TABLE ID:	S1602	
SURVEY/PROGRAM:	American Community Survey	
VINTAGE:	2022	
DATASET:	ACSST1Y2022	
PRODUCT:	ACS 1-Year Estimates Subject Tables	
UNIVERSE:	None	
MLA:	U.S. Census Bureau. "Limited English Speaking Households." American Community Survey, ACS 1-Year Estimates Subject Tables, Table S1602, 2022, https://data.census.gov/table/ACSST1Y2022.S1602?q=Language Spoken at Home&g=040XX00US53_860XX00US98276,98557,98584,98626,98848,98903,98930,98932,98936,98944,98948,98951,99344 . Accessed on March 18, 2024.	
FTP URL:	None	
API URL:	https://api.census.gov/data/2022/acs/acs1/subject	
USER SELECTIONS		
TOPICS	Language Spoken at Home	
GEOS	Washington; ZCTA5 98944; ZCTA5 98948; ZCTA5 98930; ZCTA5 98932; ZCTA5 98951; ZCTA5 98903; ZCTA5 98936; ZCTA5 98276; ZCTA5 98584; ZCTA5 98557; ZCTA5 98848; ZCTA5 98626; ZCTA5 99344	
EXCLUDED COLUMNS		
	None	
APPLIED FILTERS		
	None	
APPLIED SORTS		
	None	
PIVOT & GROUPING		
PIVOT COLUMNS	None	

Limited English Speaking Households		
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DATA NOTES		
PIVOT MODE	Off	
ROW GROUPS	None	
VALUE COLUMNS	None	
WEB ADDRESS		
	https://data.census.gov/table/ACSST1Y2022.S1602?q=Language%20Spoken%20at%20Home&g=040XX00US53_860XX00US98276,98557,98584,98626,98848,98903,98930,98932,98936,98944,98948,98951,99344	
TABLE NOTES		
	Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, the decennial census is the official source of population totals for April 1st of each decennial year. In between censuses, the Census Bureau's Population Estimates Program produces and disseminates the official estimates of the population for the nation, states, counties, cities, and towns and estimates of housing units for states and counties.	
	Information about the American Community Survey (ACS) can be found on the ACS website. Supporting documentation including code lists, subject definitions, data accuracy, and statistical testing, and a full list of ACS tables and table shells (without estimates) can be found on the Technical Documentation section of the ACS website. Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.	
	Source: U.S. Census Bureau, 2022 American Community Survey 1-Year Estimates	

Limited English Speaking Households		
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DATA NOTES		
	<p>Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see ACS Technical Documentation). The effect of nonsampling error is not represented in these tables.</p>	
	<p>A "limited English speaking household" 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." In other words, all members 14 years old and over have at least some difficulty with English. By definition, English-only households cannot belong to this group. Previous Census Bureau data products have referred to these households as "linguistically isolated" and "Households in which no one 14 and over speaks English only or speaks a language other than English at home and speaks English 'very well'." This table is directly comparable to tables from earlier years that used these labels.</p>	
	<p>The household language assigned to the housing unit is the non-English language spoken by the first person with a non-English language in the following order: reference person, spouse, parent, sibling, child, grandchild, in-law, other relative, unmarried partner, housemate/roommate, roomer/boarder, foster child, or other nonrelative. If no member of the household age 5 and over speaks a language other than English at home then the household language is English only.</p>	
	<p>The 2022 American Community Survey (ACS) data generally reflect the March 2020 Office of Management and Budget (OMB) delineations of metropolitan and micropolitan statistical areas. In certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB delineations due to differences in the effective dates of the geographic entities.</p>	

Limited English Speaking Households		
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DATA NOTES		
	Estimates of urban and rural populations, housing units, and characteristics reflect boundaries of urban areas defined based on 2020 Census data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.	
	<p>Explanation of Symbols:- The estimate could not be computed because there were an insufficient number of sample observations. For a ratio of medians estimate, one or both of the median estimates falls in the lowest interval or highest interval of an open-ended distribution. For a 5-year median estimate, the margin of error associated with a median was larger than the median itself.N The estimate or margin of error cannot be displayed because there were an insufficient number of sample cases in the selected geographic area. (X) The estimate or margin of error is not applicable or not available.median- The median falls in the lowest interval of an open-ended distribution (for example "2,500-")median+ The median falls in the highest interval of an open-ended distribution (for example "250,000+").** The margin of error could not be computed because there were an insufficient number of sample observations.*** The margin of error could not be computed because the median falls in the lowest interval or highest interval of an open-ended distribution.***** A margin of error is not appropriate because the corresponding estimate is controlled to an independent population or housing estimate. Effectively, the corresponding estimate has no sampling error and the margin of error may be treated as zero.</p>	
COLUMN NOTES		
	None	

	Washington			
	Total	Percent	Limited English-speaking households	Percent limited English-speaking
Label	Estimate	Estimate	Estimate	Estimate
All households	3,079,953	(X)	113,041	3.7%
Households speaking --				
Spanish	253,504	8.2%	37,154	14.7%
Other Indo-European languages	160,149	5.2%	20,301	12.7%
Asian and Pacific Island languages	237,149	7.7%	48,499	20.5%
Other languages	45,807	1.5%	7,087	15.5%