

Family Profile No. 05, 2023

Geographic Variation in LGBT+ Identification in the U.S.

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In this Family Profile we explore the geographic variation of LGBT+ identification in the United States using the U.S. Census Bureau’s Household Pulse Survey (HPS). Importantly, we move beyond the prevailing focus on same-sex couples to examine the entire LGBT+ identifying population. This profile complements other NCFMR profiles based on Census data products (e.g., American Community and Current Population Survey) that focus on same-sex couples ([Payne & Manning, 2021](#); [Payne & Manning, 2021](#)). The HPS was designed to measure the experiences of American households during the coronavirus pandemic (for more information, [visit the Census Bureau Website](#)). The HPS consists of “phases” that constitute week-based cycles. Phase 3.2 was the first complete phase with questions about sexual and gender identity. For these analyses, we draw on Phases 3.2, 3.3, 3.4, and 3.5, appending data that were collected from July 21st, 2021 to August 8th, 2022 to maximize our sample of sexual and gender minorities. There were 947,586 respondents in the pooled sample.

LGBT+ encompasses those who identify as lesbian, gay, bisexual, or “something else” on the sexual identity question; those who identify as transgender or “none” of the listed gender identities; and those who had a sex assigned at birth that did not match their current gender identity (but did not identify as transgender). This measure is defined as individuals who do not identify as “straight” or cisgender. This LGBT+ measure serves as the numerator here, with the denominator composed of all adults who responded to the questions, including those who replied “don’t know” to the sexual identity question.

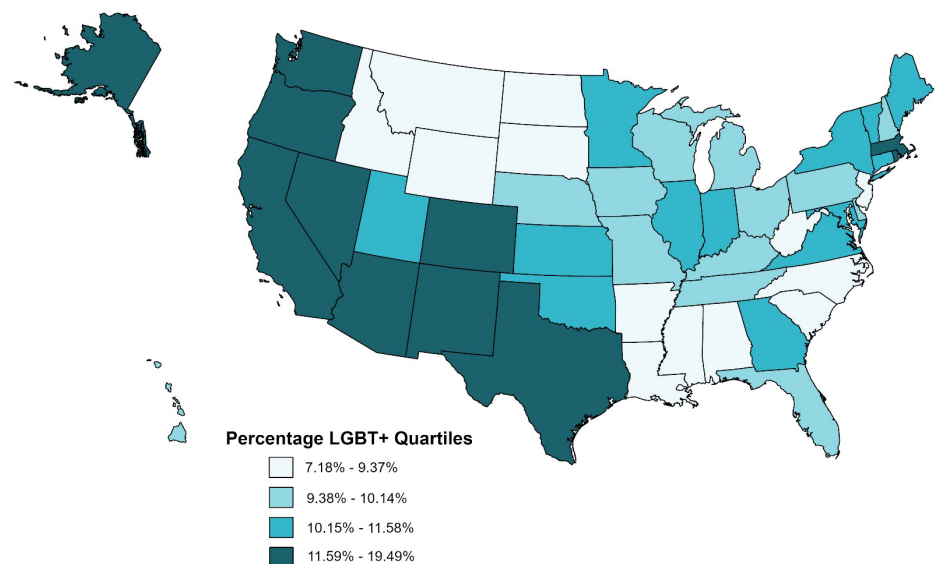
$$\left(\frac{\text{Sexual Minority} + \text{Gender Minority}}{\text{Total population}} \right) \times 100$$

Sexual Minority: Gay or Lesbians + Bisexual + Something else + None of these
Gender Minority: Transgender + Sex and gender identity do not match

Map of LGBT+ Identification in the U.S., 2020 – 2021

An estimated 10.7% of individuals in the U.S. identified as LGBT+. However, variation across states exists with LGBT+ identification ranging from 7.2% in South Dakota to 19.5% in Washington, D.C.

Figure 1. Map of LGBT+ Identification in the U.S., 2020-2021



- A noticeable clustering of states with high LGBT+ identification is in the West and Southwest (Washington state, Oregon, California, Nevada, Arizona, Colorado, and Texas).
- A cluster of states with low LGBT+ identification is in the Northwest (Idaho, Montana, Wyoming, South Dakota, and North Dakota) and South (Arkansas, Louisiana, Mississippi, and Alabama).

Source: NCFMR analyses of U.S. Census Bureau, Household Pulse Survey, 2020-2021
Note: Our estimates are slightly higher than recent estimates from Gallup relying on a more limited definition of LGBT and a survey of 12,000 individuals (Jones, 2022)

Note: The U.S. Census Bureau published a geographic variation map of LGBT identification across U.S. states using the HPS (Anderson et al., 2021). Our measure of LGBT identification is more expansive as we include those who responded “something else” for sexual identity and “none of these” for gender identity. We also retain respondents with “don’t know” responses to the sexual identity question and incorporate more weeks of data.

Table 1. Ranking of LGBT+ Identification in the U.S., 2020-2021

Name	Percentage	Ranking
District of Columbia (D.C)	19.49%	1
Oregon	15.36%	2
Washington	13.96%	3
Colorado	12.99%	4
Nevada	12.67%	5
California	12.40%	6
Alaska	12.06%	7
Rhode Island	11.92%	8
Arizona	11.89%	9
Texas	11.88%	10
New Mexico	11.73%	11
Massachusetts	11.63%	12
Vermont	11.58%	13
New York	11.38%	14
Minnesota	11.09%	15
Utah	10.97%	16
Maine	10.85%	17
Oklahoma	10.71%	18
Kansas	10.63%	19
Georgia	10.45%	20
Illinois	10.39%	21
Connecticut	10.26%	22
Indiana	10.24%	23
Virginia	10.19%	24
Maryland	10.18%	25
New Hampshire	10.14%	26
Tennessee	10.14%	27
Nebraska	10.11%	28
Kentucky	10.10%	29
Wisconsin	10.06%	30
Florida	10.02%	31
Hawaii	10.00%	32
Pennsylvania	9.95%	33
Missouri	9.88%	34
Iowa	9.76%	35
Ohio	9.59%	36
Delaware	9.45%	37
Michigan	9.44%	38
Idaho	9.37%	39
Wyoming	9.26%	40
North Carolina	9.18%	41
Alabama	9.15%	42
Arkansas	9.11%	43
West Virginia	8.99%	44
Louisiana	8.97%	45
South Carolina	8.70%	46
Montana	8.60%	47
North Dakota	8.49%	48
New Jersey	8.48%	49
Mississippi	7.41%	50
South Dakota	7.18%	51

For more Family Profiles on the LGBTQ+ population visit here:

<https://www.bgsu.edu/ncfmr/resources/data/resources-by-topic/lgbtq-population.html>

Data Source:

U.S. Census Bureau Household Pulse Survey 2021 – 2022. Phase 3.2, 3.3, 3.4, and 3.5. <https://www.census.gov/data/experimental-data-products/household-pulse-survey.html>

References:

Anderson, L., File, T., Marshall, J., McElrath, K., & Scherer, Z. (2021). New Household Pulse Survey data reveal differences between LGBT and Non-LGBT respondents during COVID-19 pandemic. Census.gov. Retrieved from <https://www.census.gov/library/stories/2021/11/census-bureau-survey-explores-sexual-orientation-and-gender-identity.html>

Payne, K. K. & Manning, W. D. (2021). Recent marriages to same-sex and different-sex couples: Mobility, region, home ownership, and household income. *Family Profiles, FP-21-20*. Bowling Green, OH: National Center for Family & Marriage Research. <https://doi.org/10.25035/ncfmr/fp-21-20>

Payne, K. K. & Manning, W. D. (2021). Recent (2019) marriages to same-sex and different-sex couples: Marital history and age at marriage. *Family Profiles, FP-21-19*. Bowling Green, OH: National Center for Family & Marriage Research. <https://doi.org/10.25035/ncfmr/fp-21-19>

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Source: NCFMR analyses of U.S. Census Bureau, Household Pulse Survey, 2020-2021