



Debt in America: An Interactive Map

[Technical Appendix \(updated October 10, 2023\)](#)

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Data Sources and Methodology

These statistics are based on a 4 percent nationally representative panel of deidentified, consumer-level records from February 2022 from a major credit bureau and contain data on more than 10 million consumers.¹ We also incorporate estimates from summary tables of the US Census Bureau’s American Community Survey (ACS). We use ACS one-year estimates (2021) where possible, but for areas with smaller populations and for metrics that incorporate zip code-level information, we use the ACS five-year estimates (2017–21). Finally, we also use estimates from the 2020 Decennial Census.

The credit bureau data do not include information about race, so the white and people of color metrics are based on the racial makeup of zip codes within the geographic area (nation, state, and county). Specifically, the majority-white communities are based on credit records for people who live in zip codes where most residents are white (at least 60 percent of the population is white), and communities of color values are based on credit records for people who live in zip codes where most residents are people of color (at least 60 percent of the population is African American, Hispanic, Asian or Pacific Islander, American Indian or Alaska Native, another race other than white, or multiracial). The ACS data include information on people’s race, so the white and people of color values for ACS metrics are calculated directly for those populations.

Data are reported at the national, state, and county levels for the 50 states and Washington, DC. In the dataset, missing and unavailable values are noted with “NA.” Some values are missing because no data are available. Others are missing because credit bureau metrics are not reported when they are based on fewer than 50 people. In other cases, values for white communities and communities of color are not reported because there are no zip codes with predominantly white populations or populations of color in the county or state. The map breaks are determined using the Jenks Natural Breaks method.²

The October 2023 update includes some changes to the data previously published in June 2022. While the primary source remains credit bureau data from February 2022, we updated the ACS data to incorporate 2017–21 five-year estimates (updated from 2015–19) and 2021 one-year estimates (updated from 2019) and updated the decennial census data to 2020 (updated from 2010). We also made improvements to some of our data processing steps and accounted for county changes in Alaska.

The October 2023 update also newly includes a version of the “All Debt” tab for young adults only, defined as consumers ages 18 to 24.³ These statistics are provided only at the national and state levels because of sample size limitations.

Metric Definitions

All Delinquent Debt (Source)

- *Share with any debt in collections*: share of people with a credit bureau record who have any debt in collections (February 2022 credit bureau data)⁴
- *Median debt in collections*: median amount of all debt in collections among those with any debt in collections (February 2022 credit bureau data)
- *Share with medical debt in collections*: share of people with a credit bureau record who have medical debt in collections (February 2022 credit bureau data)
- *Share of student loan holders with student loan debt in default*: share of people with any student loan debt who have student loan debt in collections/default (February 2022 credit bureau data)
- *Auto/retail loan delinquency rate*: share of people with an auto loan or lease or a retail installment loan who are 60 or more days delinquent (February 2022 credit bureau data)⁵
- *Credit card debt delinquency rate*: share of people with credit/charge card debt who are 60 or more days delinquent (February 2022 credit bureau data)⁶
- *Median credit card delinquent debt*: median amount of credit/charge card debt among those who are delinquent on their credit/charge card (February 2022 credit bureau data)
- *Share of people of color*: share of people who are African American, Hispanic, Asian or Pacific Islander, American Indian or Alaska Native, another race other than white, or multiracial (2021 or 2017–21 ACS)
- *Average household income*: average household income in 2021 dollars (2021 or 2017–21 ACS)

Medical Debt (Source)

- *Share with medical debt in collections*: see definition under “All Delinquent Debt”
- *Median medical debt in collections*: median amount of medical debt in collections among those with any medical debt in collections (February 2022 credit bureau data)
- *Share without health insurance coverage*: share of people who do not have health insurance coverage (2021 or 2017–21 ACS)
- *Share of people of color*: see definition under “All Delinquent Debt”
- *Average household income*: see definition under “All Delinquent Debt”

Student Loan Debt (Source)

- *Share of student loan holders with student loan debt in default*: see definition under “All Delinquent Debt”

- *Median student loan debt in default*: median amount of student loan debt in collections among those with student loan debt in collections/default (February 2022 credit bureau data)
- *Share with student loan debt*: share of people with a credit bureau record who have any student loan debt; includes student accounts that are open, deferred, and in collections (February 2022 credit bureau data)
- *Median student loan debt*: median amount of all student loan debt among those with any student loan debt (February 2022 credit bureau data)
- *Median monthly student loan payment*: median amount of monthly student loan payment owed on open accounts among those with open accounts (February 2022 credit bureau data)
- *Share without a bachelor's degree*: share of people ages 25 and older who have less than a bachelor's degree education (2021 or 2017–21 ACS)
- *Share of people of color*: see definition under “All Delinquent Debt”
- *Average household income*: see definition under “All Delinquent Debt”

Auto Loan Debt (Source)

- *Auto/retail loan delinquency rate*: see definition under “All Delinquent Debt”
- *Auto/retail loan delinquency rate by credit score*: share of people with an auto loan or lease or a retail installment loan who are 60 or more days delinquent, by VantageScore credit score (February 2022 credit bureau data). The VantageScore ranges from 300 to 850. Subprime scores range from 300 to 600, near prime from 601 to 660, and prime from 661 to 850.
- *Share with auto loan debt*: share of people with a credit bureau record who have an auto loan or lease (February 2022 credit bureau data)
- *Share with auto or retail loan debt*: share of people with a credit bureau record who have an auto loan or lease or a retail installment loan (February 2022 credit bureau data)
- *Share of people in rural areas*: share of people living in a rural area (2010 Census)
- *Share of people of color*: see definition under “All Delinquent Debt”
- *Average household income*: see definition under “All Delinquent Debt”

Young Adult All Delinquent Debt (Source)

- *Share with any debt in collections*: see definition under “All Delinquent Debt”; for consumers ages 18 to 24
- *Median debt in collections*: see definition under “All Delinquent Debt”; for consumers ages 18 to 24
- *Share with medical debt in collections*: see definition under “All Delinquent Debt”; for consumers ages 18 to 24

- *Share of student loan holders with student loan debt in default*: see definition under “All Delinquent Debt”; for consumers ages 18 to 24
- *Auto/retail loan delinquency rate*: see definition under “All Delinquent Debt”; for consumers ages 18 to 24
- *Credit card debt delinquency rate*: see definition under “All Delinquent Debt”; for consumers ages 18 to 24
- *Median credit card delinquent debt*: see definition under “All Delinquent Debt”; for consumers ages 18 to 24

Notes

- ¹ Previous versions of Debt in America utilized a 2 percent sample.
- ² “Data classification methods,” ESRI, accessed August 21, 2023, <https://pro.arcgis.com/en/pro-app/latest/help/mapping/layer-properties/data-classification-methods.htm>.
- ³ The credit data do not capture young adults without a credit record. In particular, they do not capture 11 percent of adults overall, 65 percent of 18- and 19-year old adults, and 20 percent of 20- to 24-year-old adults without a credit record. Consumer Financial Protection Bureau. 2015. Data Point: Credit Invisibles. Washington, DC: CFPB.
- ⁴ Debt in collections includes past-due credit lines that have been closed and charged-off on the creditor’s books as well as unpaid bills reported to the credit bureaus that the creditor is attempting to collect. For example, credit card accounts enter collections status once they are 180 days past due.
- ⁵ Retail installment loans are retail trades with installment terms—for example, a loan from a retail store for a furniture purchase.
- ⁶ A charge card is also known as an “open card”—a payment card that requires a full payment of the balance each billing cycle by the statement due date. Unlike credit cards, which give borrowers a revolving line of credit that can be accessed and paid down over time, charge cards do not allow balances to be carried forward and typically do not charge and interest rate.

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For more information on this project, see <https://www.urban.org/features/debt-interactive-map/>.

Data Citation

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