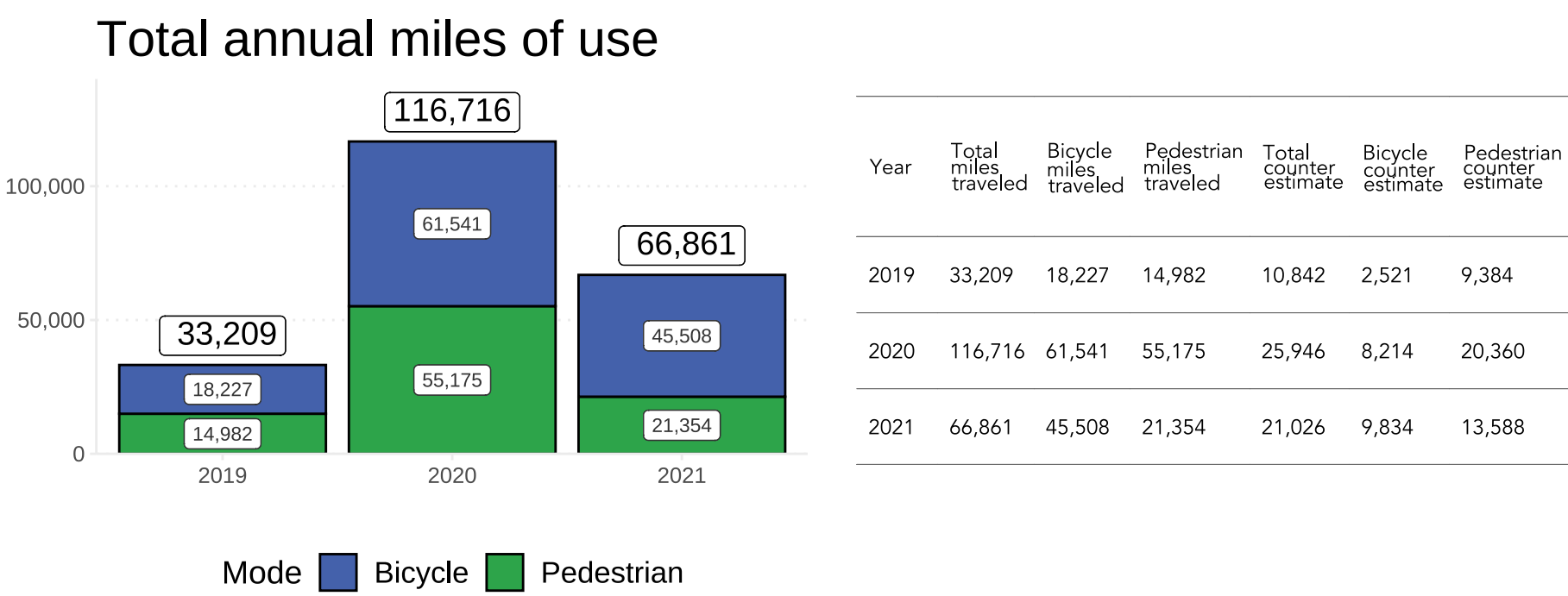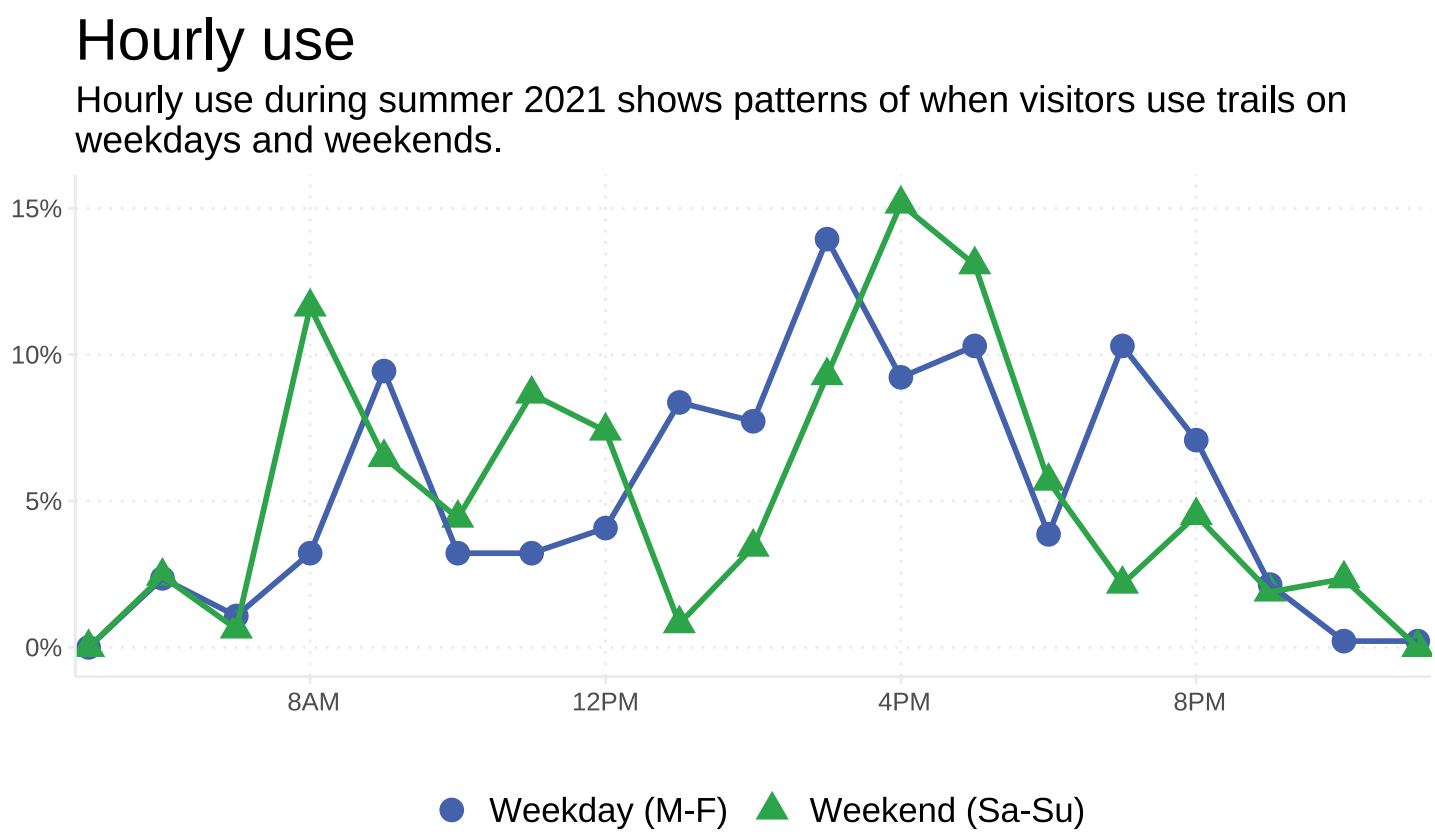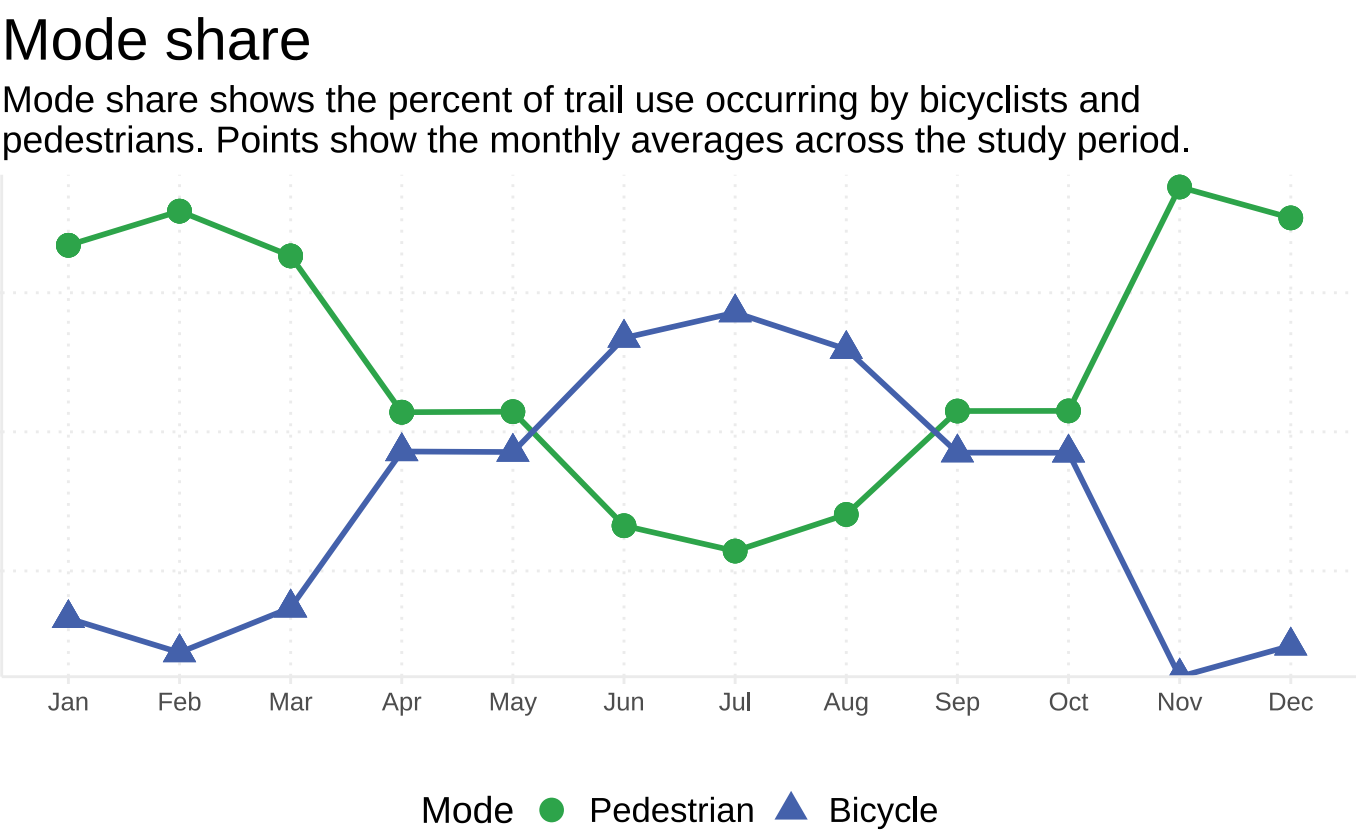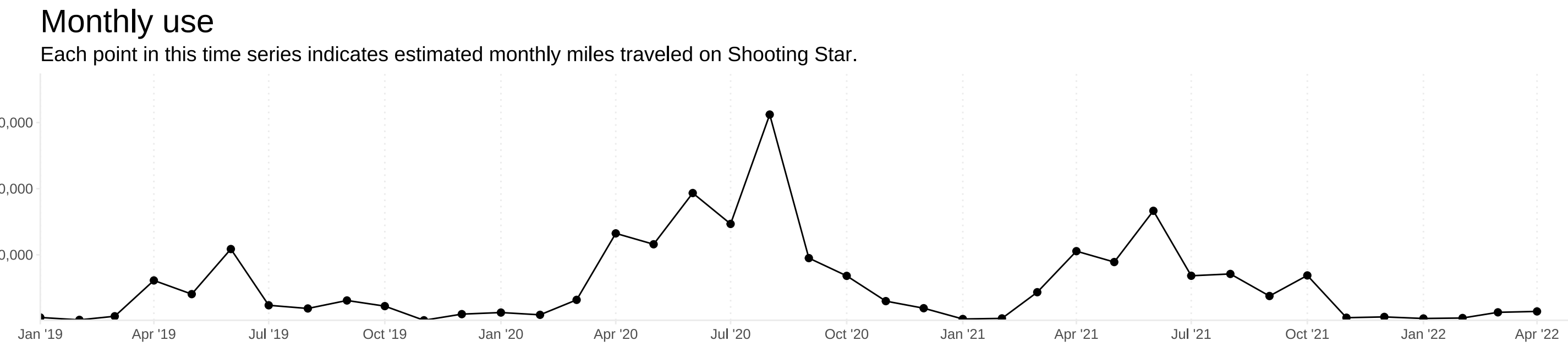# Shooting Star State Trail

This factsheet summarizes trail-level data for Shooting Star State Trail. Use estimates were derived using location-based services (LBS) data and represent the number miles traveled on trails by bicyclists and pedestrians.

This research project was funded with Legacy Partnership Research Funds from the State of Minnesota Parks and Trails Legacy Fund. LBS data was obtained from StreetLight Data, Inc. and was accessed in May 2023.

## Total annual miles of use



| Year | Total miles traveled | Bicycle miles traveled | Pedestrian miles traveled | Total counter estimate | Bicycle counter estimate | Pedestrian counter estimate |
|------|------|------|------|------|------|------|
| 2019 | 33,209 | 18,227 | 14,982 | 10,842 | 2,521 | 9,384 |
| 2020 | 116,716 | 61,541 | 55,175 | 25,946 | 8,214 | 20,360 |
| 2021 | 66,861 | 45,508 | 21,354 | 21,026 | 9,834 | 13,588 |



2021 counter estimate
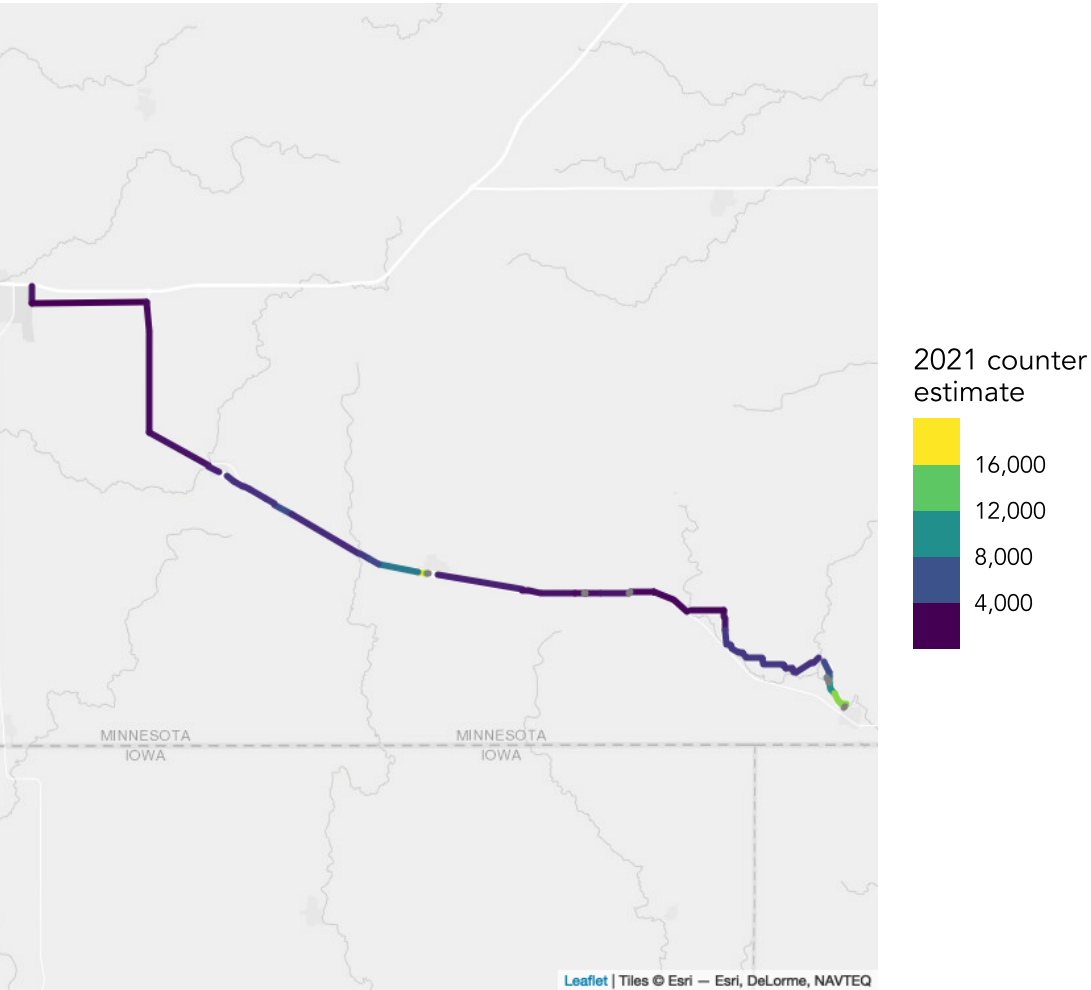
Shooting Star is part of the DNR State Trail system (4D). Park boundaries were accessed via the Minnesota Geospatial Commons in July 2023 and may have been edited to improve LBS data performance.

## Monthly use

Each point in this time series indicates estimated monthly miles traveled on Shooting Star.



## Mode share

Mode share shows the percent of trail use occurring by bicyclists and pedestrians. Points show the monthly averages across the study period.



## Hourly use

Hourly use during summer 2021 shows patterns of when visitors use trails on weekdays and weekends.



## Visitor home locations

Inferred visitor home locations are reported at the block group level. Darker colors indicate more visitors from a given block group. During 2021, approximately 94% of visitors to Shooting Star lived inside of Minnesota while 6% of visitors lived outside of Minnesota.



Percent
- 13.53%
- 4.98%
- 1.83%
- 0.67%
- 0.25%
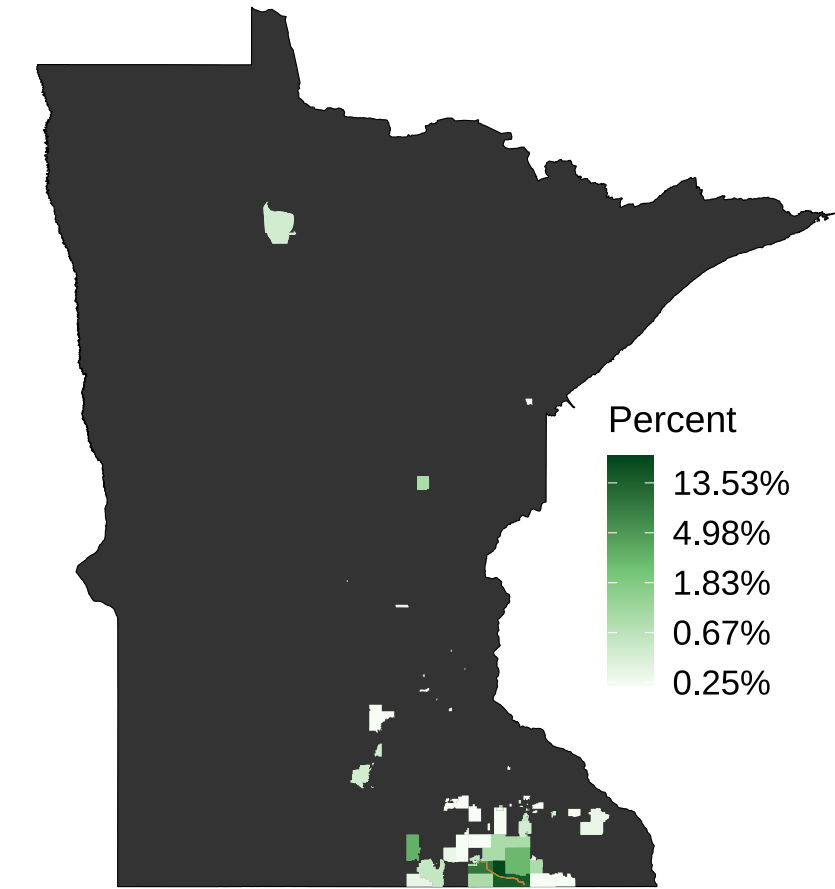
## Visitor Demographics

Visitor demographics are inferred based on home locations and data from the 2020 US Census. The table summarizes inferred demographic attributes of visitors to Shooting Star during 2021 (LBS data). 2020 US Census data for the state is provided for context. Please note that local and/or historical context is crucial when interpreting trail-level demographic data.

| Category | Census Group | Trail Estimate (entire 2021) | State Average |
|------|------|------|------|
| Race/ethnicity | American Indian | 0.4% | 1.0% |
| | Asian | 1.6% | 5.2% |
| | Black | 1.7% | 6.9% |
| | Hispanic or Latinx | 4.9% | 6.1% |
| | More than one race | 3.5% | 4.1% |
| | Native Hawaiian and other Pacific Islander | 0.0% | 0.0% |
| | Some other race | 2.0% | 0.4% |
| | White | 85.9% | 76.3% |
| Income | Less than $25,000 | 16.6% | 10.4% |
| | $25,000 - 39,999 | 10.8% | 11.2% |
| | $40,000 - 59,999 | 17.4% | 15.1% |
| | $60,000 - 74,999 | 10.6% | 10.0% |
| | $75,000 - 99,999 | 16.6% | 14.1% |
| | $100,000 - 149,999 | 16.3% | 18.3% |
| | $150,000 or higher | 11.7% | 20.8% |
| Education | High school | 40.0% | 30.9% |
| | Associate degree or some college | 35.4% | 32.4% |
| | 4-year degree | 16.2% | 24.2% |
| | Graduate or professional degree | 8.5% | 12.6% |