INCOME OVERVIEW

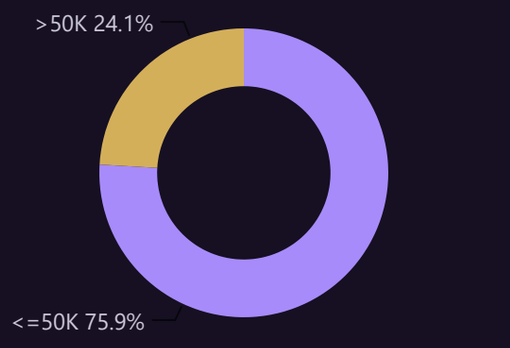
Adult Income Intelligence

Who is in the data, and who earns above $50K. 1994 U.S. Census sample.

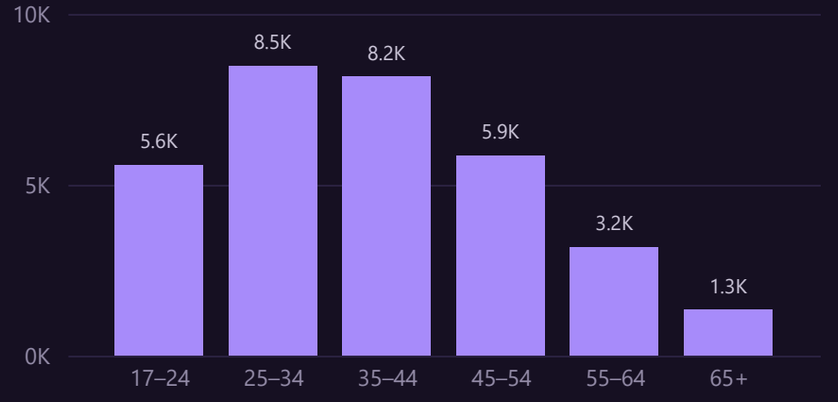
Age group: All | Education: All | Occupation: All | Sex: All | Income: All

32,561	7,841	24.1%	17–90	40
People	Above $50K	Above $50K Rate	Age Range	Median Weekly Hours

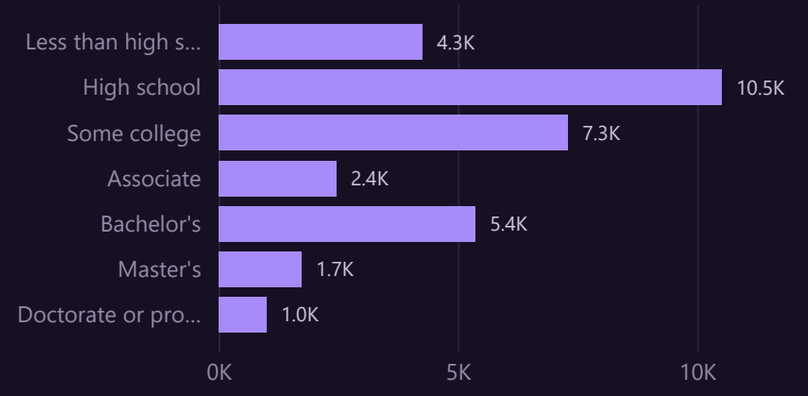
Income split



People by age group



People by education level



INCOME SPLIT

7,841 of 32,561 people (24.1%) earn above $50K.

EDUCATION

Doctorate has the highest share earning above $50K: 74.1% (306 of 413).

OCCUPATION

Exec-managerial has the highest share earning above $50K: 48.4% (1,968 of 4,066).

AGE

People aged 45–54 have the highest share earning above $50K: 40.1% (2,348 of 5,853).

HOURS WORKED

People working 50–59 hours a week have the highest share earning above $50K: 44.6% (1,728 of 3,877).

BY SEX

Men earn above $50K at 30.6% compared with 10.9% for women, a gap of 19.6 percentage points.

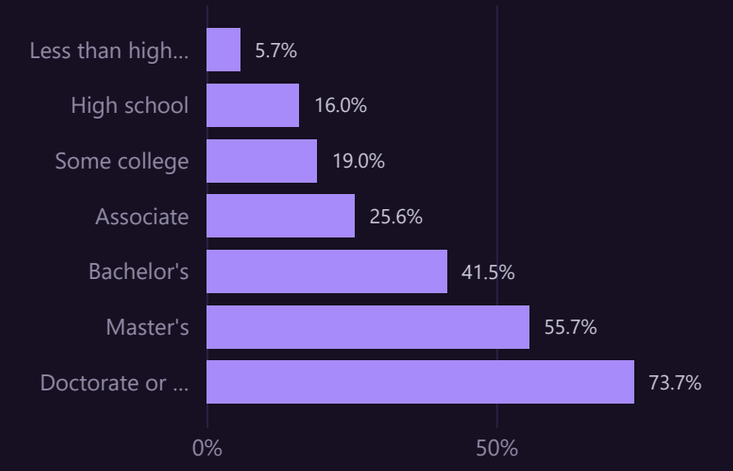
INCOME PATTERNS & COMPARISONS

How the above $50K share differs by group

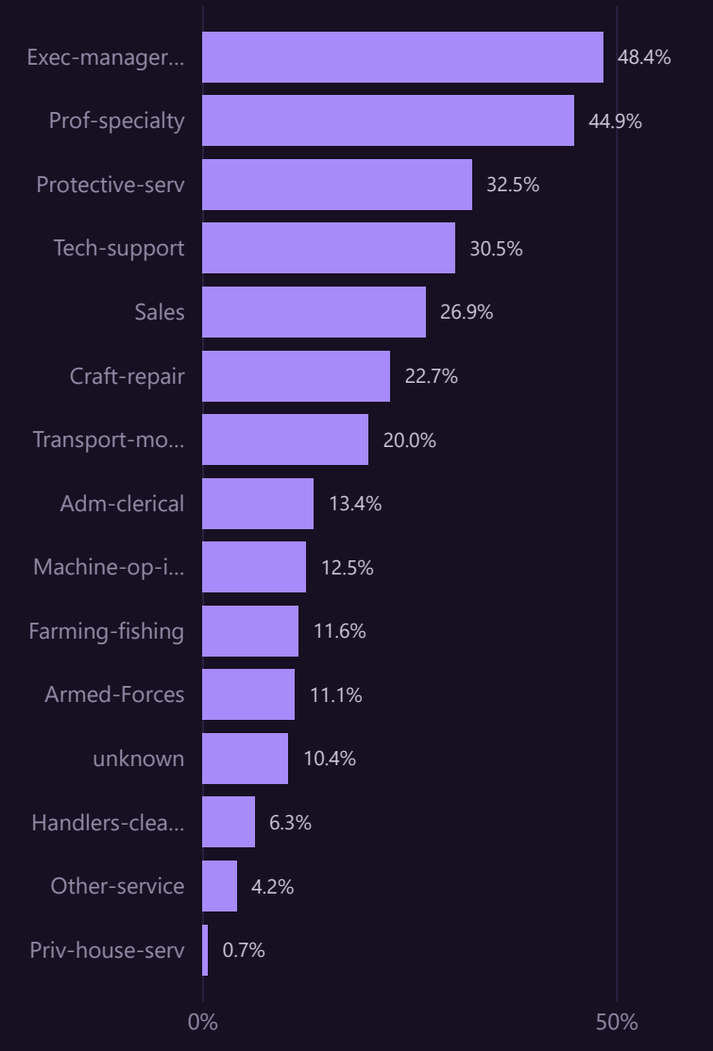
Each bar is the share within that group, so large and small groups compare fairly.

Age group: All | Education: All | Occupation: All | Sex: All | Income: All

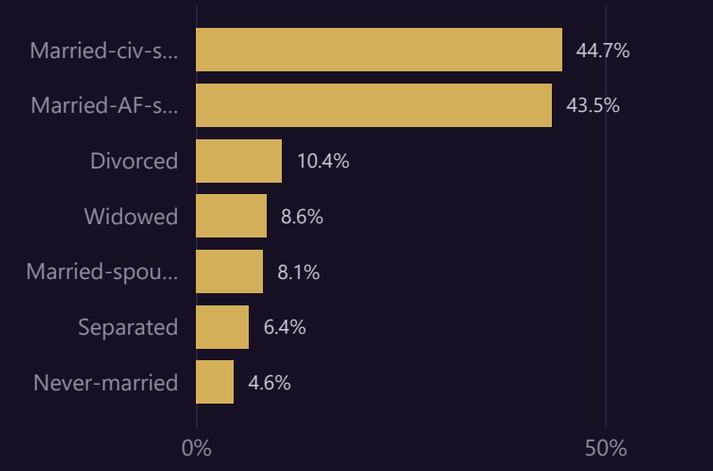
By education level



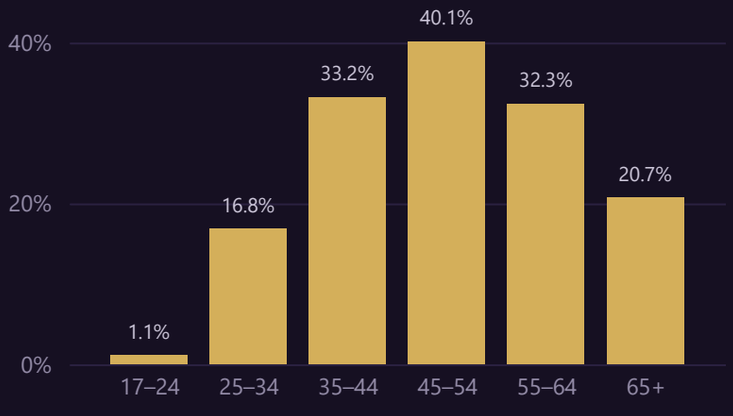
By occupation



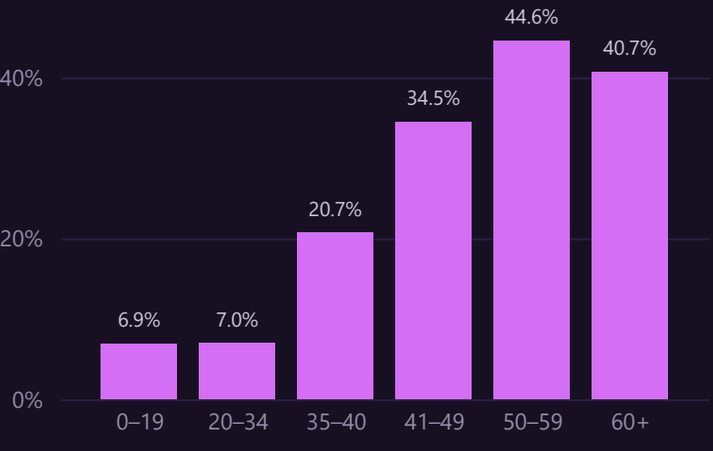
By marital status



By age group



By weekly hours



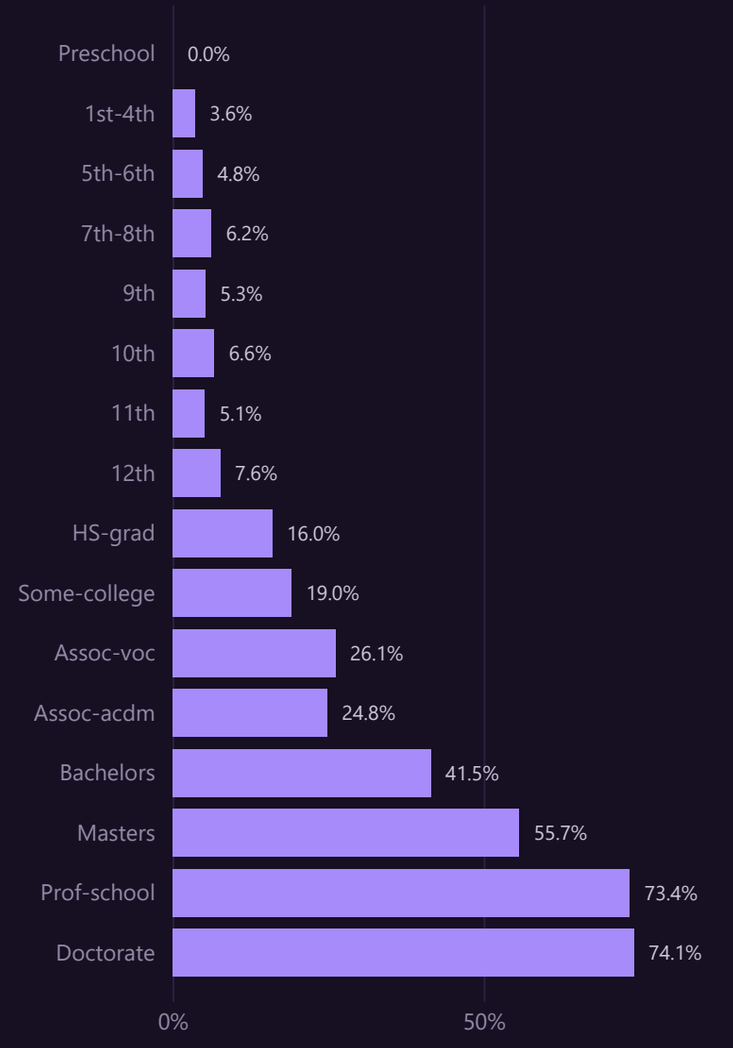
EDUCATION, SEX & WORK

Education, sex and workclass up close

Comparing two factors together shows whether a pattern holds within groups.

Age group: All | Education: All | Occupation: All | Sex: All | Income: All

All 16 education levels



Education level and sex together: above $50K rate

education_level	Female	Male	**Total**
Less than high school	1.7%	7.5%	**5.7%**
High school	6.7%	20.4%	**16.0%**
Some college	7.0%	26.5%	**19.0%**
Associate	13.4%	32.9%	**25.6%**
Bachelor's	20.9%	50.4%	**41.5%**
Master's	33.4%	65.7%	**55.7%**
Doctorate or professional	51.7%	78.5%	**73.7%**
Total	**10.9%**	**30.6%**	**24.1%**

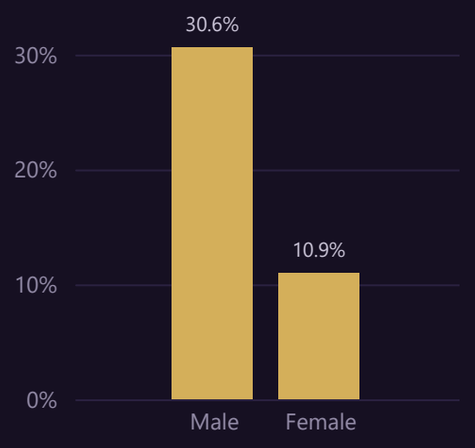
BY SEX

Men earn above $50K at 30.6% compared with 10.9% for women, a gap of 19.6 percentage points.

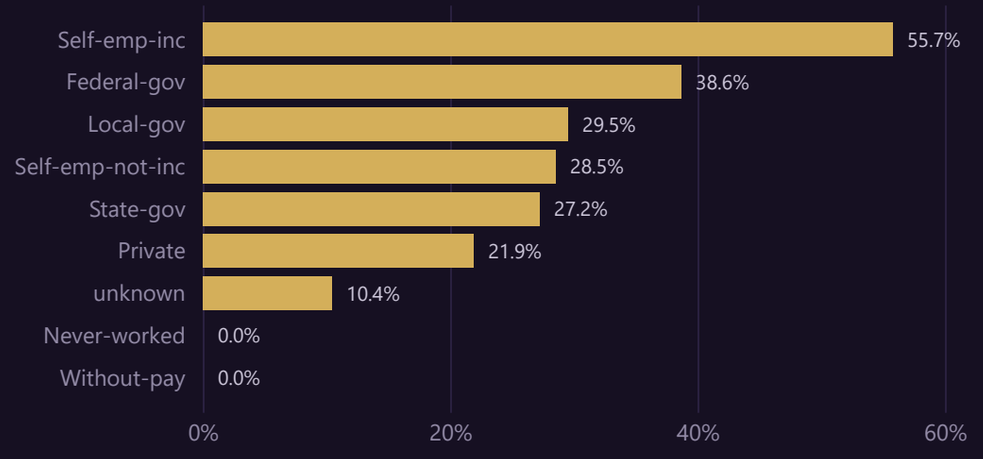
DEGREE VS HIGH SCHOOL

A bachelor's degree or higher: 48.5% earn above $50K, compared with 13.0% for high school or less.

By sex



By workclass



CONCLUSIONS & METHODOLOGY

What the data shows, and can we trust it?

Checks run on the full dataset, so these cards ignore filters.

32,561	15	24	1,836	1,843	583
Total Rows	Original Columns	Duplicate Rows	Unknown Workclass	Unknown Occupation	Unknown Country

How it was built

Data: 32,561 people from the 1994 U.S. Census. Income is just above or below $50K, not an exact salary.
Cleaning: trimmed spaces, kept missing values as "unknown" instead of deleting rows, and grouped age, hours and education into bands.
Insights: written in DAX, no AI. They update with the filters and skip very small groups.
Checked: key numbers match the original Python analysis.

Keep in mind

This is 1994 data, so it does not describe today.
These are patterns, not causes. Nothing else was controlled for.
Results describe this sample, not the whole U.S. population.
24 duplicate rows were kept, since they may be different people.

What the data shows

Education: 48.5% of people with a bachelor's degree or higher earn above $50K, compared with 13.0% with high school or less.
Work: executive and professional jobs have the highest rates, and the rate climbs with hours up to 50 to 59 a week.
Age: the rate peaks at ages 45 to 54 (40.1%).
Sex: 30.6% of men and 10.9% of women, and the gap shows up at every education level.
Next: a model that looks at these factors together.

Sample records

age	education	occupation	sex	hours.per.week	income
17	5th-6th	Other-service	Male	48	<=50K
17	7th-8th	Craft-repair	Male	45	<=50K
17	7th-8th	Farming-fishing	Male	40	<=50K
17	7th-8th	Sales	Male	8	<=50K
17	9th	Craft-repair	Female	16	<=50K
17	9th	Craft-repair	Male	40	<=50K
17	9th	Handlers-cleaners	Male	15	<=50K
17	9th	Machine-op-inspct	Male	20	<=50K