Lecture 4:
Histograms

February 13, 2023

Henry on Isabel's Graph

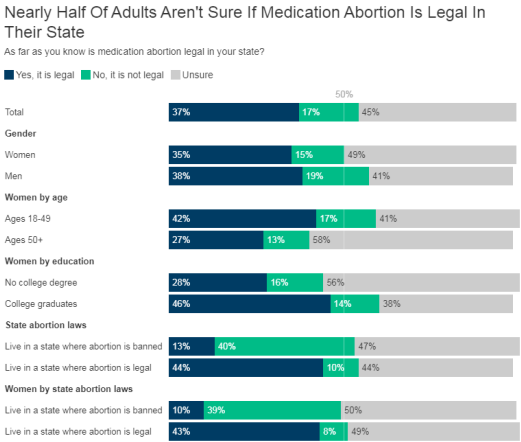
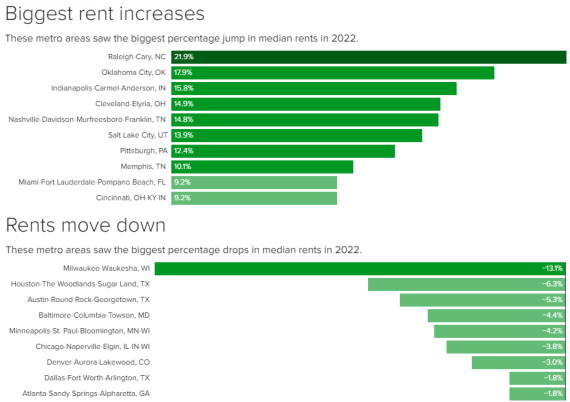


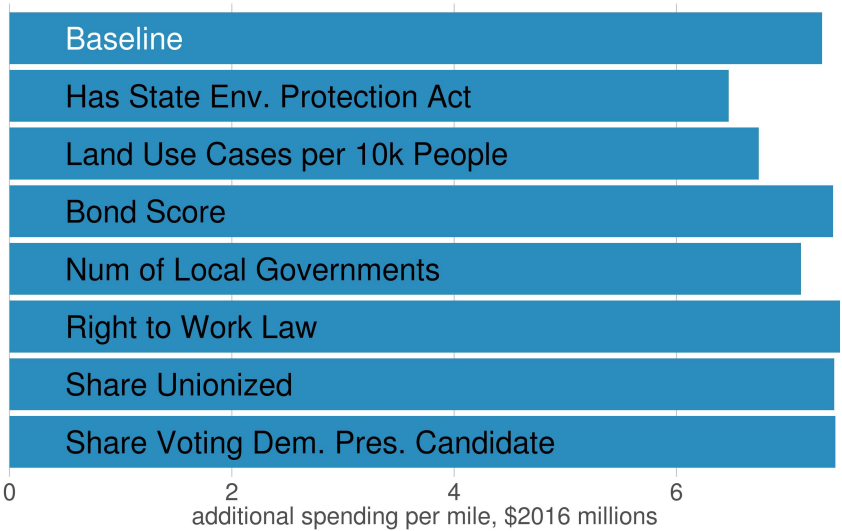
Figure 1 from " KFF Health Tracking Poll Early 2023 Update ...," *Kaiser Family Foundation* website, Feb. 1, 2023. [link]

Hannah on Anna's Graph



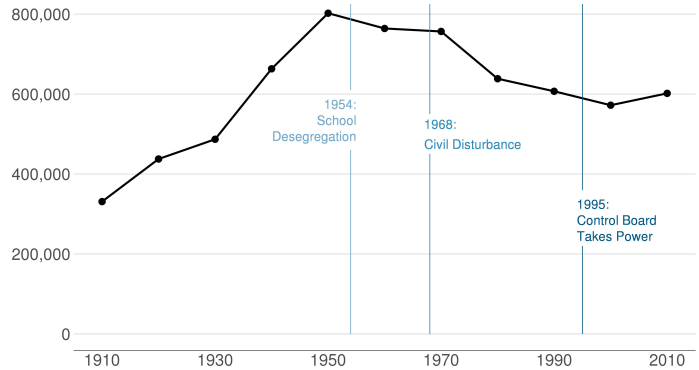
CBS MoneyWatch, "Which U.S. cities have seen the biggest jump – and decline – in rent this year?," September 16, 2022. [link]

Bars

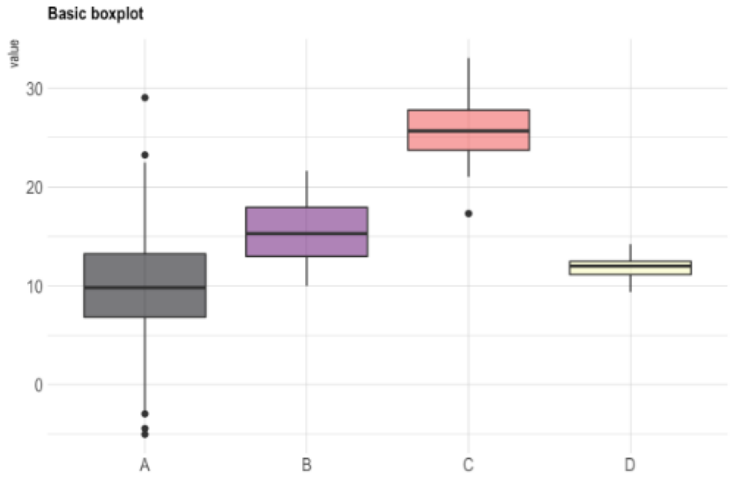

Baseline
Has State Env. Protection Act
Land Use Cases per 10k People
Bond Score
Num of Local Governments
Right to Work Law
Share Unionized
Share Voting Dem. Pres. Candidate
0
2
4
6
additional spending per mile, $2016 millions

Lines

Population Turns Up After 2000

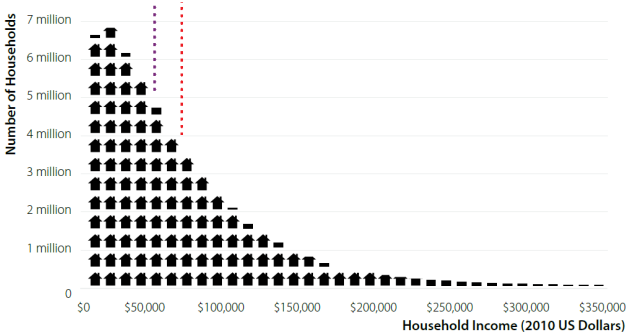


Boxes



Source: https://www.r-graph-gallery.com/89-box-and-scatter-plot-with-ggplot2.html

Mulbrandon's Income Histogram



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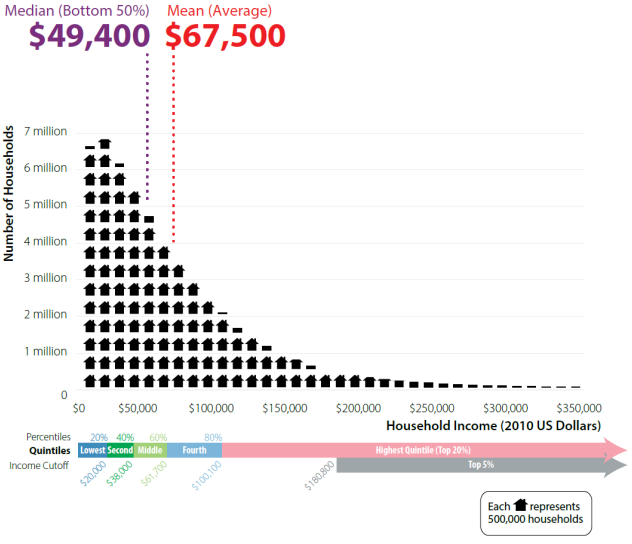
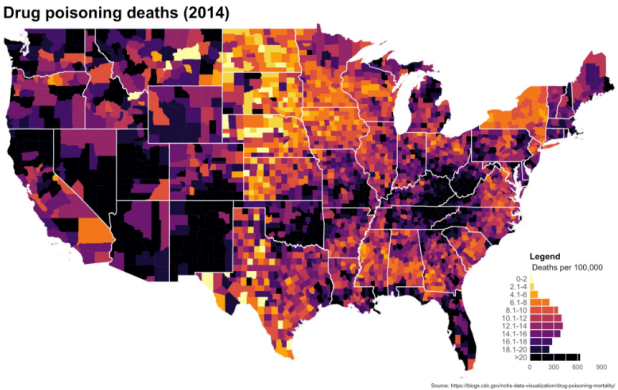
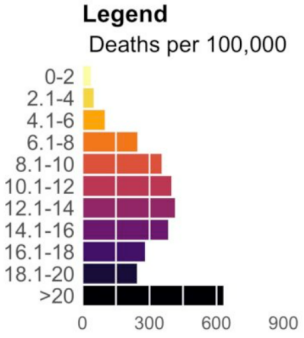


As a Map Legend



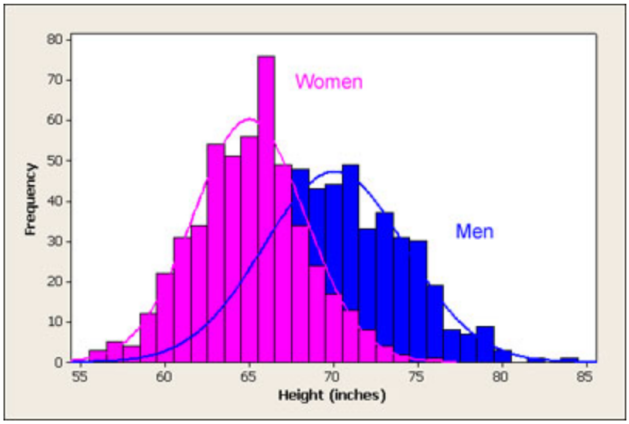
From https://mathewkiang.com/2017/01/16/using-histogram-legend-choropleths/

Legend, Now Visible



With code on how to do this! From Matthew Kiang's website

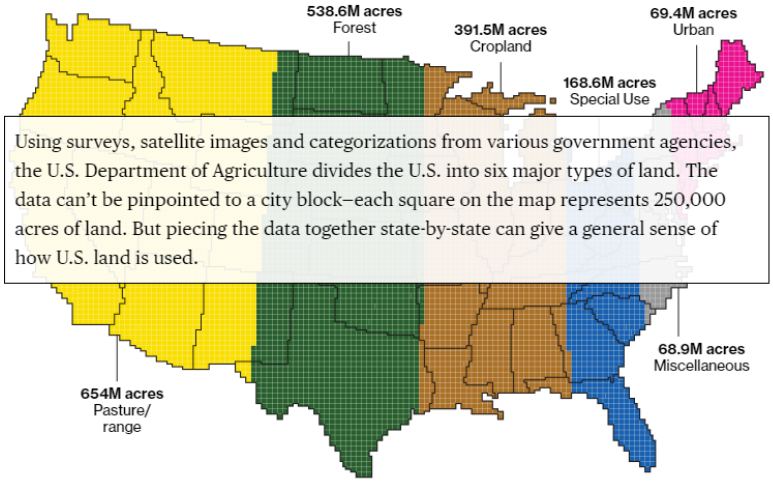
Height: Note the Curves



From http://www.usablestats.com/lessons/normal

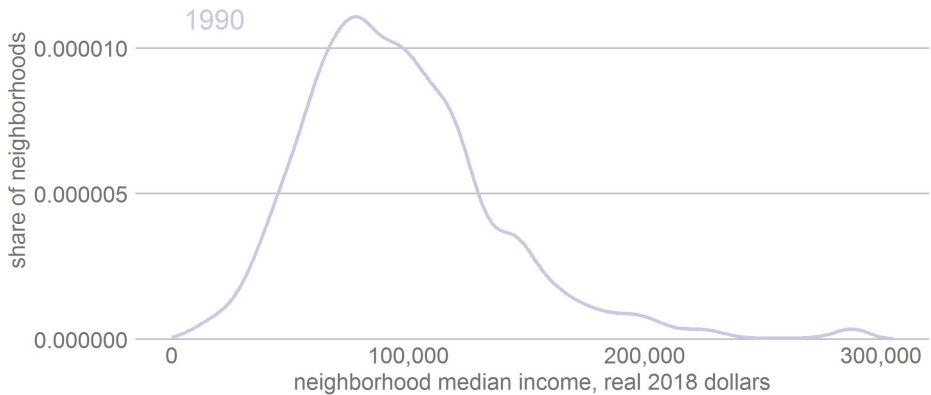
Land By Type: Between a Histogram and a Bar

Goal here is also histogram-like.



INCOME

Incomes Have Grown, But the Middle Class Has Hollowed Out



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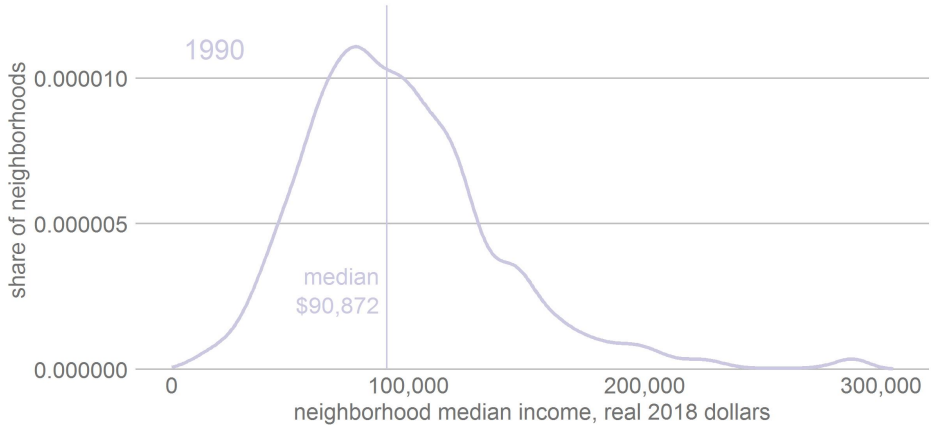

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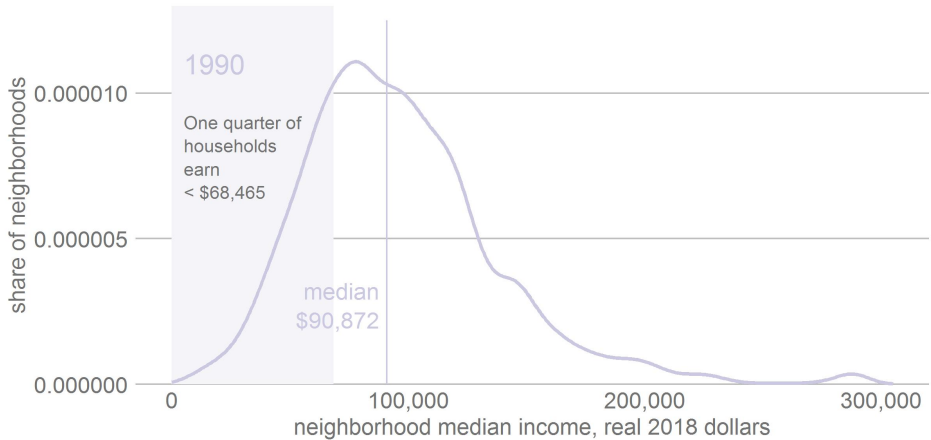

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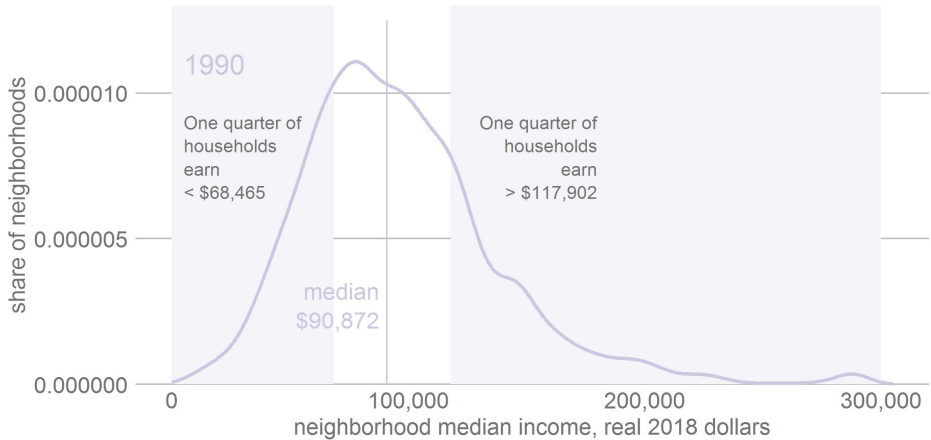

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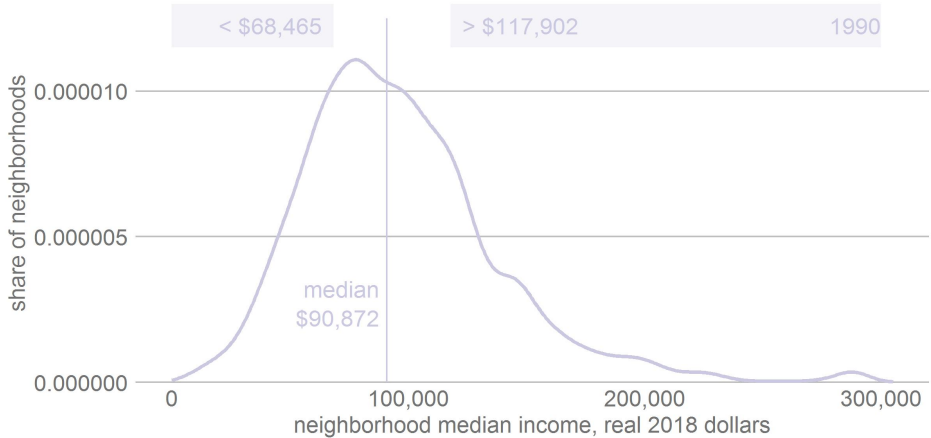

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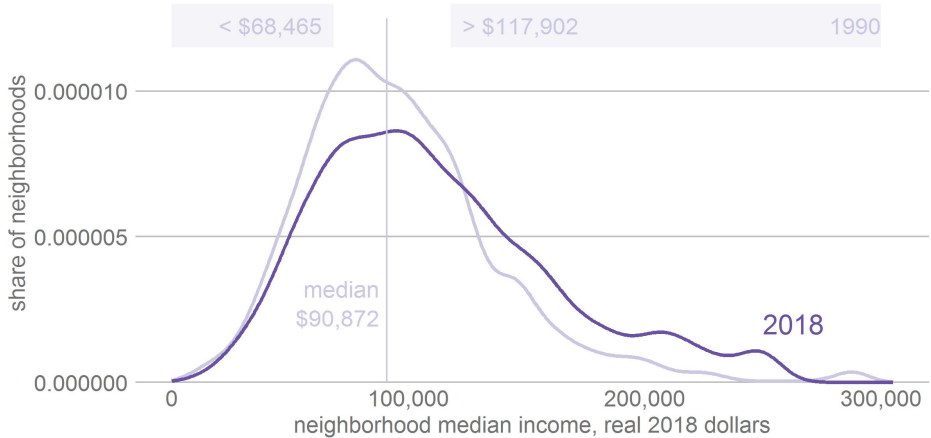

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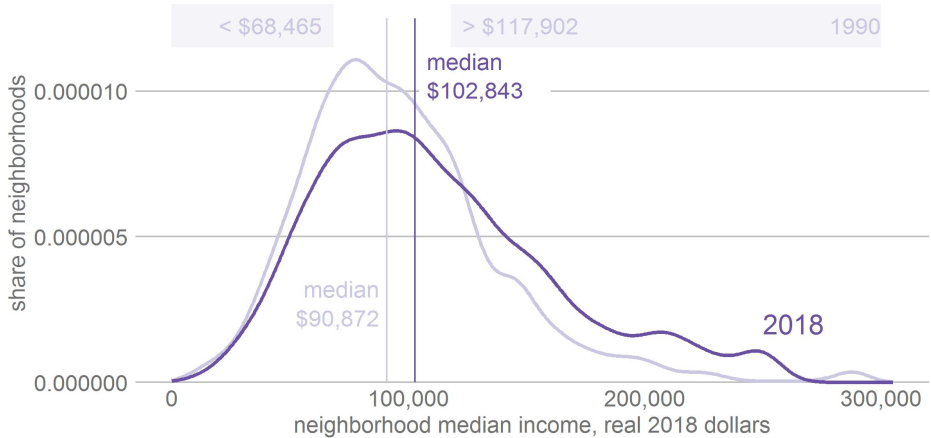

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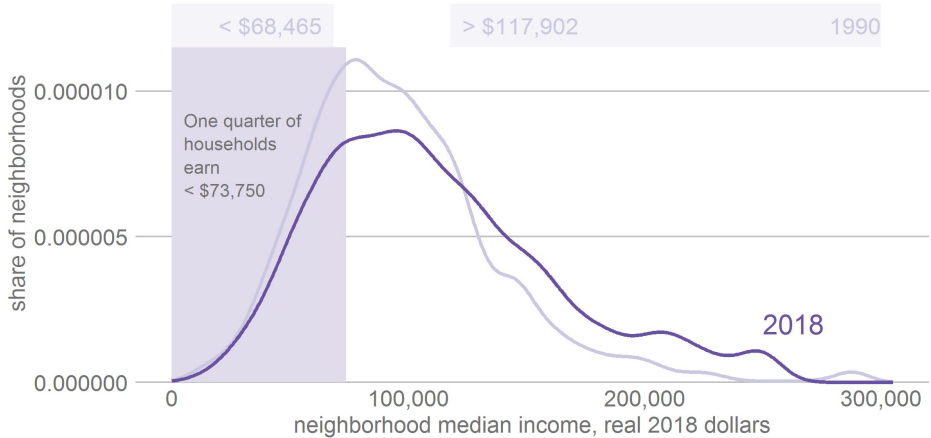

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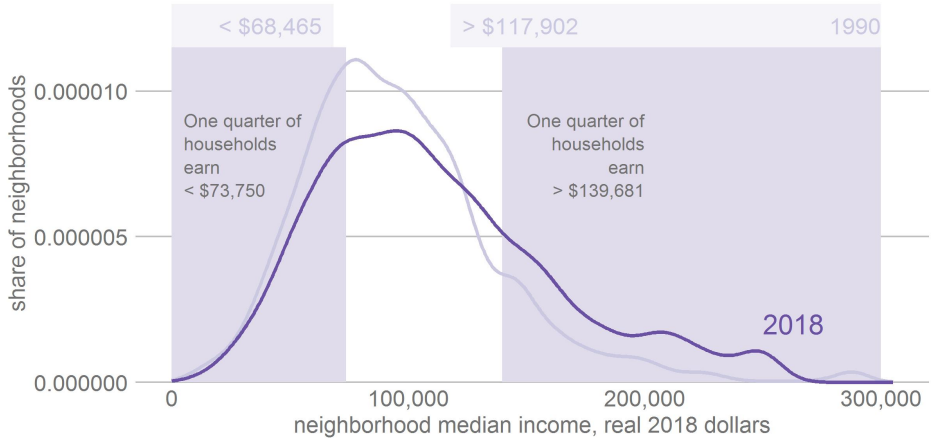

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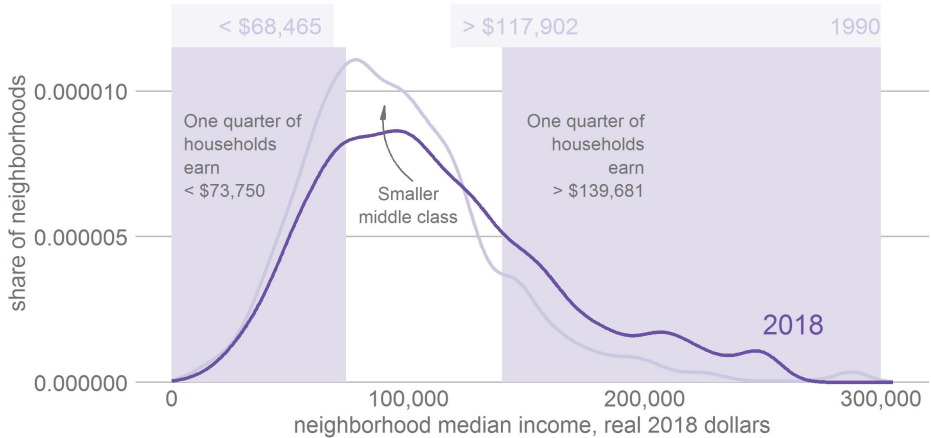

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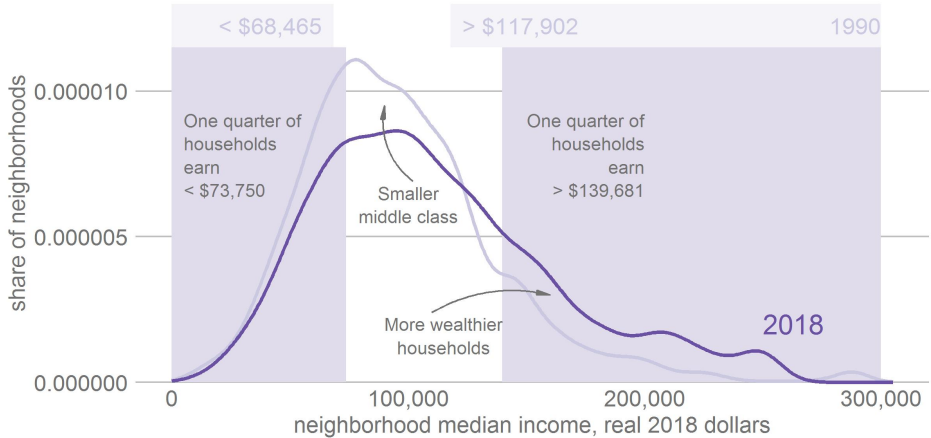
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