

# The Pandemic's Disparate Effects on DC Workers and Neighborhoods

## Technical Appendix

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## Data Source

Data on jobs and workers in retail, food, and transportation are from the 2017 Longitudinal Employer-Household Dynamics Origin-Destination Employment Statistics residence area characteristics dataset, which includes all primary jobs and excludes federal jobs. The number of jobs that pay less than \$40,000 a year by industry is from the same source.

The Neighborhood Cluster boundary file was created by the DC Office of Planning and was retrieved from the [Open Data DC portal](#).

## Spatial Aggregation

The dataset was originally [summarized to the tract level from block level by Urban Institute](#). To aggregate tract-level data to neighborhood clusters, I used a population weighting method to first apportion tract-level job counts to census blocks within that tract based on 2010 block group population, and I then aggregated block-level job counts to neighborhood clusters if the block's centroid fell within a certain neighborhood cluster boundary.



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