Mobility Trends in Jefferson County, KY: February 15 to October 18, 2020

Seyed M. Karimi, PhD
Department of Health Management & Systems Sciences
School of Public Health & Information Sciences
University of Louisville
Email: Seyed.Karimi@louisville.edu

&
Center for Health Equity
Louisville Metro Department of Public Health & Wellness
Louisville Metro Government
Email: Seyed.Karimi@louisvilleky.gov

October 22, 2020

Main Takeaway:
Google mobility indicators show an apparent change in mobility trends in the County from early September 2020:
- workplace mobility has been continuously increasing
- residential and grocery store mobilities have been continuously decreasing

Summary:
1. Workplace mobility on weekdays remained stable at 35 percentage points or more below its pre-COVID level from late May until early September. In the past month, however, it increased by about 5 percentage points.
2. Residential mobility on weekdays remained stable at about 10 percentage points above its pre-COVID level from early June until early September. In the past month, however, it decreased by about 5 percentage points.
3. Grocery and pharmacy mobility on weekdays has continuously decreased from early July. Currently, it is at its pre-COVID level.
4. Retail and recreation mobility on weekdays remained stable at 10 percentage points or more below its pre-COVID level from mid-July.
5. Transit stations’ mobility on weekdays has remained 20 percentage points or more below its pre-COVID level from mid-June.

Source: Google Community Mobility Reports (link)
Transit Stations Mobility as a Percentage of Pre-COVID-19 Mobility by Week of the Year

Percentage Change from the Mobility in the Same Days before COVID-19

Weekday
Weekend