

LED on California Wildfires

Notes, Metadata, and Methodology (10/26/2007)

Active Fire Detections:

1. Wildfire locations in Southern California are based on the MODIS Active Fire Mapping Program – USDA Forest Service, Remote Sensing Applications Center.
2. The data used to determine impacted Census Blocks cover all Active Fire Detections from 10/19/2007 through 10/26/2007, as of 9:00 am EDT on 10/26/2007.
3. Only fires detected in San Diego, Orange, Riverside, San Bernardino, Los Angeles, Ventura, and Santa Barbara counties are included.
4. There are 2,719 fire data points in the seven counties in Southern California for the seven-day period listed above (although there are no data points on 10/19 or 10/20).
5. For more information on these fire data, please visit: <http://activefiremaps.fs.fed.us/>

Census Blocks:

1. To determine the affected Census Blocks, each fire point is given a one-kilometer buffer, making 2,719 fire circles with a one-kilometer radius. All Census Blocks that intersect with these fire circles are included in the analysis.
2. For the time period 10/19/2007 through 10/26/2007, there are 3,653 Census Blocks within one kilometer of the fire points.
3. Please refer to the accompanying PDF map titled, “Southern California Wildfires,” to view the Census Block coverage in relation to the Active Fire Detections.
4. Two types of analysis are performed on the selected blocks, one in which employment totals are calculated based upon the people working in the selected blocks, and the other in which employment totals are calculated based upon workers who reside in the selected blocks.
5. The Census Blocks used in this analysis are based on TIGER 2005 2nd Edition geovintage.
6. For more information on TIGER geographies, please visit: <http://www.census.gov/geo/www/tiger/index.html>

Local Employment Dynamics (LED) Partnership:

1. All accompanying table data for the impacted blocks comes from Local Employment Dynamics (LED), a voluntary partnership between state Labor Market Information agencies and the U.S. Census Bureau.
2. The Employment and Training Administration of the U.S. Department of Labor has provided continuing support to the LED partnership.
3. For more information on the LED partnership and datasets, please visit: <http://lehd.did.census.gov/>.