Results of the Second Observational Surveys of Mask Use in Indoor Public Areas in Jefferson County, KY during December 14–20, 2020

December 22, 2020
Key Takeaways

- 382 indoor public areas were observed in the second wave of the observational survey of mask use in Jefferson County, Kentucky.

- *Unmasked Visitors:* 4% of visitors did not wear a mask. The highest unmasked rate was observed in small public areas (10%) and the South & South West district (8%).

- *Unmasked Staff:* 8% of staff did not wear a mask. The highest unmasked rate was observed in medium-small public areas (15%) and the North West district (16%).

- *Improperly Masked Visitors:* 14% of visitors did not use their masks properly. The highest rate of improper use was in small public areas (17%) and the North West district (20%).

- *Improperly Masked Staff:* 13% of staff did not use their masks properly. The highest rate of improper use was in medium-size public areas (18%) and South & South West and West Center districts (20%).

- *Mask Use by Sex:* 60% of the unmasked and 53% of the improperly masked were males. In the North West district, men made 100% of the unmasked and 74% of the improperly masked.

- *Mask Check or Sign:* More than 83% of public areas either checked mask-wearing or had mask use signs at the entrance.

- *Hand Sanitizer:* 45% of public areas provided hand sanitizer to visitors. Only 9% of public areas in the North West district provided hand sanitizer; 66% of public areas in the East and North East district provided hand sanitizer.
Figure 1: City Districts in Jefferson County
Figure 2: Number of Observed Indoor Public Areas by Districts
Figure 3: Number of Observed Indoor Public Areas by Industry Category

- Furniture, Equipment, Building Material, Garden Supply: 133
- General Merchandise Stores & Apparel and Accessory Stores: 91
- Food Stores (e.g., Grocery, Meat, Fruit, Dairy, Bakery): 71
- Miscellaneous Retail (e.g., Pharmacy, Liquor, Book, Jewelry): 87
Figure 4: Number of Observed Indoor Public Areas by Size
Figure 5: The Percentage of Unmasked and Improperly Masked among Visitors of Jefferson County Indoor Public Areas by Size, Dec. 14–20, 2020
Figure 6: The Percentage of Unmasked and Improperly Masked among Staff of Jefferson County Indoor Public Areas by Size, Dec. 14–20, 2020
Figure 7: The Percentage of Unmasked and Improperly Masked among Visitors of Jefferson County Indoor Public Areas by District, Dec. 14–20, 2020
Figure 8: The Percentage of Unmasked and Improperly Masked among Staff of Jefferson County Indoor Public Areas by District, Dec. 14−20, 2020
**Figure 9:** Percentage of Males among Unmasked Visitors by District

**Figure 10:** Percentage of Males among Incorrectly Masked Visitors by District
Figure 11: Percentage of Indoor Public Areas by Practice of Protective Measures and Size

- All Surveyed Public Areas
- Large (5000+ sq ft)
- Medium Large (2500–5000 sq ft)
- Medium Small (1500–2500 sq ft)
- Small (1500+ sq ft)
Figure 12: Percentage of Indoor Public Areas by Practice of Protective Measures and District
The Research Team

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