# Outbreak Investigation Report – Region K (April 2025)

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## Executive Summary

This document details the findings from the outbreak investigation conducted in Region K during the first half of April 2025. The investigation aimed to understand the cause of the increase in respiratory illnesses and determine if further intervention was needed.

## Epidemiological Observations

- Case spike observed between April 3–10.  
- 85 reported cases of respiratory illness within one week.  
- Patient interviews and environmental tests suggest airborne transmission.  
- Shared exposure sources include a regional market and school events.

## Demographic Breakdown

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| Age Group | Cases | Notes |
| 0–12 | 24 | High school absenteeism reported |
| 13–35 | 36 | Affected mostly in urban schools |
| 36–60 | 18 | Lower exposure, fewer public events |
| 60+ | 7 | Senior care facility under review |

## Recommendations

1. Initiate localized awareness campaigns in schools and markets.  
2. Improve ventilation and mask protocols in indoor public spaces.  
3. Continue symptom monitoring for two more weeks.  
4. Prepare mobile testing teams if case count rises above 100.