

Seasonal Respiratory Vaccine Coverage: 2024–25 Mid–Season Report

Key Messages

Overall, citywide influenza and COVID-19 vaccine coverage* is low.

Only 23.3% of Chicagoans have received a flu shot this season. This is the lowest mid-season coverage rate in the past four years.

COVID-19 vaccination coverage is only 11.8% which is 1.4% lower than this time last year.

Compared to last year, vaccine uptake is lower across almost all age groups and is lower or similar across most community areas. However, coverage has improved in some South and West side areas.

Flu and COVID-19 activity is expected to continue this winter and spring. There is still time to benefit from vaccination.

*all vaccine coverage data in this report are current through December 28, 2024

Viral Activity

As of this publication, respiratory viral activity is high across the city.

Influenza activity is particularly elevated, causing high volumes of ED visits, hospitalizations, and ICU admissions.

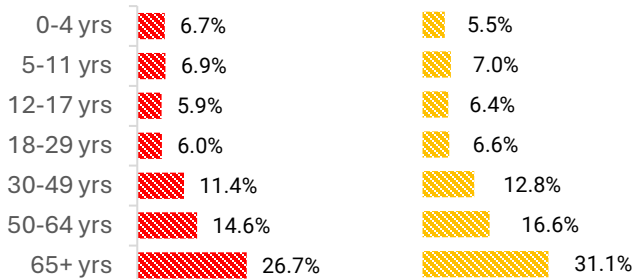
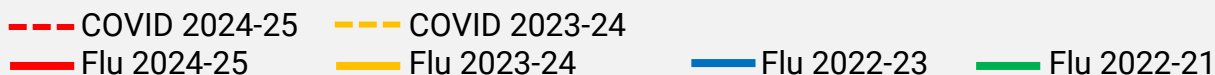
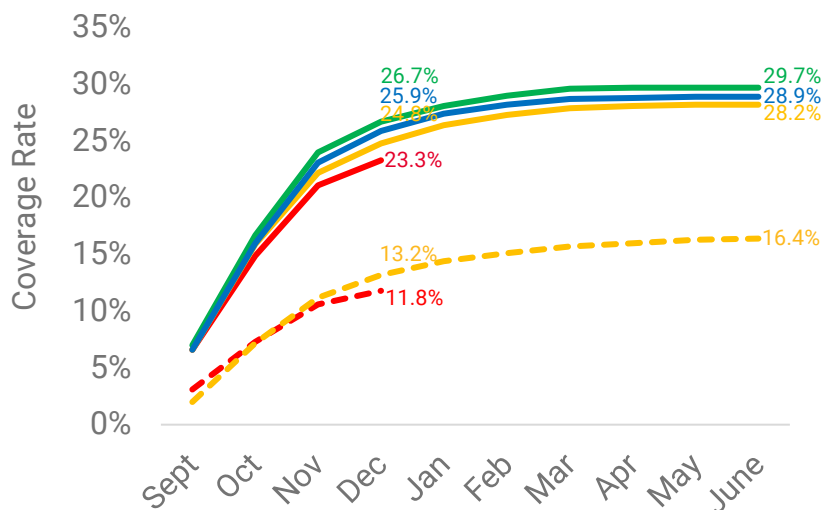
COVID-19 levels are lower than at this point last year, but COVID-19-related ED visits and hospitalizations have been increasing for several weeks.

Citywide Vaccine Coverage by Season

Citywide vaccine coverage for influenza and COVID-19 is low compared to previous years.

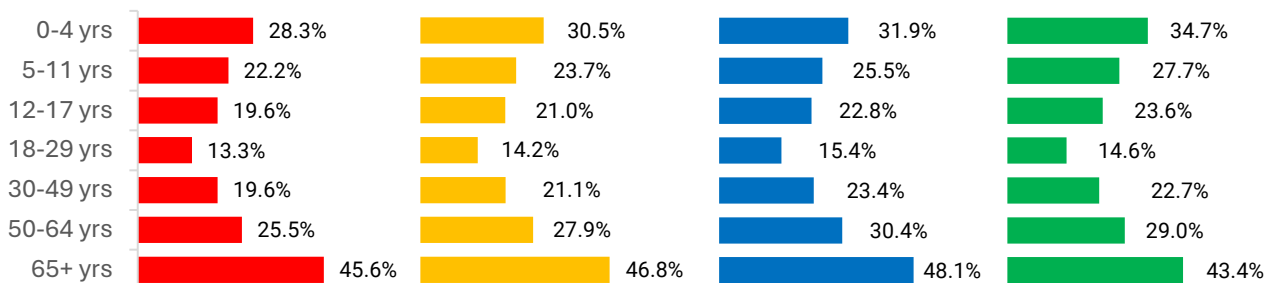
Only 23.3% of Chicagoans are up to date on their flu vaccine. This is the lowest mid-season coverage in the past four years.

Only 11.8% of Chicagoans are up to date on their COVID-19 vaccine. This is lower than last year.



COVID-19 vaccine coverage by season varies by age group. Adults >30 years have decreased rates compared to last year, especially among those 65+, whereas children 0-4 years have slightly increased rates.

Flu vaccine coverage has decreased since the 2021-22 season, particularly among children 0-4 years. Senior coverage has remained similar.

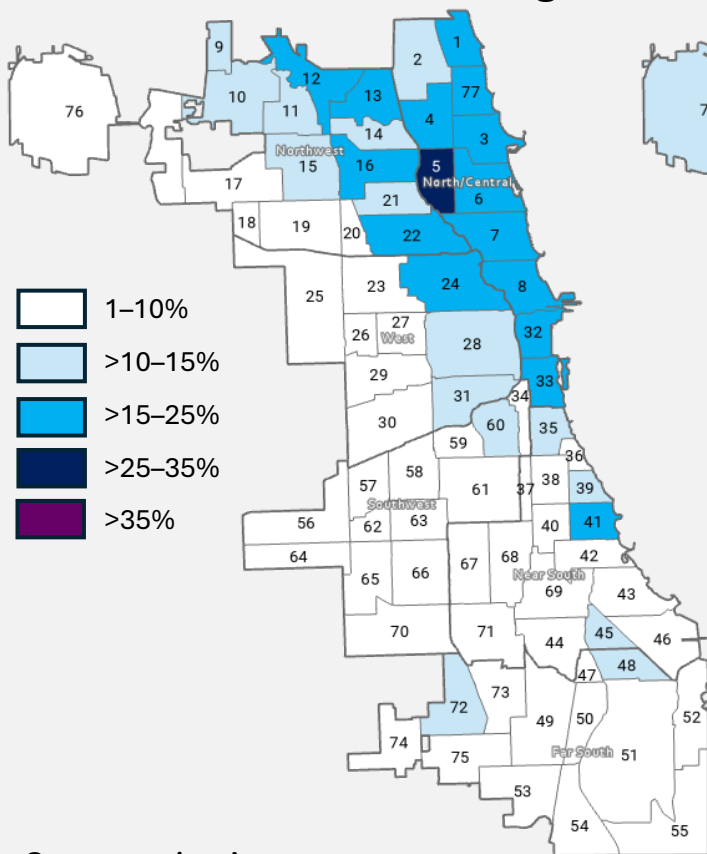


COVID-19 and Influenza Vaccine Coverage by Community Area, 2024-25

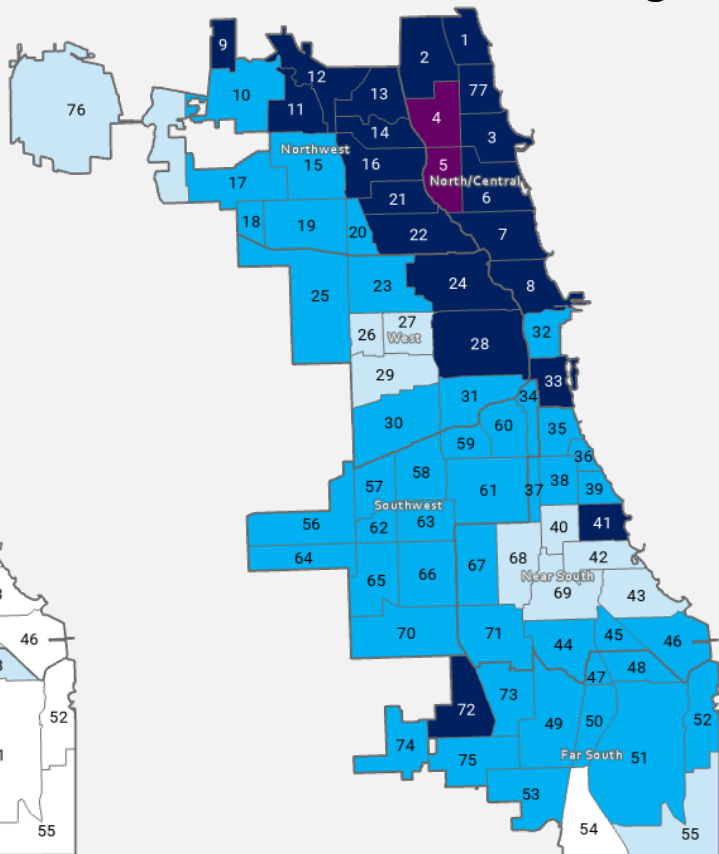
In most community areas, less than 10% of people are up to date on their **COVID-19** vaccines. Coverage is lowest on the South and West sides and higher on the North side.

In most community areas, 15% or more of people are updated on their **influenza** vaccine, but similar geographic disparities exist. Coverage is lowest on the South and West side, and higher on the North side.

COVID-19 Vaccine Coverage



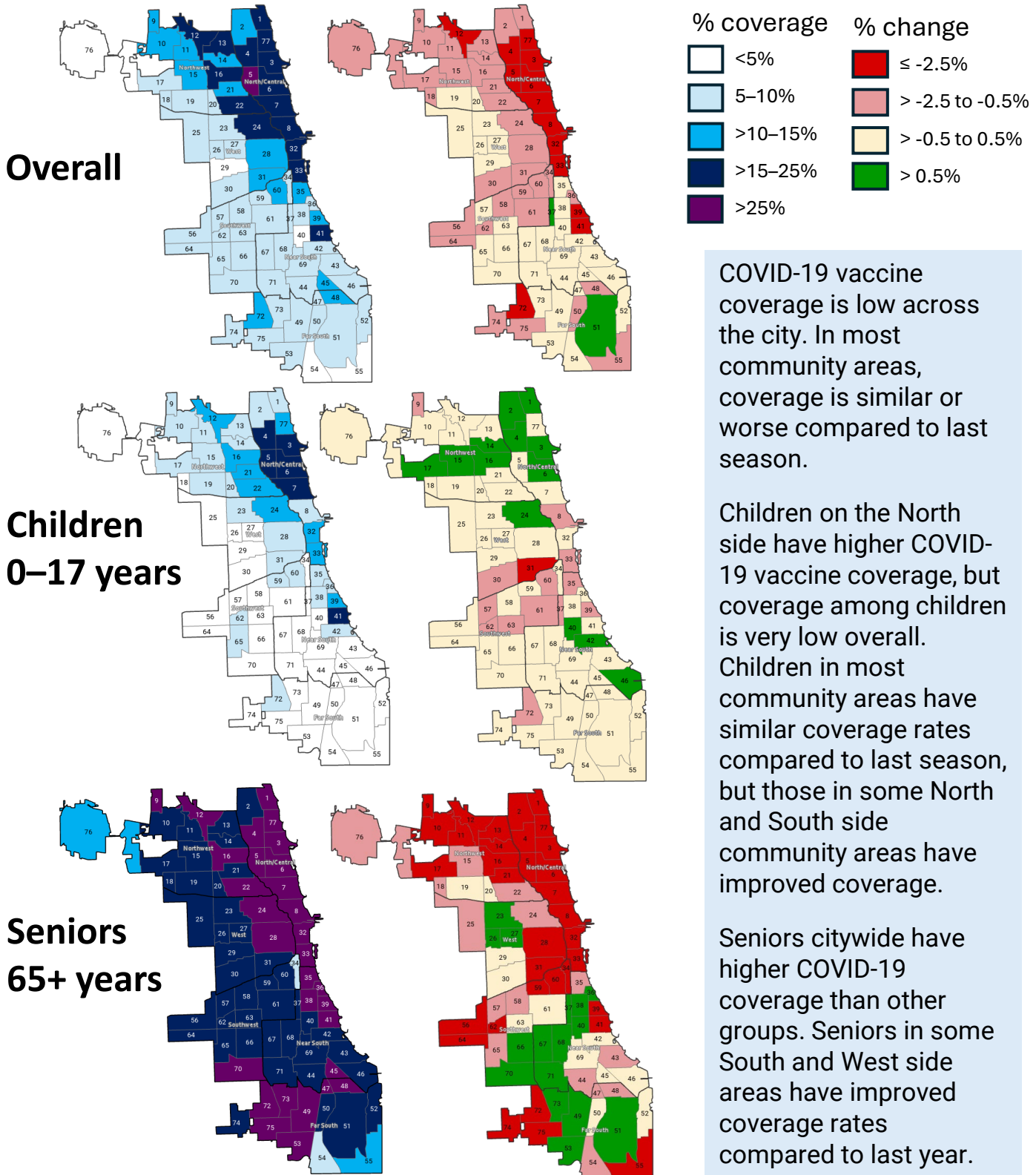
Influenza Vaccine Coverage



Community Areas

- | | | | | |
|--------------------|------------------------|---------------------|--------------------|----------------------------|
| 1. Rogers Park | 17. Dunning | 33. Near South Side | 49. Roseland | 65. West Lawn |
| 2. West Ridge | 18. Montclare | 34. Armour Square | 50. Pullman | 66. Chicago Lawn |
| 3. Uptown | 19. Belmont Cragin | 35. Douglas | 51. South Deering | 67. West Englewood |
| 4. Lincoln Square | 20. Hermosa | 36. Oakland | 52. East Side | 68. Englewood |
| 5. North Center | 21. Avondale | 37. Fuller Park | 53. West Pullman | 69. Greater Grand Crossing |
| 6. Lake View | 22. Logan Square | 38. Grand Boulevard | 54. Riverdale | 70. Ashburn |
| 7. Lincoln Park | 23. Humboldt Park | 39. Kenwood | 55. Hegewisch | 71. Auburn Gresham |
| 8. Near North Side | 24. West Town | 40. Washington Park | 56. Garfield Ridge | 72. Beverly |
| 9. Edison Park | 25. Austin | 41. Hyde Park | 57. Archer Heights | 73. Washington Heights |
| 10. Norwood Park | 26. West Garfield Park | 42. Woodlawn | 58. Brighton Park | 74. Mount Greenwood |
| 11. Jefferson Park | 27. East Garfield Park | 43. South Shore | 59. McKinley Park | 75. Morgan Park |
| 12. Forest Glen | 28. Near West Side | 44. Chatham | 60. Bridgeport | 76. O'Hare |
| 13. North Park | 29. North Lawndale | 45. Avalon Park | 61. New City | 77. Edgewater |
| 14. Albany Park | 30. South Lawndale | 46. South Chicago | 62. West Elsdon | |
| 15. Portage Park | 31. Lower West Side | 47. Burnside | 63. Gage Park | |
| 16. Irving Park | 32. Loop | 48. Calumet Heights | 64. Clearing | |

COVID-19 Vaccine Coverage by Community Area: Current coverage and % change from 2023-24

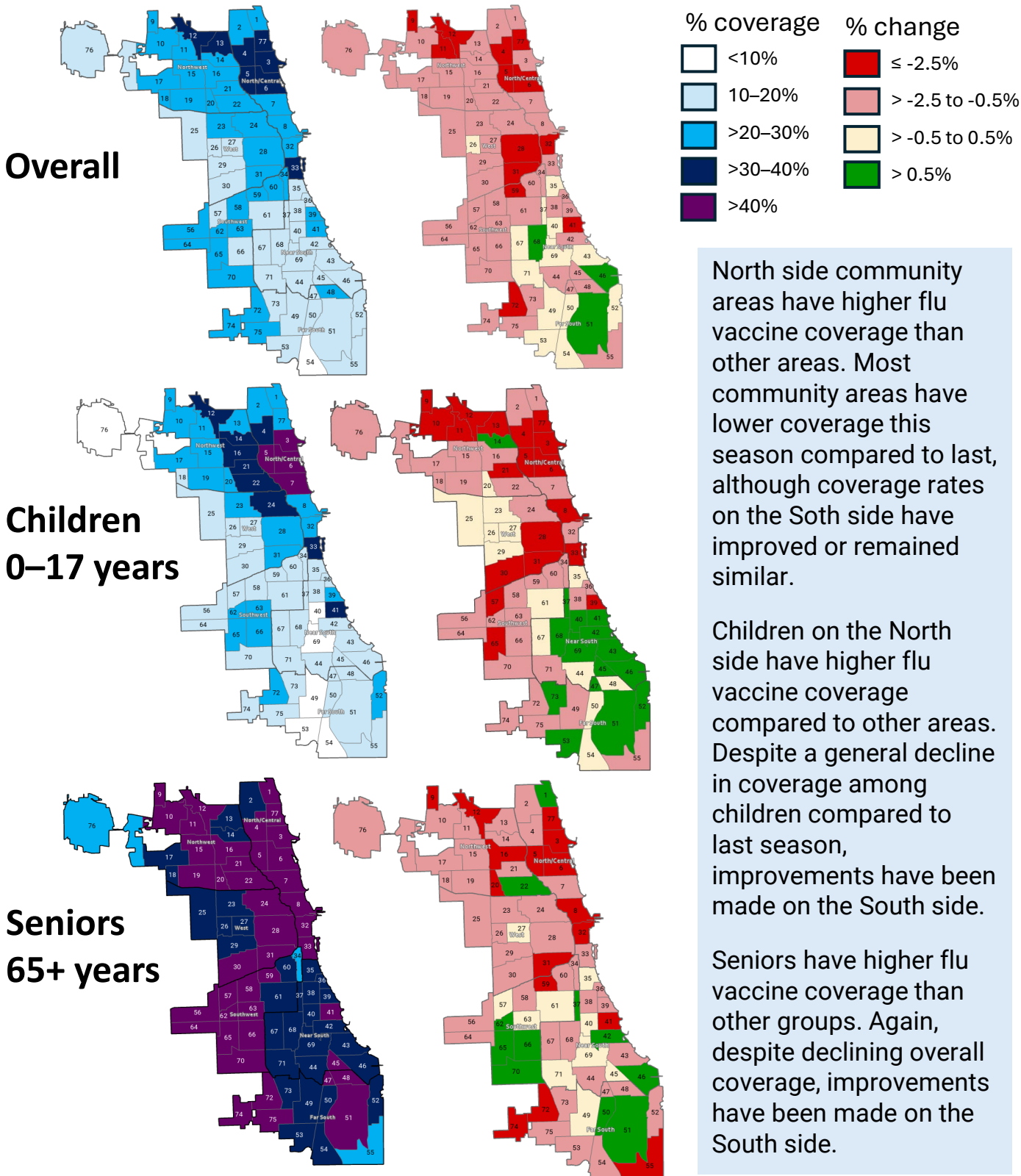


COVID-19 vaccine coverage is low across the city. In most community areas, coverage is similar or worse compared to last season.

Children on the North side have higher COVID-19 vaccine coverage, but coverage among children is very low overall. Children in most community areas have similar coverage rates compared to last season, but those in some North and South side community areas have improved coverage.

Seniors citywide have higher COVID-19 coverage than other groups. Seniors in some South and West side areas have improved coverage rates compared to last year.

Influenza Vaccine Coverage by Community Area: Current coverage and % change from 2023-24



North side community areas have higher flu vaccine coverage than other areas. Most community areas have lower coverage this season compared to last, although coverage rates on the South side have improved or remained similar.

Children on the North side have higher flu vaccine coverage compared to other areas. Despite a general decline in coverage among children compared to last season, improvements have been made on the South side.

Seniors have higher flu vaccine coverage than other groups. Again, despite declining overall coverage, improvements have been made on the South side.

About the data:

Flu vaccinations summarized in this report are doses administered during 6/30/2024–12/28/2024 that were recorded in the [Illinois Comprehensive Automated Immunization Registry Exchange \(I-CARE\)](#), a statewide application used to document and share immunization records. COVID-19 vaccinations in this report are doses administered during 8/22/2024–12/28/2024 that were recorded in I-CARE.

I-CARE includes doses administered in Illinois and limited doses administered outside of Illinois. Not all vaccinations may be recorded in I-CARE which may result in an underestimation of the percent of Chicagoans who have been vaccinated. Population denominators are from the U.S. Census Bureau 2020 decennial census.

For a more detailed description of the data used and for updated weekly coverage estimates see the CDPH [Flu Vaccine Dashboard](#) and [COVID-19 Vaccine Dashboard](#).

Illinois statewide flu and COVID-19 coverage estimates using I-CARE data can be found on IDPH dashboards: [IDPH Flu Vaccine Dashboard](#) and [IDPH COVID-19 Vaccine Dashboard](#).

For weekly updates on viral respiratory illness activity in Chicago see the CDPH [Respiratory Illness Dashboard](#).

