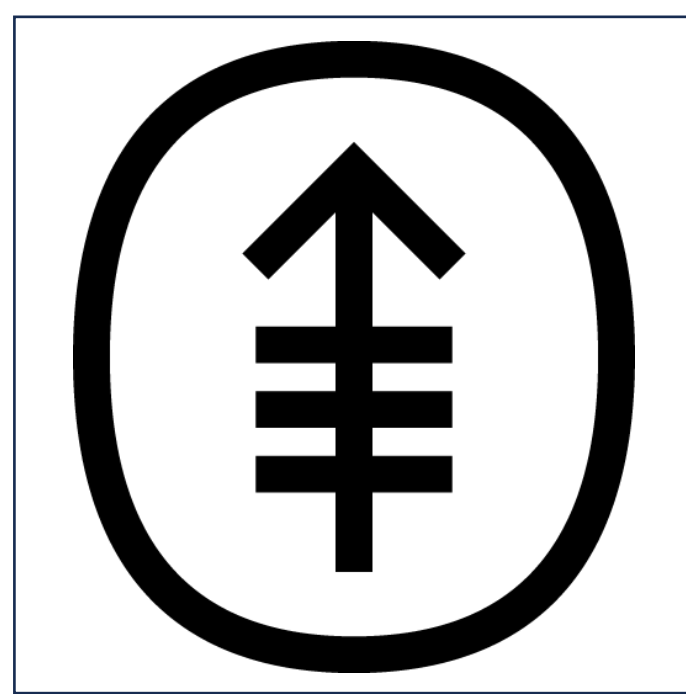
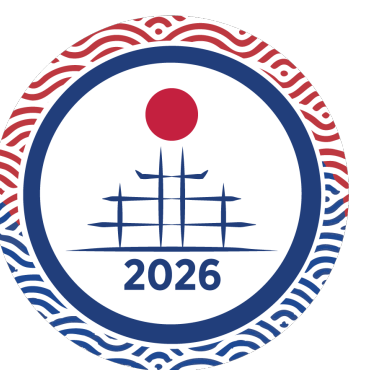




# P1.072: Healthcare Utilization and Lung Cancer Screening in the United States: Can Pharmacies Be the Bridge?

N. Zhou, B. Bready, K.S. Panageas, F.M. Gany, J.S. Ostroff, B.J. Park, A.P. Chidi  
Memorial Sloan Kettering Cancer Center, New York/NY/USA  
**Correspondence:** [chidia1@mskcc.org](mailto:chidia1@mskcc.org)



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## INTRODUCTION

- <20% of eligible people complete lung cancer screening (LCS) in the US each year despite high primary care utilization
- Few scalable, community-based interventions to increase LCS uptake
- **Aim:** Among adults eligible for LCS, identify commonly used community sites which could be leveraged for LCS outreach & referral

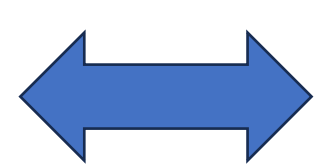
## METHODS

**Design:** Cross-sectional analysis of 2024 National Health Interview Survey

**Patients:** Age 50-80, 20+ pack-year smoking, smoking within 15 years

### Primary Analysis

Healthcare  
Utilization



LCS Uptake

Prescription use: Any prescription medication use in past 12 months

### Statistical Methods

Survey-weighted multivariable logistic regression, adjusted for sociodemographic factors

## DISCUSSION AND CONCLUSION

### Actionable Take Away Message

- LCS-eligible patients frequently use prescriptions, flu vaccinations, even without a usual source of medical care
- <15% of all prescriptions obtained at mail-in pharmacies
- **Pharmacies may be promising community sites for LCS education and referral in the US**

### Future Direction for Research

- In-depth interviews with pharmacists & patient advocates, GIS analysis: pharmacy-based LCS outreach is acceptable & feasible
- Prospective trial designed to evaluate pharmacy-based LCS outreach at several sites in New York (WCLC poster **P2.362**)

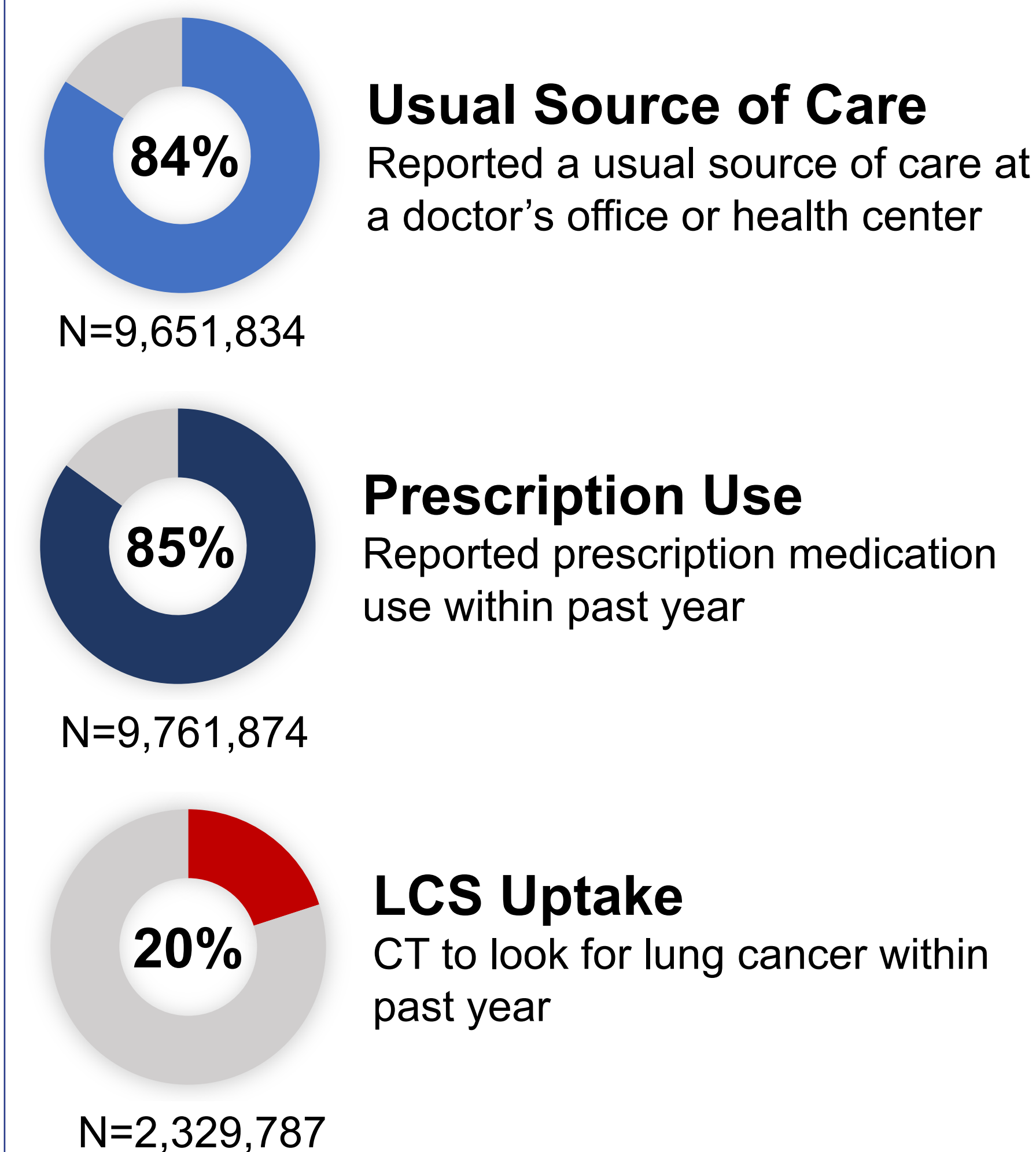
## ACKNOWLEDGEMENTS

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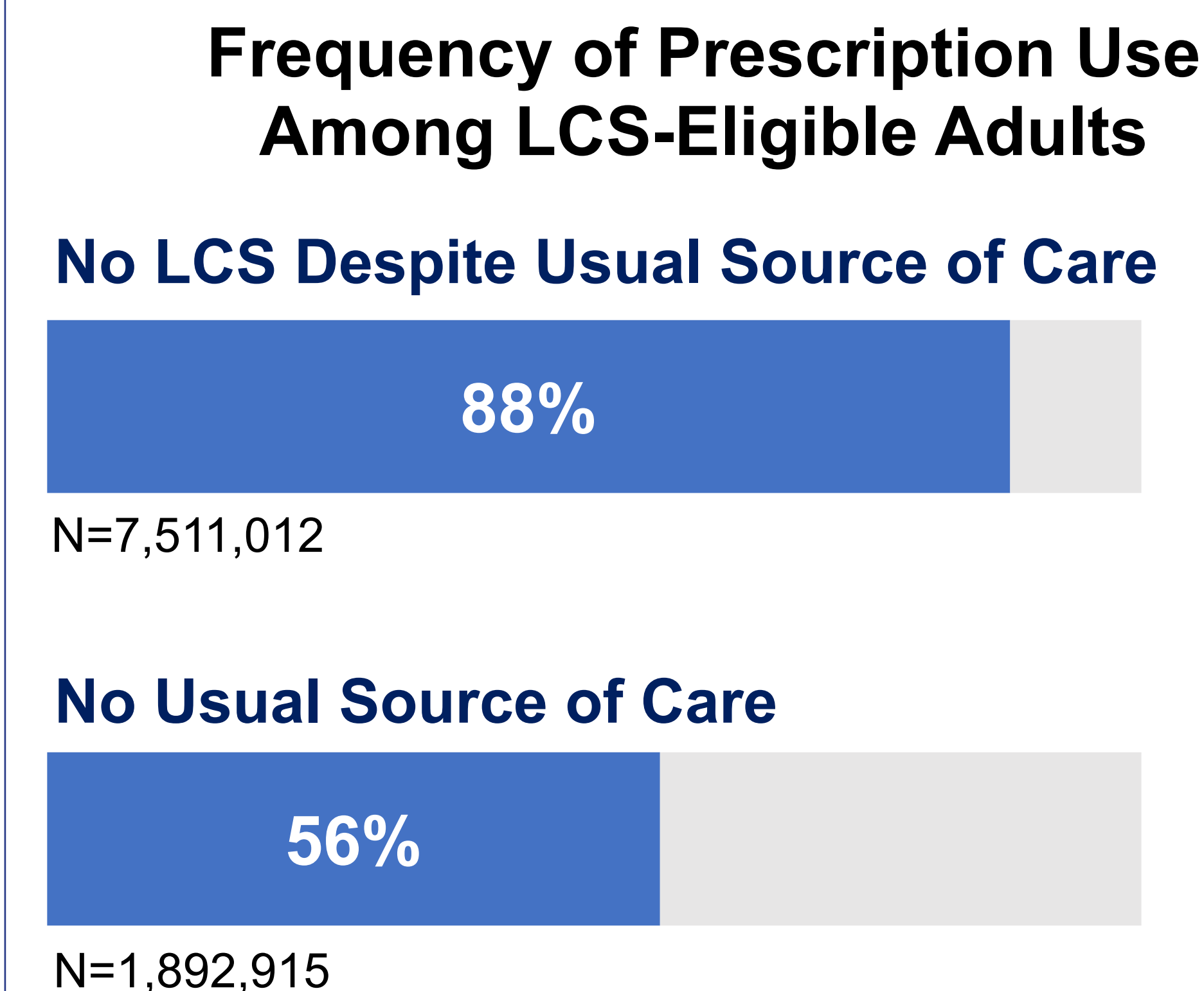
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**Artificial Intelligence (AI) Use Disclaimer**  
ChatGPT (OpenAI) was used to generate figures used in this presentation.

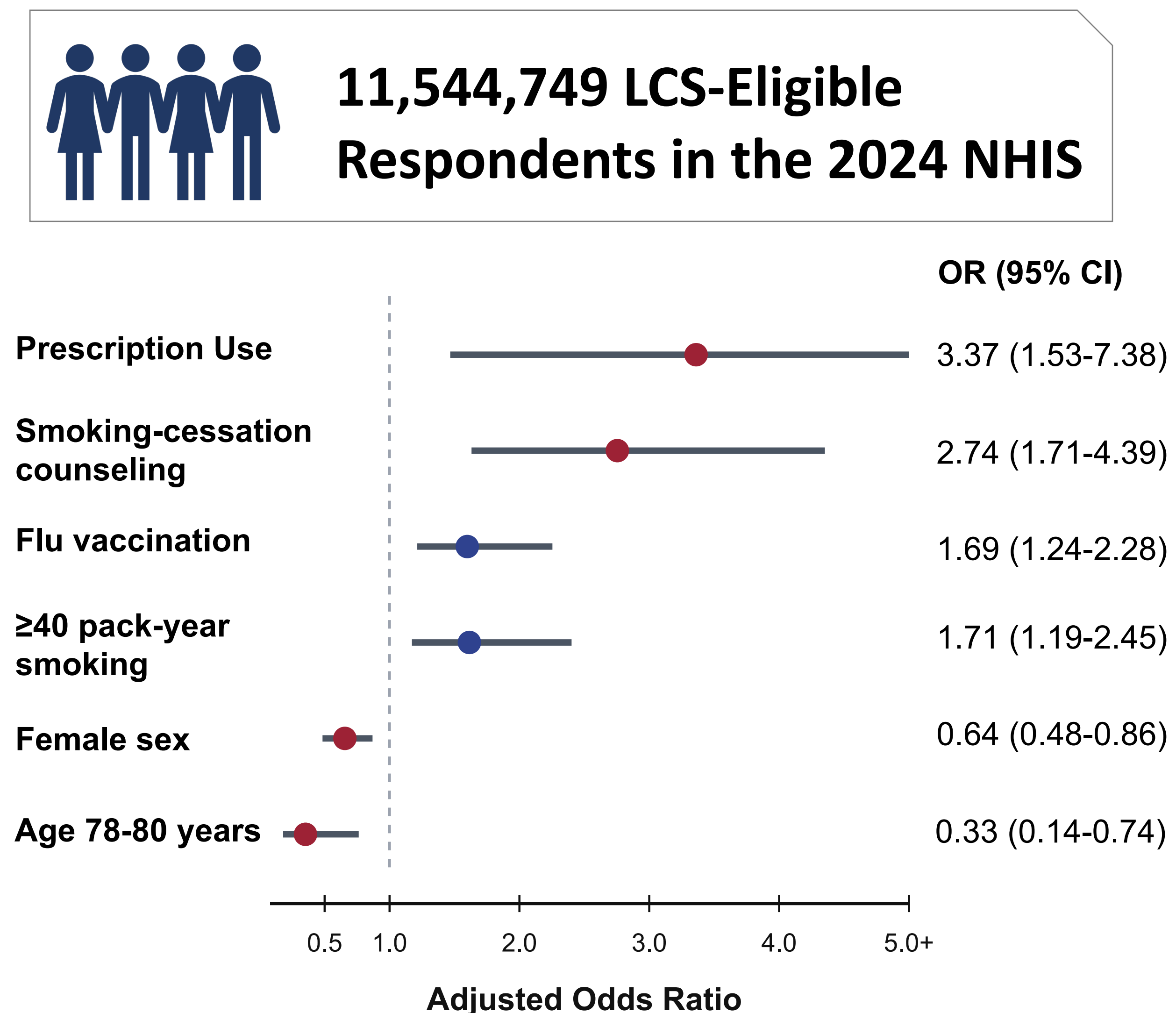
## RESULTS



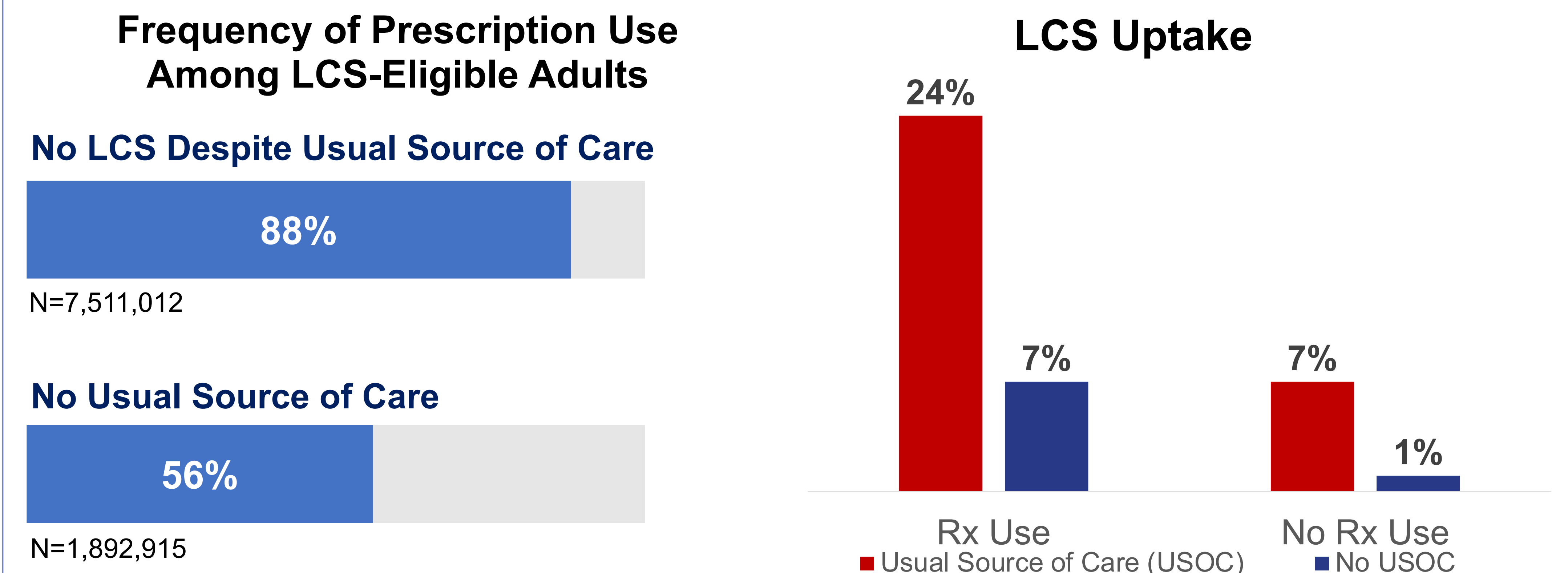
**Figure 1. LCS-Eligible Adults Access Pharmacies As Often As Doctor's Offices/Health Centers**



**Figure 3. High Rates Of Prescription Use Among Hard-To-Reach LCS-Eligible Adults**



**Figure 2. Factors Associated with LCS Uptake in USPSTF-Eligible Adults, 2024**



**Figure 4. Prescription Use Associated With Higher LCS Uptake Regardless of Usual Source Of Care**