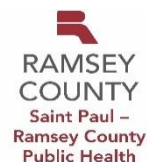


Ramsey County Multi-Unit Housing Resident Survey on Smoke-Free Housing Policies 2019-2020

Compiled by
Live Smoke Free (a program of the Association for Nonsmokers MN)

Saint Paul - Ramsey County Public Health (SPRCPH)
February 2020



ACKNOWLEDGEMENT

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808 Berry/Dominium Management

Como Park Apartments/ KMS Management

Pond View Apartments/ Times Ventures Corporation

Sibley Court Apartments/ Sherman Associates (now OAHS Affordable Housing)

Straus Lofts/ Sherman Associates

Maple Pond Homes/ MBG Property Management

Silas Pointe Apartments/ MBG Property Management

Carleton Artist Lofts/ Arcadia Management

Liberty Plaza Townhomes/ Twin Cities Housing Development Corporation

St. Philips/ Twin Cities Housing Development Corporation

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EXECUTIVE SUMMARY

This resident survey was conducted from 02/04/2019 to 10/23/2019 to learn about smoking in apartments in Ramsey County. Specifically, what residents think about secondhand smoke and what they think about smoke-free building policies for the property where they live and for properties throughout the County.

The survey was administered in two types of multi-unit housing properties throughout Ramsey County: those with a smoke-free policy and those without a smoke-free policy. Surveys were administered in English only. Both survey structures included questions on:

- Basic demographics
- Frequency of secondhand smoke exposure

For smoke-free properties, key questions included:

- Any smoking behavior changes as a result of or following a smoke-free policy
- Knowledge of their building's policy details
- Support for a broader citywide policy

For smoking-permitted properties, key questions included:

- Whether residents permitted smoking in their units
- Knowledge of their building's rules about smoking
- Support for a building smoke-free policy
- Support for a broader citywide policy

A total of **1,482** surveys were distributed and **518** were returned representing a **35%** return rate. This is an above average return rate for this type of survey. 33% (240) of the respondents were from a smoke-free property and 37% (278) of the respondents were from a smoking-permitted property. N=518 unless stated otherwise. Individual return rates were as follows:

Smoke-free properties: **37%** return rate

| Property | Return Rate (%) |
|----------------|-----------------|
| Como Park | 46% |
| Pond View | 36% |
| Sibley Court | 30% |
| Straus Lofts | 51% |
| Carleton Lofts | 29% |

Smoking-permitted properties: **33%** return rate

| Property | Return Rate (%) |
|------------------|-----------------|
| 808 Berry | 30% |
| Maple Pond Homes | 35% |
| Silas Pointe | 39% |
| Liberty at Plaza | 36% |
| St. Phillips | 17% |

KEY FINDINGS

- A vast majority of all respondents don't allow smoking in their units including 97 percent in smoke-free properties and 86 percent in smoking-permitted properties. This includes the use of cigarettes, cigars, cigarillos, water or regular pipes, hookahs and bidis.
- Almost all respondents (92%) do not allow vaping in their apartments.
- Almost half of respondents are exposed to secondhand smoke every day, a few times a year, a few times a month, or a few times a week. This includes 46 percent in smoke-free properties and 47 percent in smoking-permitted properties.
- Negative health impacts from secondhand smoke exposure were reported by 27 respondents.
- Respondents with lower incomes or who identified as people of color were over represented in smoking-permitted properties.
- A majority of respondents surveyed (79%) support a smoke-free property-wide policy for their smoking-permitted property.
- The vast majority of all respondents indicated that they would support a citywide policy requiring property owners to disclose what their smoking policy is prior to a new resident signing a lease (including 96 percent in smoke-free properties and 86 percent in smoking-permitted properties)
- The majority of all respondents indicated that they would support a citywide ordinance requiring all multi-unit housing to be smoke free. This includes 84 percent in smoke-free properties and 72 percent in smoking-permitted properties.

BACKGROUND

The City of Saint Paul and Ramsey County have been leaders in trying to reduce the harms caused by tobacco. They were among the first in the state to make their own work places smoke free and then passed ordinances making bars and restaurants smoke free. They have proactively worked to prevent youth from starting to smoke by getting rid of tobacco vending machines, restricting the sale of fruit and candy flavored tobacco products, and limiting some advertising. Ramsey County was one of the first counties to mandate that foster care homes be smoke free. In Fall 2018, Saint Paul - Ramsey County Public Health (SPRCPH) and the Association for Non-Smokers Minnesota's Live Smoke Free (LSF) program began reaching out to select multi-unit properties within the county (both smoke free and smoking permitted) asking to survey property managers and residents on the topic of smoke-free housing. The goal of the resident survey was to learn about smoking in apartments, what residents think about secondhand smoke and what they think about a smoke-free policy for the building where they live and for properties citywide.

SCOPE OF THE ISSUE

Secondhand smoke exposure is a leading cause of preventable disease and death in the United States. Secondhand smoke, classified by the Environmental Protection Agency as a Group A carcinogen, contains more than 7,000 chemicals.¹ Over 58 million nonsmoking Americans are exposed to secondhand smoke, with smoke exposure contributing to approximately 41,000 deaths among nonsmoking adults and 400 deaths of infants each year.² Since the 1964 Surgeon General's Report, 2.5 million adults who were nonsmokers died due to health complications caused or exacerbated by exposure to secondhand smoke.¹ Secondhand smoke causes stroke, asthma, lung cancer, and coronary heart disease in adults. Children who are exposed to secondhand smoke are at increased risk for sudden infant death syndrome, acute respiratory infections, middle ear disease, more severe asthma, respiratory symptoms, and slowed lung growth.² One quarter of US residents- approximately 79 million people- live in multi-unit properties. Although the majority of people do not allow smoking in their homes, 36 percent are regularly exposed to secondhand smoke.³ Secondhand smoke travels easily from unit-to-unit within multi-unit housing and the home is the predominant location for the exposure of children and adults to secondhand smoke.⁶ Prohibiting smoking indoors is the only way to eliminate secondhand smoke from the indoor environment. Ventilation and filtration techniques can reduce, but not eliminate, secondhand smoke exposure.⁷

RAMSEY COUNTY PROFILE

Ramsey County is the county seat and capital city of Minnesota located in the Twin Cities metropolitan area. With a population of 540,649 as of July 1, 2016, it is the most fully-developed and densely populated county in the state, as well as one of the most diverse. About 56 percent of county residents reside in Saint Paul. The suburban area includes communities that range in size from Gem Lake (500 people) to Maplewood (40,000 people). The largest minority populations are Asians (13 percent) and African American (11.1 percent). About 7.3 percent of residents have a Hispanic or Latino ethnic background. 21.9 percent of residents' ages five years and older live in homes where a language other than English is spoken.⁴ Ramsey County is estimated to contain 220,680 housing units, 59.3% of which are owner occupied.⁵

METHODOLOGY

Staff from the Live Smoke Free program and Saint Paul - Ramsey County Public Health met in December 2018 to determine criteria for whom to survey and to refine survey questions. Live Smoke Free maintains a comprehensive list of multi-unit properties in Ramsey County which includes information about their smoking policies, number of units and if available, the number of residents residing in those properties. A map was created to visualize the geographic distribution of multi-unit properties with a smoke-free policy and those without a smoke-free policy throughout Ramsey County. The project team then prioritized 30 multi-unit properties based on their geographic distribution, smoking policy type, housing type (market rate versus subsidized), and building size to provide the best representation of the county and then narrowed the selection to ten. The property managers of the ten properties were contacted to solicit their interest in participating in the survey process. Property managers distributed paper

copies of the survey with instructions for completion to all households (one survey per unit). Residents received written instructions to return completed surveys in a sealed envelope to the on-site manager or management office at which time they would receive a \$10 gift card. Property managers received a \$50 gift card for their role in survey dissemination and collection. Decisions regarding timeframe for survey distribution and collection were left to property managers and what they felt was the best timeline to achieve the highest return rate. Paper survey results were compiled by ANSR and entered into Google Form. Aggregate survey data were analyzed by Saint Paul - Ramsey County Public Health.

HIGHLIGHTS FROM OVERALL SURVEY

Respondent demographics

Age of respondents surveyed

- The largest age group surveyed were between the ages of 26-55

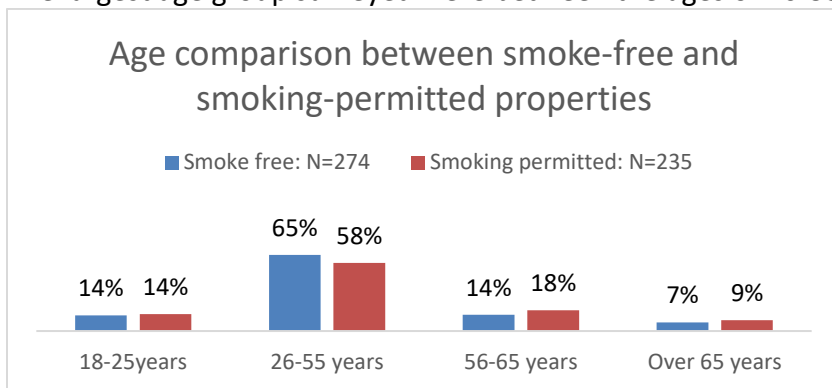


Figure 1: Shows the demographics of survey respondents by age

Children under 18 living in respondent's apartment

- Slightly more children lived in smoking-permitted properties than smoke free

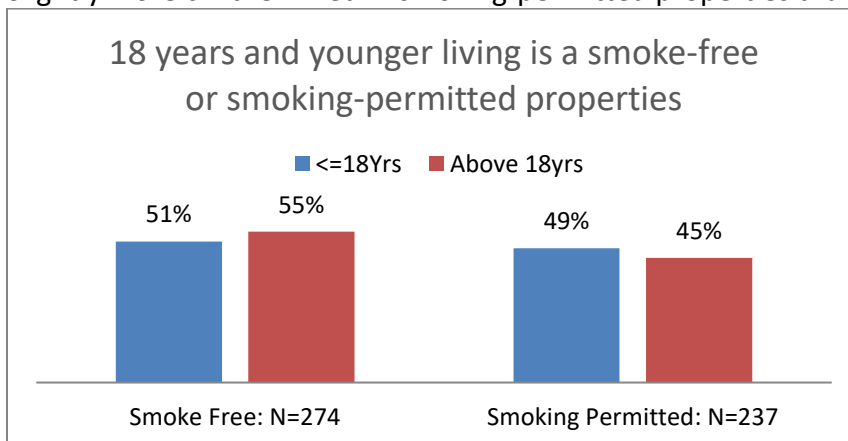


Figure 2: Relationship between TYPE of Property (smoke free vs. smoking permitted) and minors

Adults over 65 living in respondent's apartment

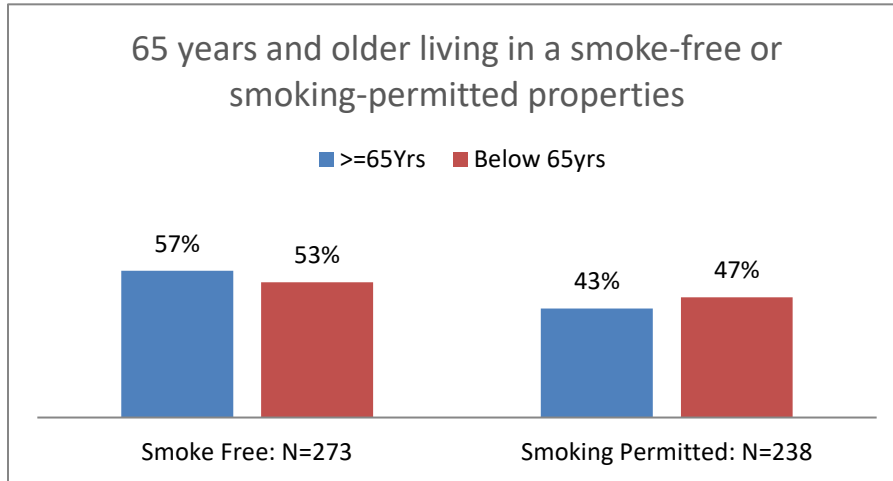


Figure 3: Relationship between TYPE of Property (smoke free vs. smoking permitted) and seniors

Respondent identified race/ethnicity

- More respondents who identified as White reside in smoke-free properties (65%) compared to other races
- More respondents who identified as Black or African American reside in smoking-permitted properties (48%) compared to other races

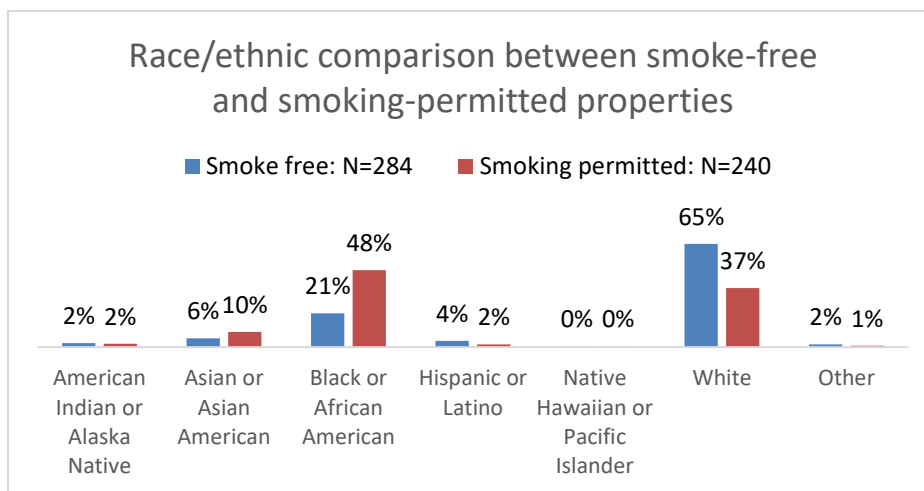


Figure 4: Shows the demographics of survey respondents by race

Respondent identified income

- Respondents with lower incomes are over represented in smoking-permitted properties.

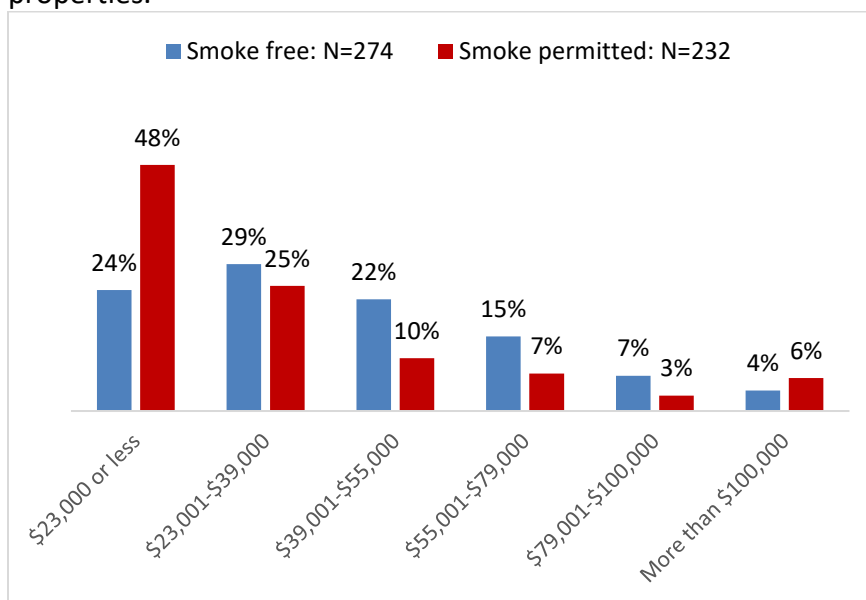


Figure 5: Relationship between TYPE of Property (smoke-free vs. smoking-permitted), housing type (subsidized vs market rate), and income

Smoking rules set by respondents for their own home

- 99 percent of respondents in smoke-free properties don't allow smoking anywhere inside their unit
- 96 percent of respondents in smoking-permitted properties don't allow smoking in some or all places in their unit



Figure 6: Smoking rules inside individual unit

Use of tobacco products

Respondent use of tobacco products

- The majority of respondents don't smoke (regardless of the property's smoking policy)
- Respondents report a higher smoking rate for properties that allow smoking than don't allow smoking

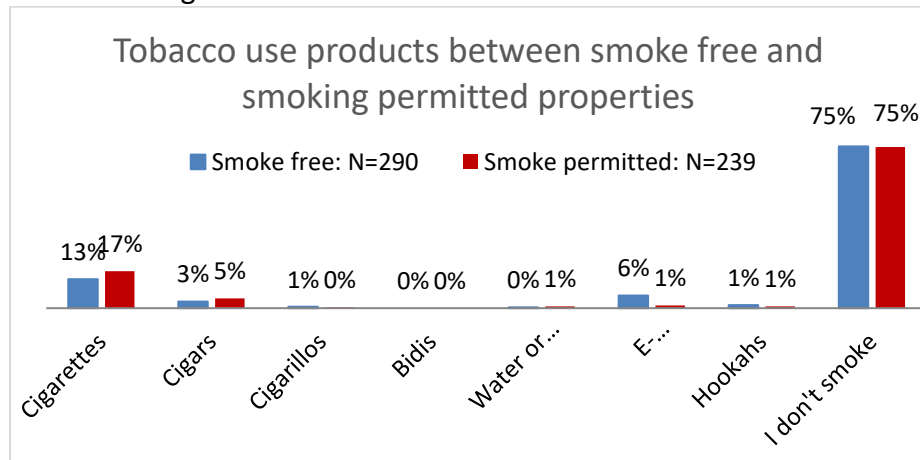


Figure 7: Respondent use of tobacco products in their individual unit in the last 12 months

Smoke-free housing as an amenity

Respondent top amenity considerations when searching for future housing

- Respondents in both smoke-free and smoking-permitted properties ranked having a smoke-free policy in their top three considerations when choosing a place to live.

| Categories | Smoke free | Smoking permitted |
|-----------------------------|------------|-------------------|
| Housing cost | 97% | 96% |
| Proximity to work or school | 85% | 79% |
| Smoke free policy | 68% | 64% |
| Transportation | 66% | 75% |
| Good school district | 35% | 42% |

Table 1: Top considerations from respondents in both smoke-free and smoking-permitted properties

Exposure to secondhand smoke

Respondent exposure to secondhand smoke in their own unit

- In smoking-permitted properties, **almost half** of respondents are exposed to secondhand smoke every day, a few times a year, or a few times a month

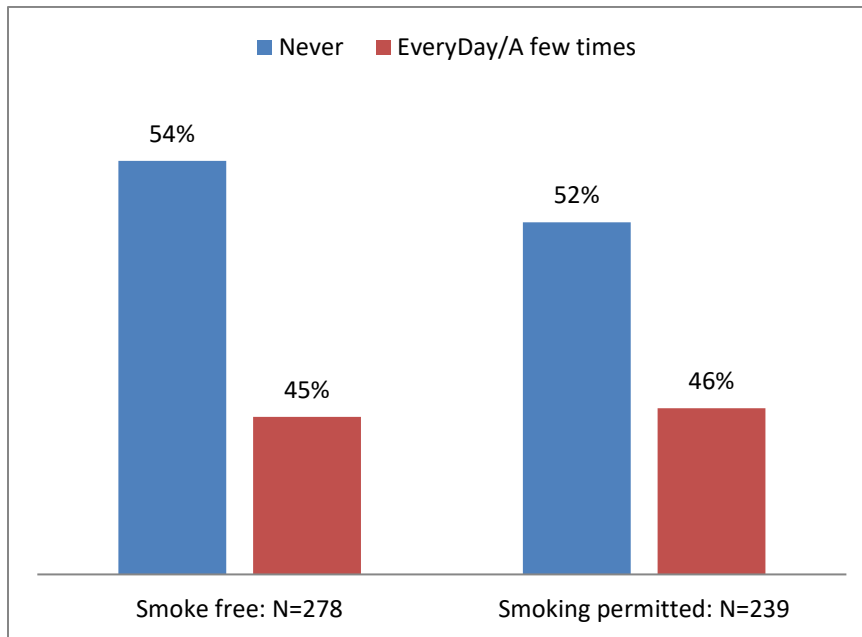


Figure 8: Secondhand exposure in unit

Health problems due to secondhand smoke exposure

- A total of 27 respondents indicated having experienced health problems due to secondhand smoke exposure. Reported health problems include:
 - Asthma that is worsened by smoke
 - Difficulty breathing
 - Cancer
 - Mild allergies and irritations
 - Headaches and nausea

Respondents who reported secondhand smoke exposure to their manager

- 13 percent of respondents in smoke-free properties reported smelling secondhand smoke to their manager
- 10 percent of respondents in smoking-permitted properties reported smelling secondhand smoke to their manager

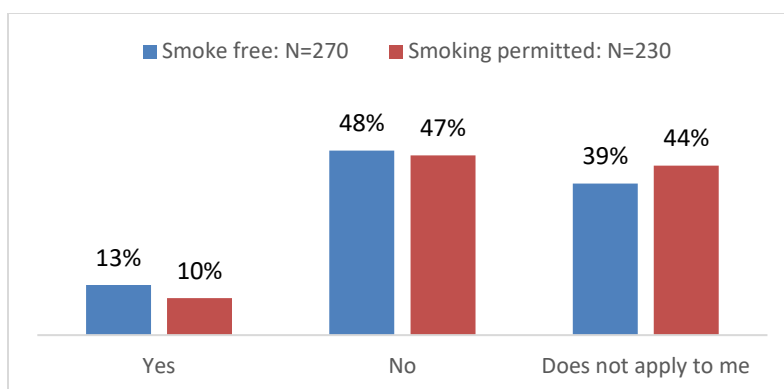


Figure 9: Reported secondhand smoke exposure to manager

Knowledge of current smoking rules and enforcement of rules

Smoking rules made by the property manager/management company

- There was confusion among respondents in both smoke-free and smoking-permitted properties about the policy details for the property. Respondents reported either not knowing the rules or being confused by the rules.

Smoke Free: N= 276; Smoking Permitted: N=237

| Categories | Smoke free | Smoking permitted | Smoke free | Smoking permitted |
|--|------------|-------------------|------------|-------------------|
| Smoking is not permitted in any shared areas inside my building (e.g . Laundry rooms, hallways, stairwells, etc. | 89% | 53% | 245 | 125 |
| Smoking is not permitted inside any individual apartment unit | 74% | 20% | 205 | 47 |
| Smoking is not permitted in the entrance area outside the building | 46% | 18% | 126 | 43 |
| Smoking is not permitted anywhere outdoors | 7% | 4% | 19 | 9 |
| Smoking is permitted anywhere on the property | 4% | 4% | 10 | 10 |
| Smoking is permitted in individual apartments but not in shared areas like laundry rooms or hallways | 4% | 24% | 10 | 57 |
| Smoking is permitted in some outdoors areas | 50% | 21% | 139 | 50 |
| Don't know/not sure | 8% | 33% | 21 | 78 |

Table 2: Knowledge of smoking rules made by the property manager/management company

Management's enforcement of the smoke-free policy (in properties with a smoke-free policy) N= 272

- Respondents indicated that the manager enforces the smoke-free policy in the following ways:

| Categories | Smoke Free # | Smoke Free % |
|---------------------------------------|--------------|--------------|
| Verbal warning | 44 | 16% |
| Written warning | 89 | 33% |
| Eviction | 40 | 15% |
| Don't know | 195 | 72% |
| Fine | 13 | 5% |
| My manager doesn't enforce the policy | 5 | 2% |
| N= 272 | | |

Table 3: Enforcement of the policy in smoke-free properties

Perception of smoking violation or complaint follow up

- In smoke-free properties;
 - 69 percent of respondents who reported secondhand smoke concerns (including a few who didn't indicate exposure) indicated that their property manager responded to complaints always or most of the time
 - 17 percent of respondents who didn't report secondhand smoke concerns indicated that the manager responded to complaints always or most of the time

Reasons for not reporting smoking complaints to manager

- Respondent reasons for not reporting the smelling of smoke in smoke-free properties included:
 - Not sure which unit coming from
 - Only from people smoking outside my window
 - Because all that my landlord can do is issue reminders about No Smoking Rules
 - To avoid conflict
 - Fear that I may be harmed
- Respondent reasons for not reporting the smelling of smoke in smoking-permitted properties included:
 - Don't knowing the process or don't know where to report to
 - Lazy to report
 - Smoking is allowed
 - Don't care, nothing will be done
 - It's outside and coming in through the window

Property smoke-free policy support (respondents living in smoking-permitted properties)

Respondent support for a smoke-free policy in their building

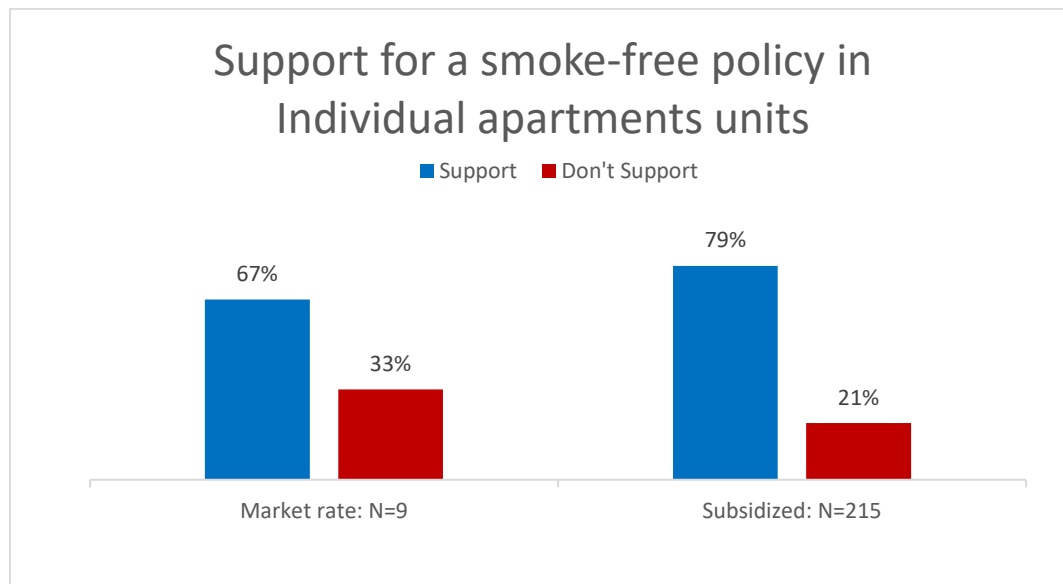


Figure 10: Support for a smoke-free property policy

Citywide smoking disclosure policy support (requiring all properties to disclose their smoking policy to prospective residents)

Support for citywide disclosure policy by property smoking policy type

- Out of 477 respondents 96 percent in smoke-free and 85 percent in smoking-permitted properties indicated that they would support a citywide policy requiring property owners to disclose the smoking policy to renters before they sign the lease

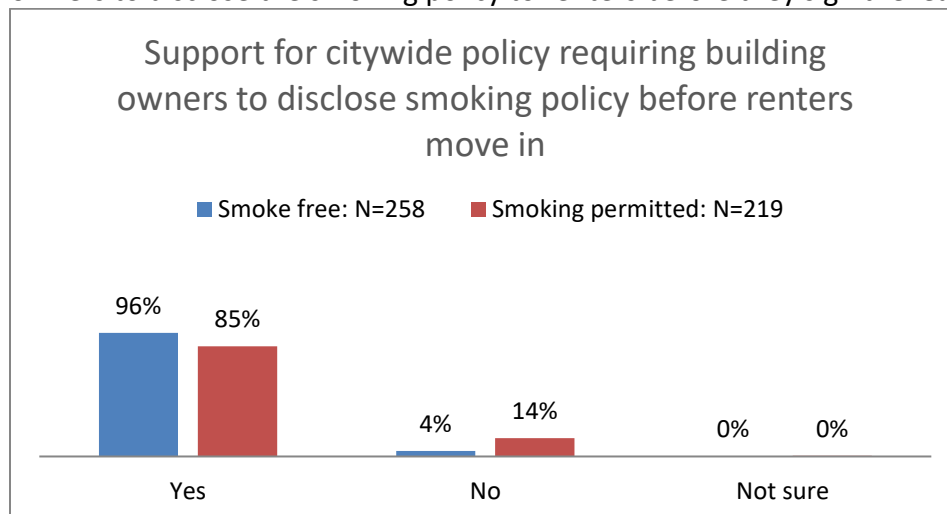


Figure 11: Support for a citywide disclosure policy of buildings

Support for citywide disclosure policy in subsidized properties

- **94** percent of respondents from subsidized smoke-free properties and **85** percent of respondents from subsidized smoking-permitted properties indicated they would support a city-wide policy requiring building owners to disclose the smoking policy to renters before they sign the lease

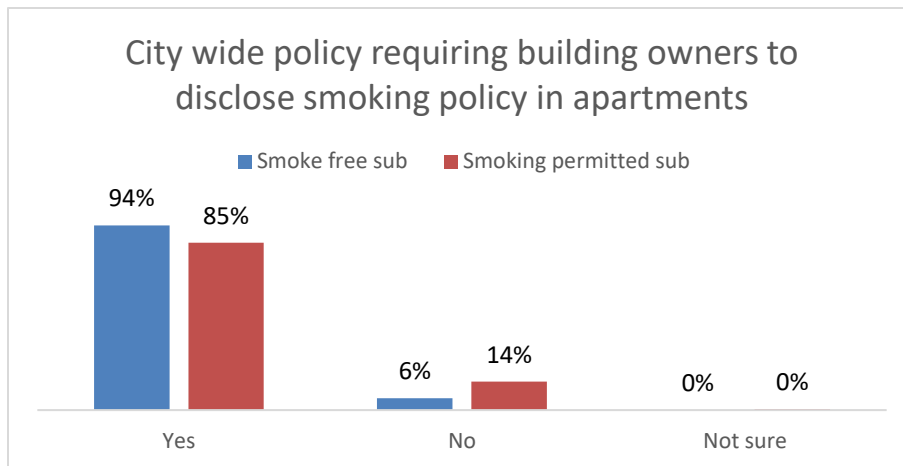


Figure 12: Support for policy disclosure in subsidized apartments

Support for citywide disclosure policy in market rate properties

- **99** percent of respondents from market rate, smoke-free properties indicated they would support a city-wide policy requiring building owners to disclose the smoking policy to renters before they sign the lease
- **75** percent of respondents from market rate, smoking-permitted properties indicated they would support a city-wide policy requiring building owners to disclose the smoking policy to renters before they sign the lease

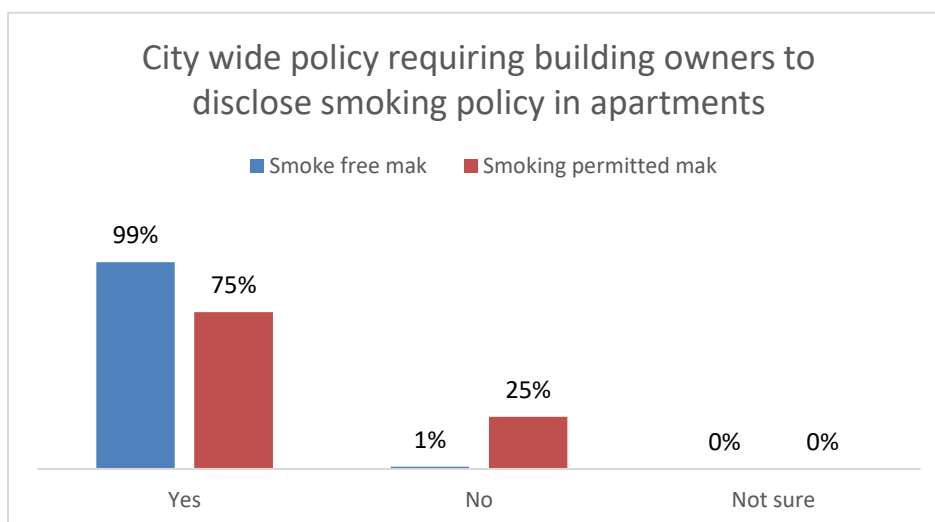


Figure 13: Support for policy disclosure in market rate apartments

Citywide ordinance support (requiring all multi-unit housing to be smoke free)

Citywide smoke-free housing ordinance support- ALL RESPONDENTS

- 84 percent in smoke-free and 72 percent in smoking-permitted properties would support a citywide smoke-free housing policy or ordinance.

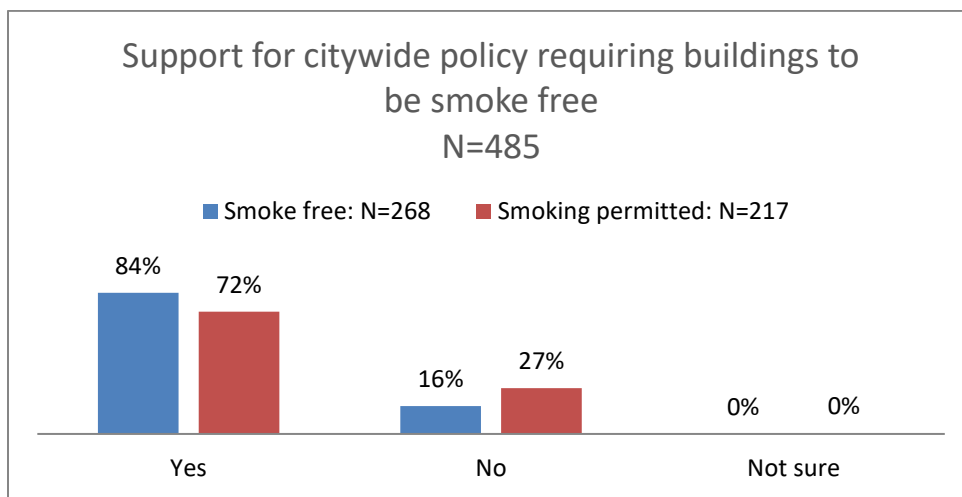


Figure 14: Support for citywide smoke-free ordinance all respondents

Citywide smoke-free housing ordinance support by income

- The lower the income the higher the support for a citywide policy or ordinance requiring apartment buildings to be smoke free

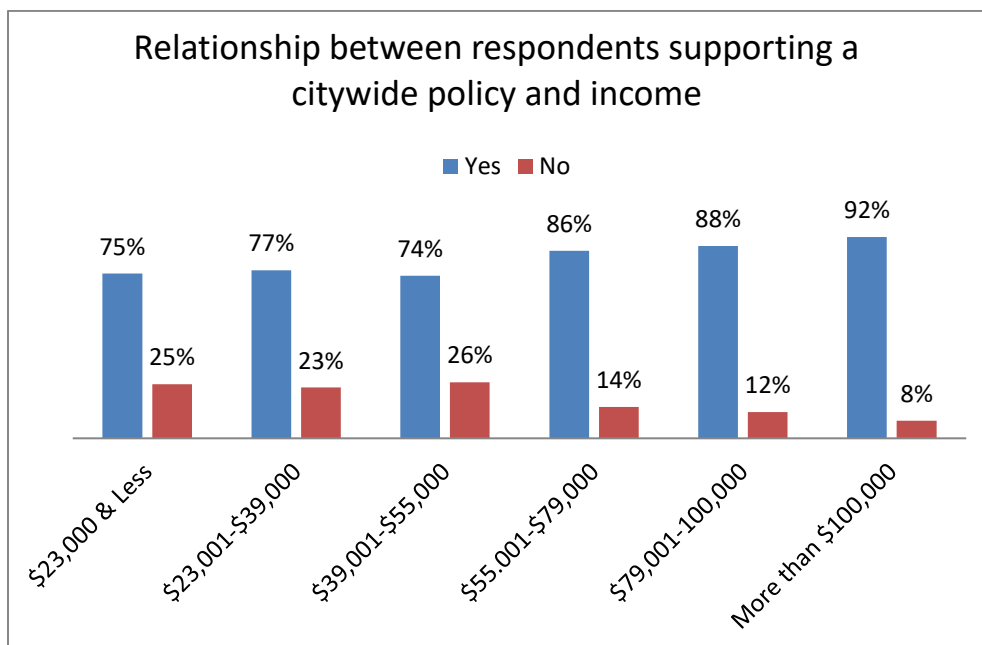


Figure 15: Support for a citywide smoke-free ordinance by income

Citywide smoke-free housing ordinance support by presence of children in home

- Of the respondents who indicated that there are children 18 years or younger living in their apartments, **79 percent** living in smoke-free properties would support an ordinance and **78 percent** in smoking-permitted apartments would support an ordinance

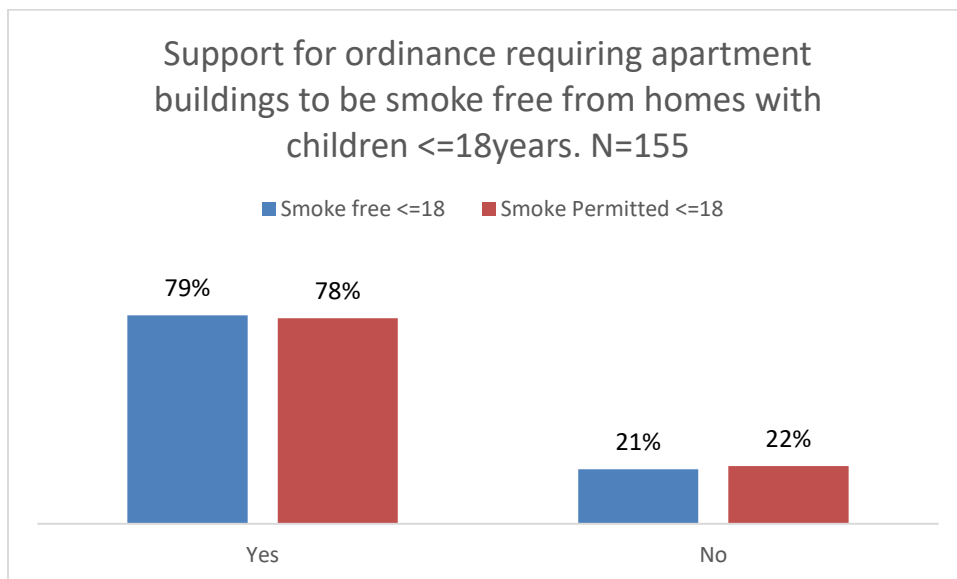


Figure 16: Support for citywide smoke-free ordinance from homes with <18 years

Citywide smoke-free housing ordinance support by presence of seniors in home

- Of the respondents who indicated that there are adults aged 65 years or older in the unit, **67 percent** living in smoke-free properties would support an ordinance and **61 percent** living in smoking-permitted apartments would be in support.

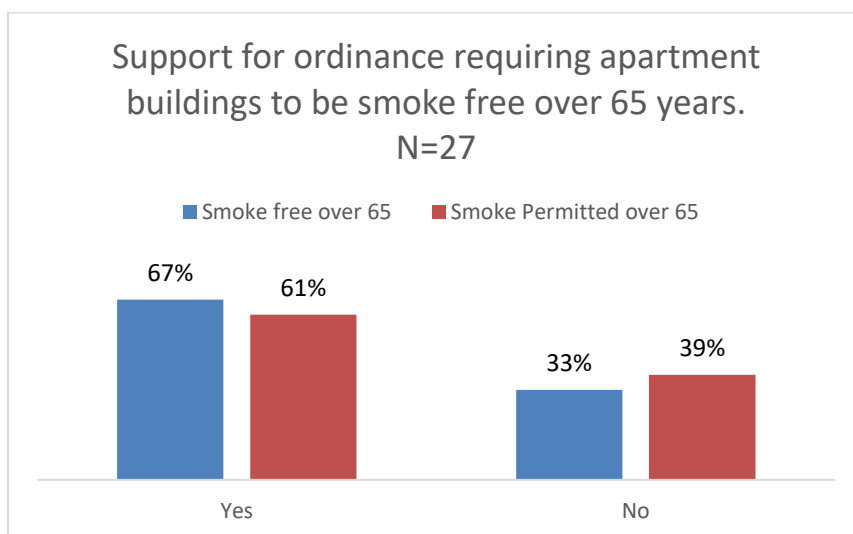


Figure 17: Support for smoke-free citywide ordinance from homes with >65 years

Citywide smoke-free housing ordinance support in subsidized properties

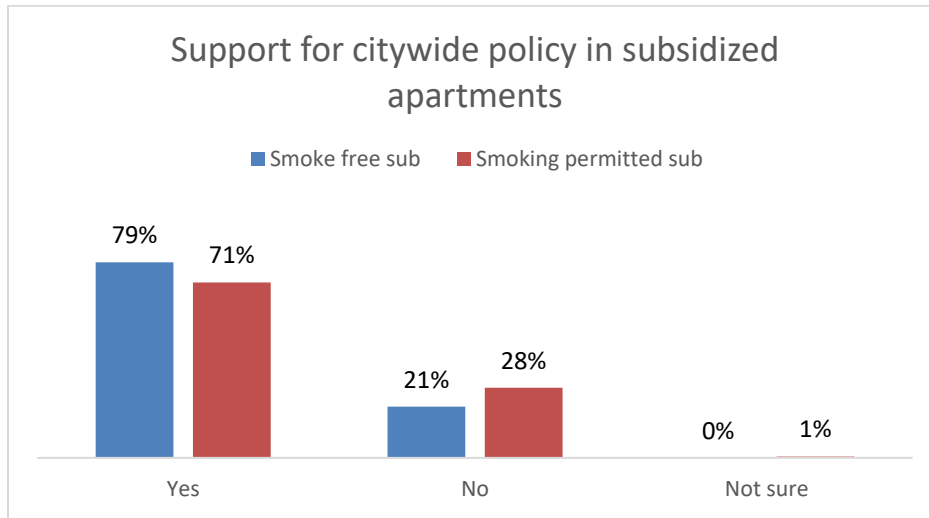


Figure 18: Support for citywide smoke-free ordinance in subsidized properties

Citywide ordinance support in market rate properties

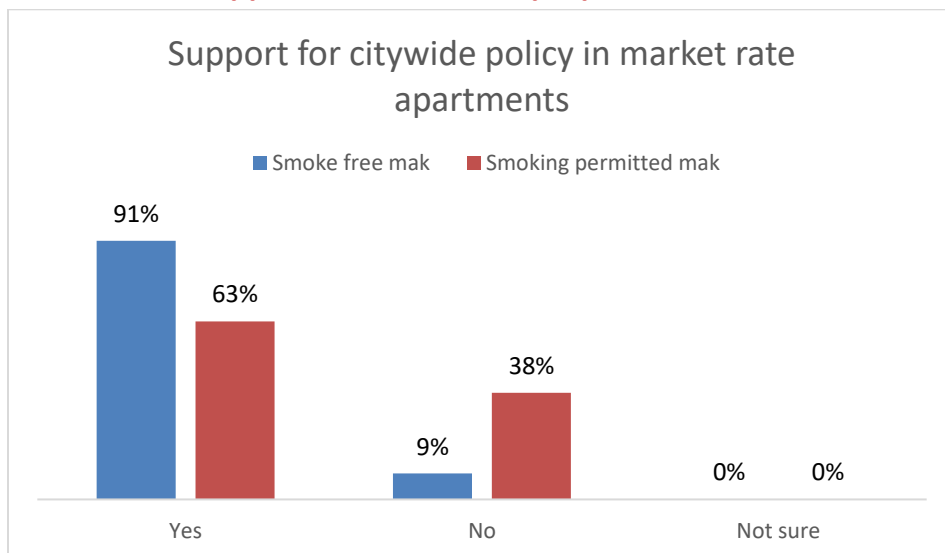


Figure 19: Support for a citywide smoke-free ordinance in market-rate properties

Changes in smoking behavior due to presence of a property smoke-free policy

- 27 respondents have made an attempt to either cut back, quit, or tried to quit smoking due to their property going smoke free

| Category | Smoke-free | % |
|---|------------|-----|
| No, no changes in current smoking behavior | 29 | 11% |
| No one living in my apartment smokes | 124 | 46% |
| Yes, quit smoking | 9 | 3% |
| Yes, cut back on smoking | 11 | 4% |
| Yes, quit smoking cigarettes and now vaping | 4 | 1% |
| Yes, tried to quit smoking | 3 | 1% |
| N=271 | | |

Table 4: Change in smoking behaviors since the property went smoke free

NEXT STEPS

Upon survey completion and analysis, ANSR and Saint Paul - Ramsey County Public Health conducted individual meetings with participating managers to share property-specific results, discuss policy changes or enhancements (as applicable) and offer technical support. For those properties with existing smoke-free policies, technical support including consultation on topics of policy compliance and enforcement and the provision of tools to promote policy compliance like signage, resident engagement activities, and outreach letters were provided. For first-time policy adopters technical support included resident engagement strategies, educational documents, implementation tools (like notification letters and policy language), and cessation resources. With the completion of the final cumulative report ANSR and Saint Paul-Ramsey County Public Health will meet with city and county staff to review the findings and evaluate potential policy or incentive steps that can be pursued. The findings in this report highlight the importance of smoke-free air in Ramsey County multi-unit housing, that smoke-free policies are valued by residents in both smoke-free and smoking-permitted properties, and that these policies can be a vital tool to protecting the most vulnerable members of Ramsey County from the harms of secondhand smoke exposure.

APPENDICES

Appendix I- Resident survey cover letter

Dear Resident,

Saint Paul - Ramsey County Public Health (SPRCPH) and Live Smoke Free (LSF) are conducting a resident survey that asks questions of adults who live in apartment buildings in the city. The Ramsey County Public Health is interested in learning about smoking in apartments and what you think about secondhand smoke and smoke-free policies.

As a thank you for your time, you will receive a \$10 Target gift card for completing the survey.

The survey should be completed by the head of household, and only one survey should be completed for each household.

- Answering the questions on the survey will take about 5-7 minutes.
- Your answers are important, but it is not required that you complete the survey.
- Completion of the survey will not affect your ability to live in your apartment.
- Your answers will be kept private, and will be combined with the answers from many other people taking the survey.
- No one will know which answers are yours.
- A summary of results will be shared with your property manager, but your manager will not see specifically how you answered the questions.

Please follow the instructions on the yellow slip provided in this packet to return the survey and get your \$10 gift card.

More information about this survey is also attached as a "FAQ" to this letter. If you have any questions, please call: Jack at 651-646-3005x325 or email jack@ansrmn.org.

Sincerely,



Pa Houa Shasky
Health Educator
Saint Paul- Ramsey County Public Health
Statewide Health Improvement Partnership
(SHIP)



Jack Ayim
Program and Community Outreach
Coordinator
Live Smoke Free program
Association for Nonsmokers – Minnesota
jack@ansrmn.org
651-6463005

Appendix II- Flyer for survey and gift card



*Surveys must be completed and returned
to the main office by 10/14/2019!*

Appendix III- Gift card instructions

Smoke-Free Housing Resident Survey

How to return the survey and get your \$10 gift card:

Thank you for completing this survey. We value your input. We are offering one \$10 Target gift card as a thank you for your time. To receive the gift card, please follow these steps:

1. Complete this slip.
2. Put the completed survey in the envelope provided.
3. Bring the envelope and yellow slip to the main office.
4. Give this slip to your manager to receive your gift card.

The information from this slip will NOT be linked to the survey you completed. We will only use this slip to track gift card distribution. Please be aware that this gift card is counted as income.

Please print clearly:

Name of your apartment

building: _____

Apartment # _____

Street Address: _____

City _____

State: _____

Zip Code: _____

Thank You for your participation.

Appendix IV- Frequently Asked Questions

Smoke-Free Housing Survey Frequently Asked Questions

Who is Saint Paul - Ramsey County Public Health (SPRCPH)?

Saint Paul – Ramsey County (SPRCPH) is one of the largest local public health departments in Minnesota, serving Saint Paul and all other cities in Ramsey County. SPRCPH provides a range of services as it carries out its mission to protect and improve the health of people and the environment in Ramsey County.

Why did I receive a survey?

SPRCPH and Live Smoke Free are asking residents of apartment buildings to answer survey questions about smoking in apartments. The survey is sent to every apartment unit in your building. Many apartment buildings in Ramsey County are being asked to participate in this survey.

Who should answer the questions?

We ask that the head of household fill out the survey. This person should:

- Be 18 or older, and
- Live in your apartment, and
- Be the person who makes decision for your family.

How is the data collected going to be used?

The data is going to be used by the County for educational purposes and to help inform future County public health efforts.

If I answer the questions, will that information be kept private?

Yes, your answers will be kept private. We do not ask you to give your name. Your answers will be combined with the answers from many other people. No one will know which answers are yours.

Will my property manager see my answers?

Your answers will be combined with all of the responses from your building. Your property manager will be given a summary of the response but they will not be able to identify your responses.

Why do I have to give my address on the yellow slip?

The yellow slip only needs to be filled out if you want the \$10 gift card. The information from this slip will NOT be linked to the survey that you completed. We will need your apartment number and address information for gift card distribution.

Please direct any further questions to Jack with Live Smoke Free at (651) 646-3005 X329 or jack@ansrmn.org.

Appendix V- Resident survey - smoking permitted

Resident Survey Smoking Permitted Building

The following questions are to be completed by one adult or head of household per apartment. Individual responses will be kept confidential and will not be shared with the property management staff or property owner. Your response will not affect your rental rates nor will you be evicted from your apartment based on your survey responses.

Questions about You:

1. What is your age?

☐ 18-25

☐ 26-55

☐ 56-65

☐ Over 65

2. Which of the following do you consider yourself? (Check all that apply.)

☐ Asian or Asian American

☐ Black or African American

☐ White

☐ American Indian or Alaska Native

☐ Native Hawaiian or Pacific Islander

☐ Hispanic or Latino

☐ Other: _____

3. What was your household income last year? This was your total income before taxes, or gross income, of all persons in your household combined for last year.

☐ \$23,000 or less

☐ \$23,001-\$39,000

☐ \$39,001-\$55,000

☐ \$55,001-\$79,000

☐ \$79,001-\$100,000

☐ More than \$100,000

4. In the last month have you used the following tobacco products? Check all that apply

☐ Cigarettes

☐ Cigars

☐ E-cigarette/vapes

☐ Cigarillos

☐ Water or regular pipes

☐ Hookahs

☐ Bidis

☐ I don't smoke

The Apartment That You Live In:

5. In total, how long have you lived in your current apartment building?

☐ Less than 1 year

☐ 1-5 years

☐ 6-10 years

☐ More than 10 years

6. Are there children 18 years or younger living in your apartment?

☐ No

☐ Yes

7. Are there adults over 65 (including yourself if applicable) living in your apartment?

☐ No

☐ Yes

Smoking/Vaping Rules Inside Your Apartment:

8. Do you allow people, including yourself, to smoke tobacco products (cigarettes, cigars, cigarillos, water or regular pipes, hookahs and bidis) in your apartment (not including decks, porches, patios, or garages)
- ☐ Smoking is NOT allowed anywhere inside my apartment
- ☐ Smoking IS allowed anywhere in my apartment
- ☐ Smoking IS allowed in some places in my apartment
9. Do you allow people, including yourself, to vape e-cigarettes in your apartment (not including decks, porches, patios, or garages)
- ☐ Vaping is NOT allowed anywhere inside my apartment
- ☐ Vaping IS allowed anywhere in my apartment
- ☐ Vaping IS allowed in some places in my apartment

Your Exposure to Tobacco Smoke:

10. How often do you smell tobacco smoke coming into your apartment from another unit or outside? Check all that apply.
- ☐ Everyday ☐ A few times a week ☐ A few times a month
- ☐ A few times a year ☐ Never
11. Have you reported your tobacco exposure in your apartment to your landlord?
- ☐ Yes ☐ No ☐ Does not apply to me
- No – if no, why not: _____
12. Do you believe you, or anyone in your household, has experienced any health problems related to tobacco smoke entering your apartment?
- ☐ Yes
- a. If yes, what were the health problems? _____
- ☐ No
13. Have you spent money on the following because of secondhand smoke in or around your apartment? (Check all that apply.)
- ☐ Cleaning supplies including dry cleaning
- ☐ Air purifiers, fresheners or odor absorbers
- ☐ Door and window seals

Smoking Rules Made by your Property Manager/Management Company:

14. Which of the following statements best describes the rules **made by your landlord** about tobacco smoking in your apartment building? (Check all those that apply)

- ☐ Smoking is NOT allowed in any shared areas inside my building (e.g. laundry rooms, hallways, stairwells, etc.)
- ☐ Smoking is NOT allowed inside any individual apartment unit
- ☐ Smoking is NOT allowed in the entrance area outside the building
- ☐ Smoking is NOT allowed anywhere outdoors
- ☐ Smoking is allowed anywhere on the property
- ☐ Smoking is allowed in individual apartments but not in shared areas like laundry rooms or hallways
- ☐ Smoking is allowed in some outdoors areas
- ☐ Don't know/not sure

Your Thoughts about Smoke-Free Apartments:

15. How much would you support a smoke-free (no-smoking) policy in all individual apartments units within your buildings?

- ☐ Strongly support
- ☐ Somewhat support
- ☐ Slightly support
- ☐ Do NOT support

16. When I am looking for a place to live, I look for the following (Choose all that apply, and rank in order with 1 being most important.):

- ☐ Housing cost – Priority # _____
- ☐ Proximity to work/school – Priority # _____
- ☐ Transportation – Priority # _____
- ☐ Good school district – Priority # _____
- ☐ Smoke-free policy – Priority # _____
- ☐ Other _____

17. Would you support a citywide policy or ordinance requiring apartment buildings to be smoke free? (e.g. not allow smoking anywhere inside the building)

- ☐ No
- ☐ Yes

Why? _____

18. Would you support a citywide policy or ordinance requiring building owners to disclose what the smoking policy is for the building prior to moving in?

- ☐ No
- ☐ Yes

Why? _____



Appendix VI- Resident surveys - smoke free

Resident Survey Smoke-Free Building

The following questions are to be completed by one adult or head of household per apartment. Individual responses will be kept confidential and will not be shared with the property management staff or property owner. Your response will not affect your rental rates nor will you be evicted from your apartment based on your survey responses.

Questions about you:

1. What is your age?

- ☐ 18-25
- ☐ 26-55
- ☐ 56-65
- ☐ Over 65

2. Which of the following do you consider yourself? (Check all that apply.)

- ☐ Asian or Asian American
- ☐ Black or African American
- ☐ White
- ☐ American Indian or Alaska Native
- ☐ Native Hawaiian or Pacific Islander
- ☐ Hispanic or Latino
- ☐ Other: _____

3. What was your 2017 household income? This was your total income before taxes, or gross income, of all persons in your household combined for last year.

- | | | |
|--|---|--|
| <input type="checkbox"/> \$23,000 or less | <input type="checkbox"/> \$23,001-\$39,000 | <input type="checkbox"/> \$39,001-\$55,000 |
| <input type="checkbox"/> \$55,001-\$79,000 | <input type="checkbox"/> \$79,001-\$100,000 | <input type="checkbox"/> More than \$100,000 |

4. In the last 12 months have you used the following tobacco products? Check all that apply

- | | | |
|-------------------------------------|---|---|
| <input type="checkbox"/> Cigarettes | <input type="checkbox"/> Cigars | <input type="checkbox"/> E-cigarettes/vapes |
| <input type="checkbox"/> Cigarillos | <input type="checkbox"/> Water or regular pipes | <input type="checkbox"/> Hookahs |
| <input type="checkbox"/> Bidis | <input type="checkbox"/> I don't smoke | |

The Apartment That You Live In:

5. In total, how long have you lived in your current apartment building?

- | | | |
|---|------------------------------------|-------------------------------------|
| <input type="checkbox"/> Less than 1 year | <input type="checkbox"/> 1-5 years | <input type="checkbox"/> 6-10 years |
| <input type="checkbox"/> More than 10 years | | |

6. Are there children 18 years or younger living in your apartment?

- ☐ No
☐ Yes

7. Are there adults over 65 (including yourself if applicable) living in your apartment?

- ☐ No
☐ Yes

Smoking/Vaping Rules Inside Your Apartment:

8. Do you allow people, including yourself, to smoke tobacco products (cigarettes, cigars, cigarillos, water or regular pipes, hookahs and bidis) in your apartment (not including decks, porches, patios, or garages)

- ☐ Smoking is NOT allowed anywhere inside my apartment
☐ Smoking IS allowed anywhere in my apartment
☐ Smoking IS allowed in some places in my apartment

9. Do you allow people, including yourself, to vape (eg. e-cigarettes, e-hookahs, etc.) in your apartment (not including decks, porches, patios, or garages)

- ☐ Vaping is NOT allowed anywhere inside my apartment
☐ Vaping IS allowed anywhere in my apartment
☐ Vaping IS allowed in some places in my apartment

Your Exposure to Tobacco Smoke:

10. How often do you smell tobacco smoke coming into your apartment from another unit or outside? Check all that apply.

- ☐ Everyday ☐ A few times a week ☐ A few times a month
☐ A few times a year ☐ Never

11. Have you reported tobacco smoke in your apartment to your landlord?

- ☐ Yes
☐ No – if no, why not? _____
☐ Does not apply to me

12. Do you believe you, or anyone in your household, has experienced any health problems related to tobacco smoke entering your apartment?

- ☐ Yes – if yes,
a. What were the health problems: _____
☐ No

Smoking Rules Made by your Property Manager/Management Company:

13. Which of the following statements best describes the rules **made by your landlord** about tobacco smoking in your apartment building? (Check all those that apply)
- ☐ Smoking is NOT allowed in any shared areas inside my building (e.g. laundry rooms, hallways, stairwells, etc.)
 - ☐ Smoking is NOT allowed inside any individual apartment unit
 - ☐ Smoking is NOT allowed in the entrance area outside the building
 - ☐ Smoking is NOT allowed anywhere outdoors
 - ☐ Smoking is allowed anywhere on the property
 - ☐ Smoking is allowed in individual apartments but not in shared areas like laundry rooms or hallways
 - ☐ Smoking is allowed in some outdoors areas
 - ☐ Don't know/not sure
14. How does your manager enforce the smoke-free (no-smoking) policy? (Check all that apply.)
- ☐ Verbal warning
 - ☐ Written warning
 - ☐ Fine
 - ☐ Eviction
 - ☐ Don't know
 - ☐ My manager doesn't enforce the policy
 - ☐ Other: _____
15. Which of the following describes how frequently your manager follows up with smoking violations or complaints?
- ☐ Always
 - ☐ Most of the time
 - ☐ Some of the time
 - ☐ Never

Your Experience With The Smoke-Free Policy:

16. Have you or anyone living in your apartment changed smoking behaviors since the building went smoke free? (Check all that apply. This includes all burned tobacco products, such as cigarettes, cigars, hookah and water pipes)
- ☐ Yes, quit smoking
 - ☐ Yes, tried to quit smoking
 - ☐ Yes, cut back on smoking
 - ☐ Yes, quit smoking cigarettes and now vaping
 - ☐ No, no changes in current smoking behavior
 - ☐ No one living in my apartment smokes

Your Thoughts About Smoke-Free Apartments:

17. When I am looking for a place to live, I look for the following (Choose all that apply, and rank in order with 1 being most important.):

- ☐ Housing cost Priority # _____
- ☐ Proximity to work/school Priority # _____
- ☐ Transportation Priority # _____
- ☐ Good school district Priority # _____
- ☐ Smoke-free policy Priority # _____
- ☐ Other _____

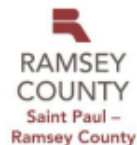
18. Would you support a citywide policy or ordinance requiring apartment buildings to be smoke free? (e.g. not allow smoking anywhere inside the building)

Why? _____

19. Would you support a citywide policy or ordinance requiring building owners to disclose what the smoking policy is for the building prior to moving in?

Why? _____

20. If you were a property manager of a smoke-free (non-smoking) community, what (if anything) would you do differently than what your current manager is doing?



References

¹Environmental Protection Agency. Accessed February 17, 2020.

<https://www.epa.gov/indoor-air-quality-iaq/secondhand-smoke-and-smoke-free-homes>

²Centers for Disease Control and Prevention. Accessed February 17, 2020.

https://www.cdc.gov/tobacco/basic_information/secondhand_smoke/index.htm

³ King, B., Babb, S., Tynana, M., & Gerzoff, R. (2012, December 17). National and State Estimates of Secondhand Smoke Infiltration Among U.S. Multiunit Housing Residents. *Nicotine & Tobacco Research*, 10.1093/ntr/nts254.

⁴<https://www.ramseycounty.us/your-government/about-ramsey-county/community-profile>

⁵United State Census Bureau Quick Facts Ramsey County V2018

⁶Surgeon General's Report 2006

⁷Bohac DL, Hewett MJ, Hammond SK, Grimsrud DT. (2011, February) Secondhand smoke transfer and reductions by air sealing and ventilation in multiunit buildings: PFT and nicotine verification. *Indoor Air*.