

Mid-Hudson Region Community Health Survey: Putnam County

PUTNAM COUNTY DEPARTMENT OF HEALTH

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INTRODUCTION

The Mid-Hudson Regional Community Health Survey is a key component of the 2022 Community Health Assessment (CHA), and its main primary data collection source. The Putnam County Department of Health (PCDOH) developed the survey in collaboration with other local health departments in the seven counties of New York's Mid-Hudson Region and The Siena College Research Institute (SCRI) to further explore regional health and well-being and inform future health improvement efforts. The 52-question survey was designed to assess overall quality of life, social determinants of health, perception of health and well-being, health behaviors, access and utilization of health services, and COVID-19 pandemic impacts. The 2022 survey is the second iteration of this project and contains many of the same questions previously offered in 2018 to allow for assessment of changes over a timeframe that corresponds to the COVID-19 pandemic. This cycle, survey results are particularly critical for the CHA as a supplement to secondary data sources whose availability, timeliness, and in some cases, validity were impacted by the pandemic.

This report details findings specific to Putnam County. A Mid-Hudson Region level report can be found in the Mid-Hudson Regional Community Health Assessment.

METHODOLOGY AND DESIGN

SCRI and seven Mid-Hudson Region local health departments conducted a mixed modality (phone and online) public opinion health survey from March 14 to May 22, 2022. The sampling frame consisted of residents aged 18 and older of Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, and Westchester Counties in New York State. SCRI conducted interviews via landline and cell phone numbers and offered self-administered online surveys via an online panel. Local health departments recruited additional respondents to complete a self-administered online survey to enhance representation across population sectors and meet budget constraints. In all modes of administration respondents were screened for residence in New York State and specified counties.

The landline sample was designed to ensure the selection of both listed and unlisted telephone numbers using random digit dialing. Landline telephone numbers were purchased from ASDE Survey Sampler. The cell phone sample was drawn from a sample of dedicated wireless telephone exchanges from within New York State. Cell phone telephone numbers were purchased from Dynata (formerly Survey Sampling International). Calls were made between the hours of 1pm and 9pm from Monday through Thursday, and between 2pm and 8pm on Sundays. Up to 7 calls were placed to each phone number to try to establish if the phone number was a working number. Telephone surveys were conducted in English or Spanish.

The online sample was provided by Lucid, a market research platform that runs an online exchange for survey respondents. The samples drawn from this exchange matched a set of demographic quotas on age, gender, and region. Respondents were sent from Lucid directly to survey software operated by SCRI. All respondents that took the survey online completed an attention check before taking the survey. Additional attention checks were placed in the survey to ensure proper attention was being paid throughout the entire survey. Online panel surveys were conducted in English.

The online recruitment from each county included distributing the survey URL to community partners, promoting the survey on social media, and providing access to the survey at community events. The online recruitment survey was conducted in English and Spanish.

Data from all four sources were combined and weighted as one universe to provide a representative sample of Hudson Valley residents. The overall and county-wide samples were weighted by age, gender, reported

race/ethnicity, income and county using the 2016-2020 American Community Survey 5-year estimates to ensure statistical representativeness.

In 2018, SCRI conducted a similar survey for the Mid-Hudson Region counties. In that iteration, respondent data was collected via random digit dialing (RDD) dual-frame telephone interviews and augmented through the use of the Lucid panel. In 2018, within each county oversamples of residents of the zip codes with the lowest levels of income were included in the unweighted samples. In both 2018 and 2022, each county estimate was similarly weighted to the most current demographic estimates of the county's population by age, gender, reported race/ethnicity, and income. As such, and despite sampling design differences, the final weighted estimates by county and the final weighted regional estimates from 2018 and 2022 can be fairly compared to one another.

SCRI calculated the margin of error (MOE) for the total sample and each county-wide sample to include design effects resulting from weighting with a 95% confidence interval. Counties were provided with weighted proportions of responses to each question in the 2022 survey, and questions which remained unchanged from the 2018 survey, for the entire sample and for their individual county. Crosstabs of proportional responses by various demographic characteristics were also provided to counties. PCDOH completed analysis comparing weighted proportional responses for the entire region, Putnam County 2022 and Putnam County 2018 (where available). Comparisons were also made between individual county responses and demographic groups within Putnam County. Margins of error (MOEs) were used to guide identification of differences in proportion of responses.

NATURE OF THE SAMPLE

A total of 5,699 surveys were collected with an average of 814 surveys collected per county. The margin of error for the total sample of 5,699 is +/- 2.1% including the design effects resulting from weighting with a 95% confidence interval. This means that in 95 out of every 100 samples of the same size and type, the results we obtain would vary by no more than plus or minus 2.1 percentage points from the result we would get if we could interview every member of the population.

Within Putnam County, a total of 777 residents aged 18 or older completed the survey. The margin of error for the total sample of 777 is +/- 4.5% including the design effects resulting from weighting with a 95% confidence interval. There was a total of 229 respondents who completed the survey on a cell phone, 235 who completed it on a landline, 31 who completed the survey via the online panel, and 282 via online recruitment by the county. In the 2018 survey, Putnam County had a total sample size of 521 with a margin of error of +/-5.4%.

FIGURE 1

Sample Size, Margin of Error, and Weighted Proportions by Demographic Groups								
	Dutchess	Orange	Putnam	Rockland	Sullivan	Ulster	Westchester	Mid-Hudson Region
TOTAL COUNT	943	996	777	765	641	647	930	5,699
Margin of Error (+/-)	4.1%	3.4%	4.5%	4.0%	4.7%	5.1%	3.8%	2.1%
Gender								
Male	48%	48%	49%	46%	50%	48%	47%	46%
Female	49%	49%	48%	50%	47%	50%	52%	51%
Age								
18 to 34	27%	29%	23%	28%	25%	26%	26%	26%
35 to 49	24%	24%	25%	25%	27%	22%	23%	25%
50 to 64	26%	24%	27%	23%	24%	26%	27%	26%
65 and older	21%	20%	23%	20%	23%	24%	22%	21%
Ethnicity								
White	73%	63%	79%	61%	75%	80%	55%	55%
Non-White	24%	33%	17%	35%	24%	18%	43%	43%

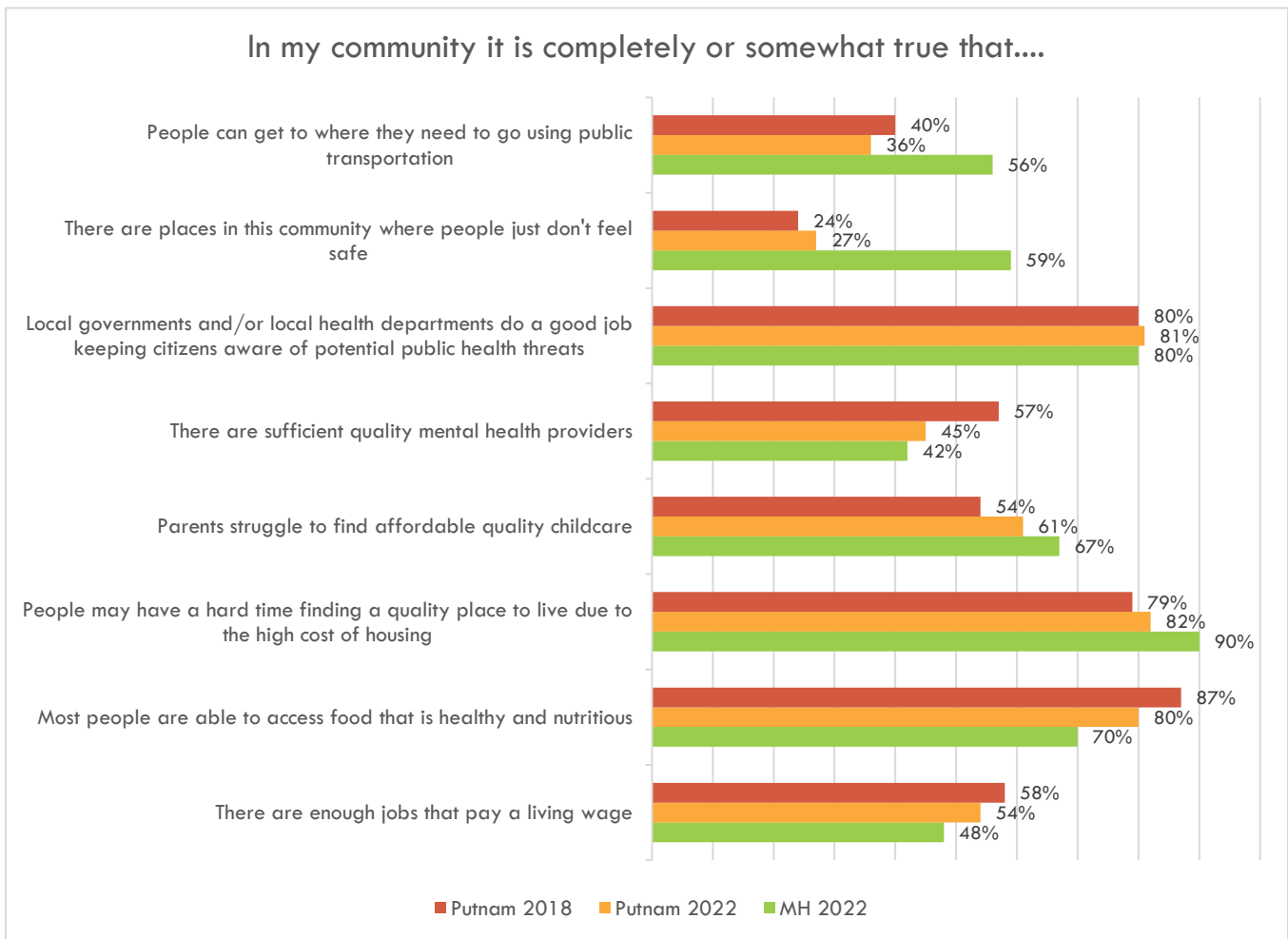
RESULTS

Notable findings, organized by question type, are detailed below. Charts of results for each individual survey question can be found in Appendix 1.

PERCEPTION OF COMMUNITY

The first group of survey questions looked at perception of different aspects of quality of life such as safety, transportation, housing, and jobs. Respondents were read statements about life in their community, and asked if each statement was completely true, somewhat true, not very true, or not at all true. The proportion of respondents that considered each statement completely or somewhat true was examined, and areas where Putnam performed worse than the Mid-Hudson (MH) Region, or where Putnam performance declined as compared to findings of the 2018 survey were identified.

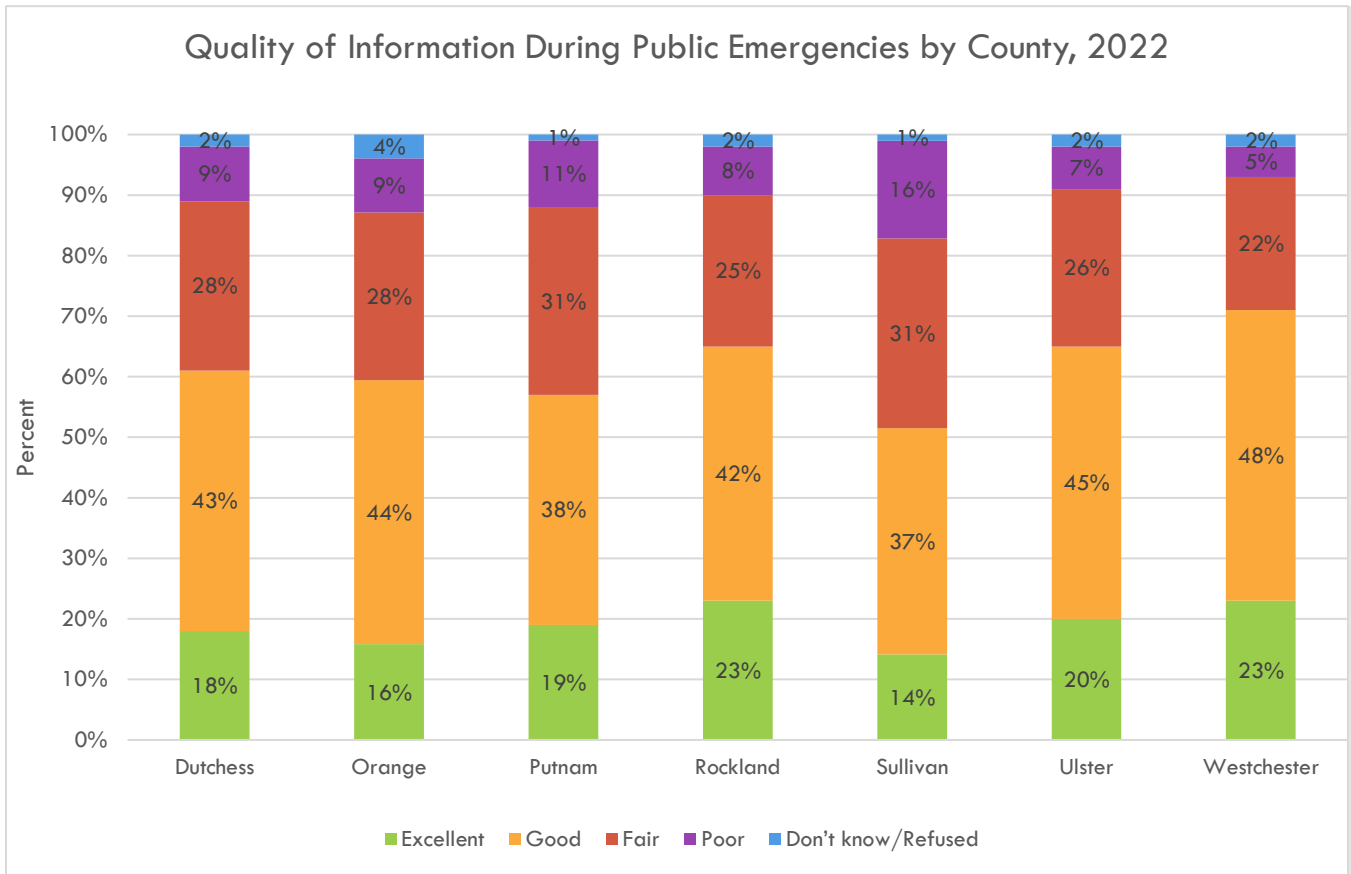
FIGURE 2



Overall, there is a more favorable perception of community quality-of-life measures in Putnam than in the region overall. The exception is transportation, where only 36% of Putnam respondents thought it was true that people can get where they need to go using public transportation, as compared to 56% for the whole region. Declines in performance from 2018 to 2022 were seen for several measures but were only outside the MOE for ability to access mental health providers. In 2018, 57% of respondents thought it was true that there were enough quality mental health providers, as compared to 45% in 2022.

Respondents were also asked to rate the quality of information received from county agencies during public emergencies such as weather events or disease outbreaks.

FIGURE 3

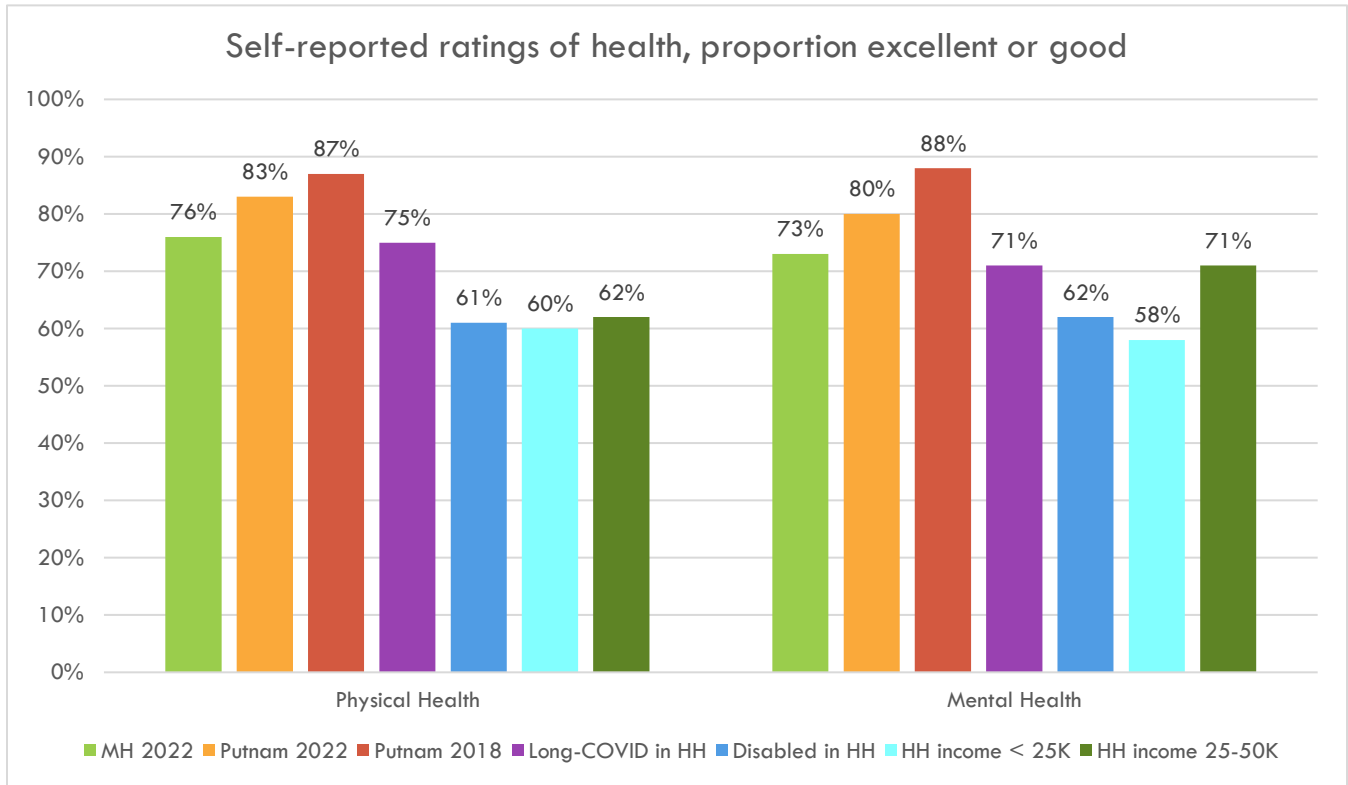


Amongst the counties, Putnam performed second worst behind Sullivan, with 42% of respondents considering the quality of information to be fair or poor. Most differences between Putnam and other counties did not exceed MOEs, except for the top performers, Westchester, and Rockland.

SELF-REPORTED RATINGS OF HEALTH

Respondents were next asked to rate their own physical and mental health as excellent, good, fair, or poor. The proportion of respondents that answered excellent or good was examined and comparisons were made between results for the region in 2022, Putnam 2022, and Putnam 2018. Differences between demographic groups in Putnam were also noted.

FIGURE 4



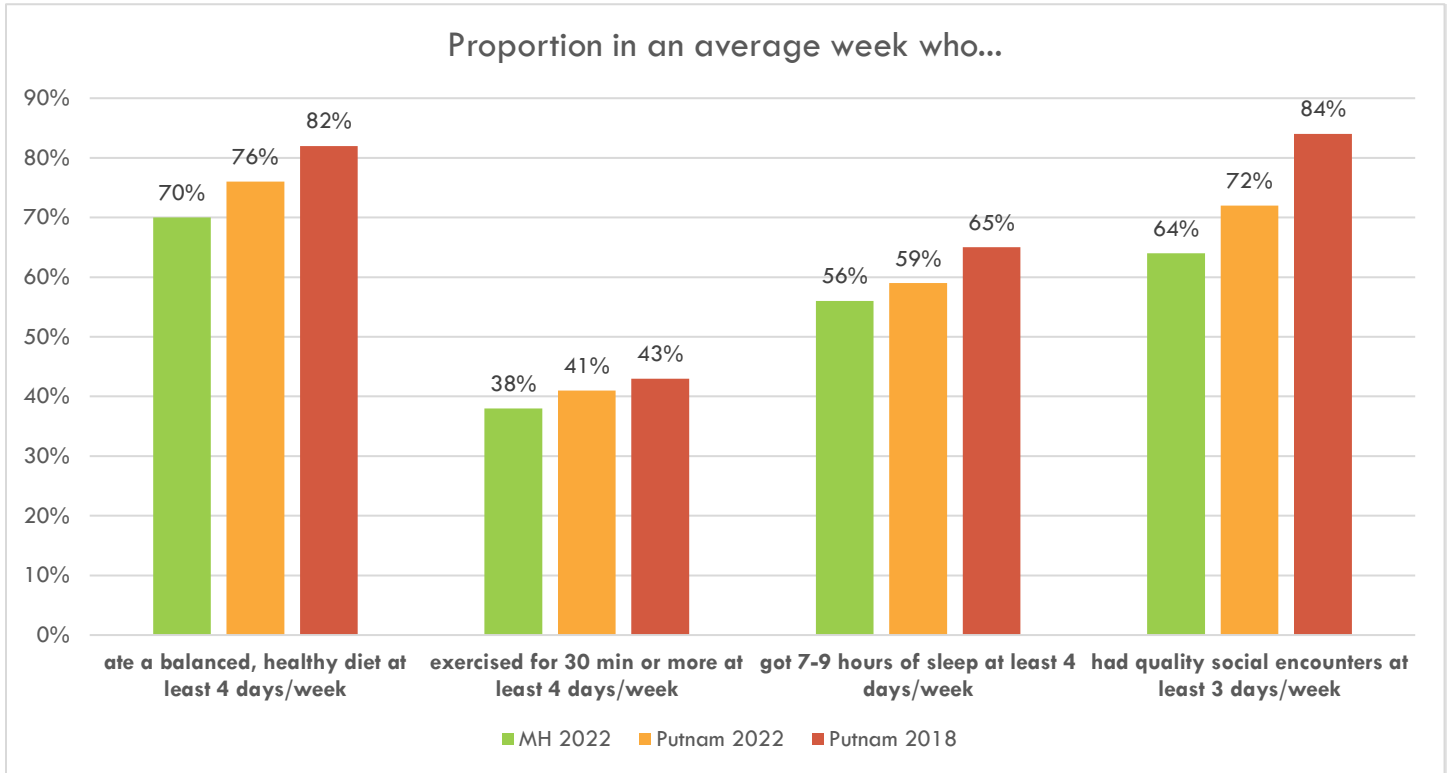
Ratings for both physical health and mental health were found to be better in Putnam than the region overall. Ratings for both declined from 2018, although declines did not exceed the margin of error.

Disparities were seen in self-reported health ratings. Lower ratings for both physical and mental health were seen for Putnam respondents living in households with someone with long-COVID, someone disabled, or income less than \$50,000.

HEALTH BEHAVIORS

The next series of questions asked about health behaviors including healthy eating, exercise, sleep, and social interactions.

FIGURE 5

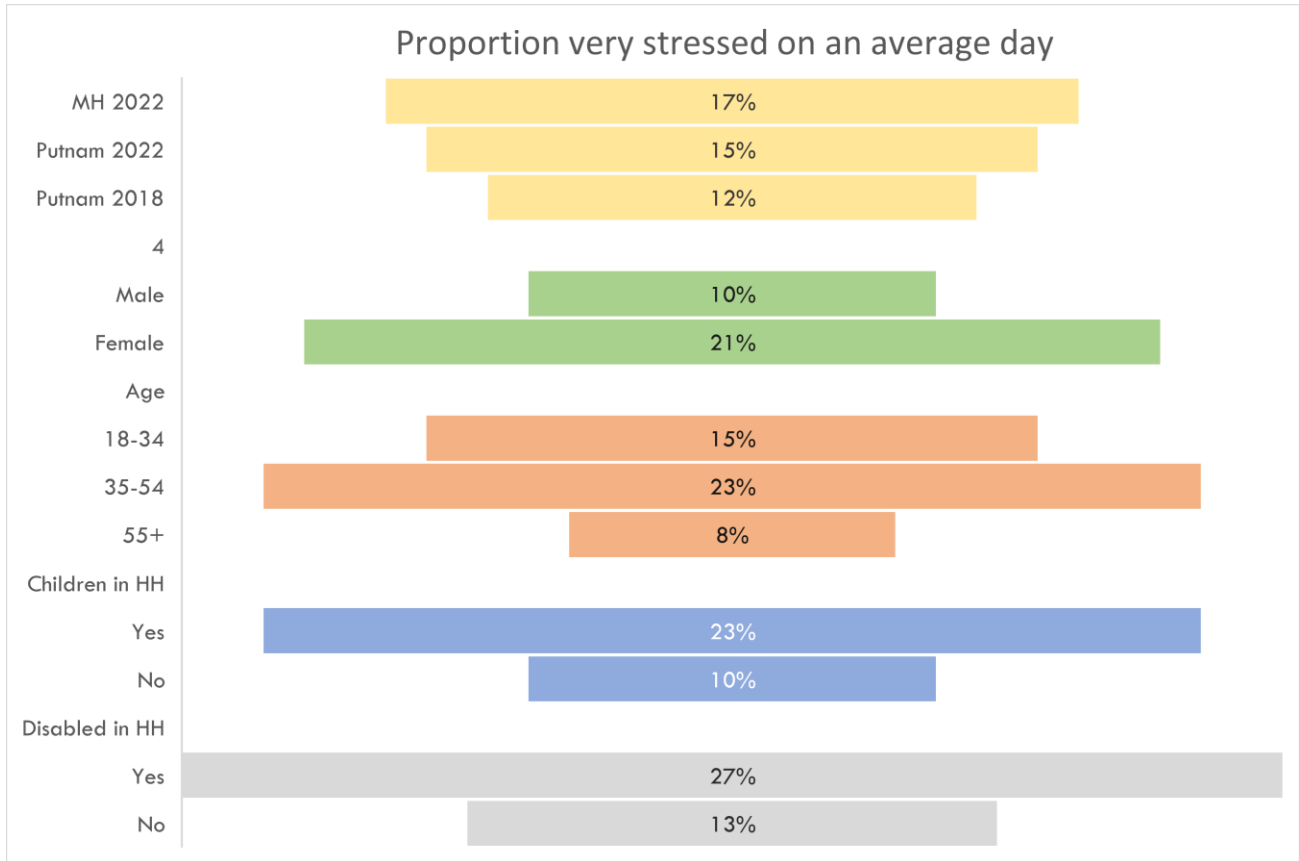


In general, Putnam respondents reported better health behaviors than the region. Declines were seen from 2018 to 2022 but they only exceeded the MOE for social interactions. The following disparities were also seen amongst Putnam residents:

- Fewer days eating healthy: age < 55 years, veterans, household with children or disabled, or income <50K
- Less exercise: age > 34 years, veterans, household with disabled, or income <25K
- Less sleep: non-white, household with children or disabled
- Fewer social encounters: 35-54 years of age, non-white, household with children, disabled, or income <\$50K

Respondents were also asked how stressed they feel on an average day, and comparisons were made between the proportion that answered, “very stressed.”

FIGURE 6



Putnam respondents again reported being less stressed than the region overall, though stress levels in Putnam increased from 2018 to 2022. It should be noted that differences between Putnam and the region and Putnam in 2018 and 2022 do not exceed the MOE. There were notable disparities in stress levels amongst Putnam respondents. Very high stress levels were more common in females, those 35-54 years of age, and those in households with children or a disabled person.

Respondents were next asked about frequency of alcohol consumption in the last year. Those who consumed alcohol with any frequency were also asked if their alcohol consumption frequency had changed in comparison to before the pandemic. These questions were not asked in 2018, so comparisons were made between Putnam County and the Mid-Hudson Region.

FIGURE 7

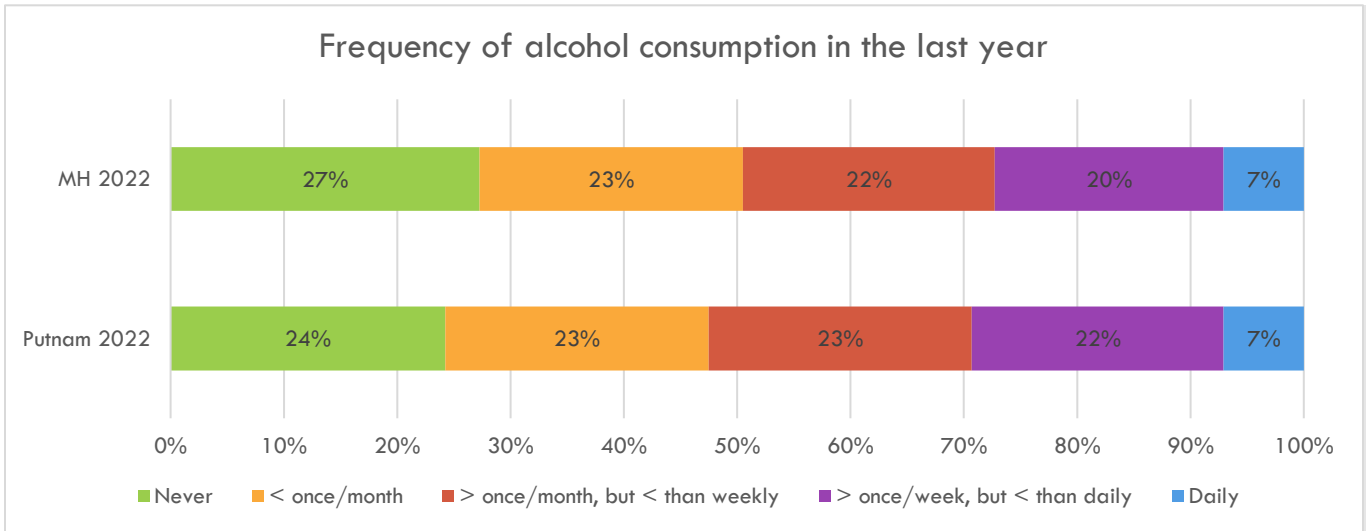
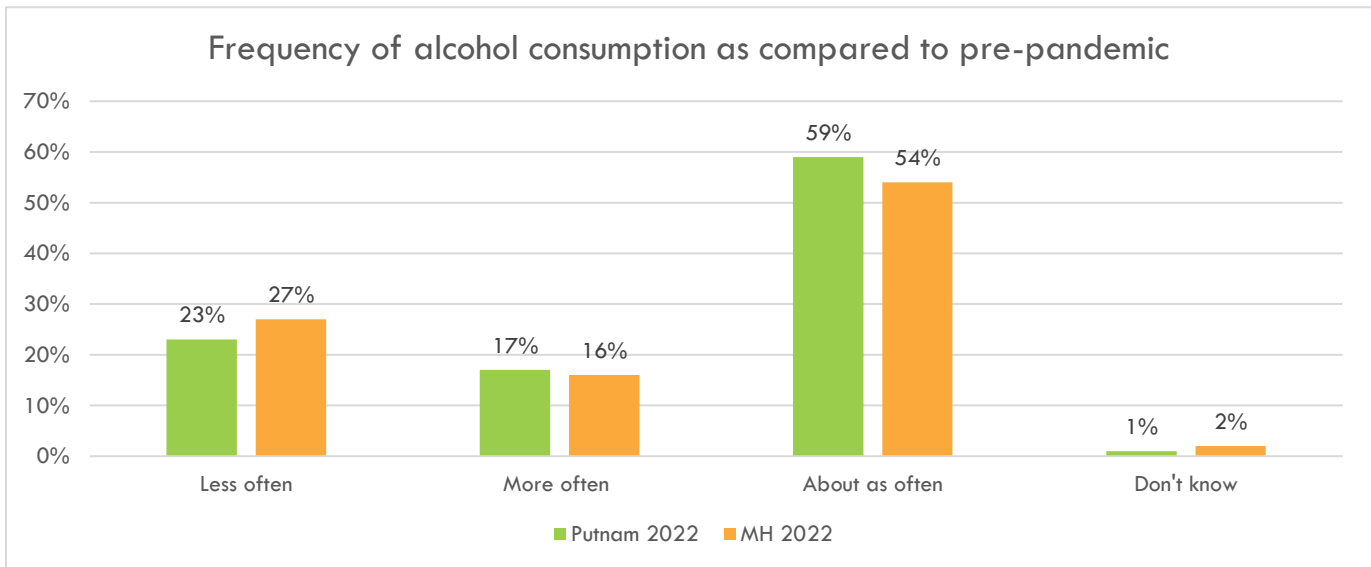


FIGURE 8



In Figure 7, respondent proportions for frequency of alcohol consumption are very similar for Putnam and for the region. Any small differences are within the MOE. On one end of the spectrum, about a quarter of respondents never drink, and on the other end of the spectrum, 7% report that they drink daily.

Figure 8 shows that frequency of alcohol consumption did not change from pre-pandemic for the majority respondents in both Putnam County (59%) and the region as a whole (54%). Furthermore, a higher proportion of Putnam respondents drink less frequently (23%) than those whose consumption has increased (17%).

Similar questions were asked regarding drug use for non-medical purposes and results were compared between Putnam County results for 2018 and 2022 (frequency in the last year only) and the entire region.

FIGURE 9

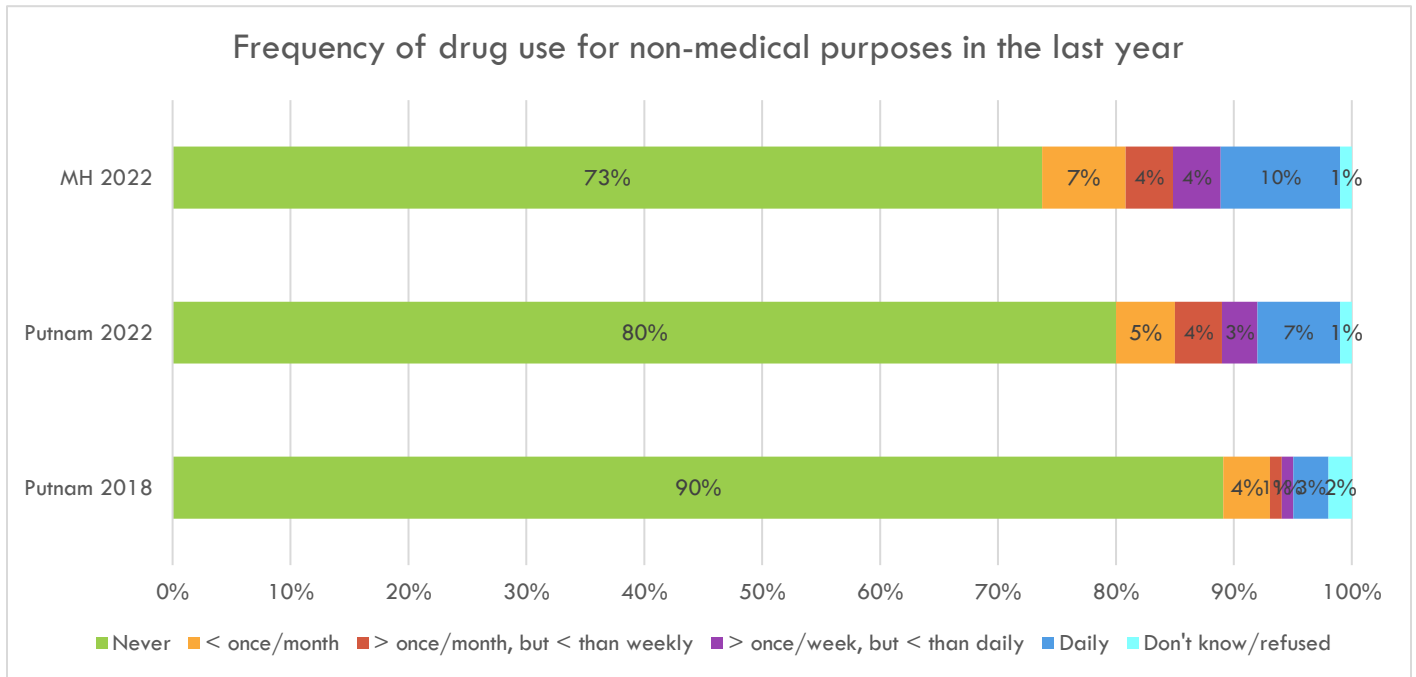


FIGURE 10

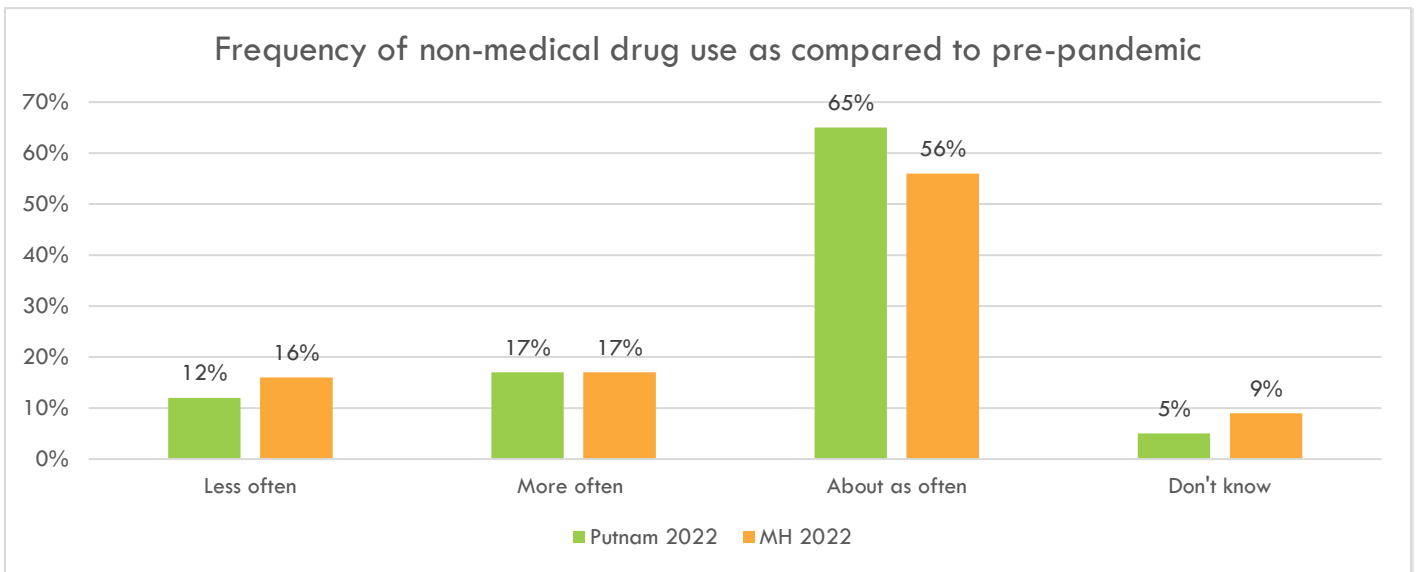


Figure 9 demonstrates that drug use is generally less frequent in Putnam than the region with 80% of Putnam respondents never using drugs, as compared to 73% in the region, but more frequent in Putnam in 2022 than it was in 2018 when 90% of respondents said they never use drugs. It should be noted that there was a slight change in the wording of this question from 2018 to 2022, which may also have some impact on the results.

Similar to findings for alcohol consumption, Figure 10 shows that frequency of drug use did not change from pre-pandemic for the majority of respondents in both Putnam County (65%) and the region as a whole (56%). However, a higher proportion of Putnam respondents use drugs more frequently (17%) than those that use drugs less frequently (12%).

ACCESS TO RESOURCES

In the next series of questions respondents were asked if they had experienced difficulty meeting basic needs in the last year: food, utilities, medicine, healthcare, phone, transportation, housing, childcare and access to the internet.

FIGURE 11

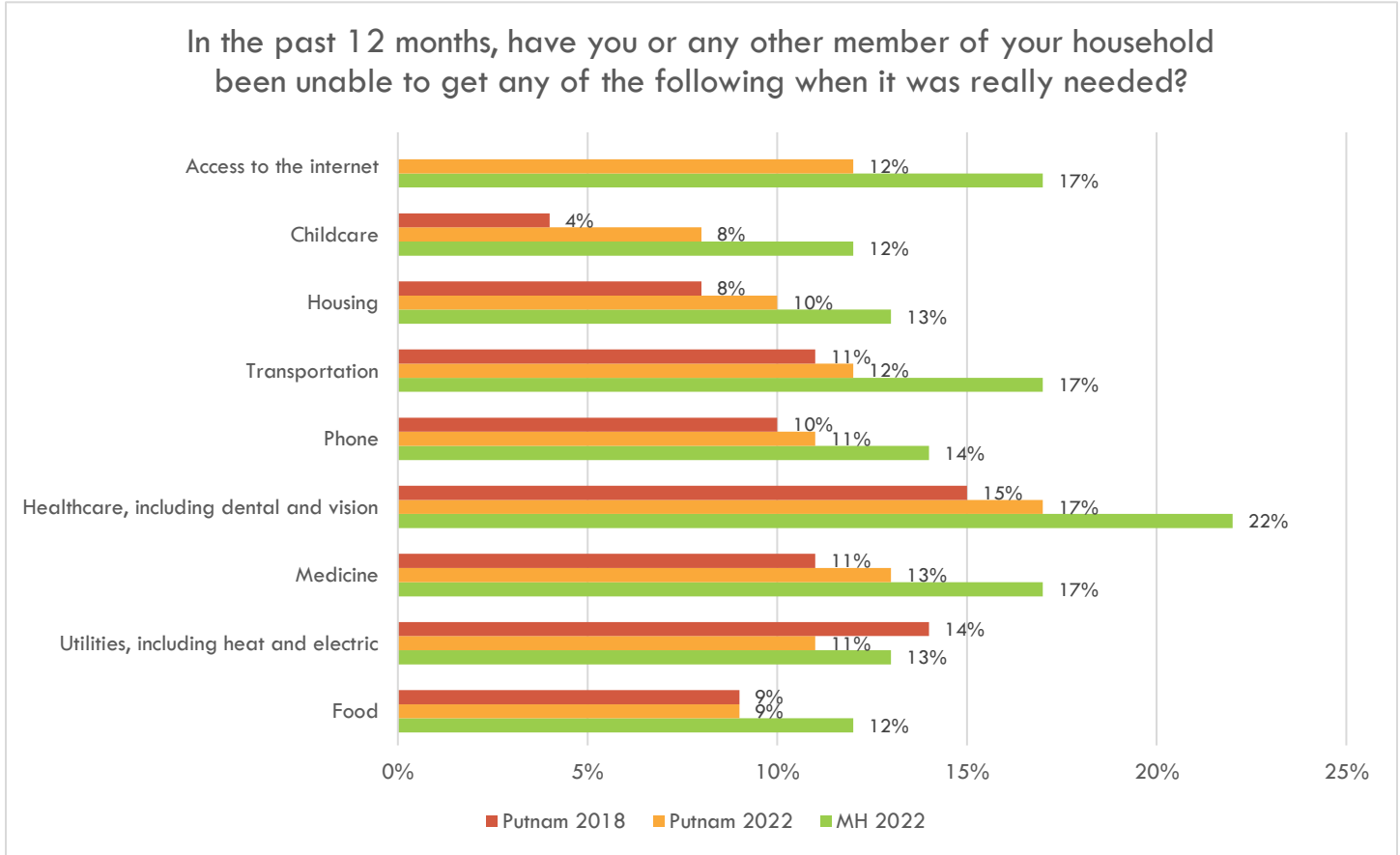


Figure 11 demonstrates that overall, a lower proportion of Putnam residents had trouble meeting basic needs as compared to the region. In 2022 healthcare, including dental and vision, had the highest proportion of Putnam respondents with an unmet need (17%), while childcare (8%) and food (9%) had the lowest proportions.

When we compare results for Putnam 2022 to Putnam 2018, we see a higher proportion of unmet needs for all categories except utilities, though it should be noted that all these differences are within the margin of error.

Disparities exist between demographic groups in meeting basic needs. A higher proportion of those who are age 18-34 years, non-white, renting their home, or that live in a household with a disabled person, or in a household with income below \$50,000 per year had trouble meeting four or more basic needs.

HEALTHCARE VISITATIONS

The next series of questions explored healthcare utilization. Respondents were asked about primary care, dental, emergency room, mental health, and telehealth visits in the past year. Comparisons were made between Putnam 2022, Putnam 2018 (where data available) and the region. Respondents who had not sought a particular type of care were asked to provide reasons why.

FIGURE 11

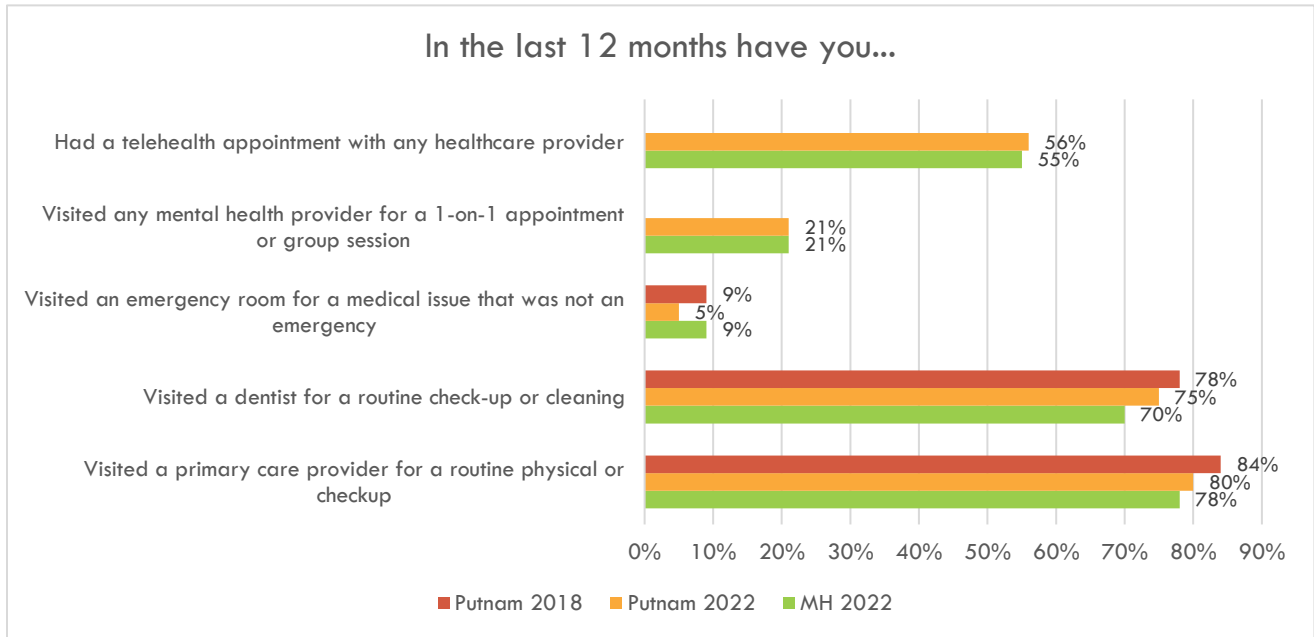


Figure 11 demonstrates similar rates of healthcare utilization for Putnam County in 2018 and 2022 and for the region in 2022 (all differences within the MOE).

Differences were seen in healthcare utilization between demographic groups. Routine primary care was sought in the highest proportion by persons over 55 years of age (90%). Differences were not observed across age groups for routine dental care, but veterans (62%) and respondents from households with annual income less than \$25,000 (49%) had lower rates of utilization. Mental health care was sought by a higher proportion of women, persons less than 55 years of age, those living in households with a disabled person, and those living in households with annual income less than \$25,000. Emergency room utilization for non-emergencies was more common in households with annual income less than \$25,000 (14%).

The most common reasons cited for not seeking routine primary care were not having enough time (33%) and being unable to get an appointment (18%). The most cited reasons for not seeking routine dental care were lack of insurance (31%) and lack of time (24%). A similar proportion did not seek routine primary care (17%) and routine dental care (16%) due to concern over COVID-19. Most respondents who did not utilize mental health services (84%) and telehealth services (86%) cited lack of need for the service as their reason for non-utilization. Preference for in person appointments was cited by 16% of those who did not utilize telehealth services. Half of those who visited an emergency room for a non-emergency did so because they thought they initially thought they were having a health-related emergency, but later learned it was not an emergency. Convenient hours (32%) and convenient location (19%) were also commonly cited reasons for using emergency rooms for non-emergencies. Tables detailing all reasons cited for not utilizing health care services can be found in Appendix 1.

COVID-19 PANDEMIC IMPACT

The final section of the survey was related to COVID-19. As detailed in Appendix 1, 36% of Putnam respondents had COVID and 47% had a household member who had COVID. Of these respondents, 18% had, or their household member had, COVID symptoms that lasted for more than four weeks (long-COVID).

Respondents were also asked to consider if various aspects of their life had improved, worsened, or stayed the same as compared to before the COVID-19 pandemic. Degree of impact was considered to be the difference between the proportion answering “worsened” and the proportion answering “improved.”

FIGURE 12

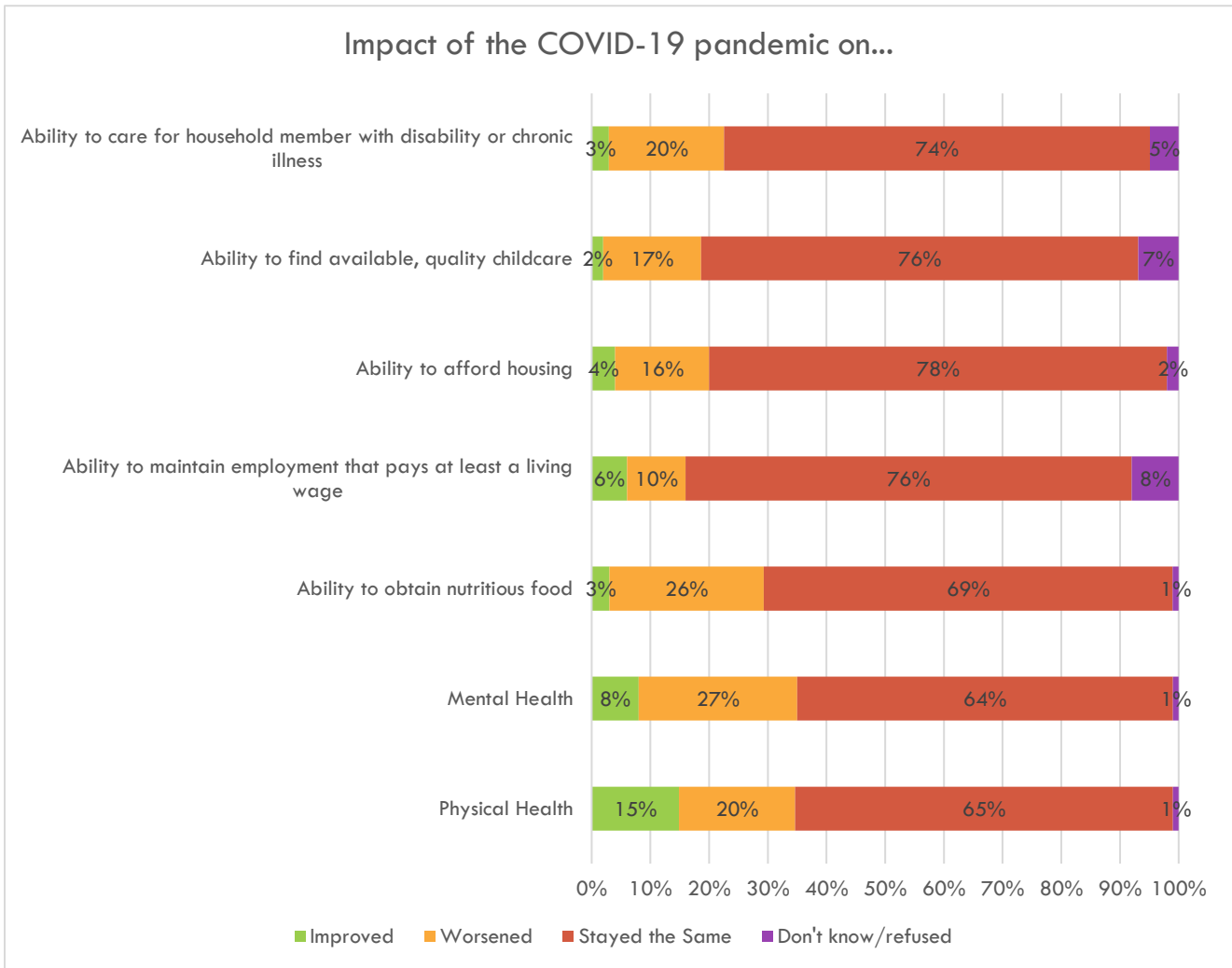


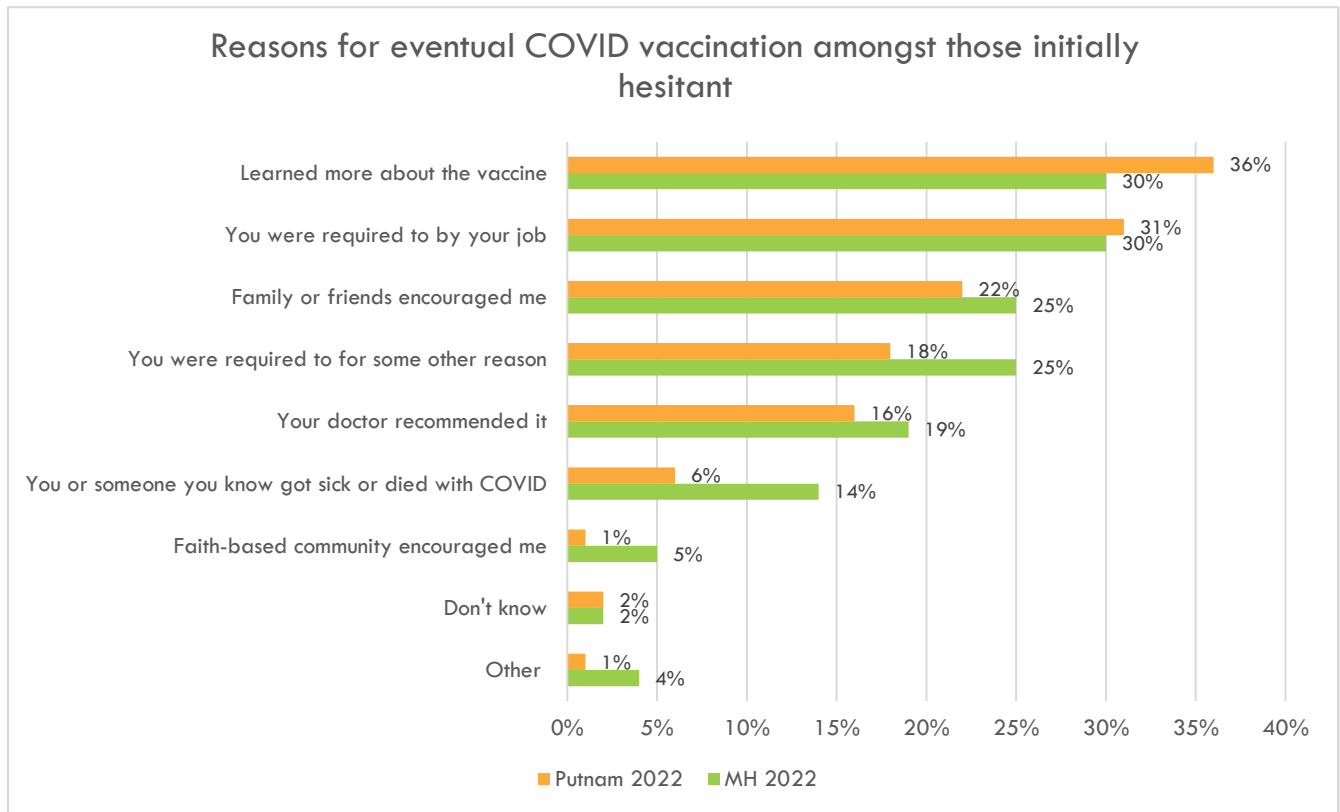
Figure 12 displays results for Putnam County, where the proportion responding “worsened” was greater than the proportion responding “improved” in all areas, and the greatest impact was seen for ability to obtain nutritious food (23% difference between worsened and improved) and mental health (19% difference between worsened and improved). Regional results are not displayed but results largely mirror those seen in Putnam, with an overall higher degree of impact for the region.

Disparities were seen between demographic groups for pandemic impacts. The biggest differences were seen across the highest number of aspects of life for respondents from households with members who are disabled or have/had long-COVID. A higher proportion of these respondents reported worsened physical health, mental

health, ability to obtain affordable nutritious food, and ability to care for a household member with a disability or chronic illness. There was also a higher proportion of respondents from households with members who have experienced long-COVID reporting worsened ability to afford housing.

The last few questions were about COVID vaccinations. As detailed in Appendix 1, 88% of Putnam respondents were vaccinated, and of those vaccinated, the vast majority said they received the vaccine as soon as they were eligible. However, 19% of respondents that are now vaccinated were initially hesitant to be vaccinated. This group was asked why they eventually ending up getting the vaccine, and the results are shown in Figure 13.

FIGURE 13



The top reason cited for deciding to get vaccinated in Putnam County (36%) and the region (30%) was learning more about the vaccine. This is encouraging because it provides evidence for efficacy of health education efforts. Results also provided evidence for the efficacy of workplace vaccination mandates, the 2nd most common reason cited for vaccination in Putnam County (31%) and tied for first in the region (30%).

DISCUSSION

Putnam County performed favorably in comparison to the six other counties in NY's Mid-Hudson Region in this broad-based community health survey. Survey findings lend validation to the conclusions of the University of Wisconsin and Robert Wood Johnson Foundation's 2022 County Health Rankings & Roadmaps Report in which Putnam ranked 1st in Health Outcomes and 3rd in Health Factors amongst New York's 62 counties.¹ While this accomplishment should not be diminished, and comparisons to neighboring counties are meaningful benchmarks, they are not the only means to evaluate Putnam's health status. The survey revealed an overall decline across measures as compared to 2018. These declines should be interpreted cautiously, as most differences fall within margins of error, and changes in survey administration methodology from 2018 to 2022 may have impacted results. Nonetheless, results of questions directly assessing change over time (Figure 12) further support the finding of generalized decline during this time.

CONSIDERATIONS FOR STAKEHOLDERS

The results of this survey provide a foundation for evidence-based interventions and may be used in support of grant applications and other advocacy efforts. The findings below may be considered by stakeholders to support or improve upon existing activities or in the development of new initiatives.

SOCIAL DETERMINANTS OF HEALTH (SDOH):

SDOH are upstream factors within social, physical, and economic environments which play a role in improving health and healthcare access and reducing health disparities. Survey findings, including a comparatively low and decreasing perception that public transportation can get people where they need to go, indicate shortcomings in transportation in Putnam County. Transportation access and potential barriers should be considered in all population health programs. Public transportation needs and accessibility should be evaluated by planners and policy makers.

HEALTH DISPARITIES:

Disparities were identified across many measures amongst respondents from low-income households as well as households with a person with a disability and/or persons with long-COVID. Stakeholders across various sectors should consider the disparities specifically identified among Putnam residents, as well as known systemic and structural barriers, during policy making and community health improvement planning.

COMMUNICATIONS:

Putnam County's comparatively low favorability rating for public health emergency communications indicates a need for stakeholder review of the methods, frequency, and content of communication to the public during public health emergencies.

MENTAL HEALTH AND WELL BEING:

Survey findings, including a decreasing perception that there are sufficient quality mental health providers, high levels of pandemic impact on self-reported mental health, increasing social isolation, and increasing frequency of drug use for non-medical purposes demonstrate an overall increased burden of mental health challenges. Stakeholders should consider impact on mental health in policy making and integrate improvement of mental health and well-being into program development.

¹ University of Wisconsin Population Health Institute. County Health Rankings New York State Report 2022. https://www.countyhealthrankings.org/sites/default/files/media/document/CHR2022_NY_0.pdf accessed October, 2022

APPENDIX 1-INDIVIDUAL QUESTION CHARTS

Note: Questions are listed as they appeared on the survey script. If a question was asked in the 2018 survey and the 2022 survey, a figure is included comparing the Putnam County responses by year. For the 2022 survey, figures are provided comparing the responses for each county and the response by household income in Putnam County. Percentages in the figures may not add up to 100% due to rounding. ‘Don’t know’ and ‘Refused’ have been combined into ‘Don’t know/Refused’. Due to spacing issues, any values less than or equal to 3% may not appear on the chart.

PERCEPTION OF COMMUNITY

Survey Question 1: I’m going to read you a series of statements that some people make about the area around where they live, that is, their community. For each, tell me if that statement is completely true of your community, somewhat true, not very true or not at all true for your community. **There are enough jobs that pay a living wage.**

FIGURE 1A

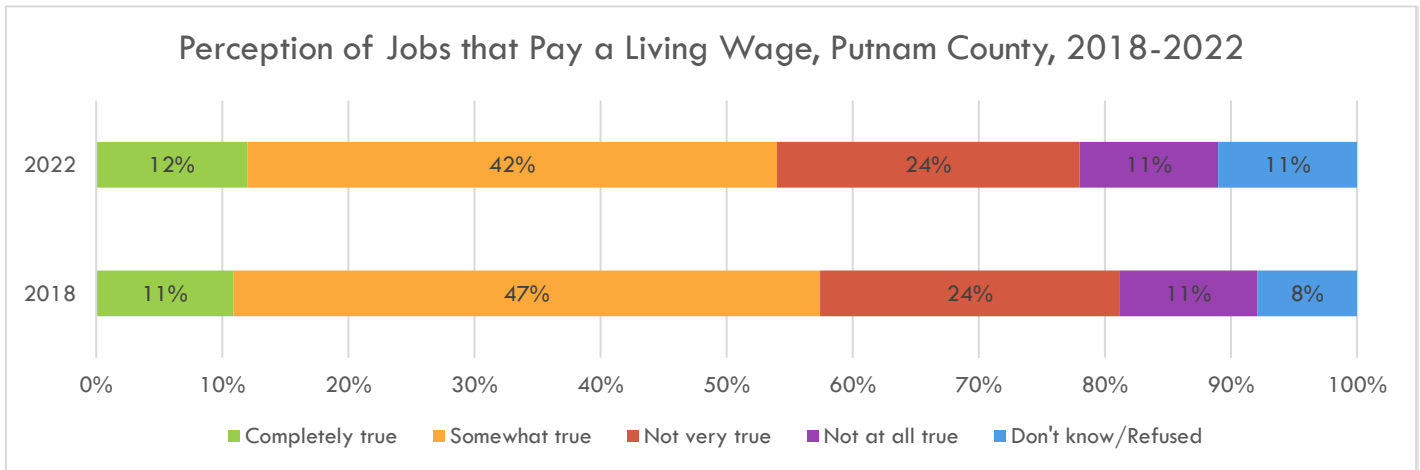


FIGURE 2A

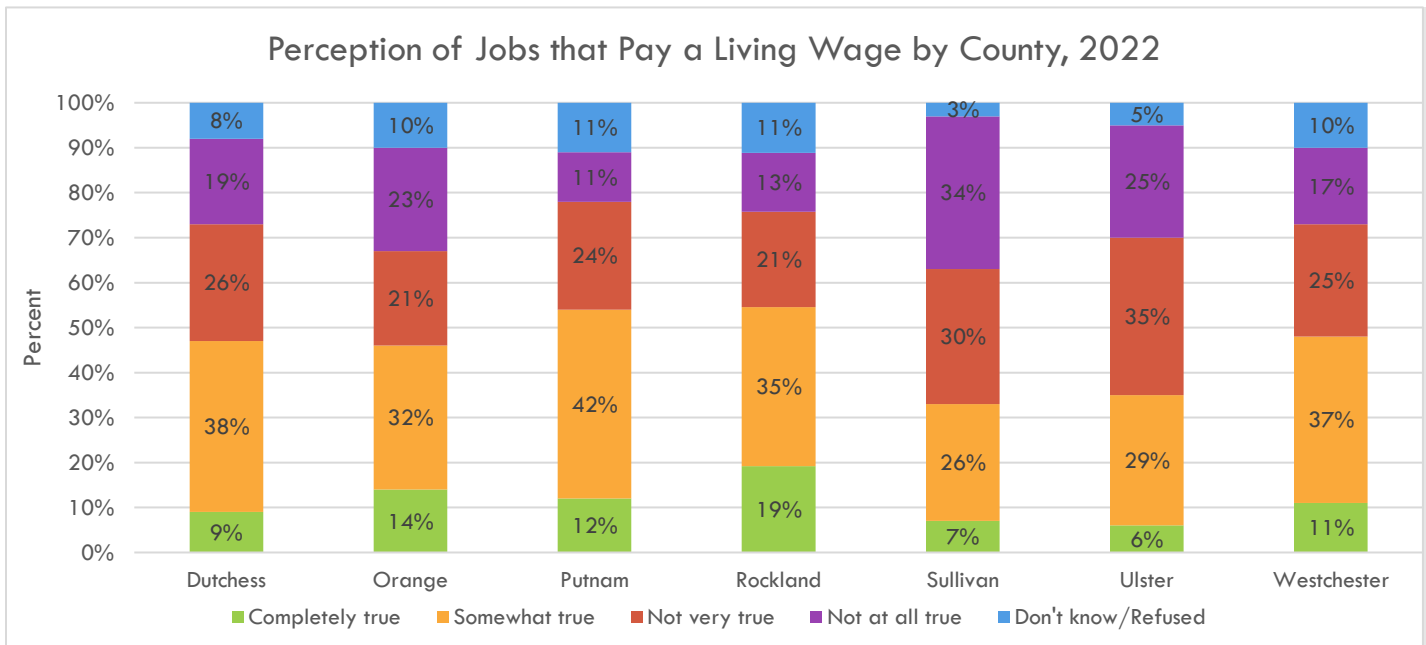
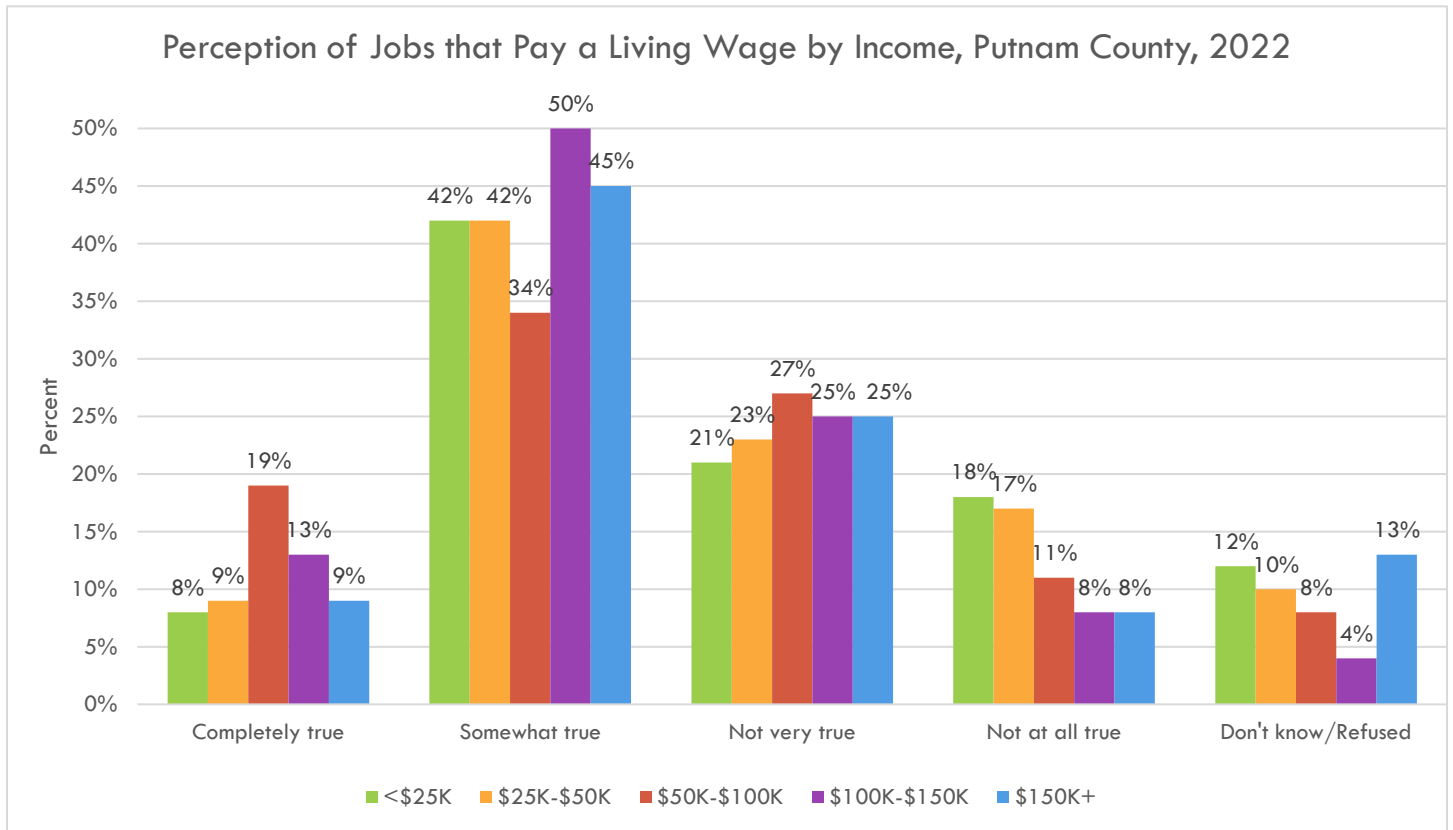


FIGURE 3A



Survey Question 2: I'm going to read you a series of statements that some people make about the area around where they live, that is, their community. For each, tell me if that statement is completely true of your community, somewhat true, not very true or not at all true for your community. **Most people are able to access affordable food that is healthy and nutritious.**

FIGURE 4A

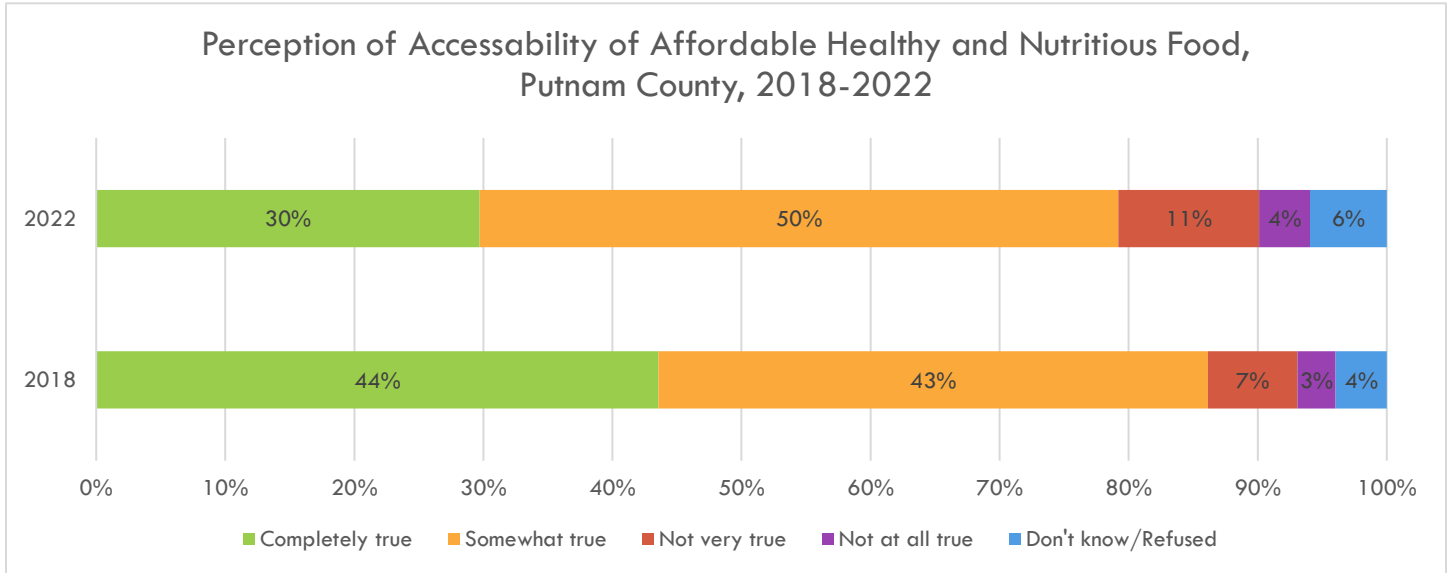


FIGURE 5A

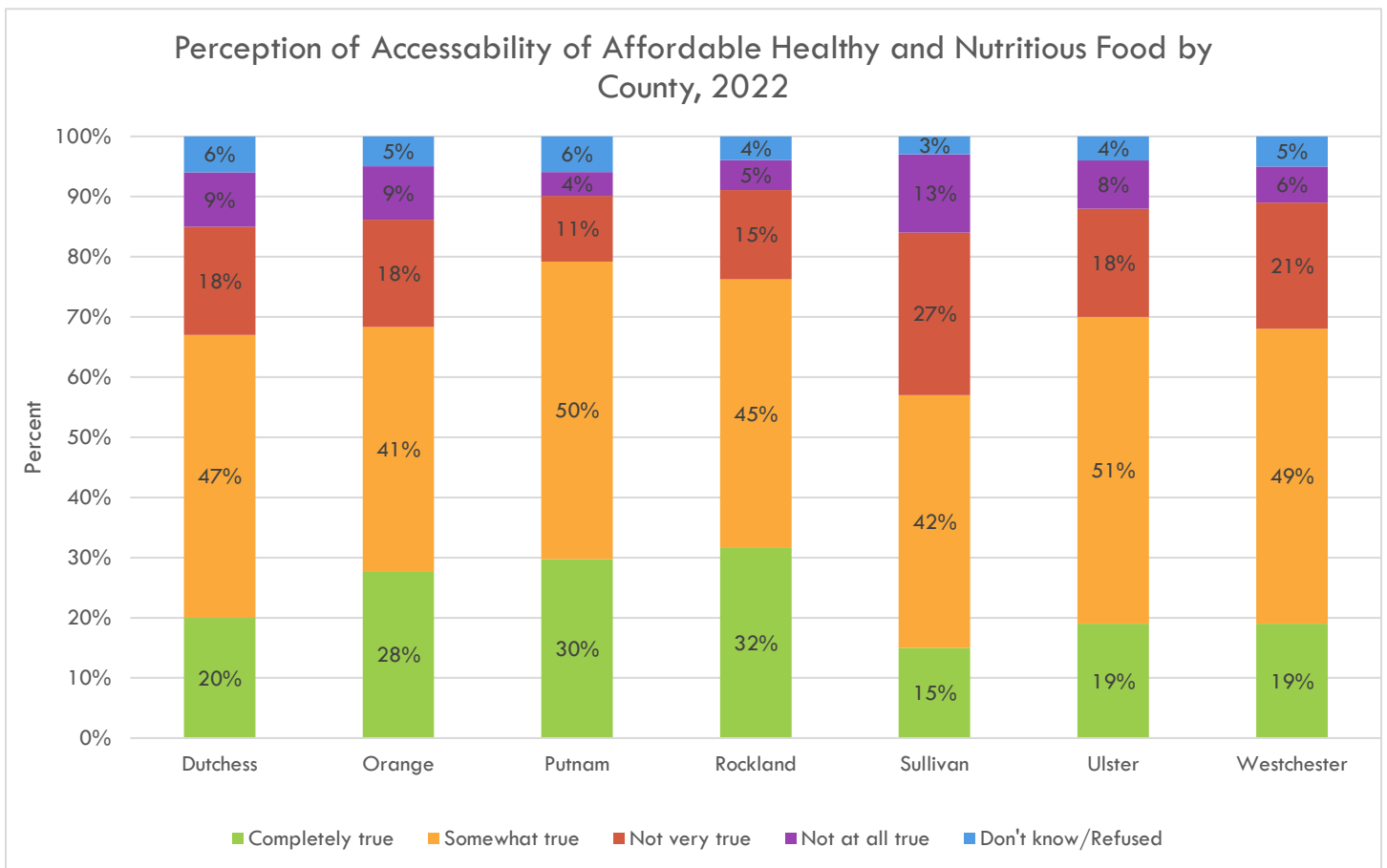
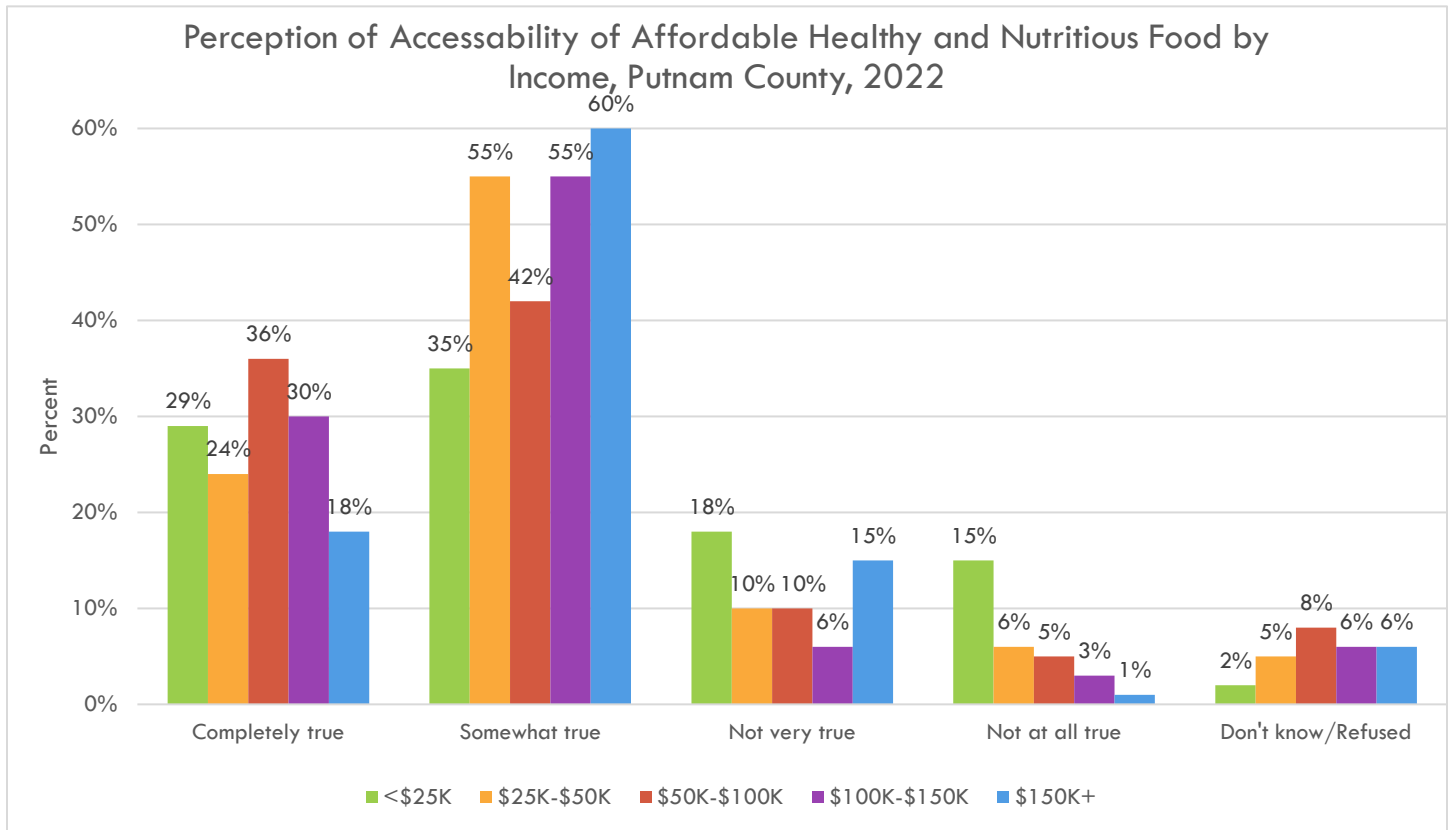


FIGURE 6A



Survey Question 3: I'm going to read you a series of statements that some people make about the area around where they live, that is, their community. For each, tell me if that statement is completely true of your community, somewhat true, not very true or not at all true for your community. **People may have a hard time finding a quality place to live due to the high cost of housing.**

FIGURE 7A

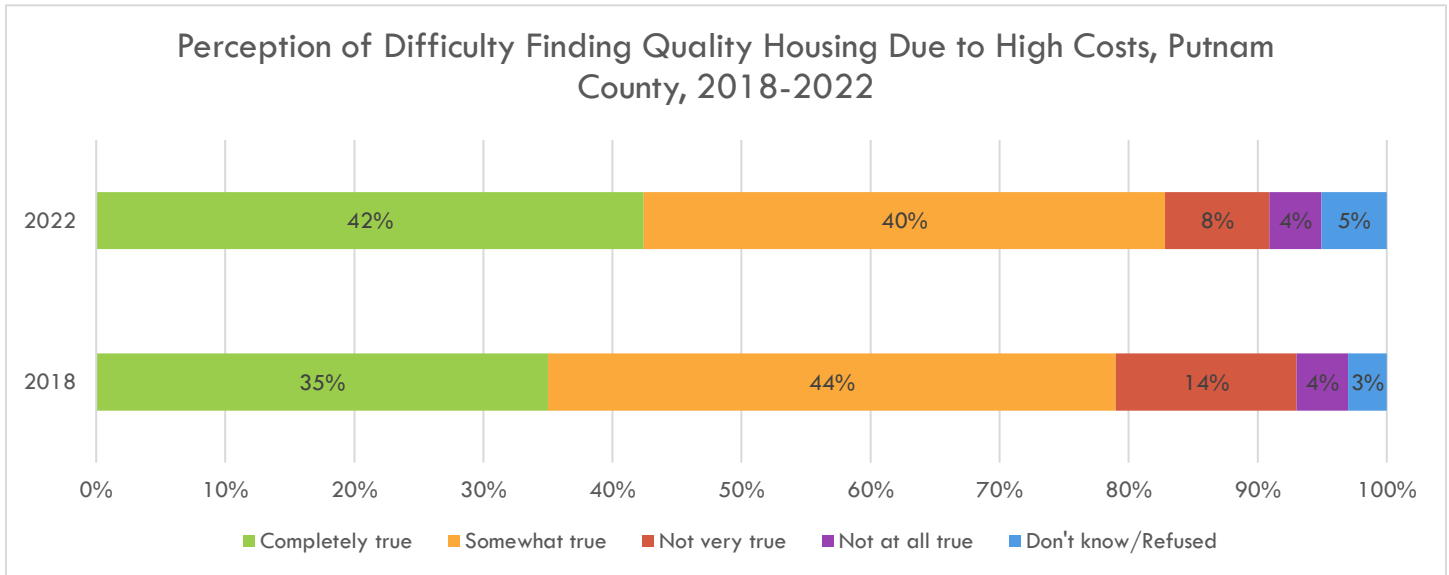


FIGURE 8A

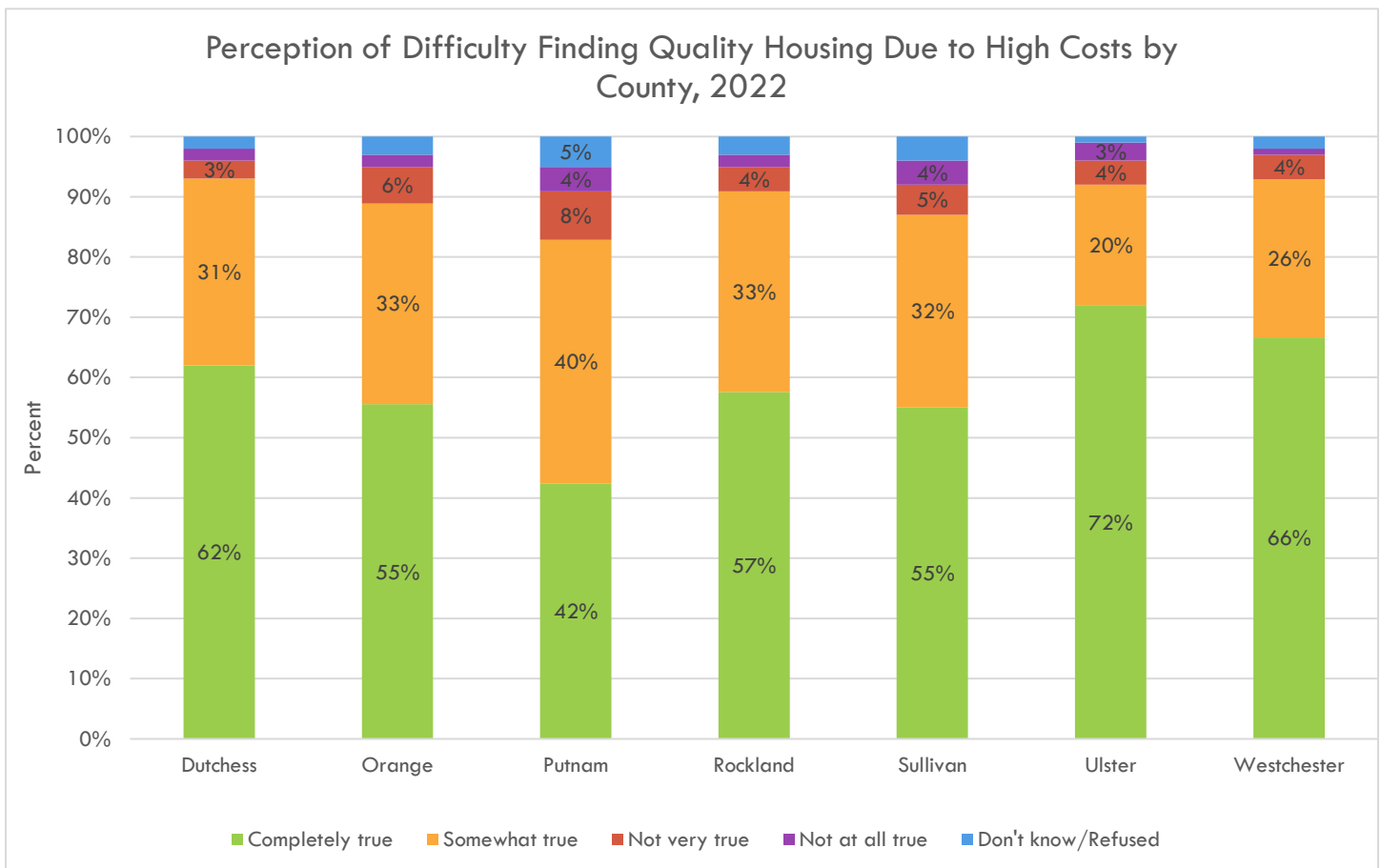
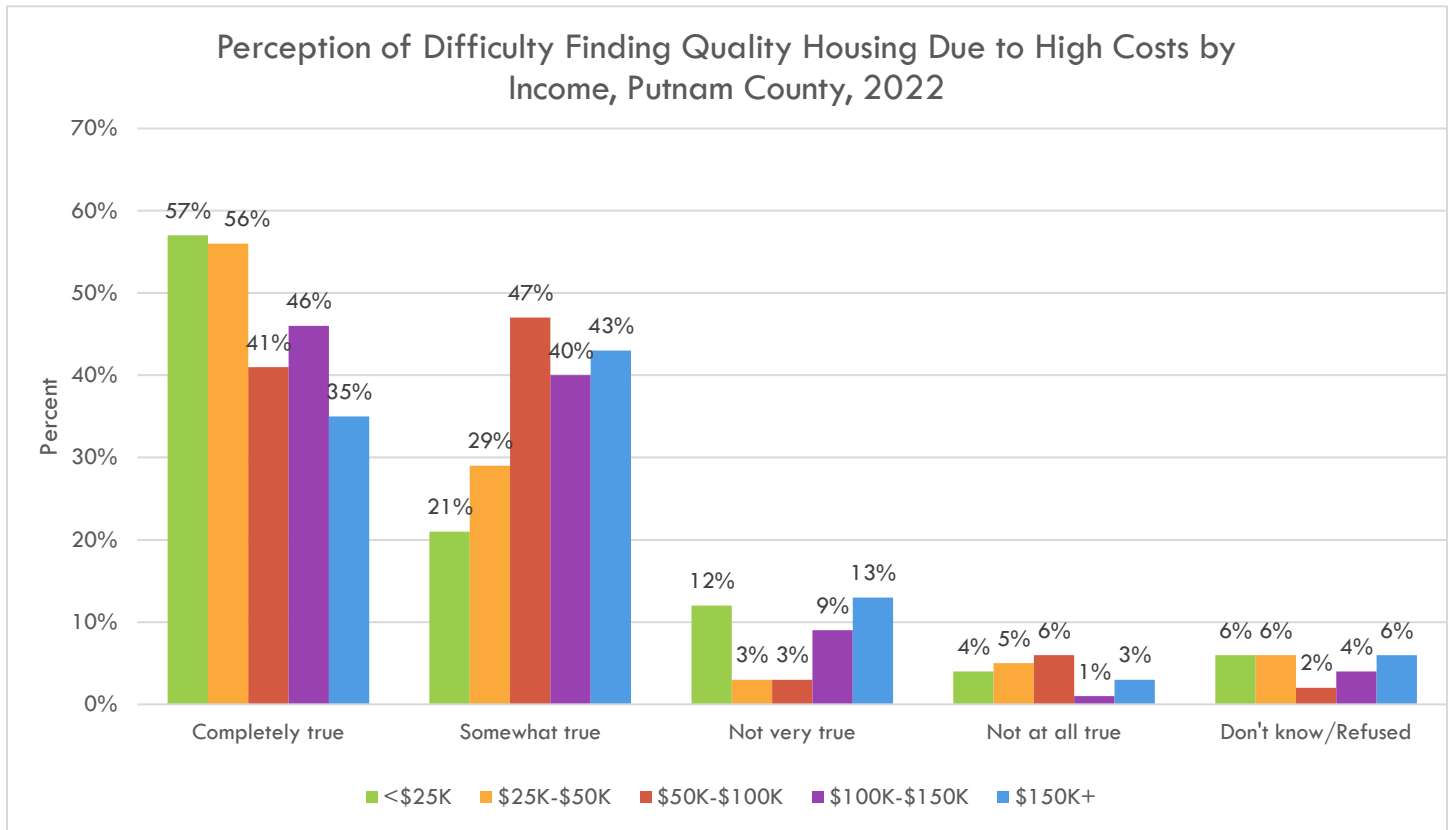


FIGURE 9A



Survey Question 4: I'm going to read you a series of statements that some people make about the area around where they live, that is, their community. For each, tell me if that statement is completely true of your community, somewhat true, not very true or not at all true for your community. **Parents struggle to find affordable, high-quality childcare.**

FIGURE 10A

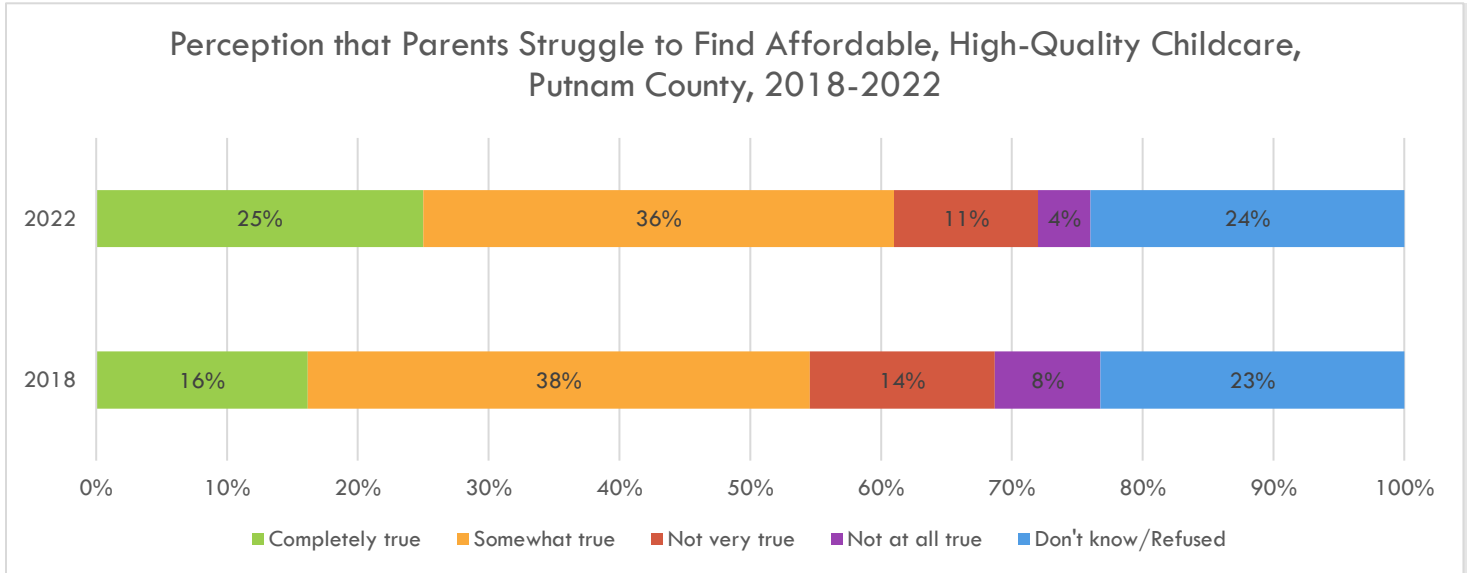


FIGURE 11A

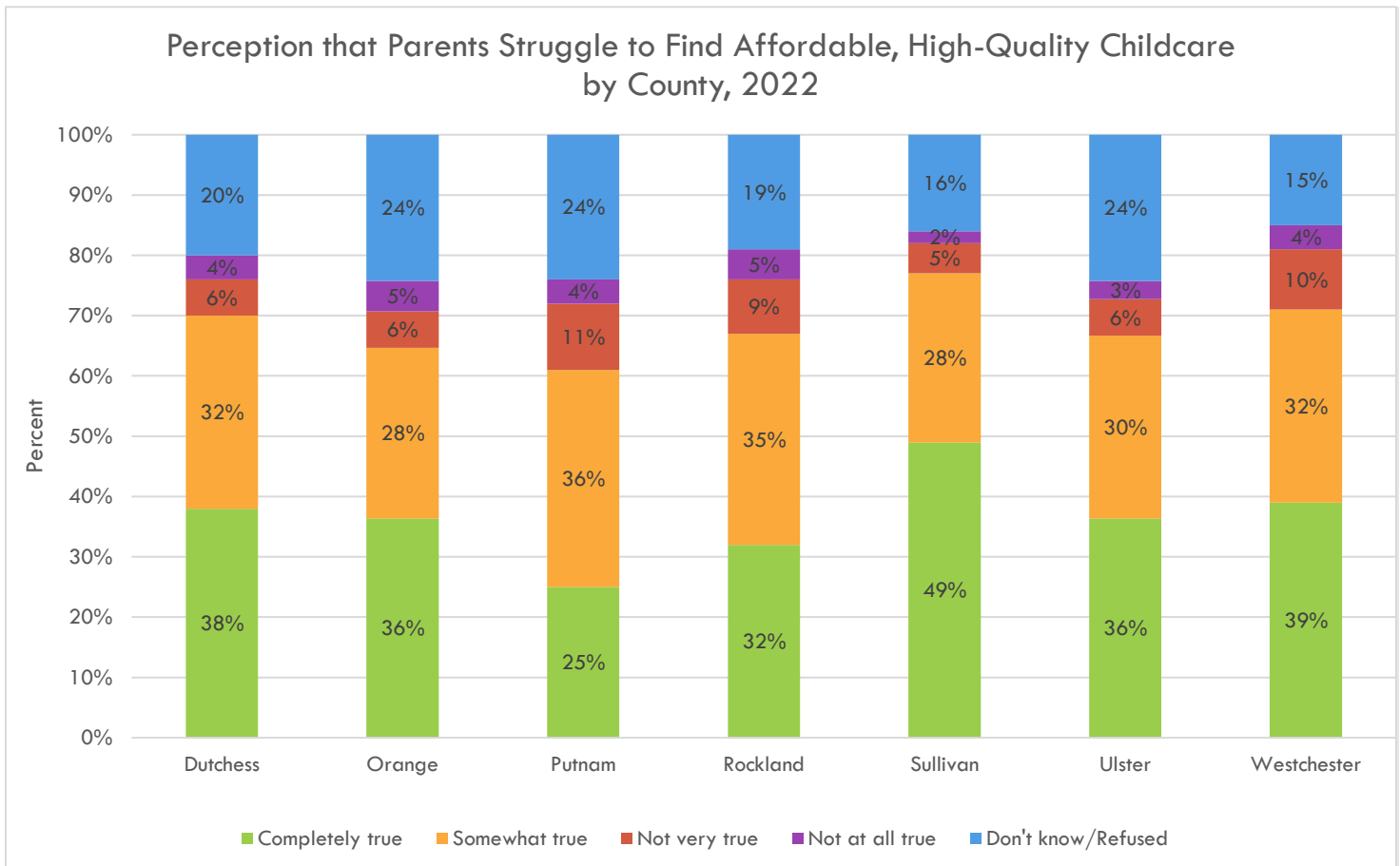
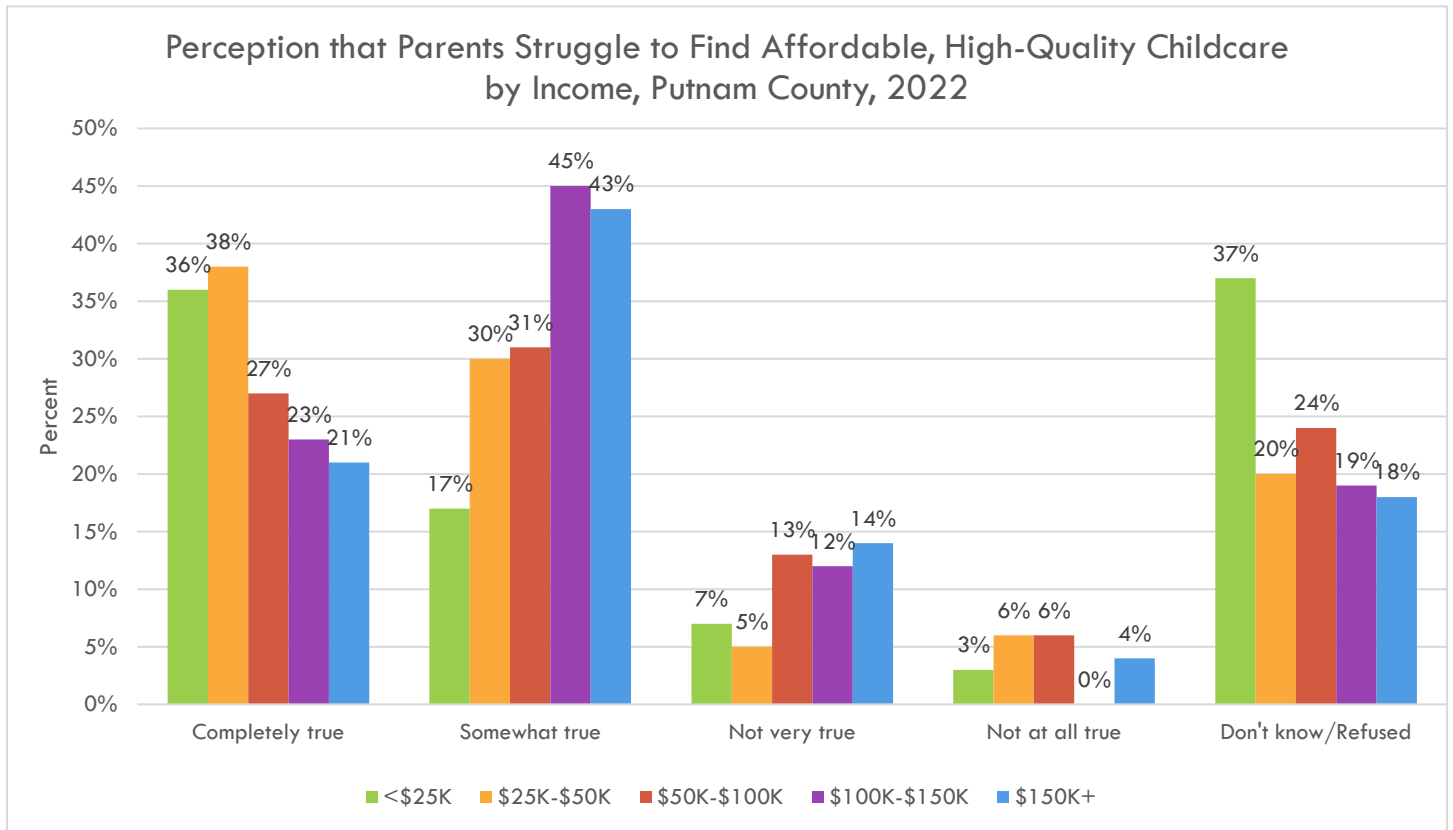


FIGURE 12A



Survey Question 5: I'm going to read you a series of statements that some people make about the area around where they live, that is, their community. For each, tell me if that statement is completely true of your community, somewhat true, not very true or not at all true for your community. **There are sufficient, quality mental health providers.**

FIGURE 13A

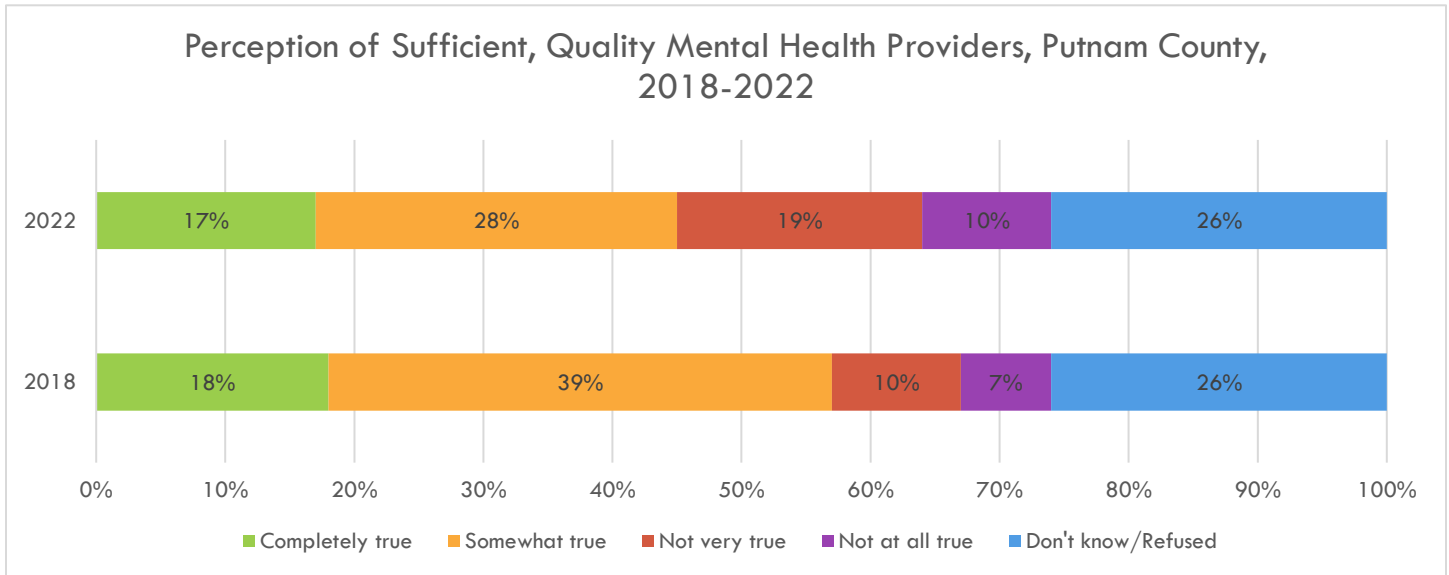


FIGURE 14A

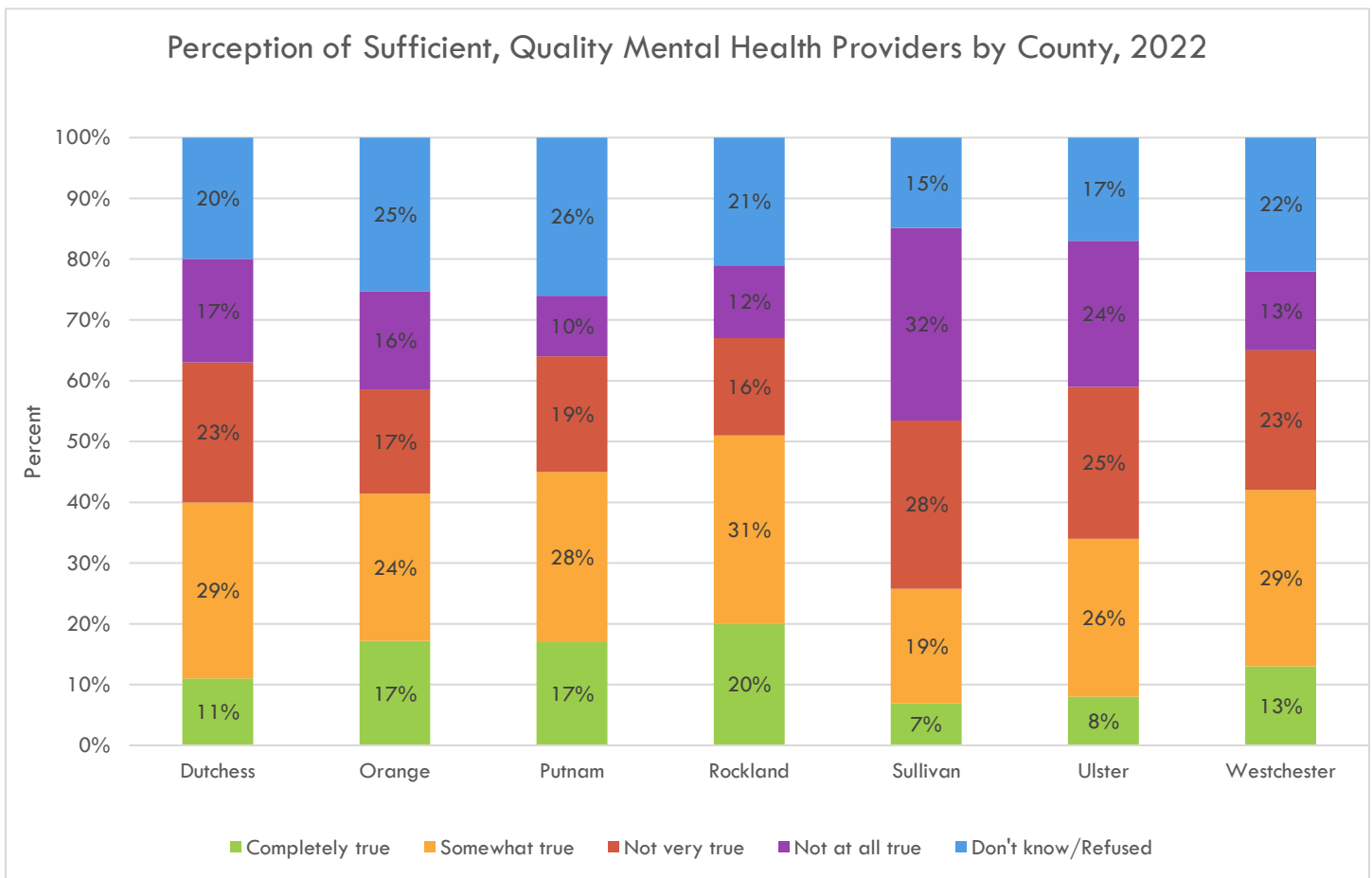
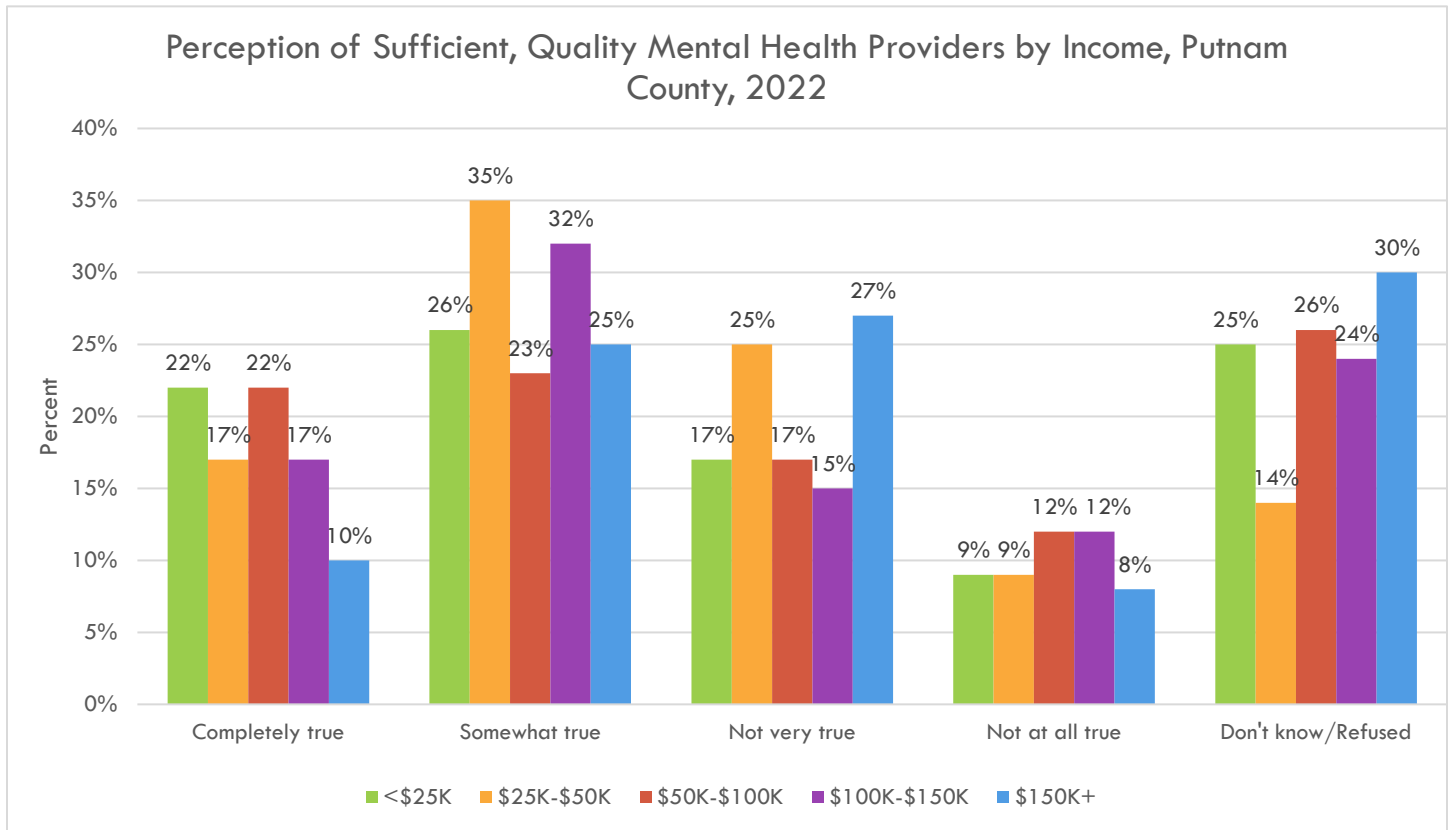


FIGURE 15A



Survey Question 6: I'm going to read you a series of statements that some people make about the area around where they live, that is, their community. For each, tell me if that statement is completely true of your community, somewhat true, not very true or not at all true for your community. **Local government and/or local health departments, do a good job keeping citizens aware of potential public health threats.**

FIGURE 16A

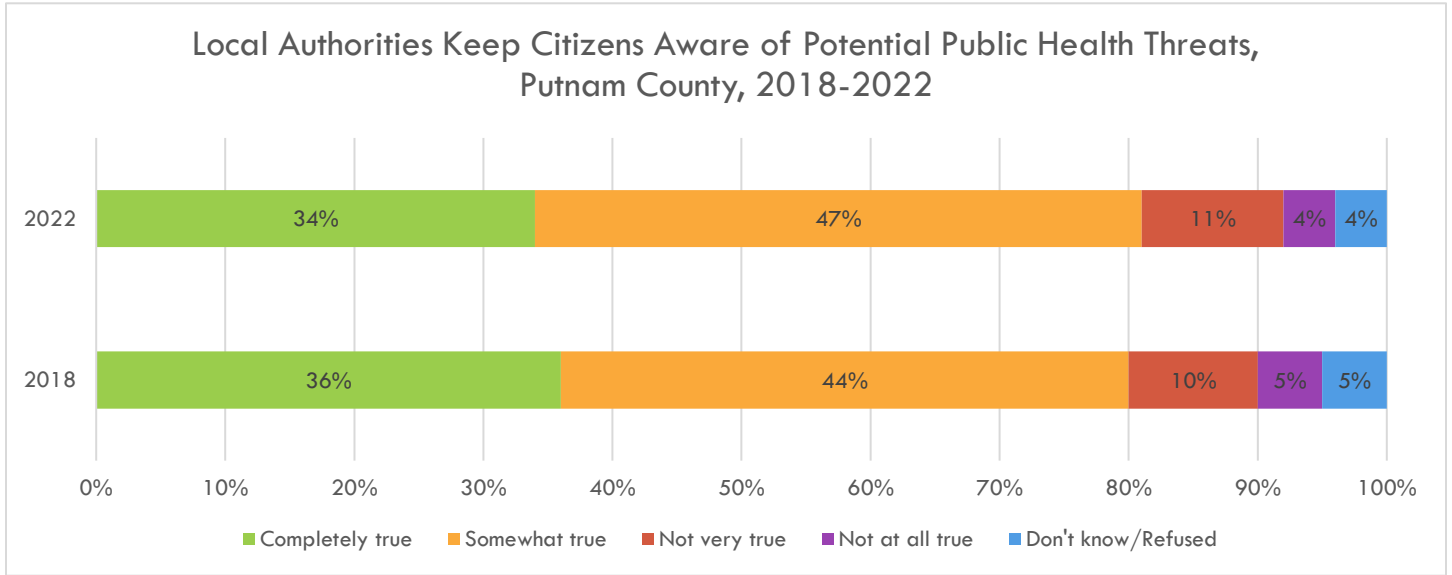


FIGURE 17A

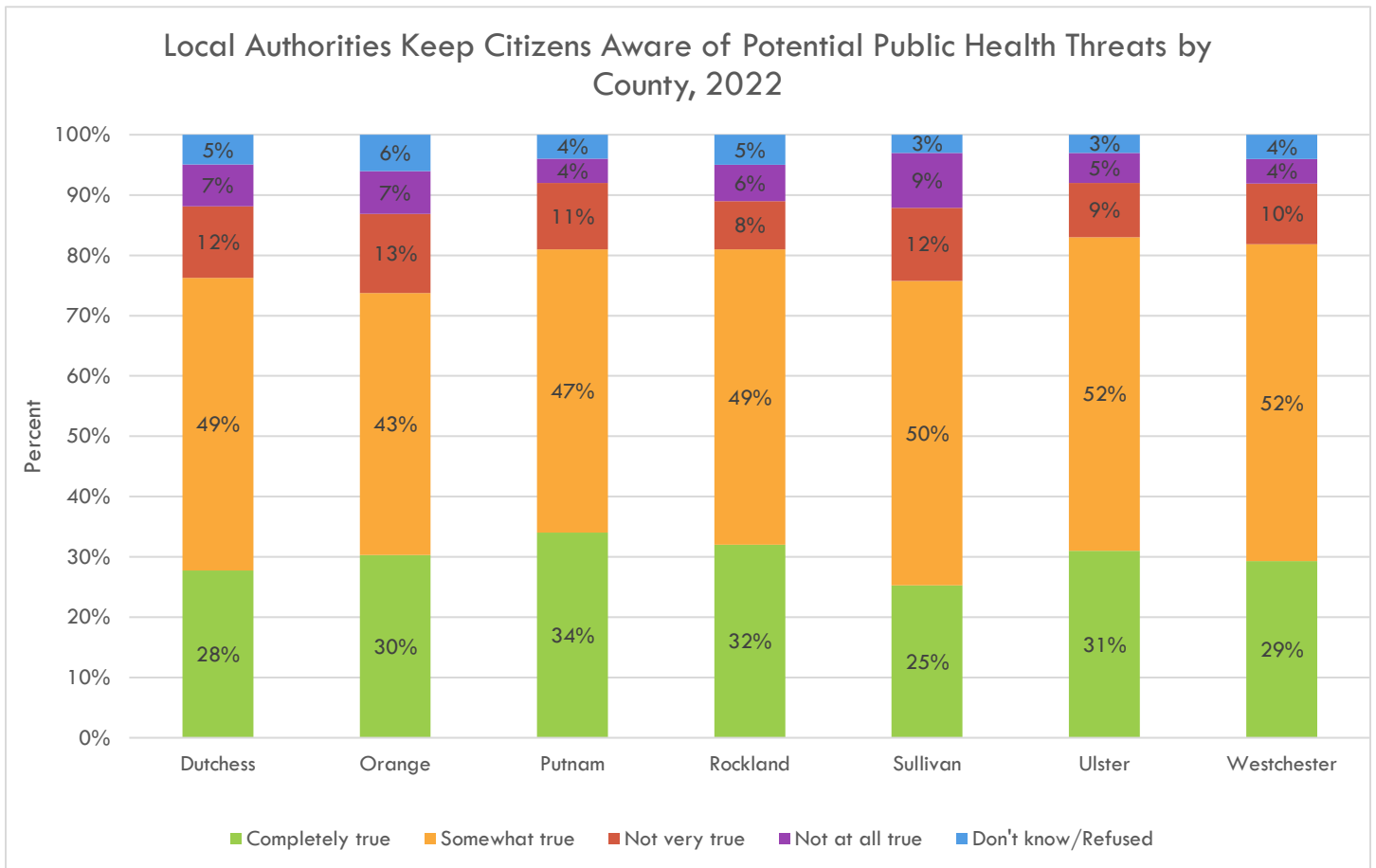
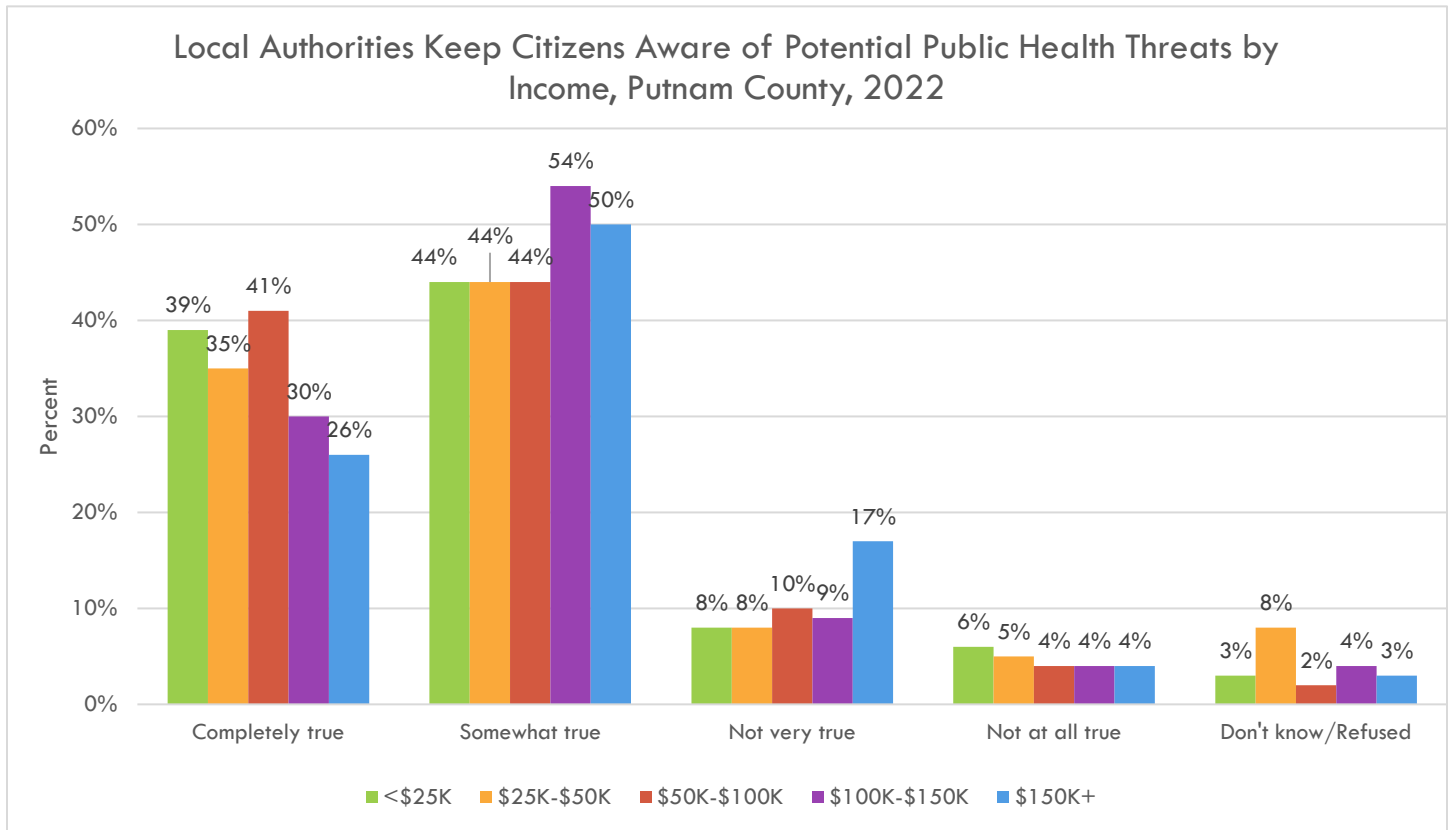


FIGURE 18A



Survey Question 7: I'm going to read you a series of statements that some people make about the area around where they live, that is, their community. For each, tell me if that statement is completely true of your community, somewhat true, not very true or not at all true for your community. **There are places in this community where people just don't feel safe.**

FIGURE 19A

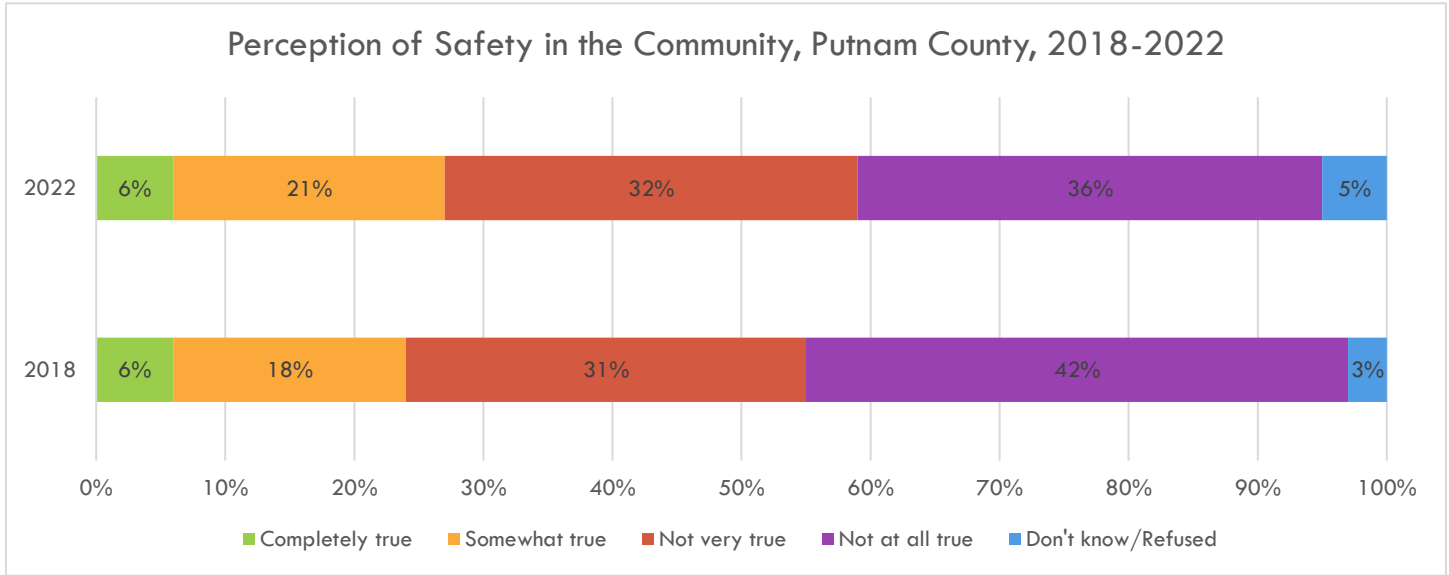


FIGURE 20A

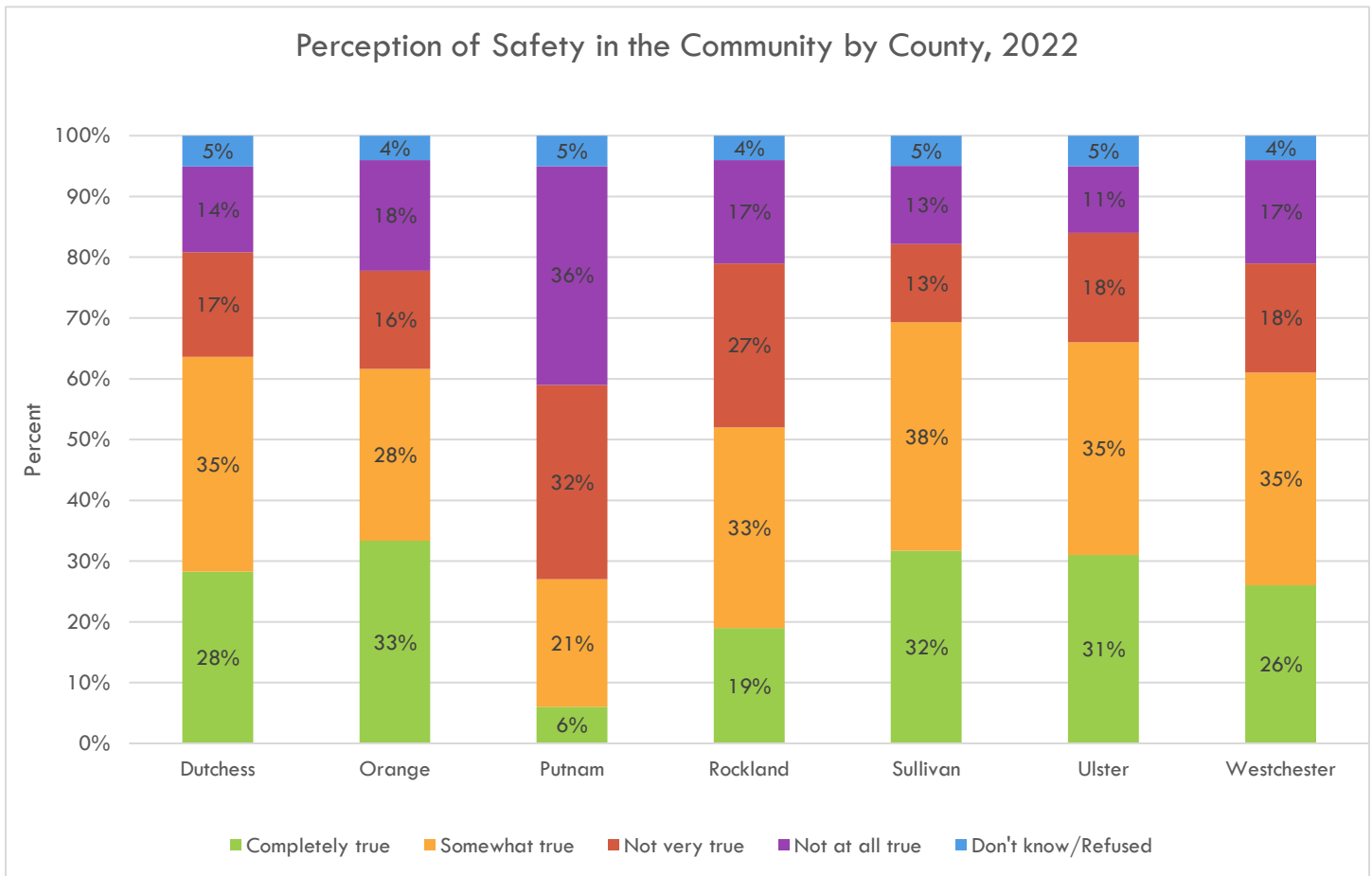
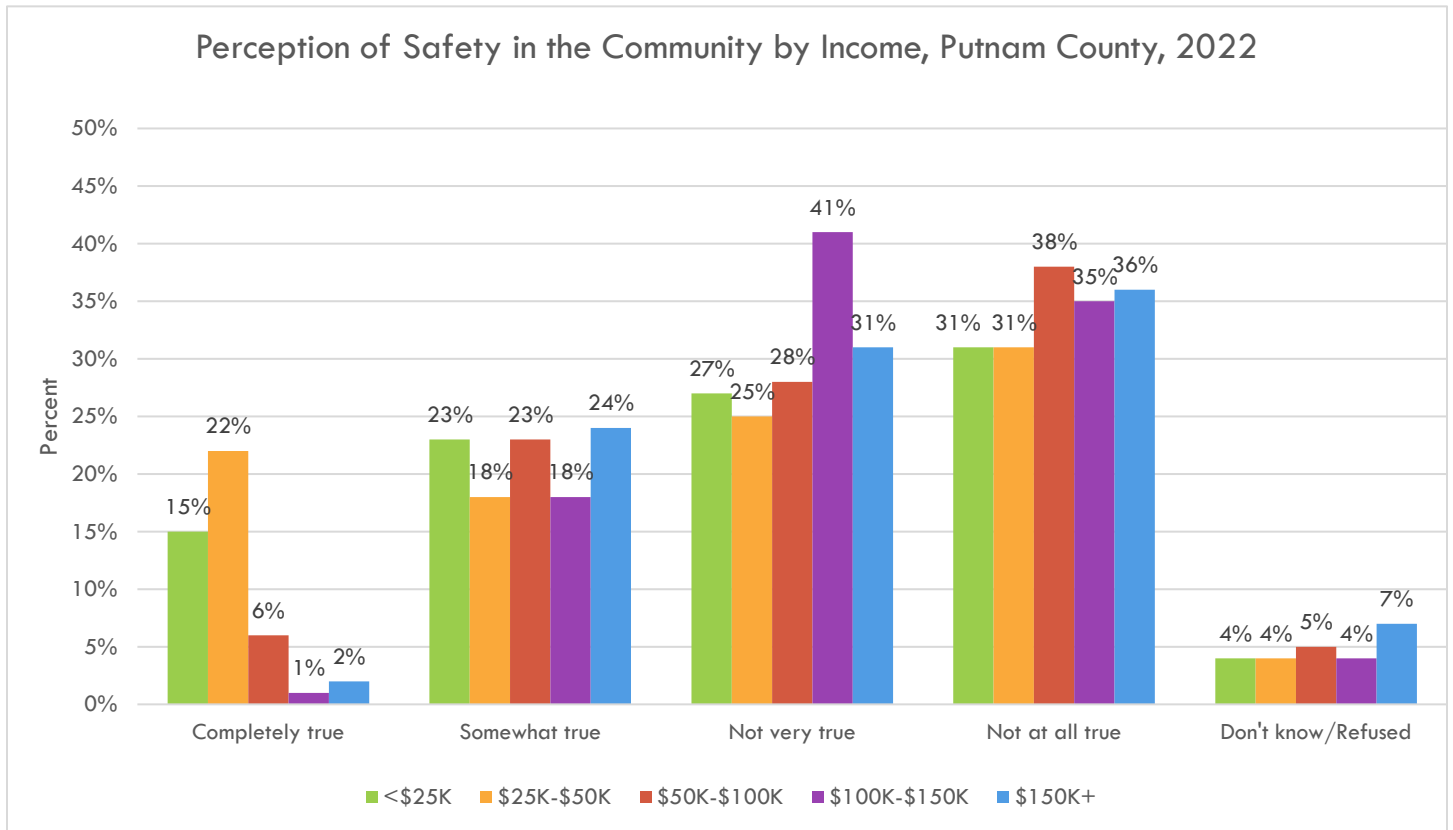


FIGURE 21A



Survey Question 8: I'm going to read you a series of statements that some people make about the area around where they live, that is, their community. For each, tell me if that statement is completely true of your community, somewhat true, not very true or not at all true for your community. **People can get to where they need using public transportation.**

FIGURE 22A

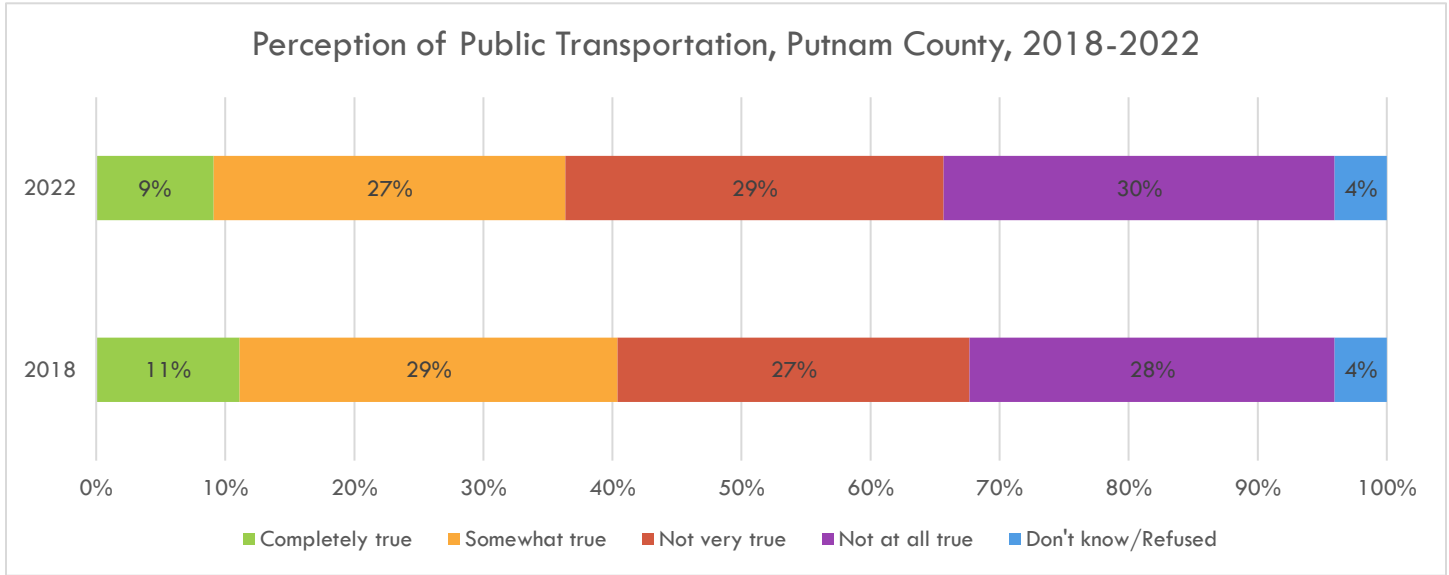


FIGURE 23A

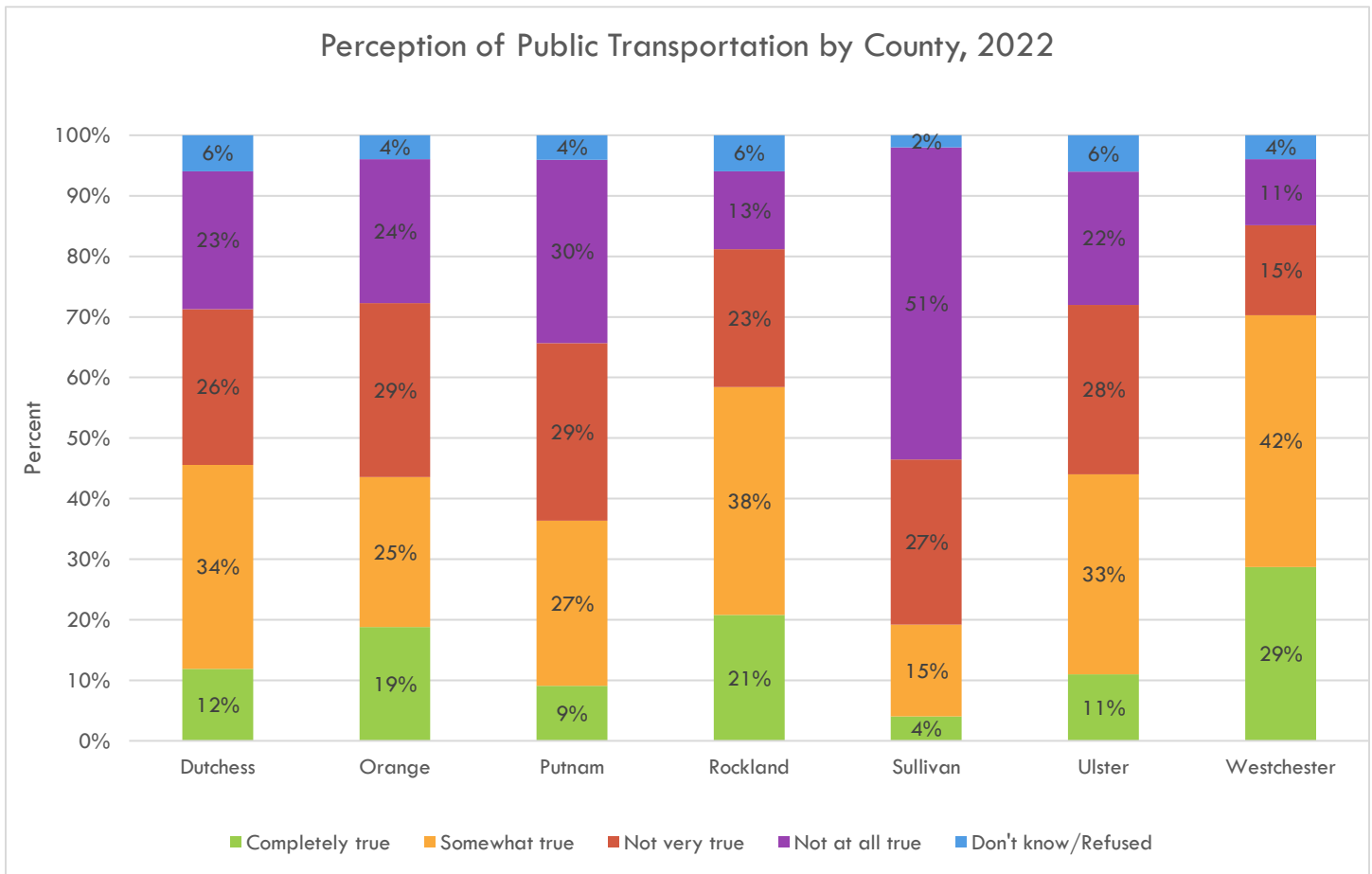
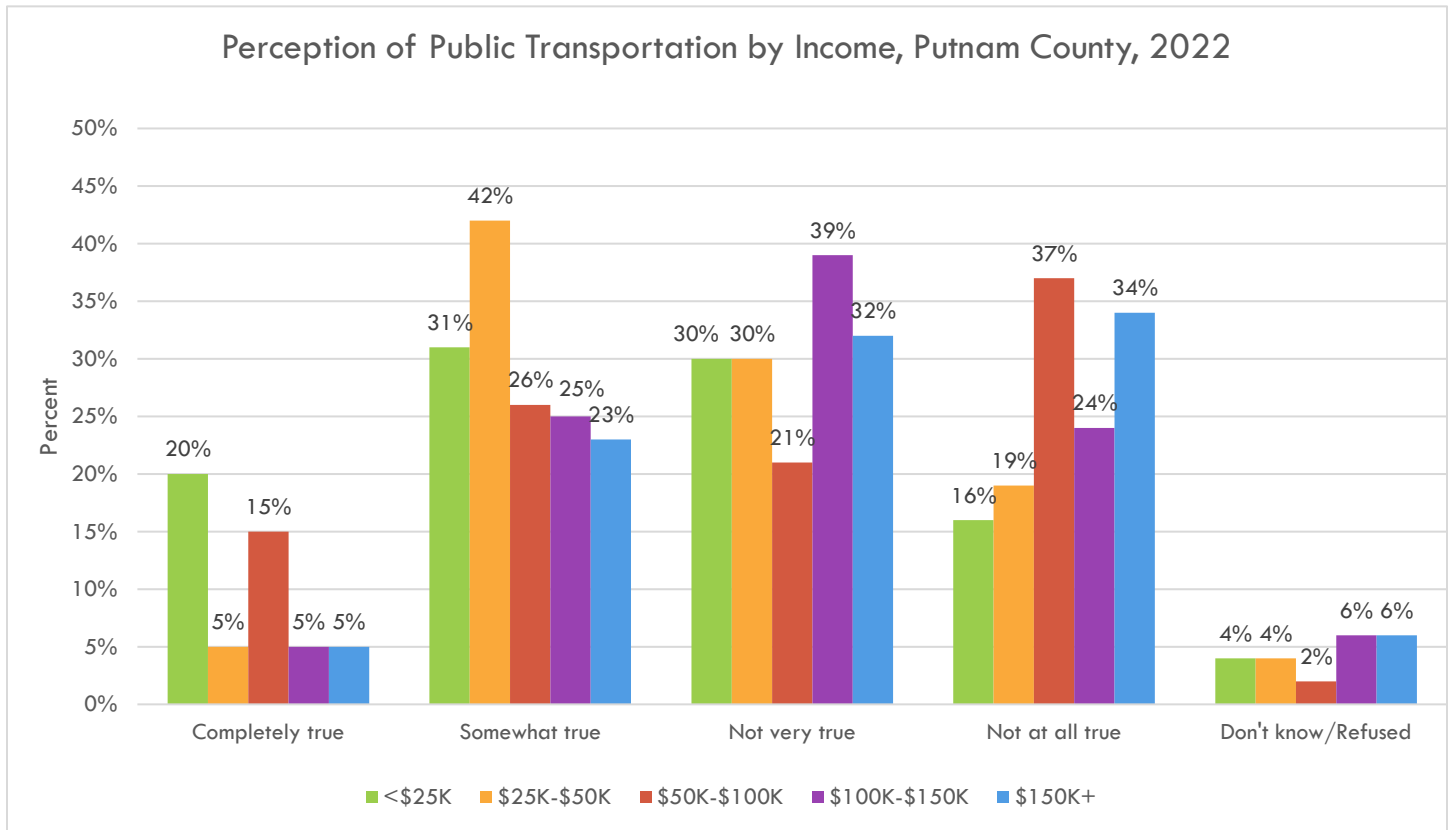


FIGURE 24A



Survey Question 9: Overall, how would you rate the quality of information you receive from county agencies during public emergencies, such as weather events or disease outbreaks? Would you say it is excellent, good, fair or poor?

FIGURE 25A

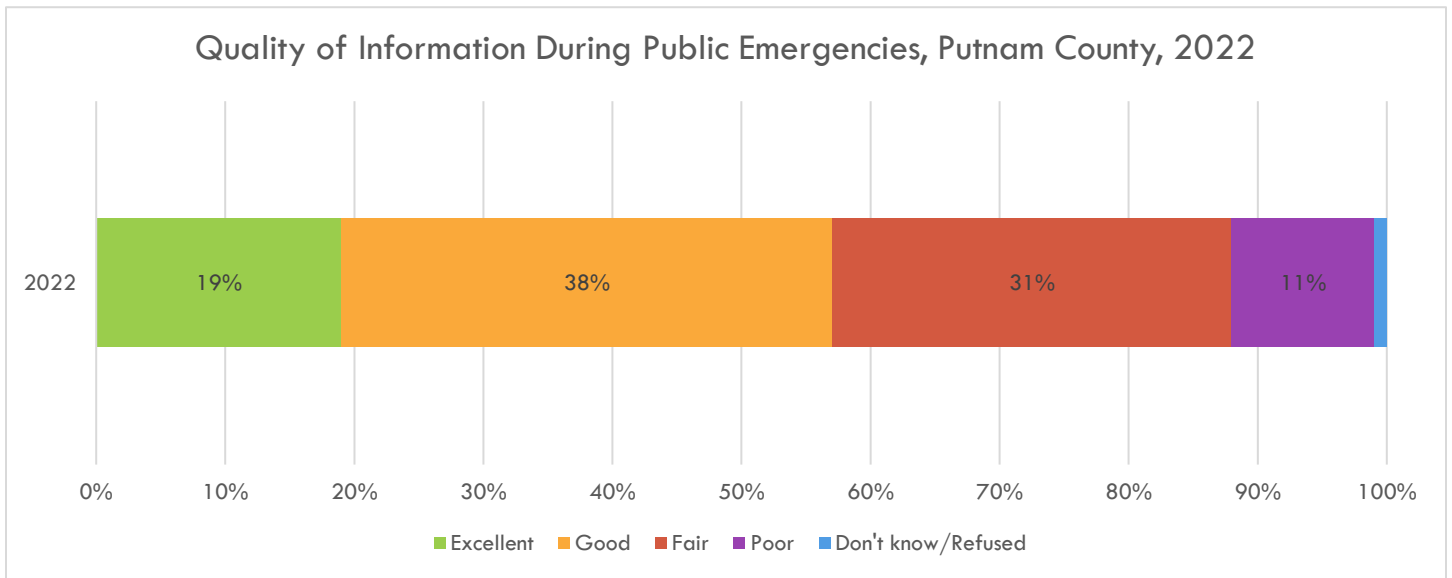


FIGURE 26A

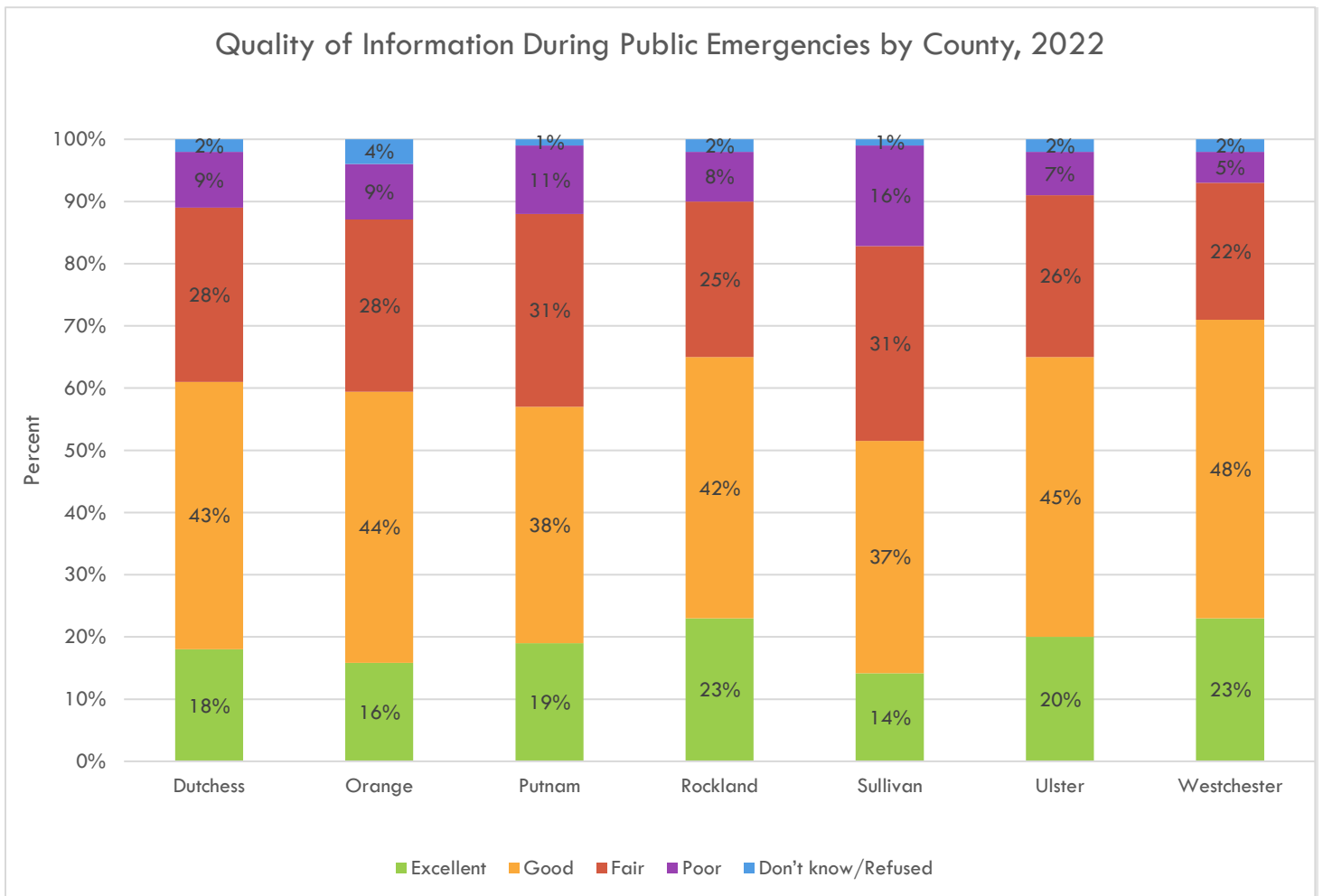
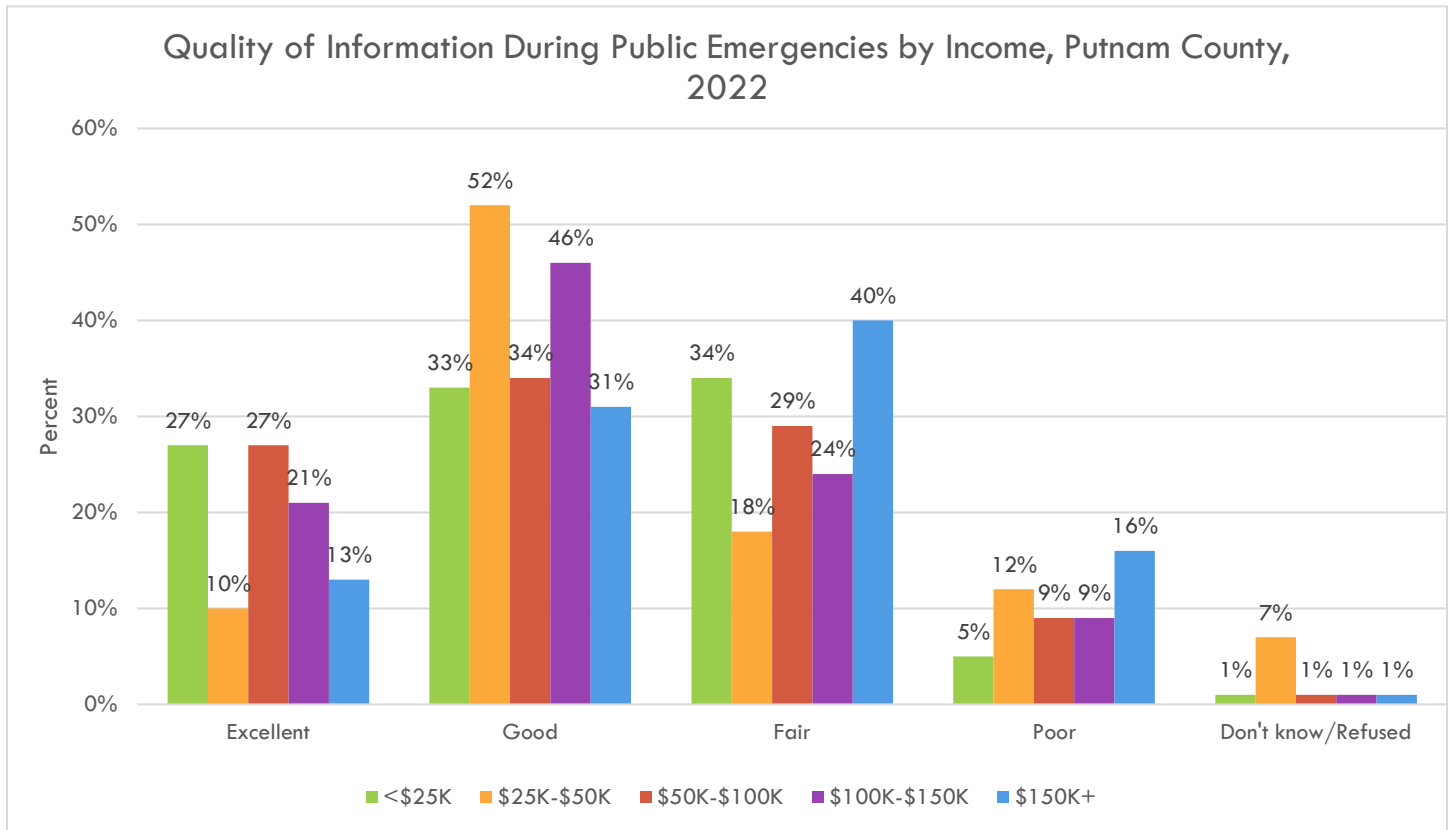


FIGURE 27A



SELF REPORTED RATINGS OF HEALTH

Survey Question 10: In general, how would you rate your physical health? Would you say that your physical health is excellent, good, fair or poor? (Survey question 2018: Q6. In general, how would you rate your health? Would you say that your health is excellent, good, fair or poor?)

FIGURE 28A

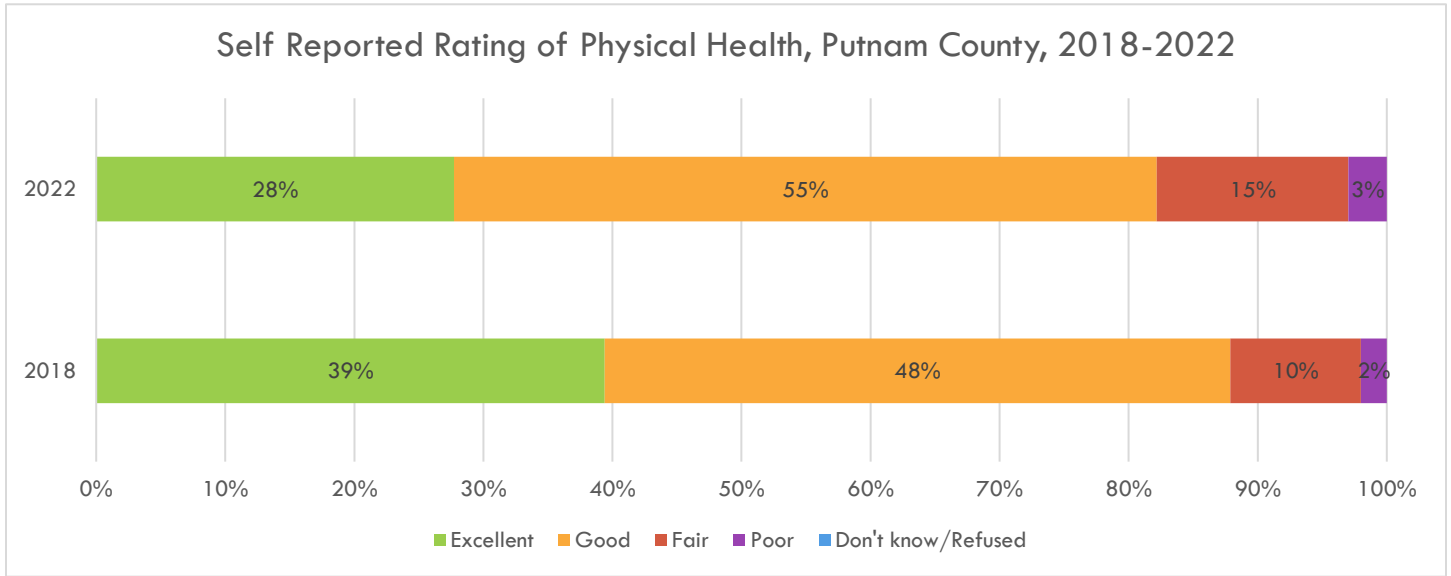


FIGURE 29A

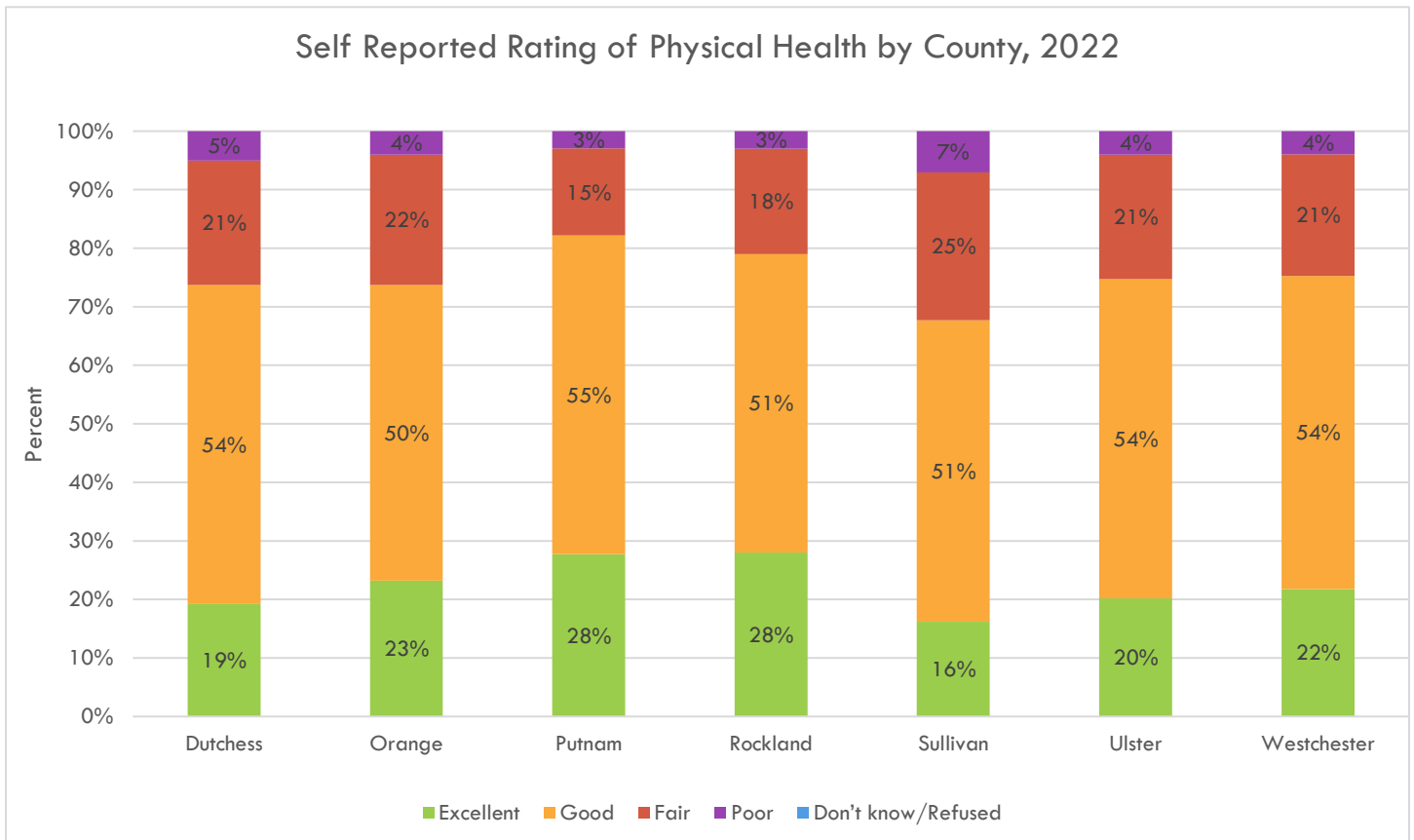
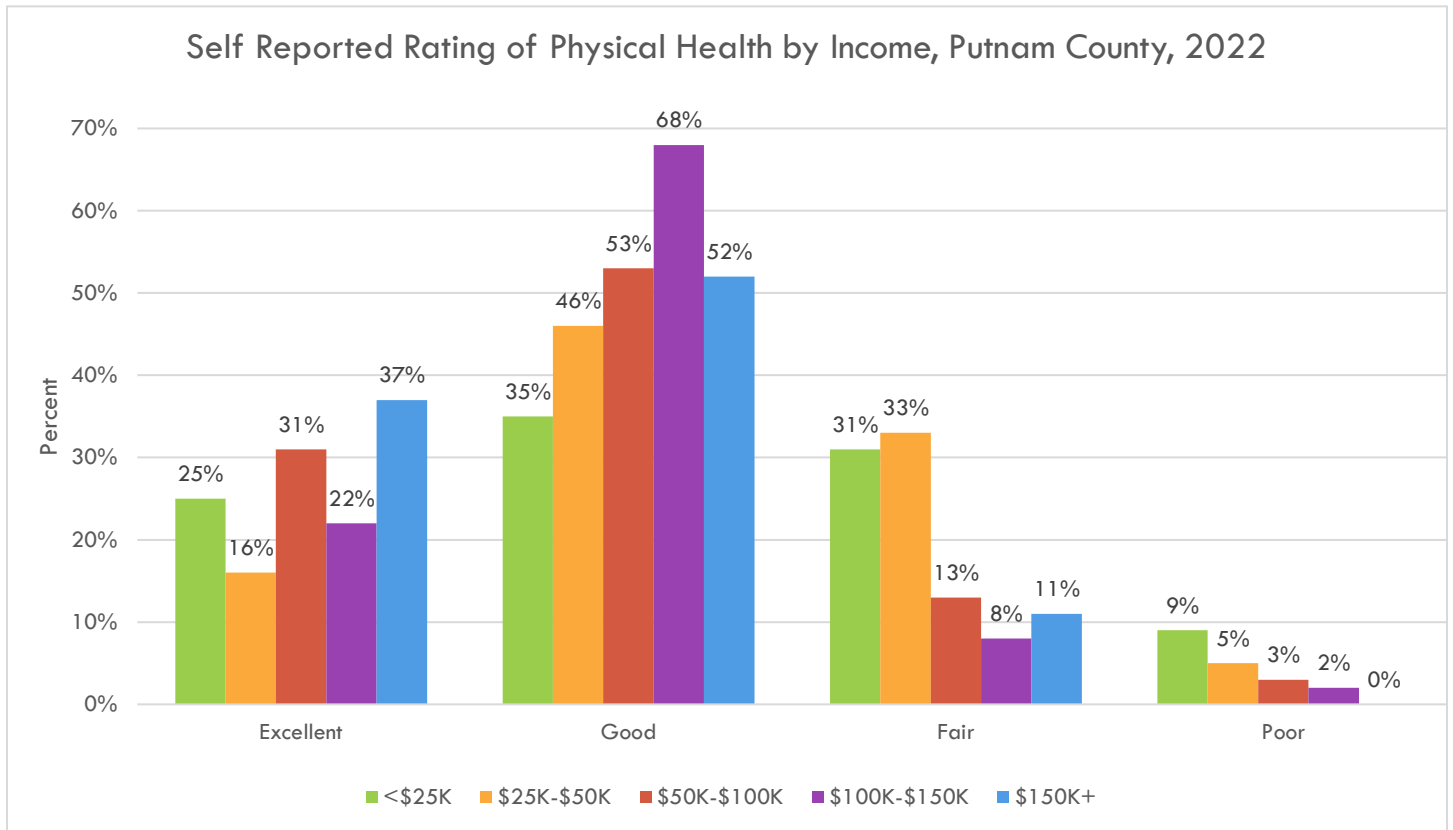


FIGURE 30A



Survey Question 11: *Mental health involves emotional, psychological and social well-being. How would you rate your overall mental health? Would you say that your mental health is excellent, good, fair or poor?*

FIGURE 31A

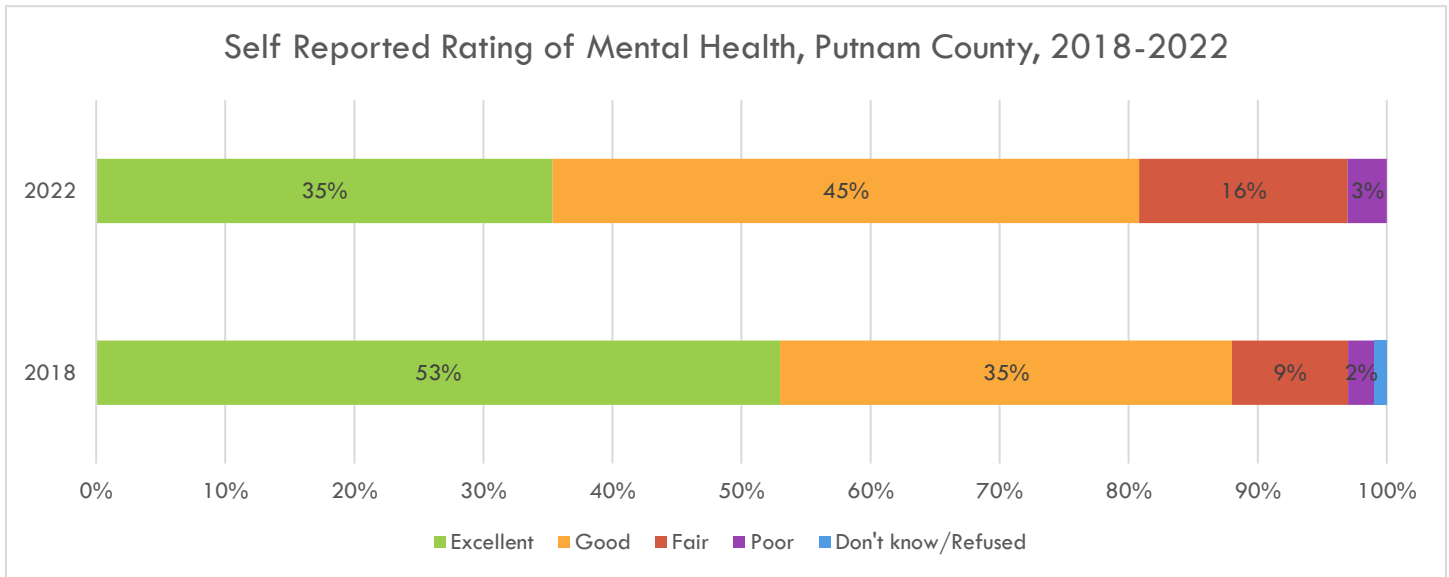


FIGURE 32A

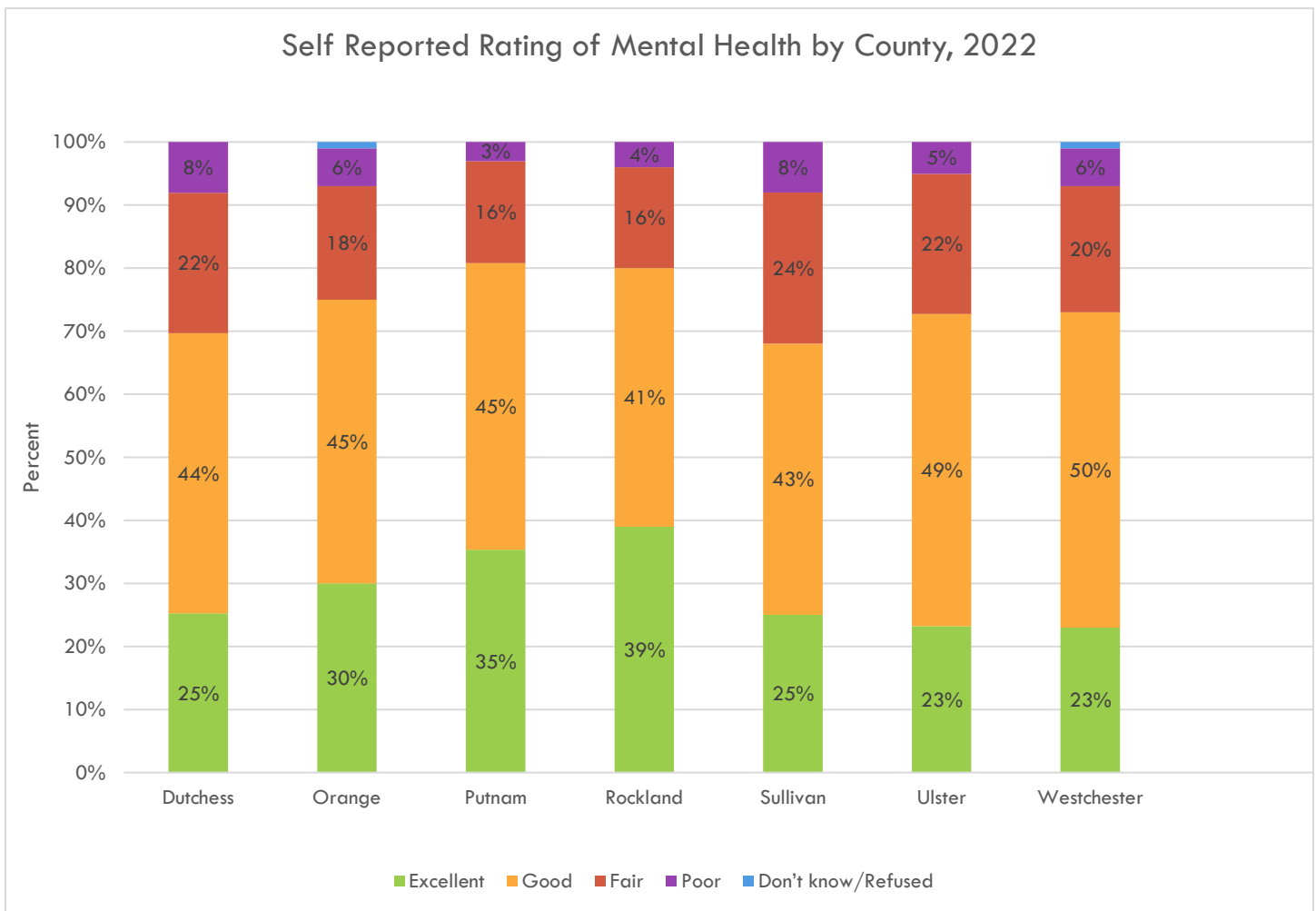
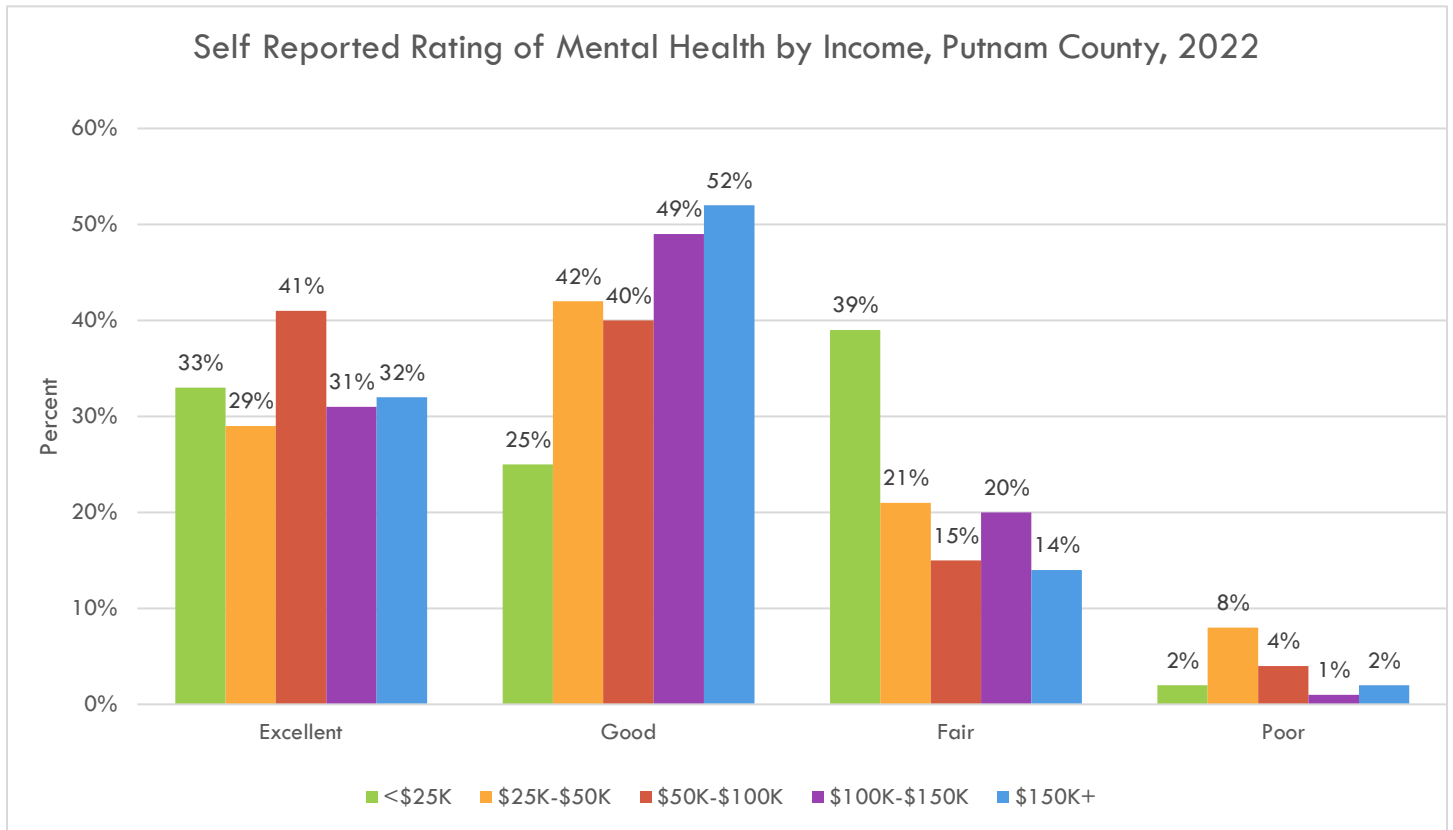


FIGURE 33A



HEALTH BEHAVIORS

Survey Question 12: Thinking back over the past 12 months, for each of the following statements I read, tell me how many days in an AVERAGE WEEK you did each. **Over the past 12 months how many days in an average week did you eat a balanced, healthy diet?**

FIGURE 34A

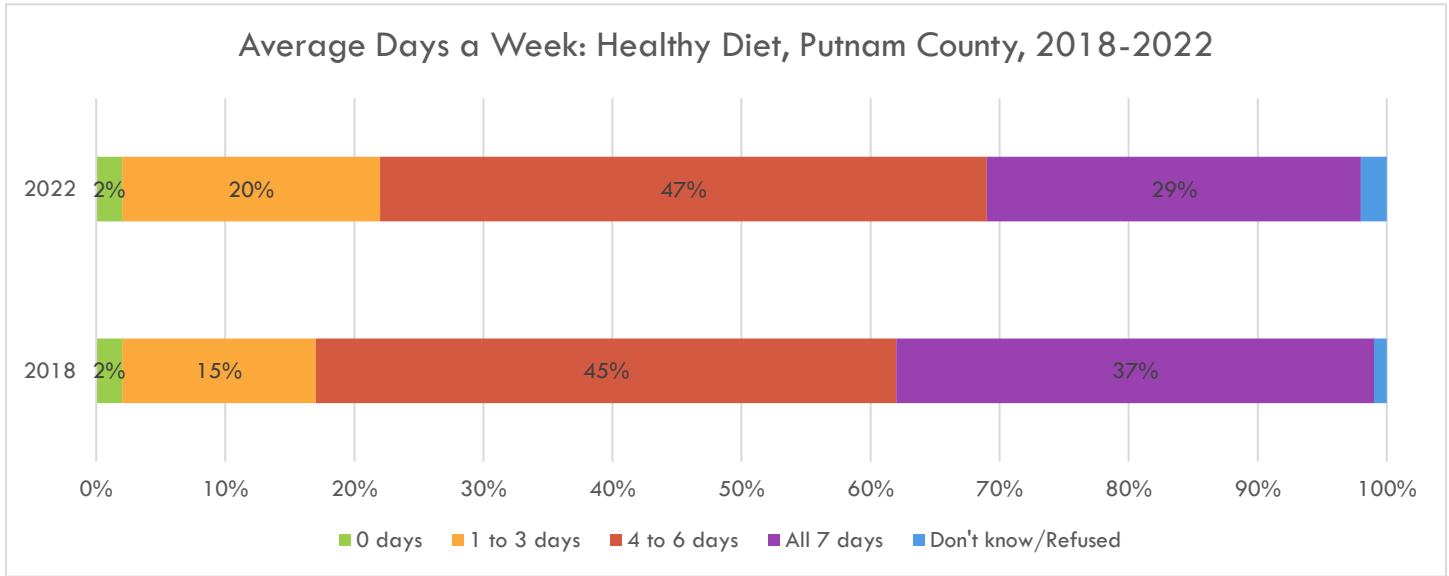


FIGURE 35A

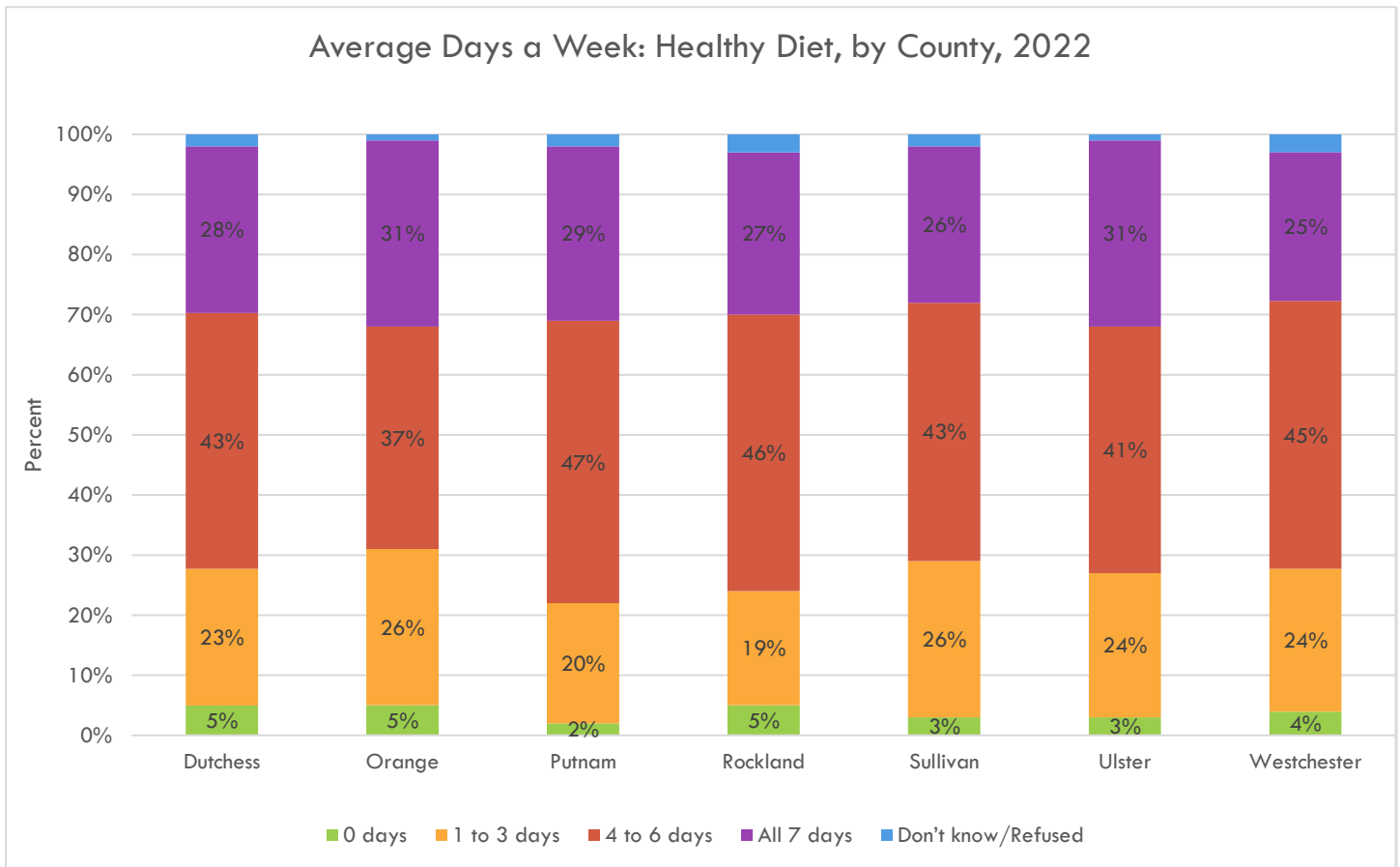
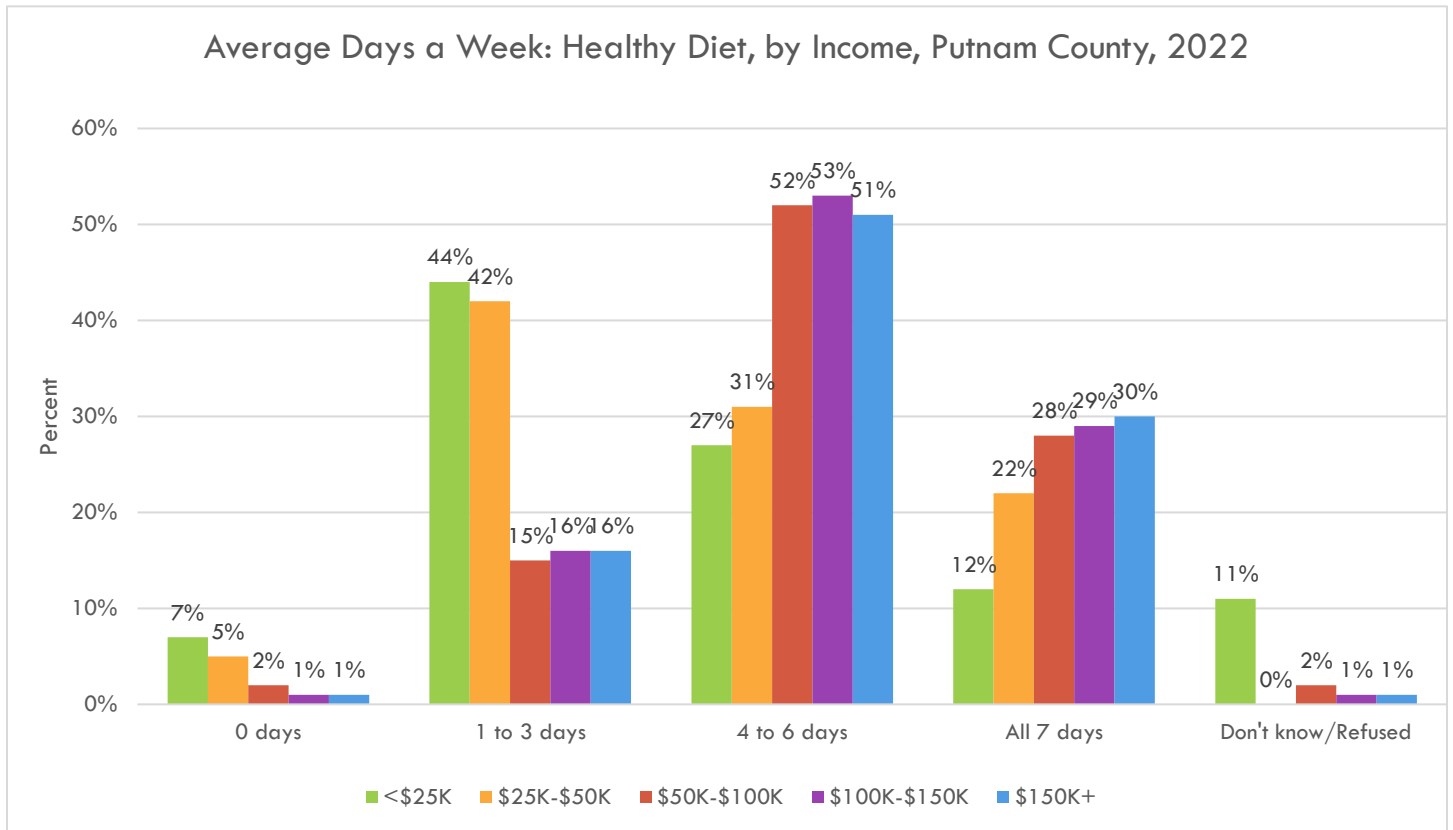


FIGURE 36A



Survey Question 13: Thinking back over the past 12 months, for each of the following statements I read, tell me how many days in an AVERAGE WEEK you did each. Over the past 12 months how many days in an average week did you exercise for 30 minutes or more a day?

FIGURE 37A

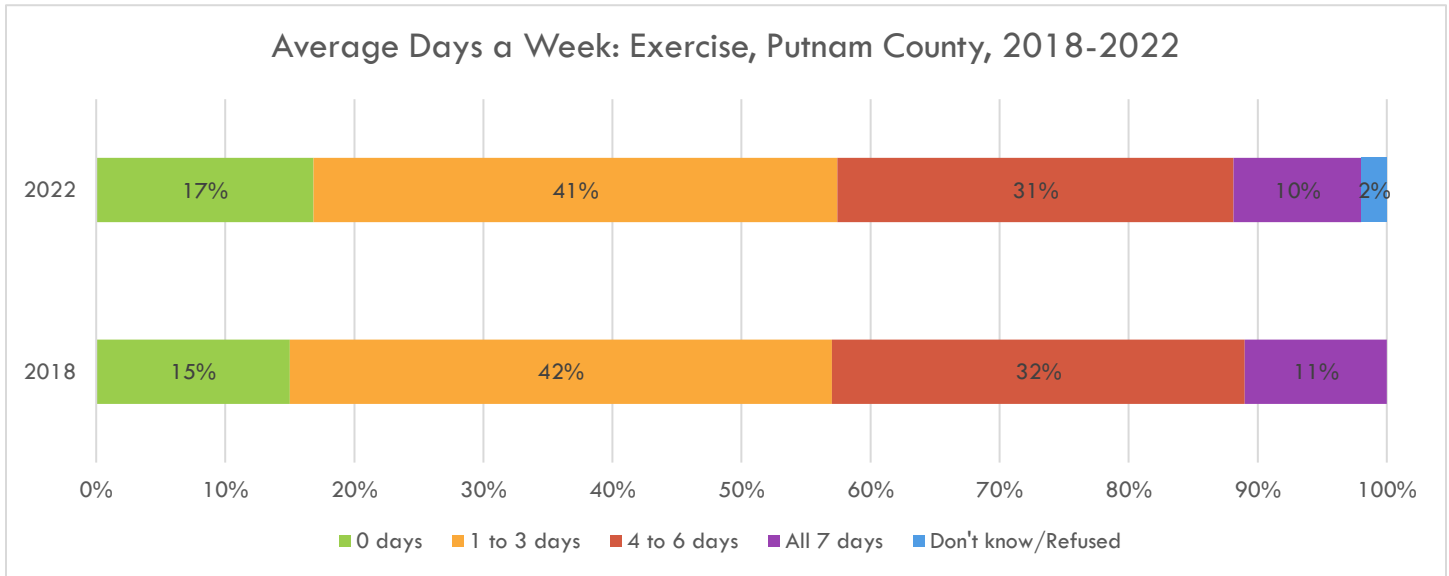


FIGURE 38A

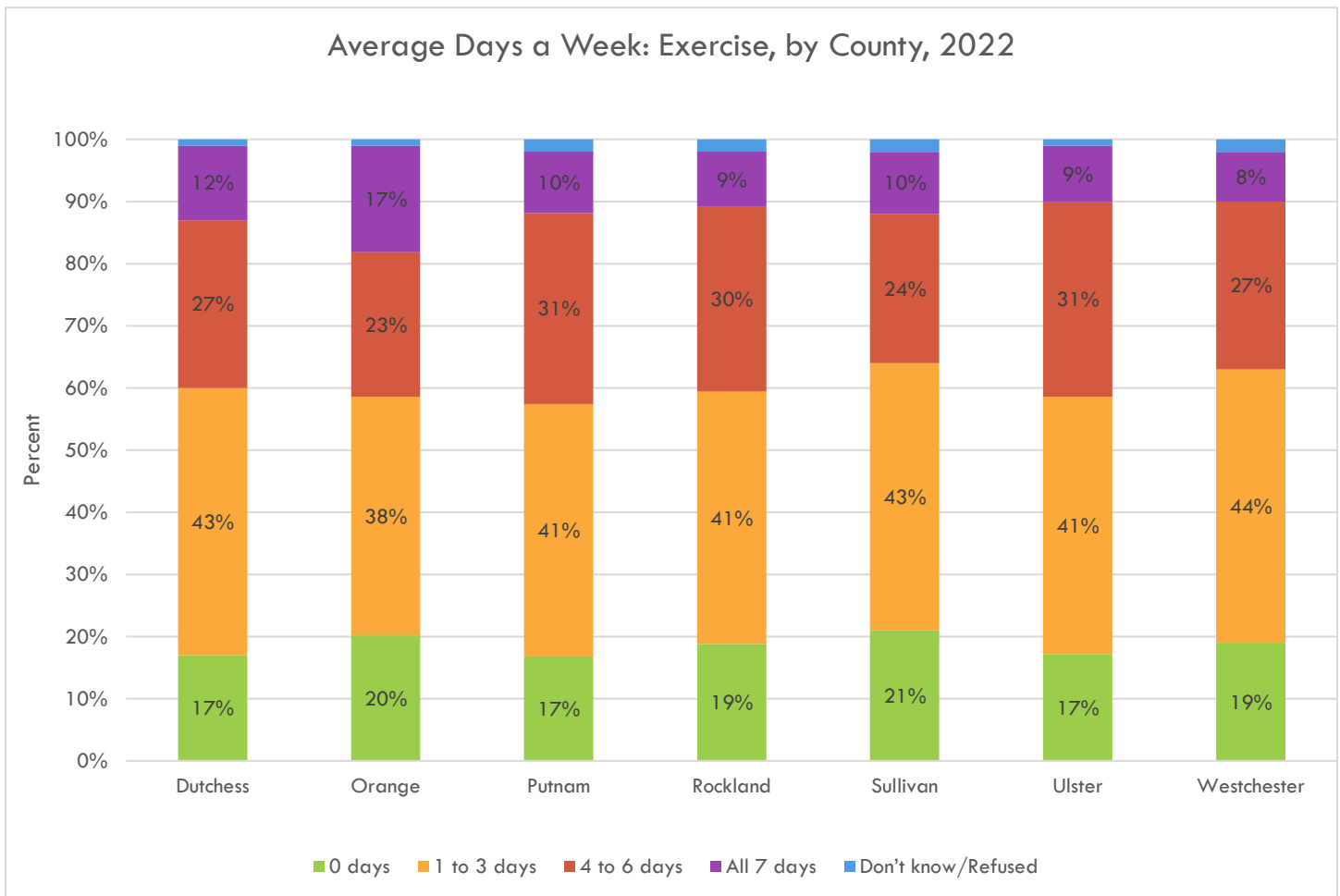
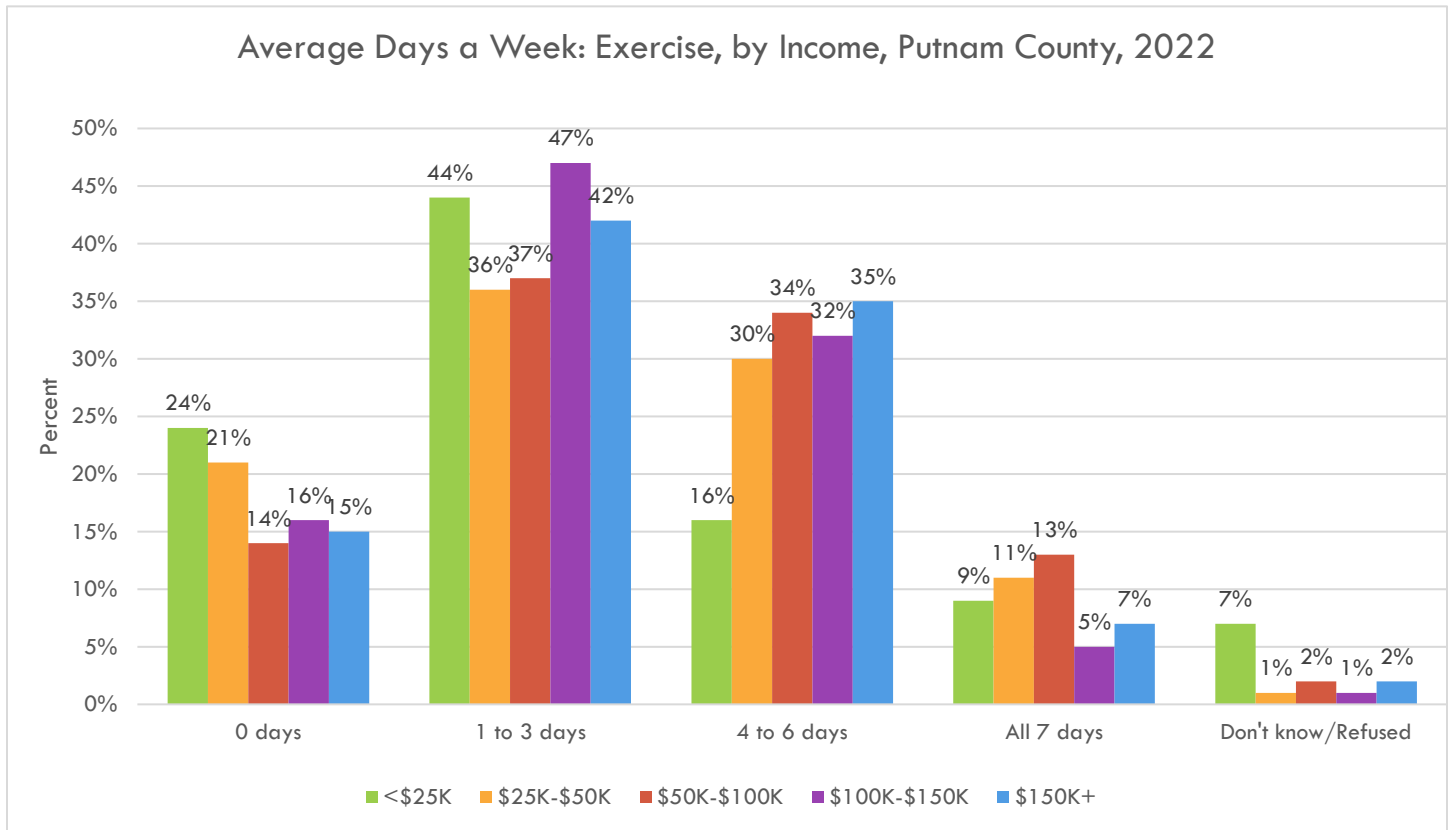


FIGURE 39A



Survey Question 14: Thinking back over the past 12 months, for each of the following statements I read, tell me how many days in an AVERAGE WEEK you did each. Over the past 12 months how many days in an average week did you get 7 to 9 hours of sleep in a night?

FIGURE 40A

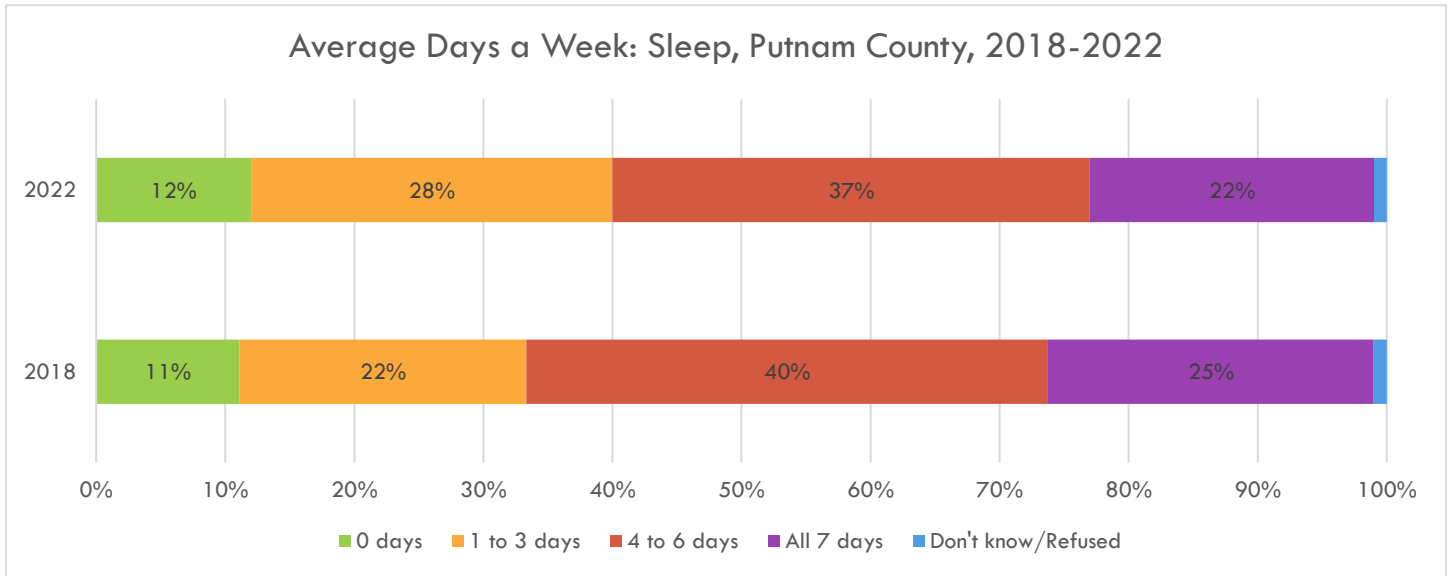


FIGURE 41A

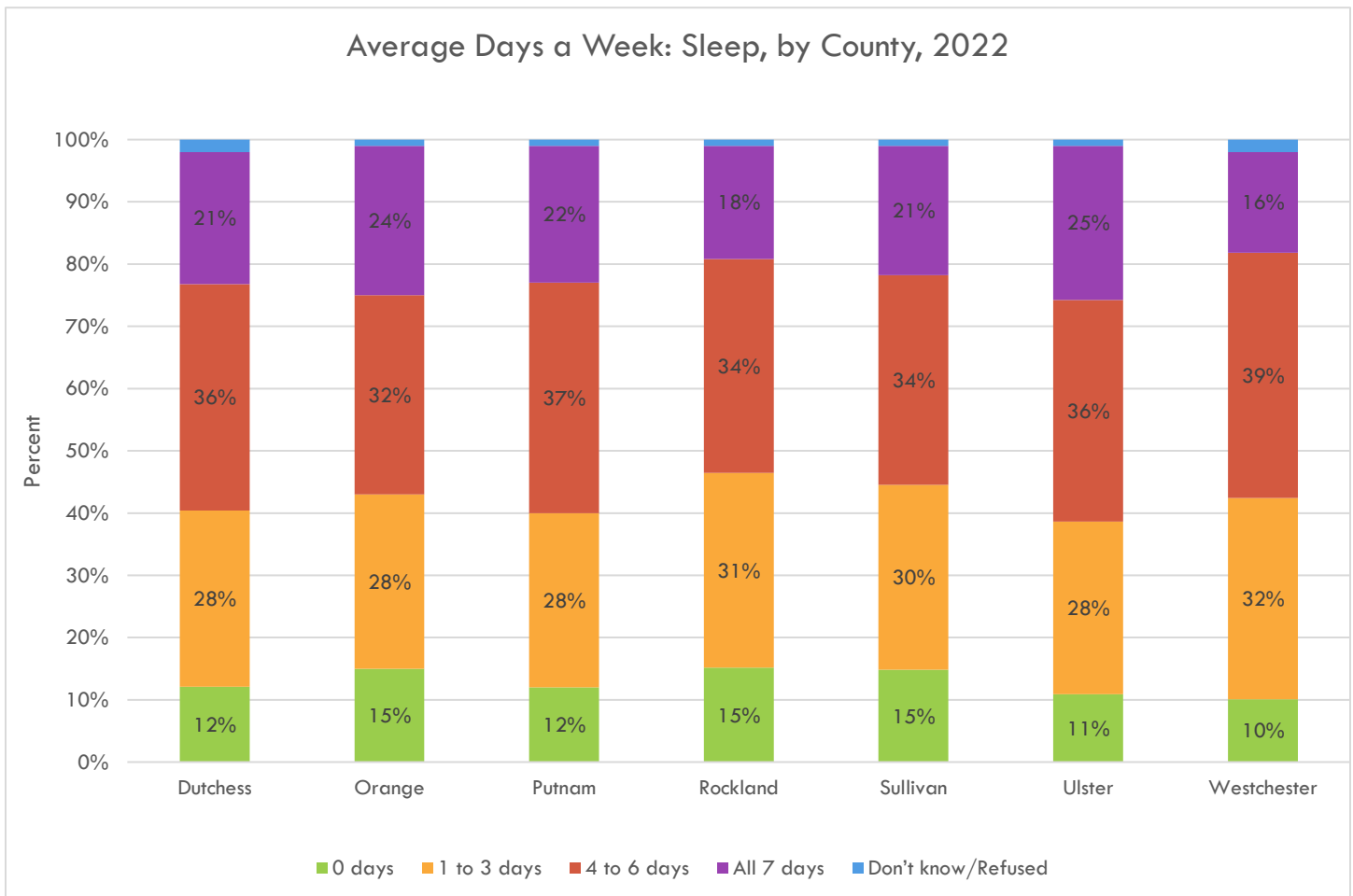
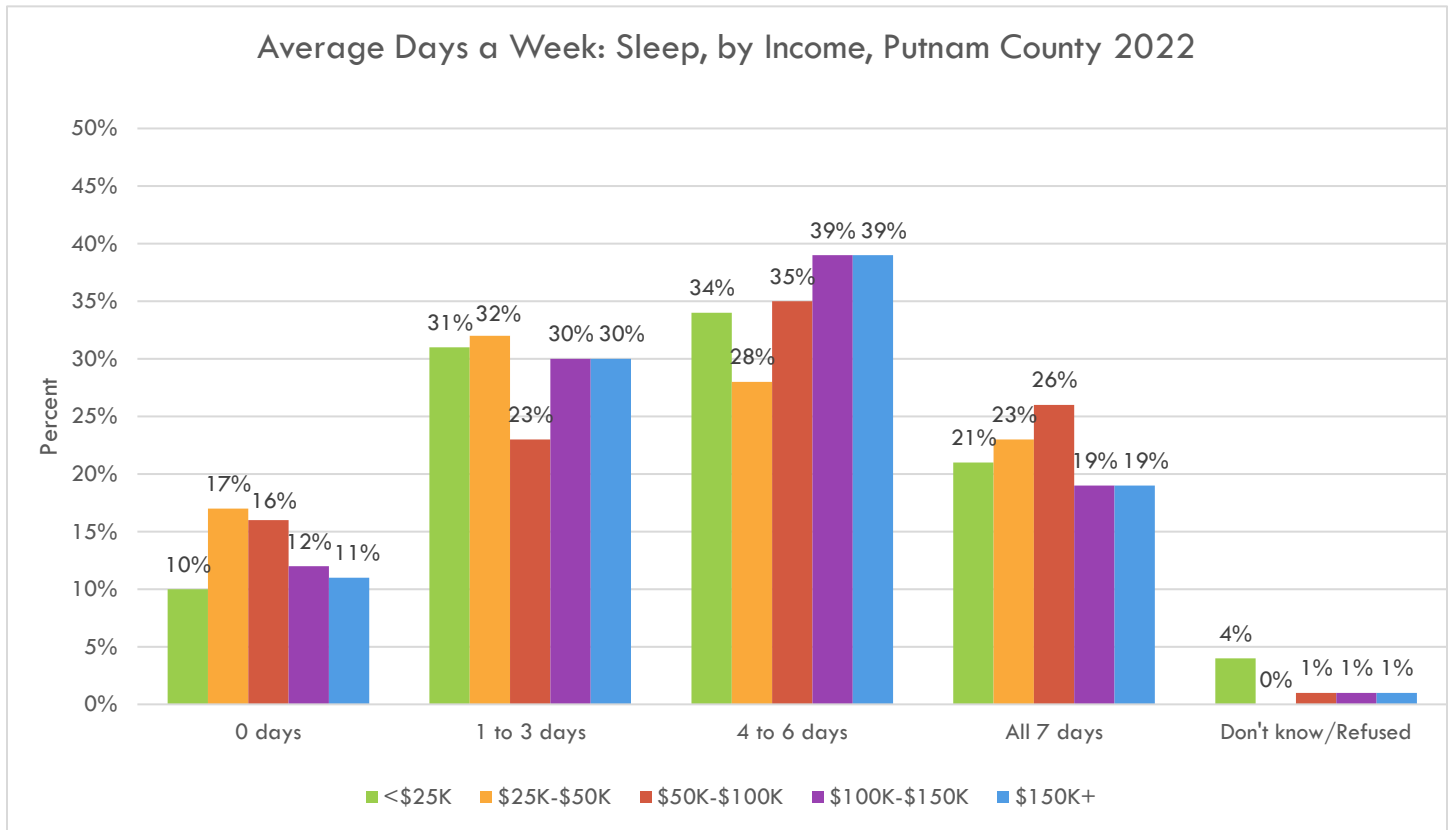


FIGURE 42A



Survey Question 15: On an average day, how stressed do you feel?

FIGURE 43A

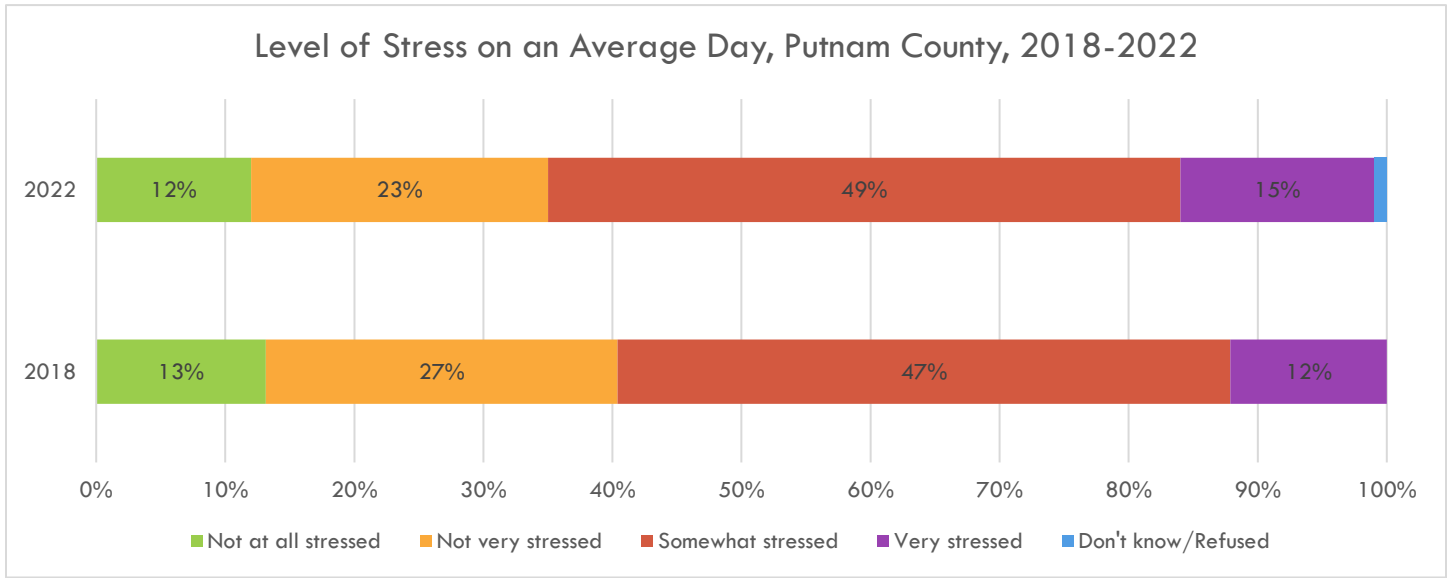


FIGURE 44A

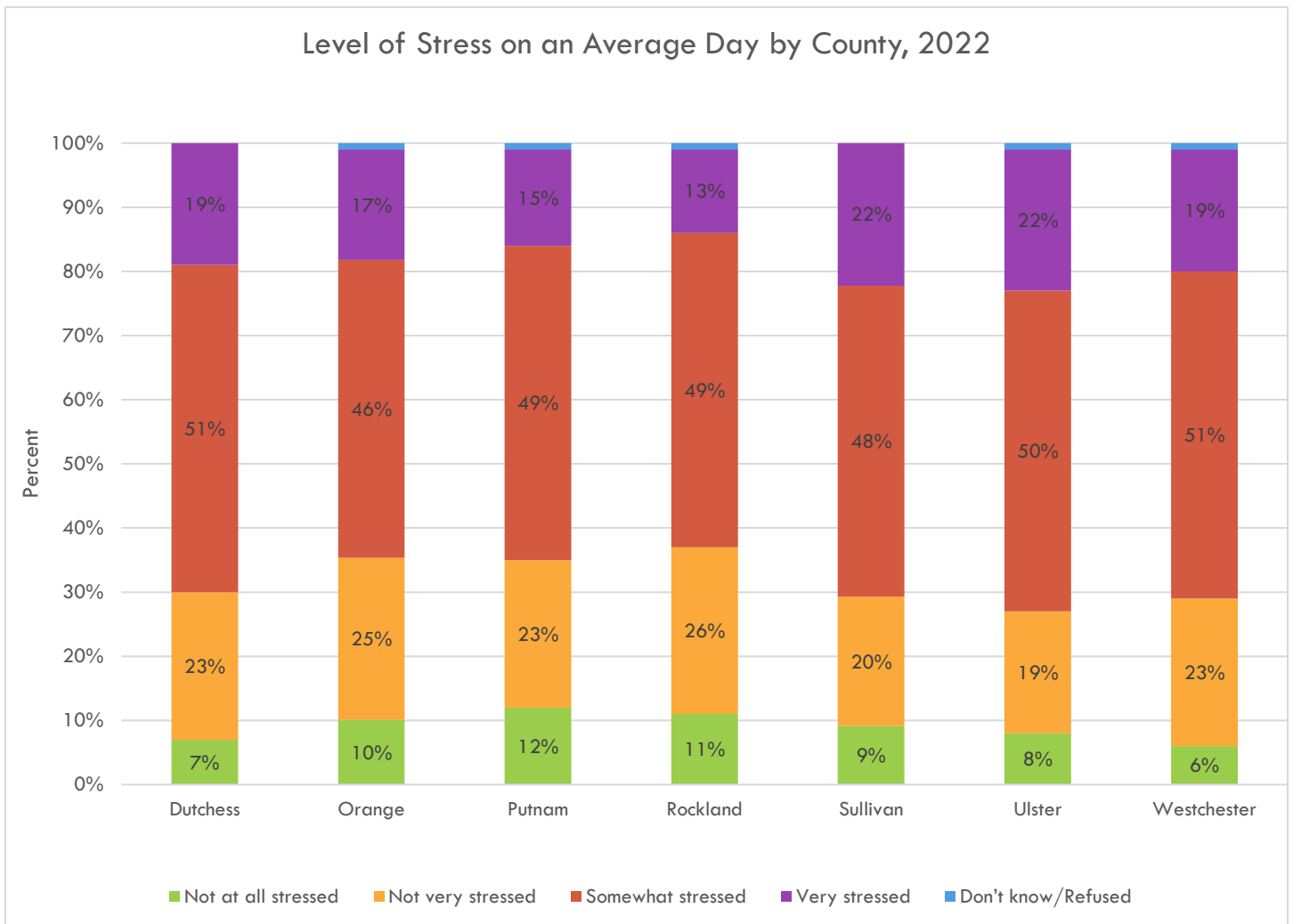
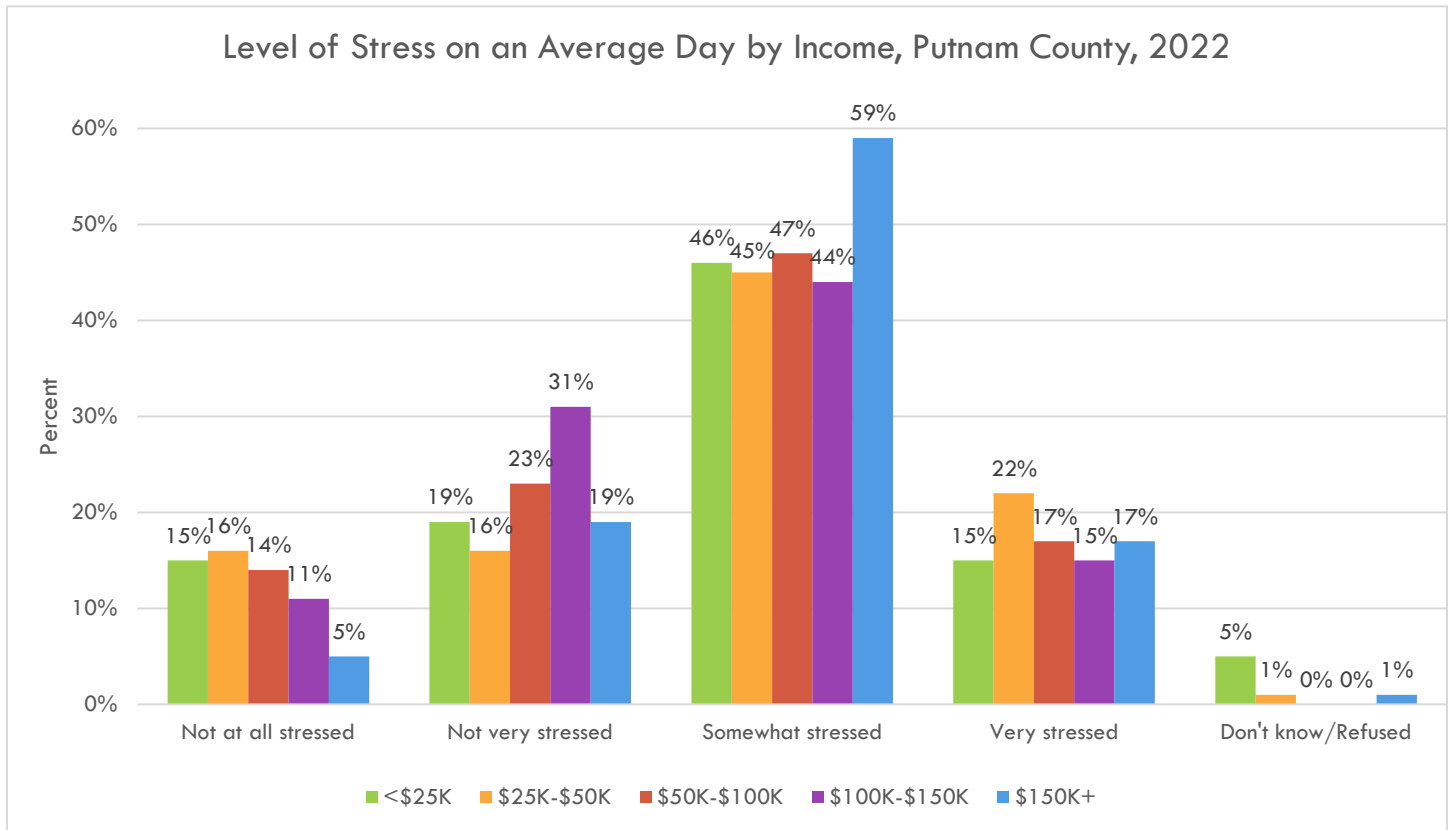


FIGURE 45A



Survey Question 16: *In your everyday life, how often do you feel that you have quality encounters with friends, family, and neighbors that make you feel that people care about you?*

FIGURE 46A

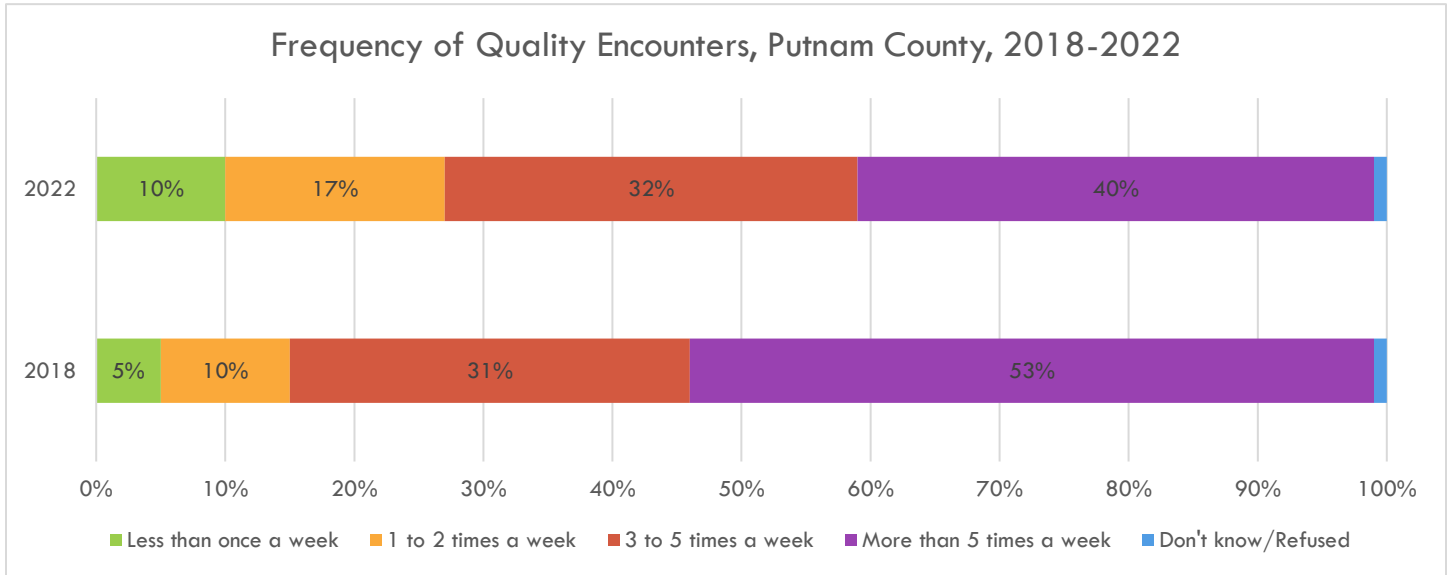


FIGURE 47A

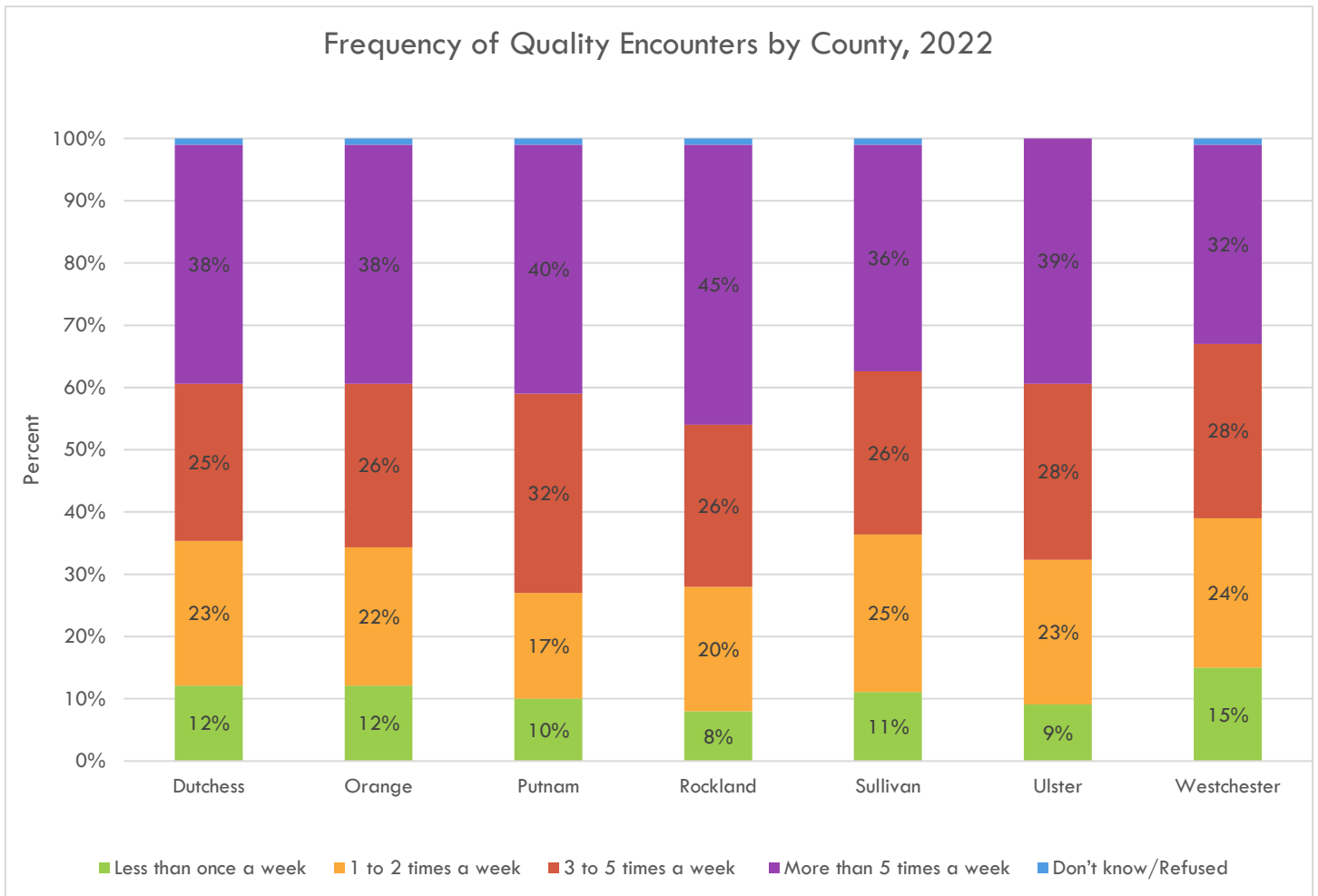
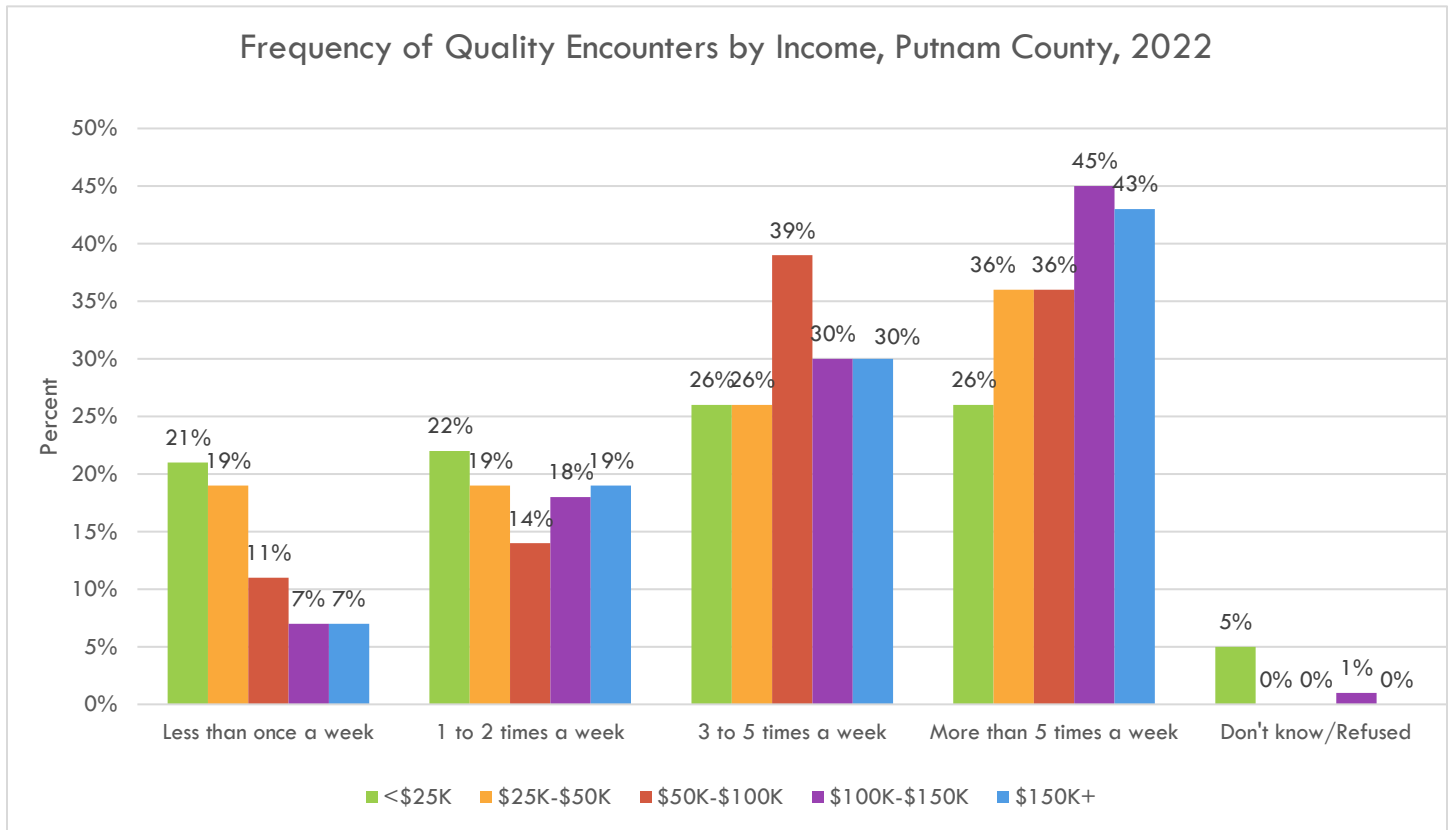


FIGURE 48A



Survey Question 17: How frequently in the past year, on average, did you drink alcohol?

FIGURE 49A

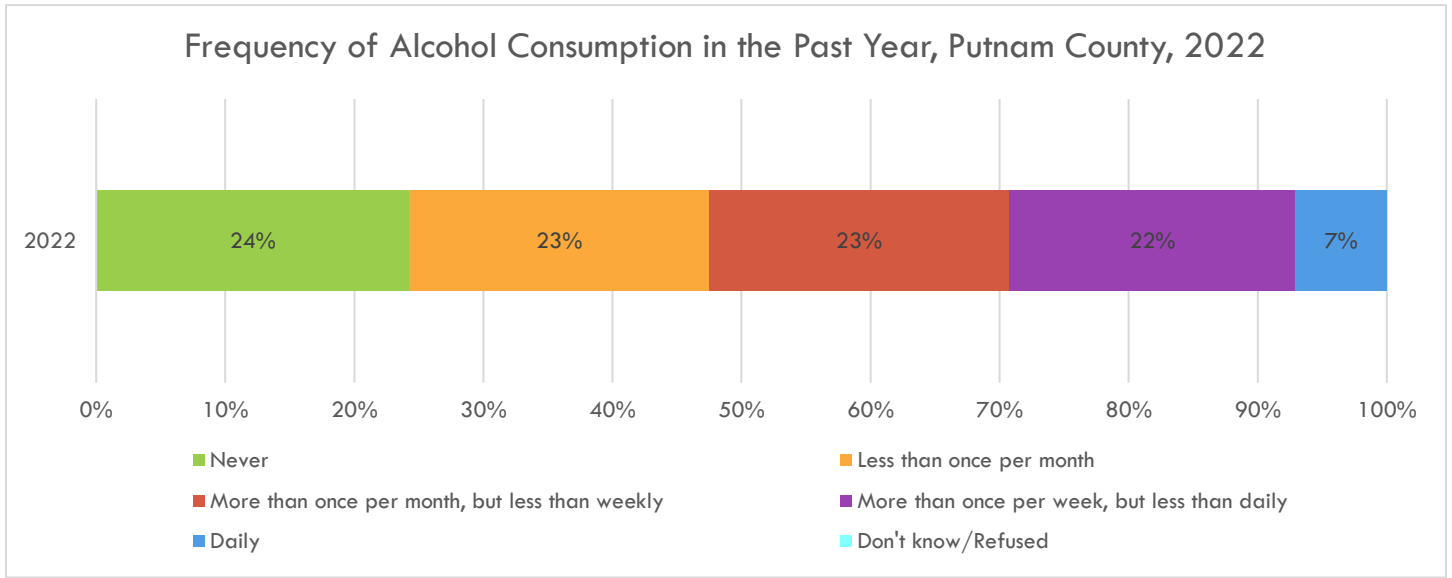


FIGURE 50A

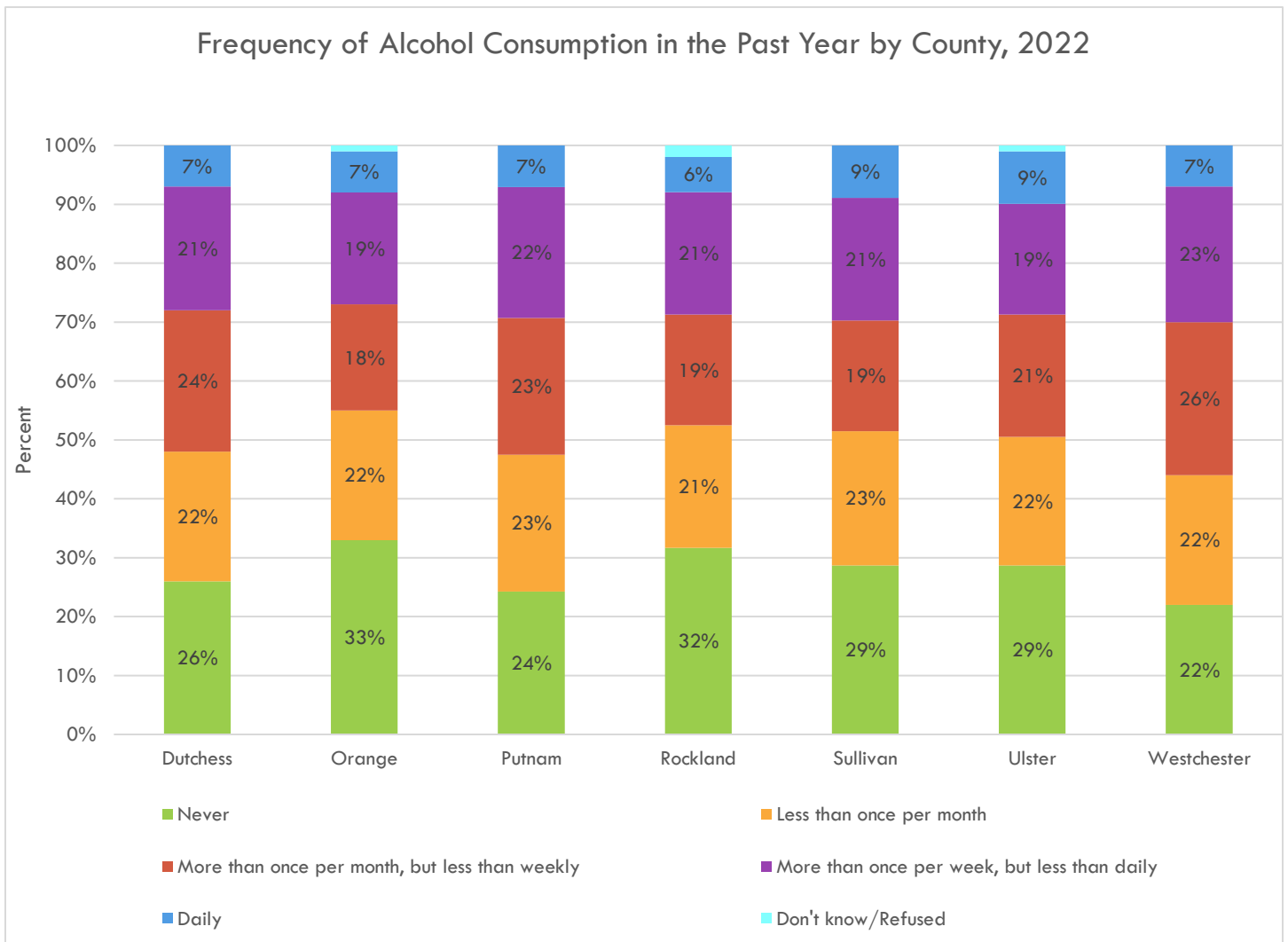
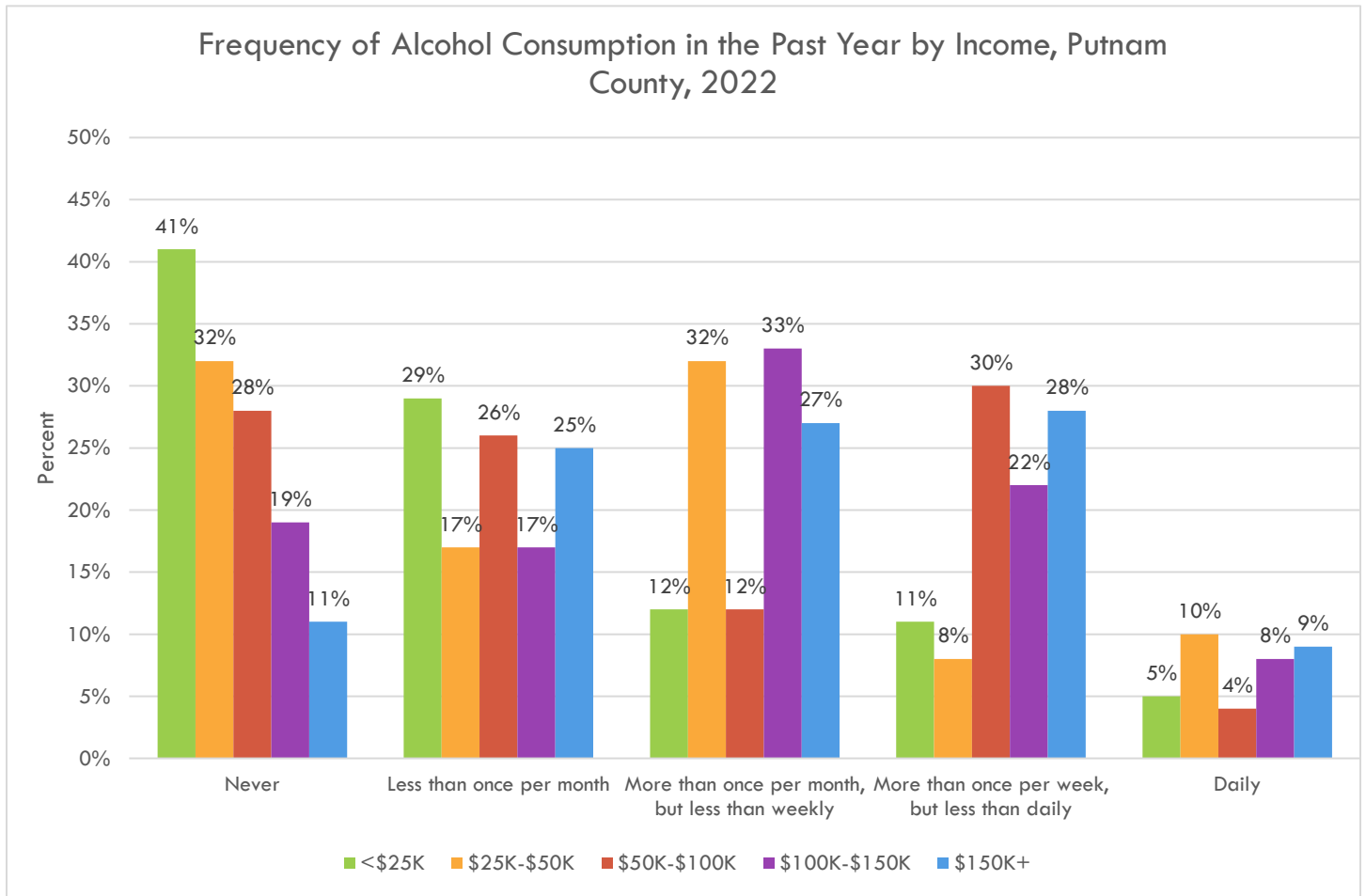
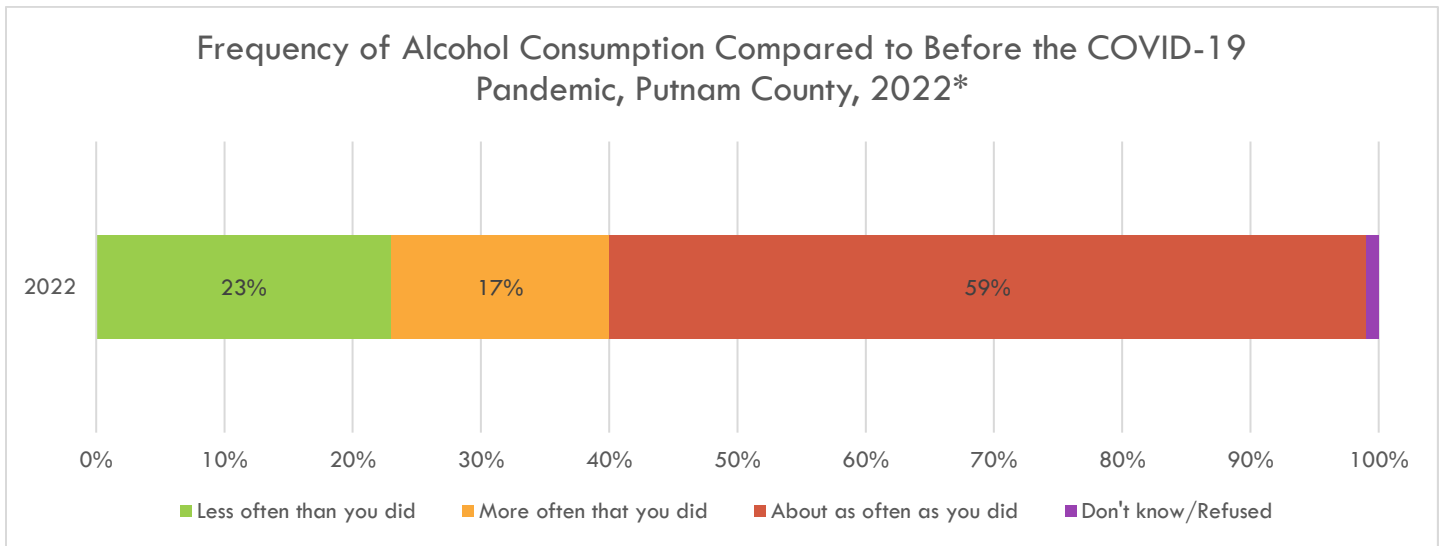


FIGURE 51A



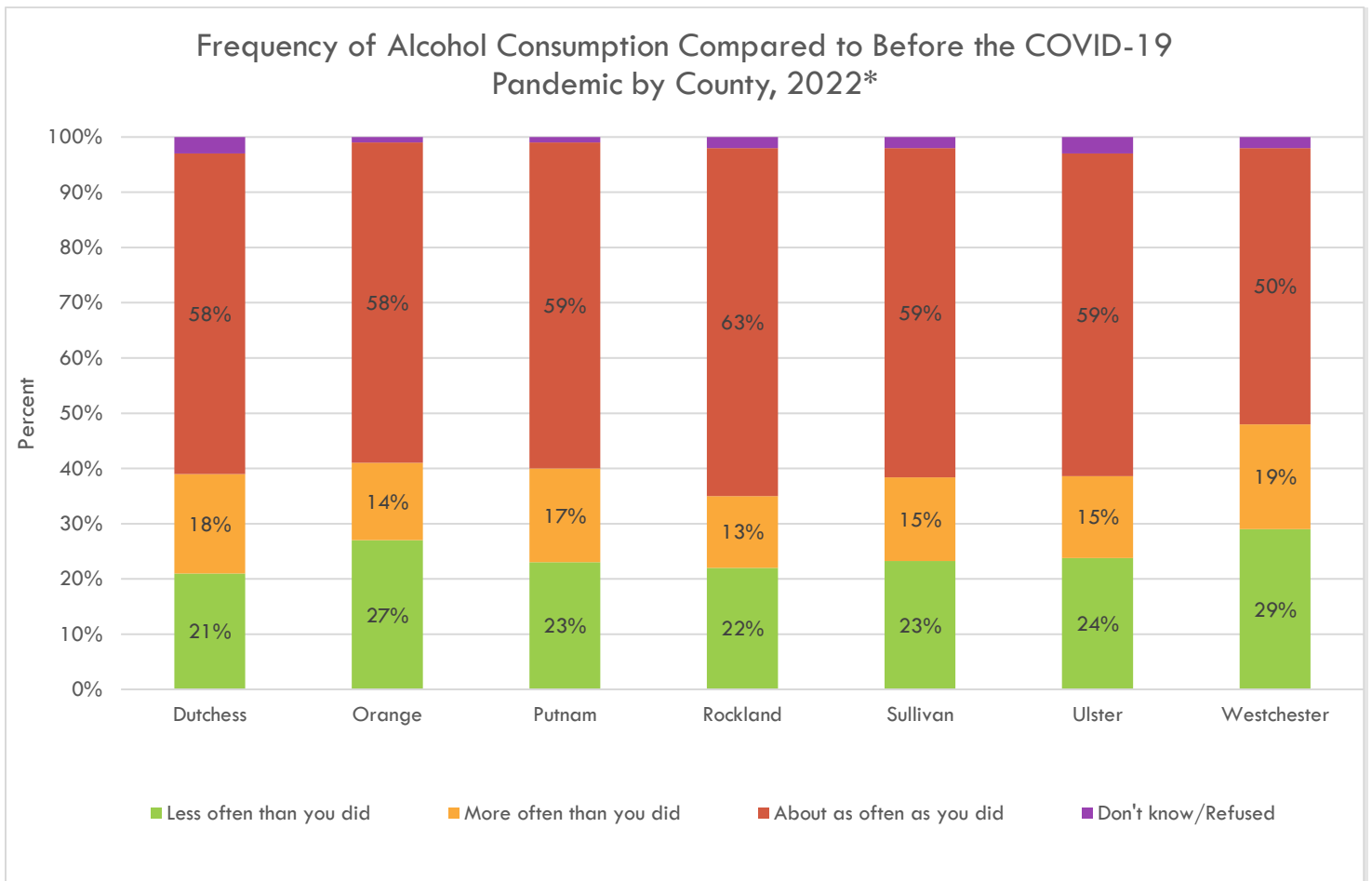
Survey Question 18: (If drank alcohol in the past year) Do you currently drink alcohol less often than you did before the COVID-19 pandemic, more often than you did before the pandemic or about as often as you did before the pandemic?

FIGURE 52A



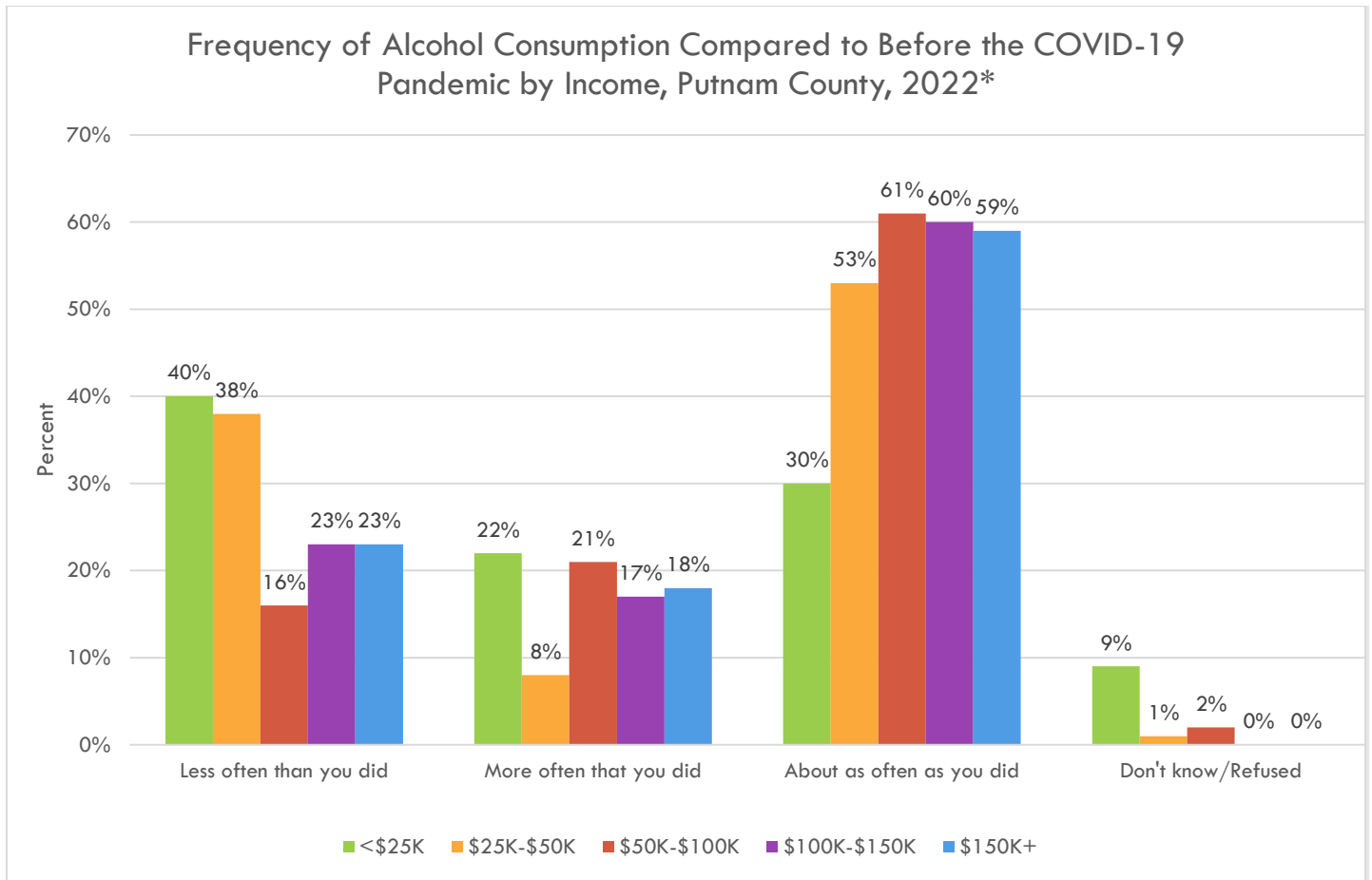
*Chart depicts proportion amongst respondents who reported drinking alcohol in the last year, as per question 17.

FIGURE 53A



*Chart depicts proportion amongst respondents who reported drinking alcohol in the last year, as per question 17.

FIGURE 54A



*Chart depicts proportion amongst respondents who reported drinking alcohol in the last year, as per question 17.

Survey Question 19: *How frequently in the past year have you used a drug whether it was a prescription medication or not, for non-medical reasons? (2018 survey question: How frequently in the past year have you used an illegal drug or used a prescription medication for non-medical reasons?)*

FIGURE 55A

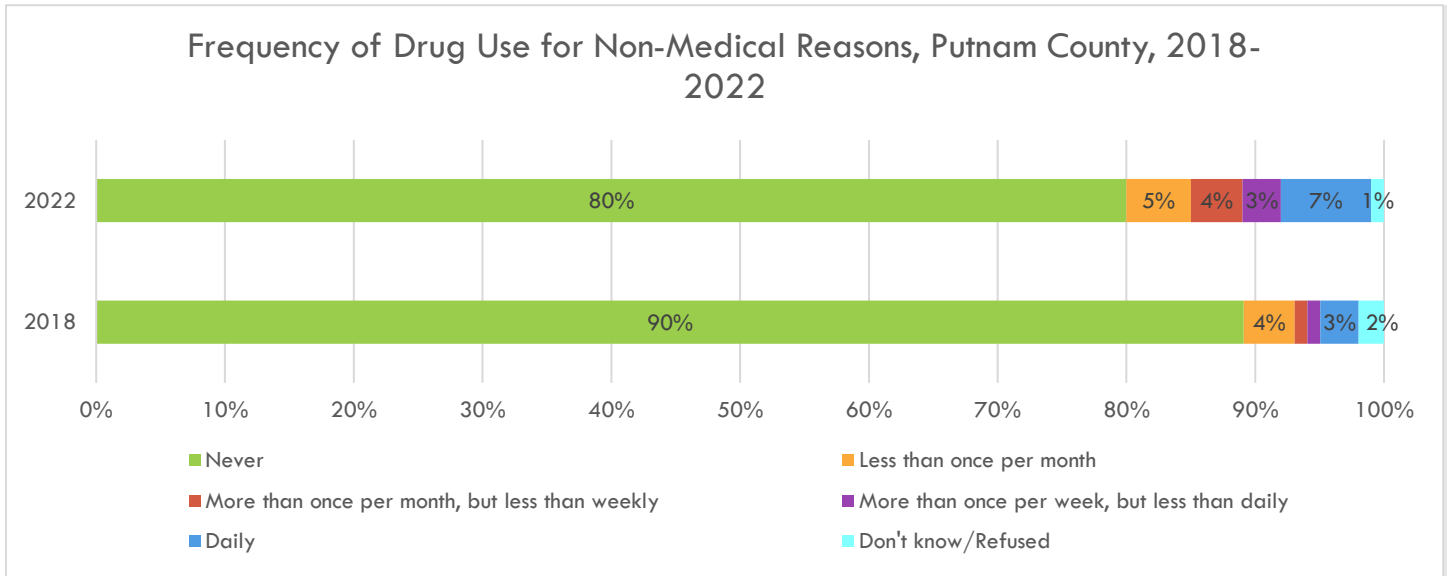


FIGURE 56A

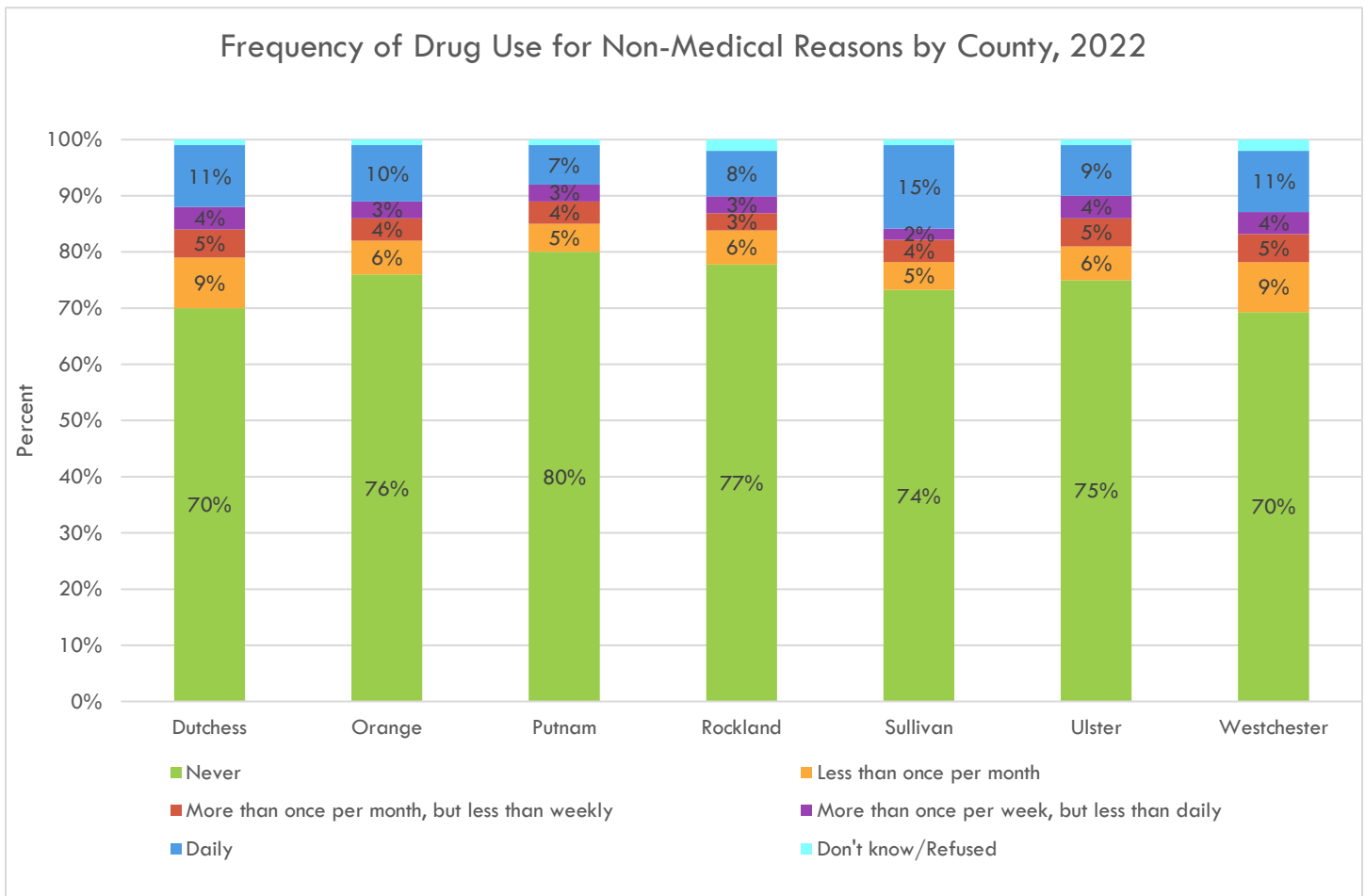
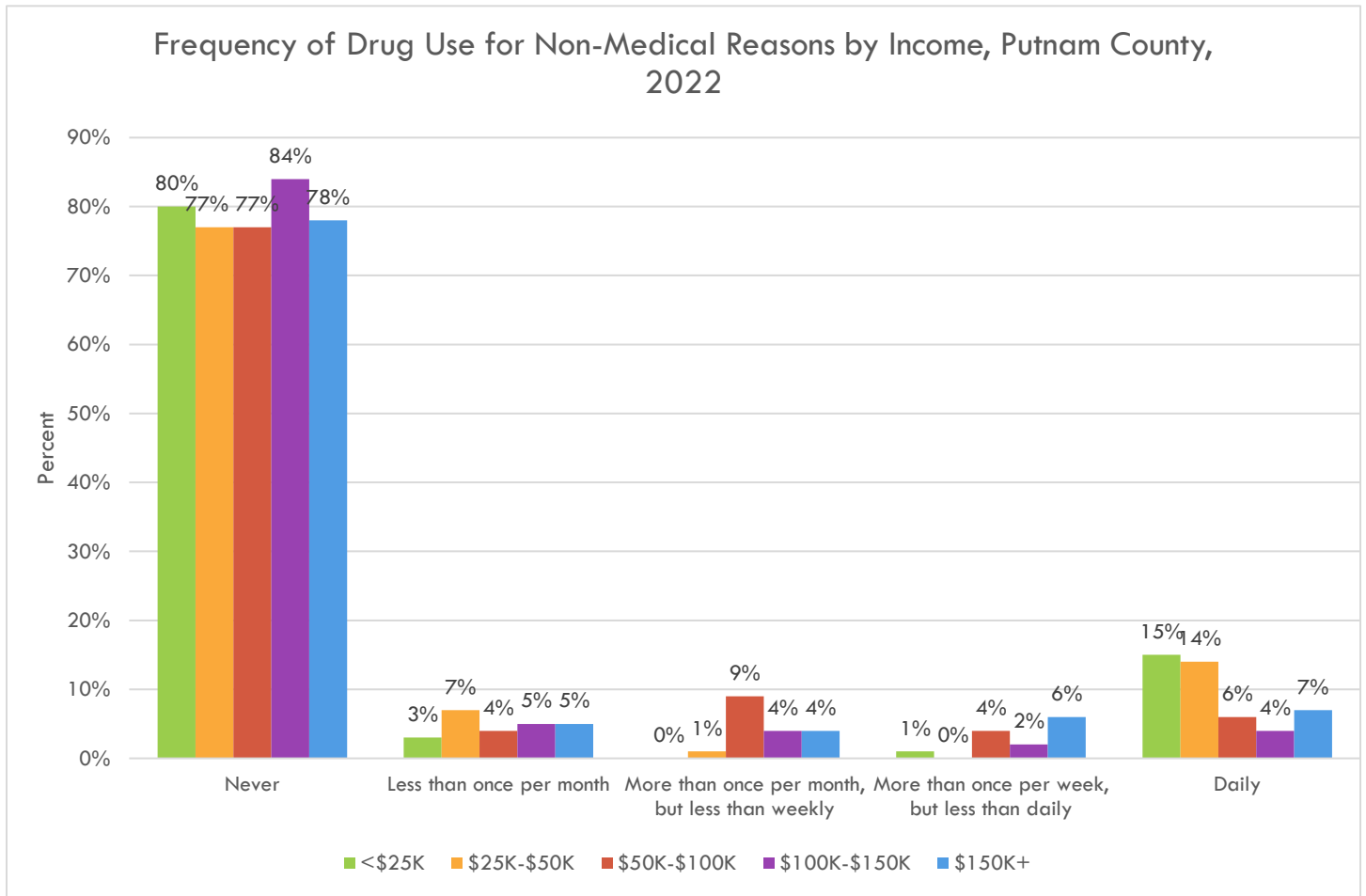
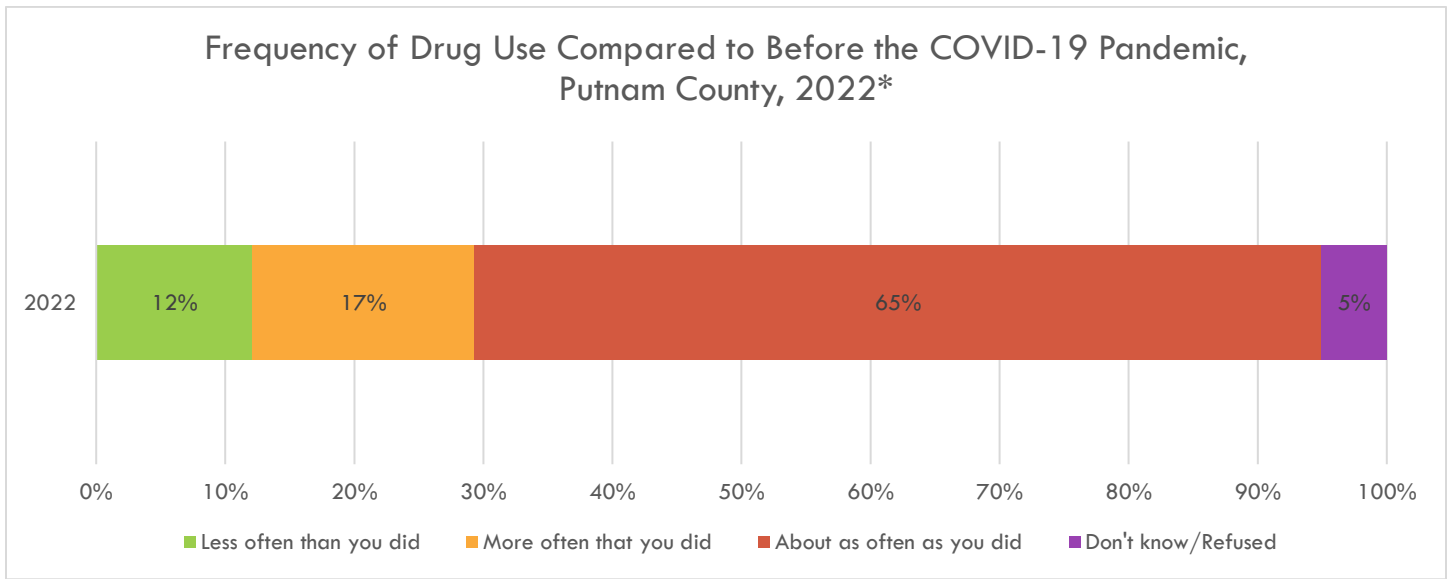


FIGURE 57A



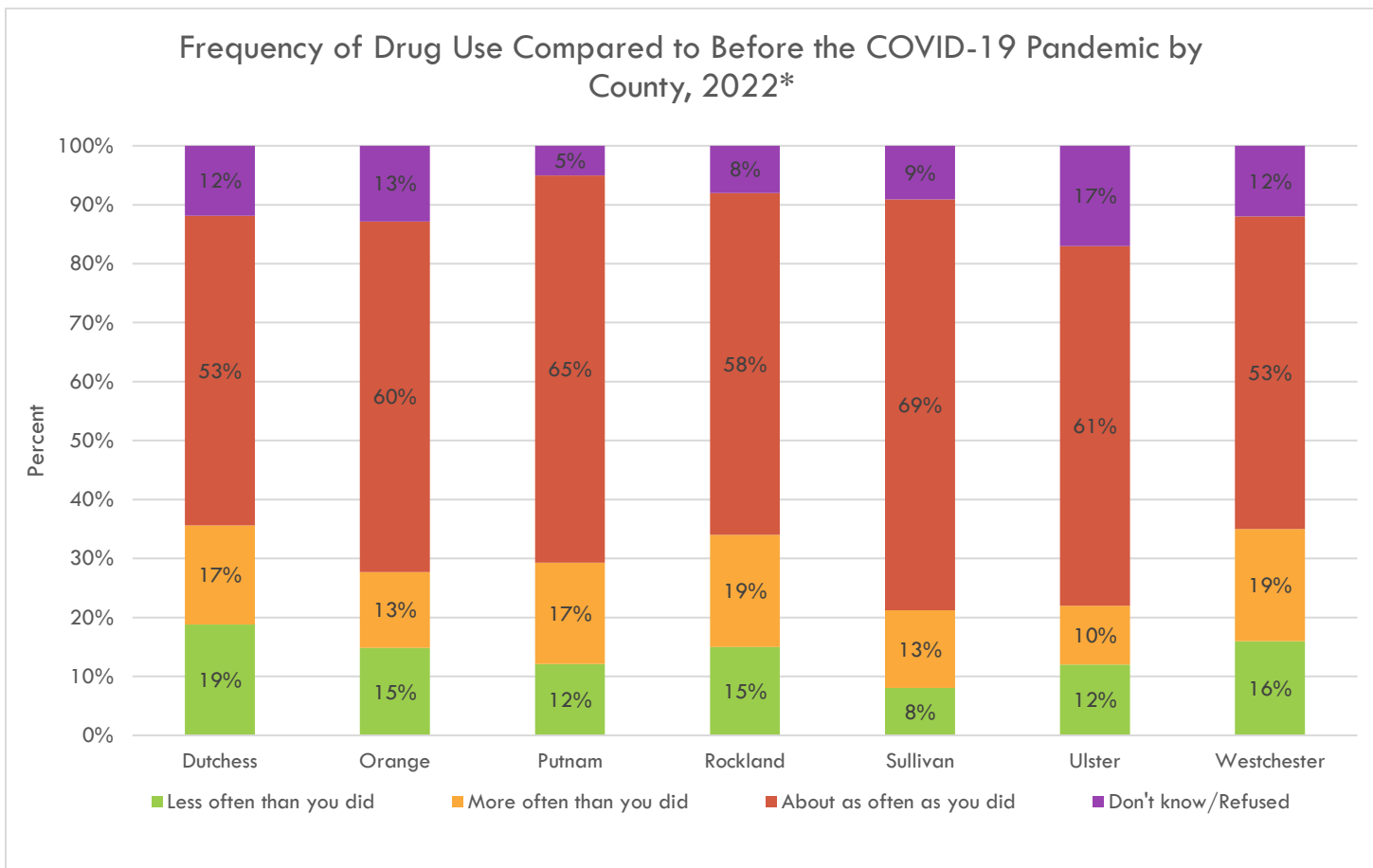
Survey Question 20: (If used a drug for non-medical reasons in the past year) Do you currently use any type of drug less often than you did before the COVID-19 pandemic, more often than you did before the pandemic or about as often as you did before the pandemic?

FIGURE 58A



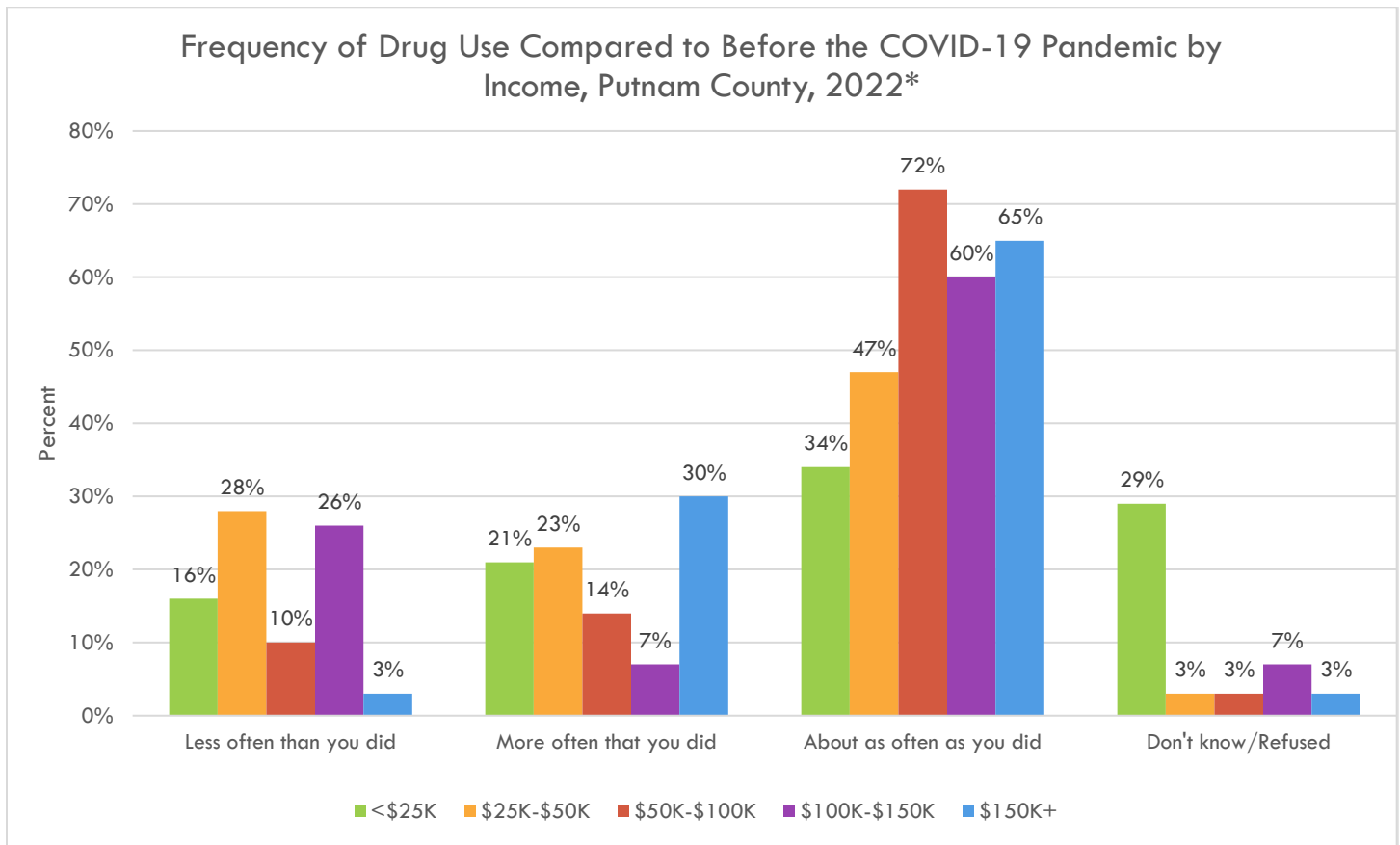
*Chart depicts proportion amongst respondents who reported drug use in the last year, as per question 19.

FIGURE 59A



*Chart depicts proportion amongst respondents who reported drug use in the last year, as per question 19.

FIGURE 60A



*Chart depicts proportion amongst respondents who reported drug use in the last year, as per question 19.

ACCESS TO RESOURCES

Survey Question 21: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. **Food***

FIGURE 61A

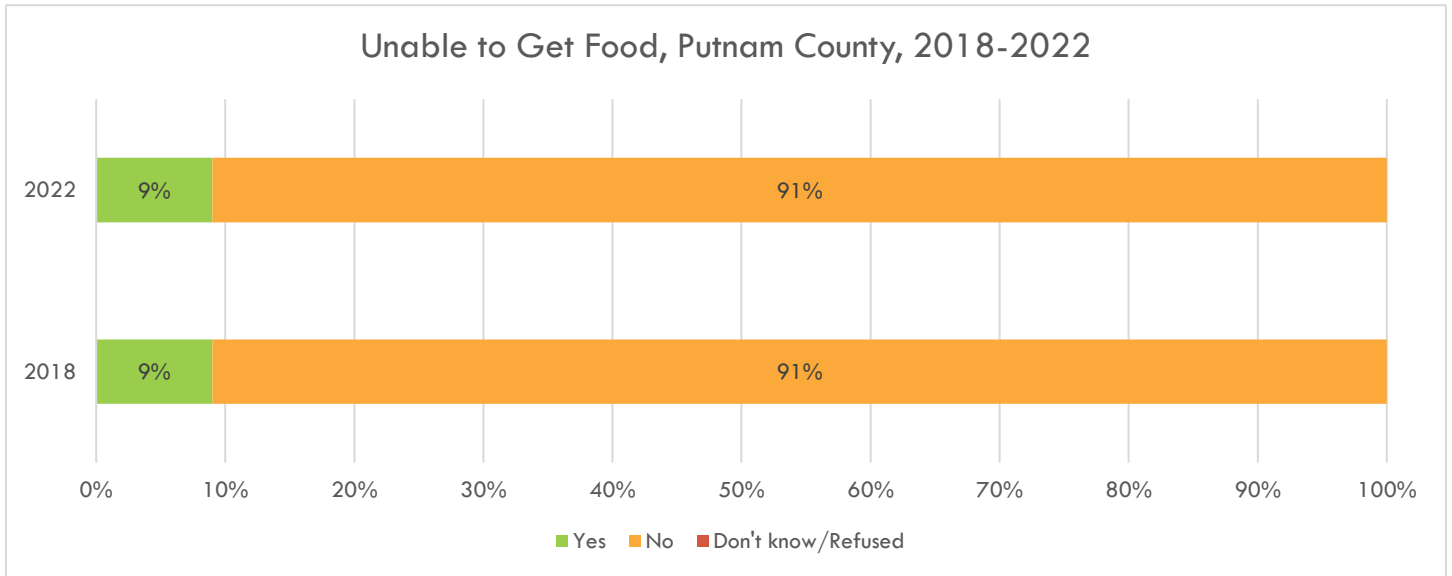


FIGURE 62A

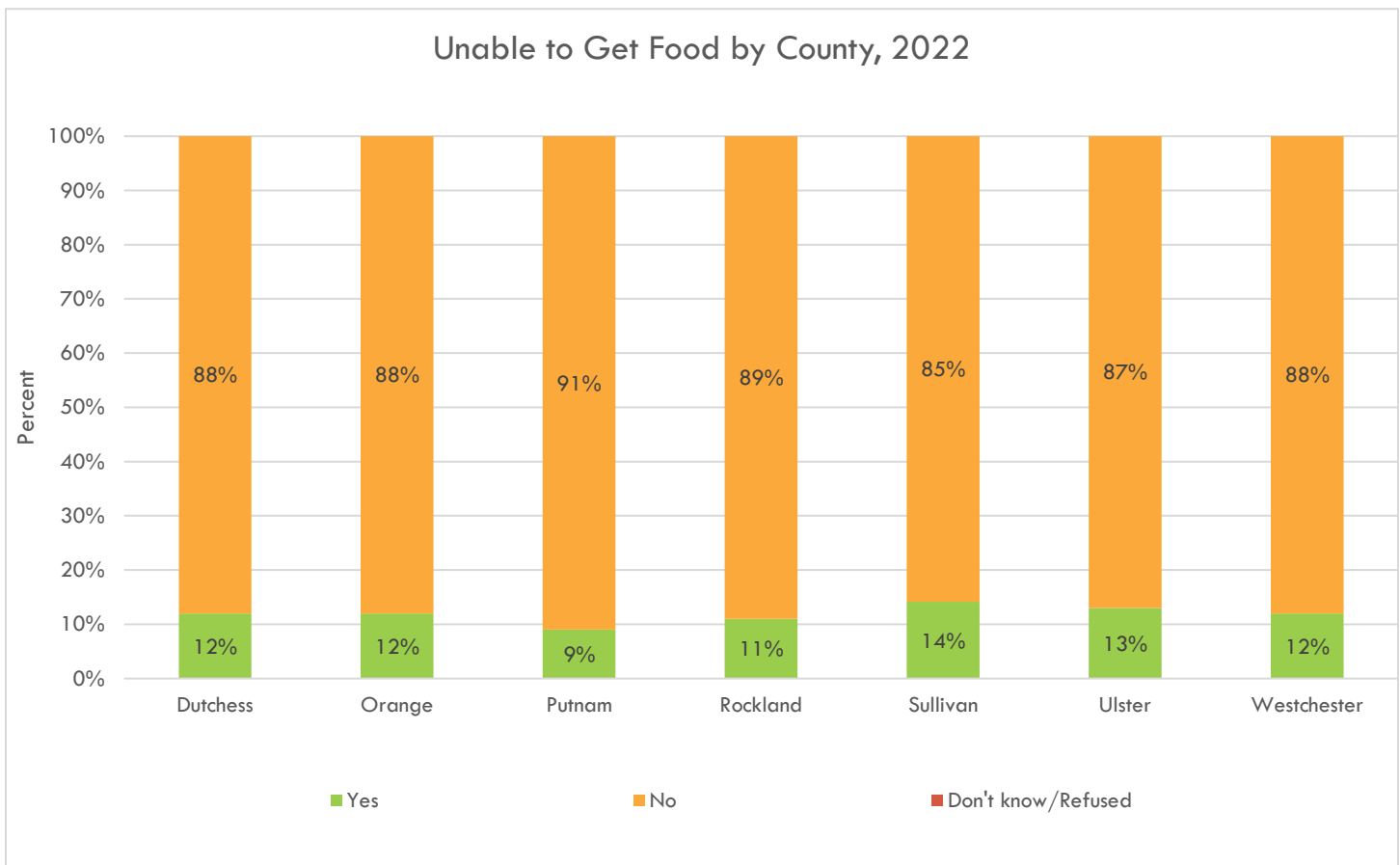
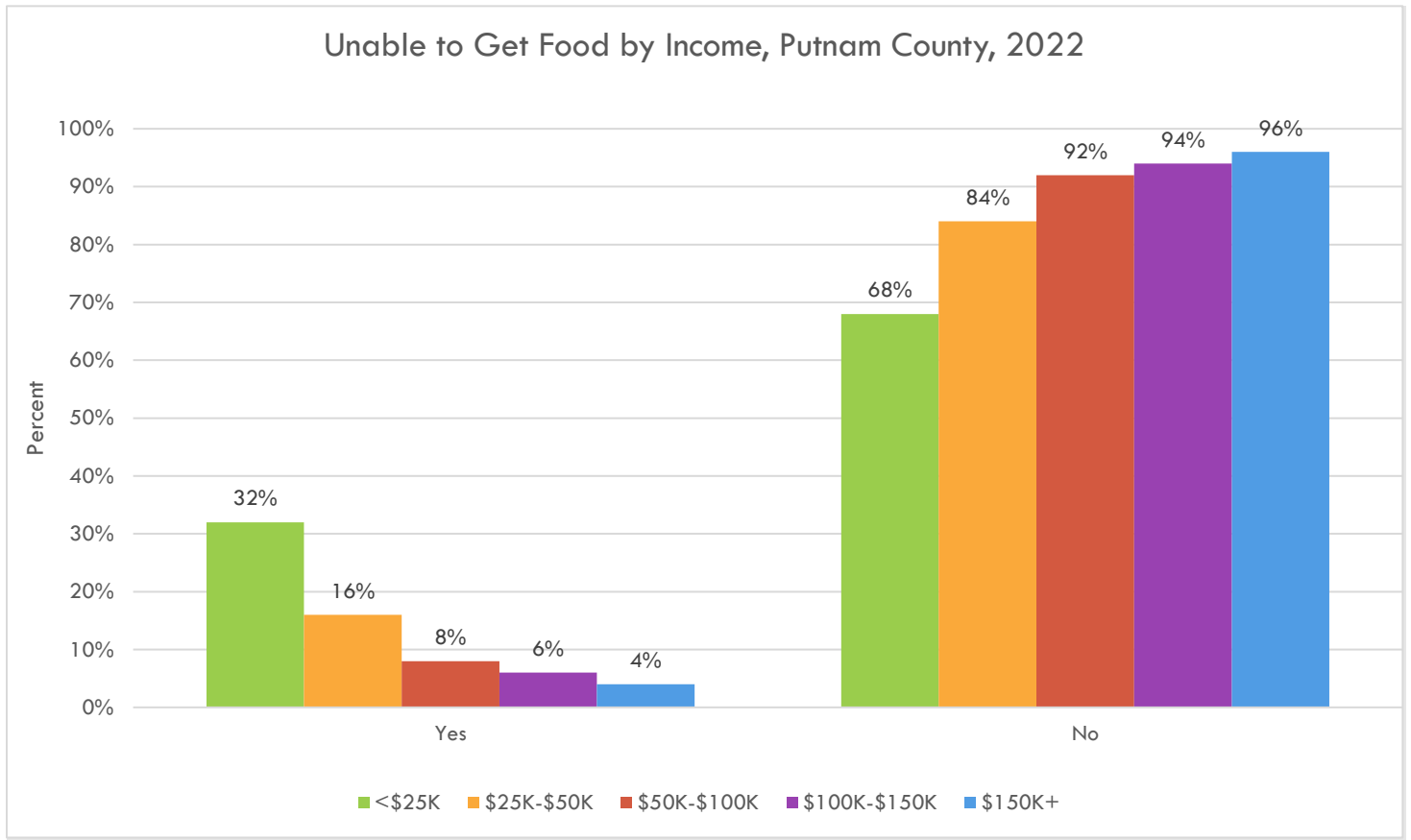


FIGURE 63A



Survey Question 22: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. Utilities, including heat and electric*

FIGURE 64A

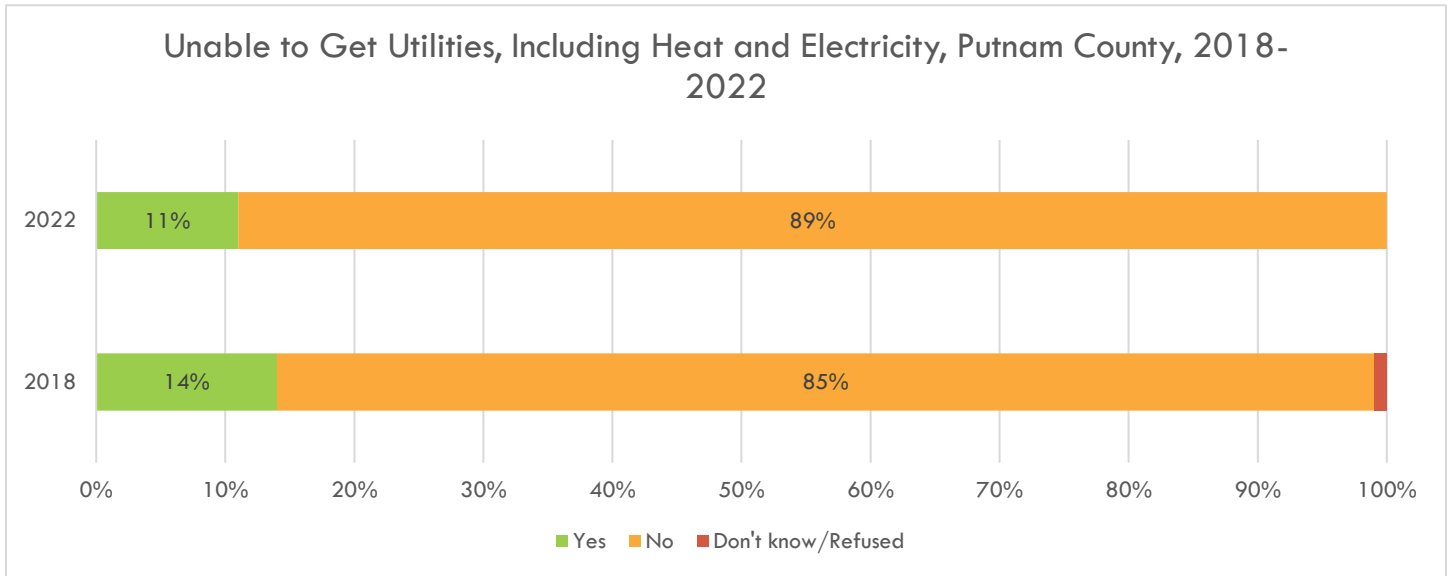


FIGURE 65A

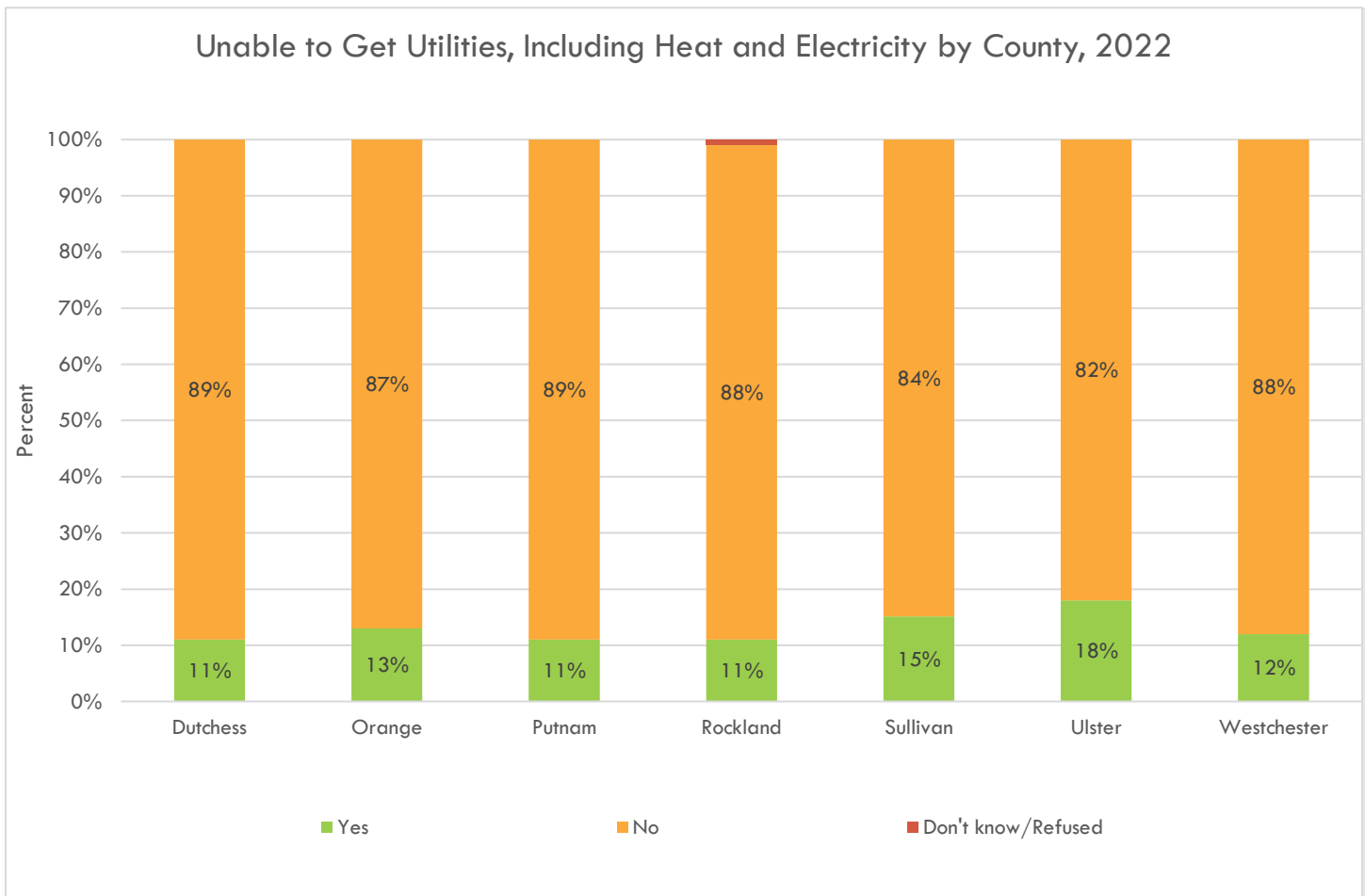
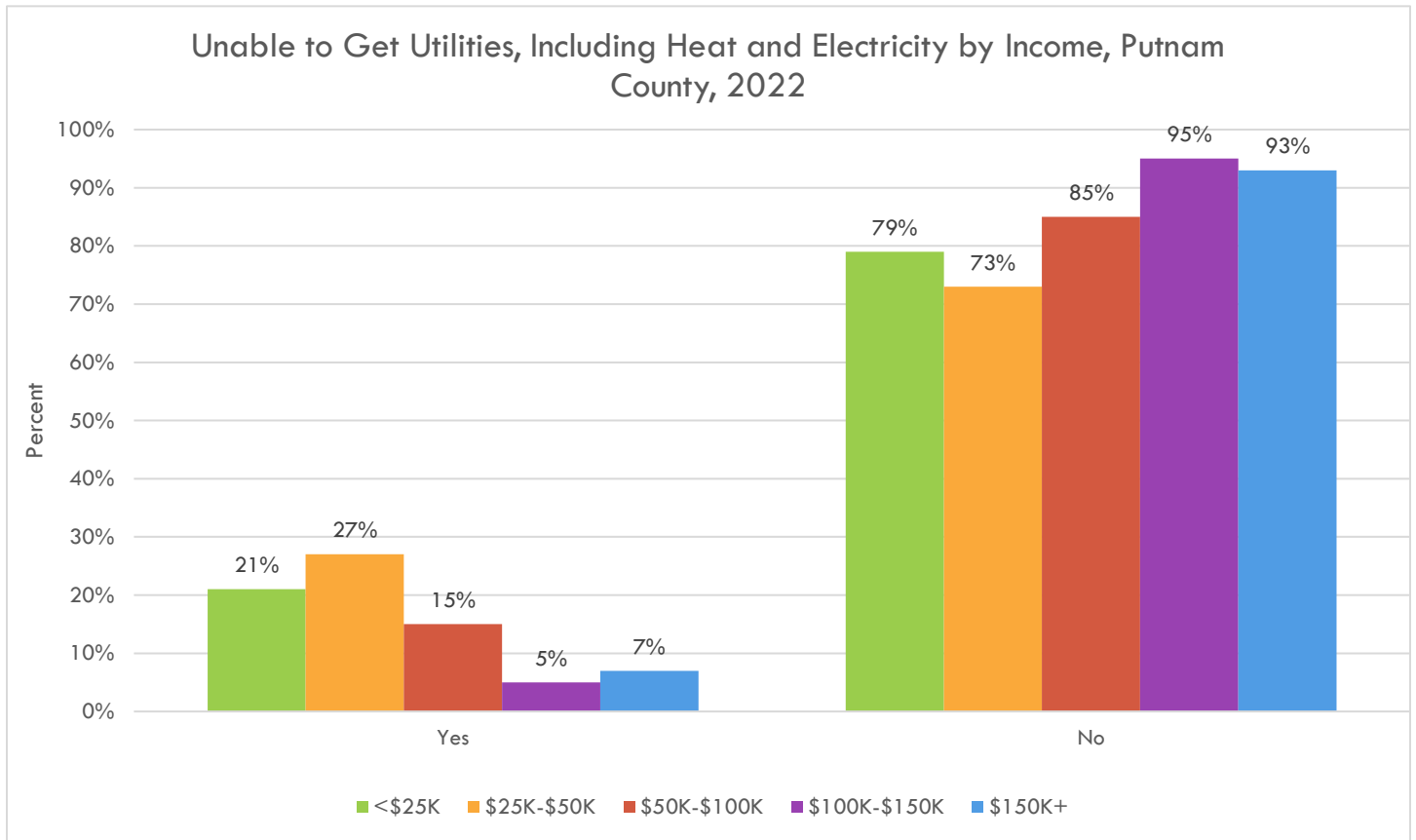


FIGURE 66A



Survey Question 23: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. **Medicine***

FIGURE 67A

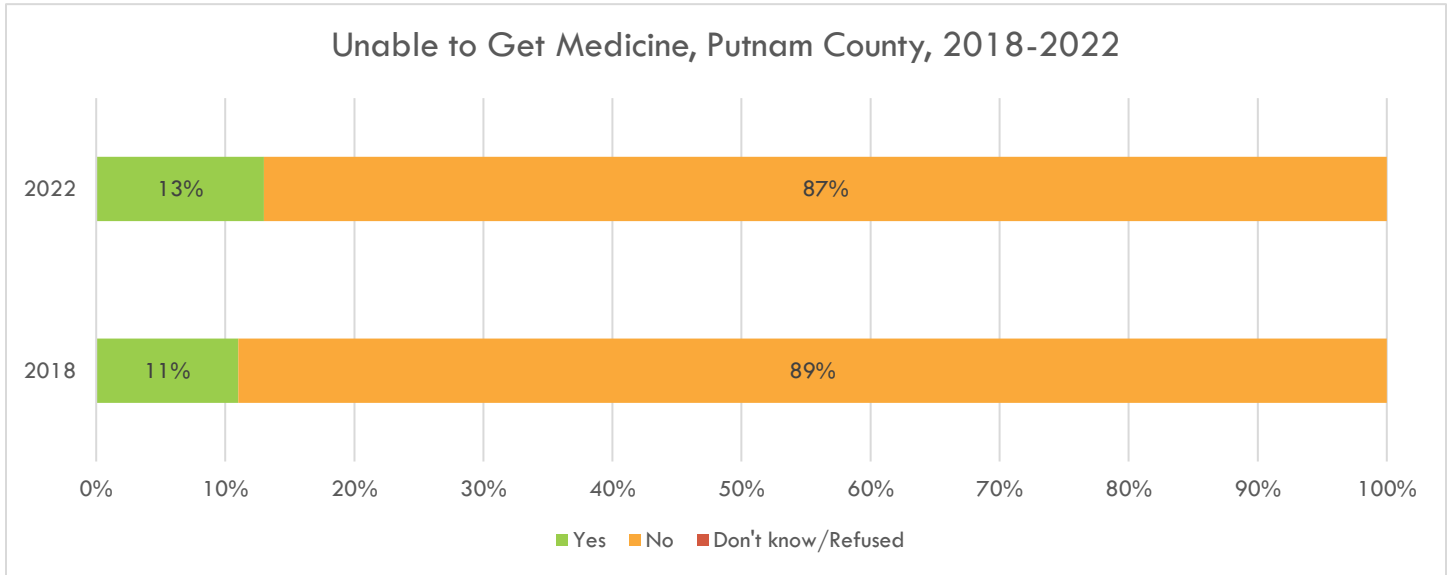


FIGURE 68A

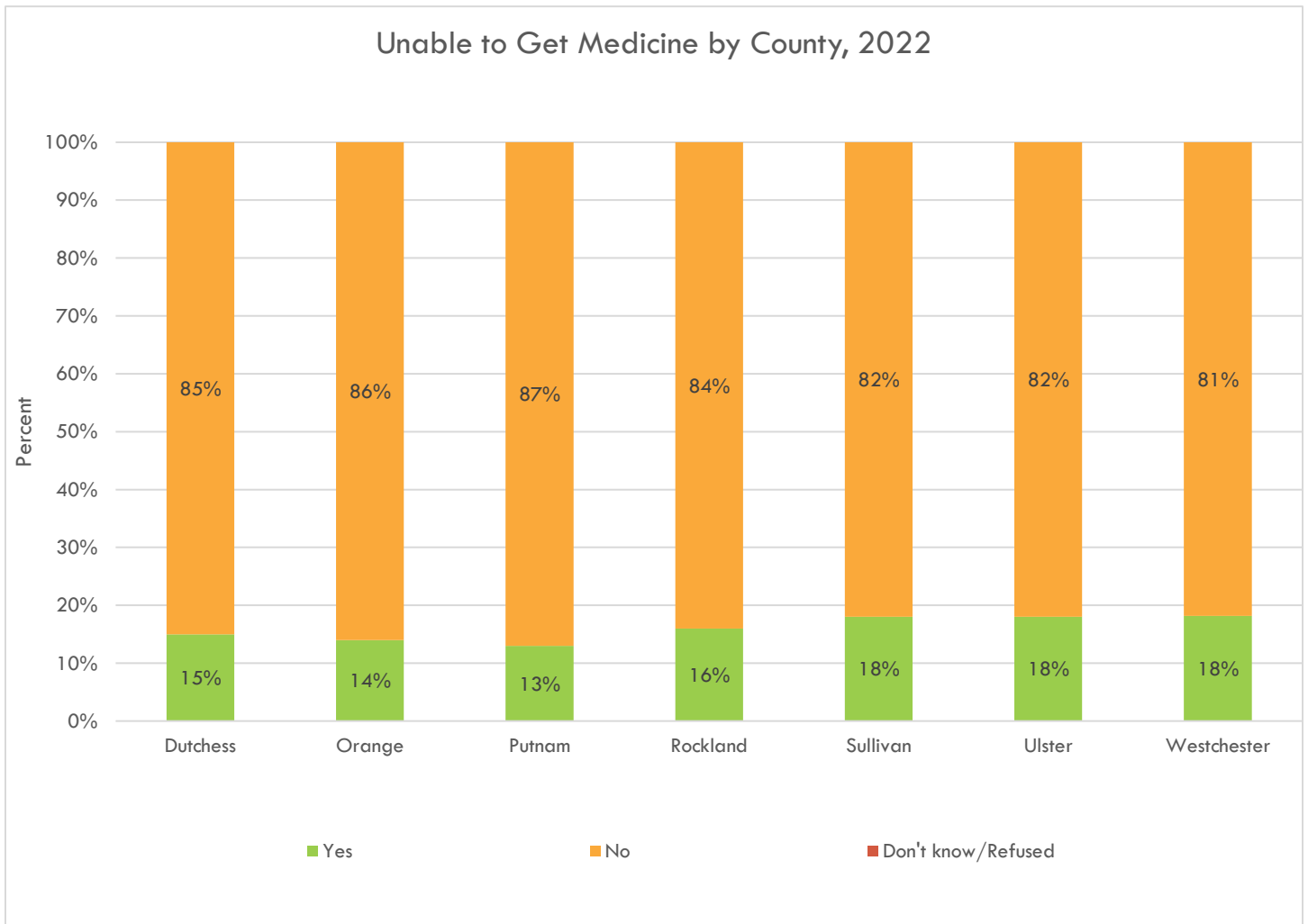
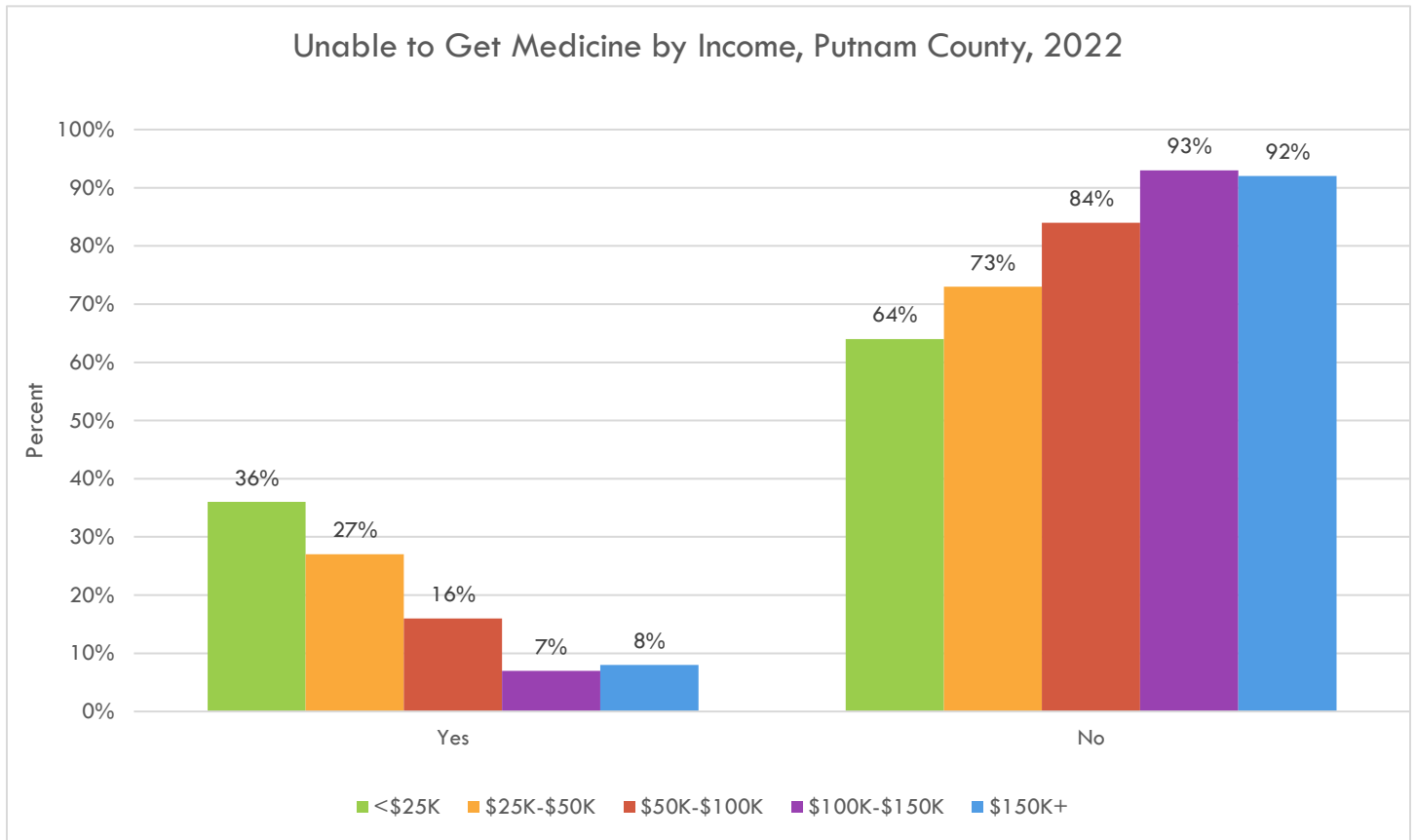


FIGURE 69A



Survey Question 24: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. **Any healthcare, including dental or vision***

FIGURE 70A

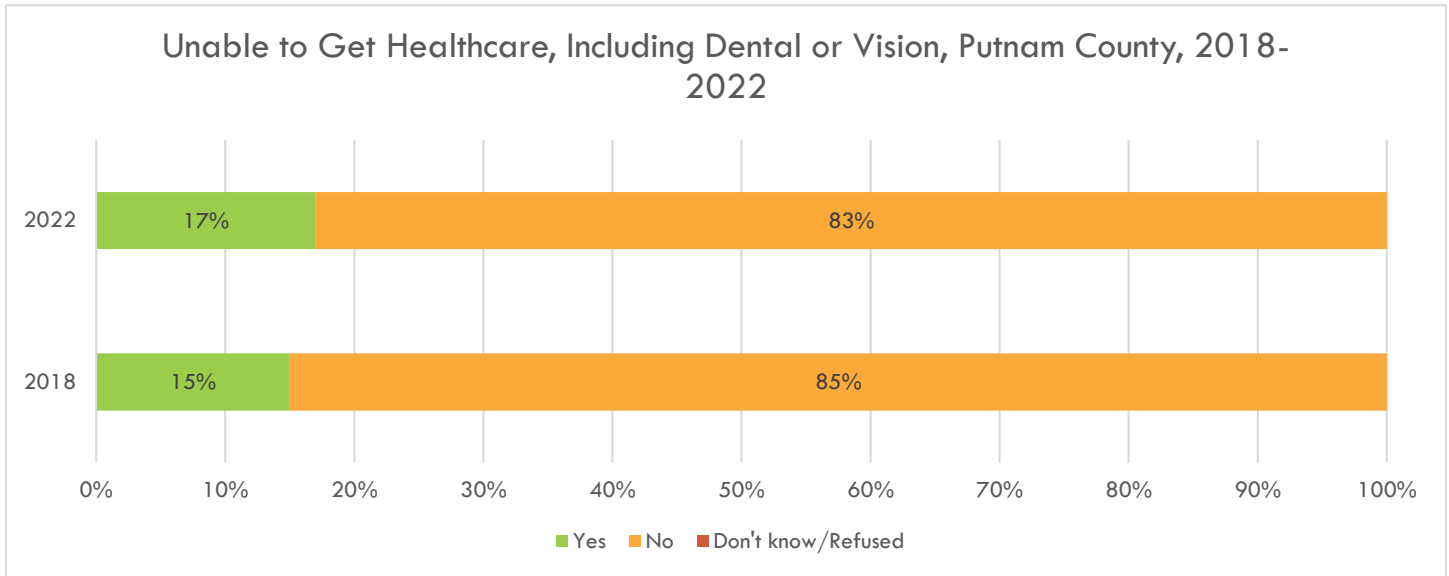


FIGURE 71A

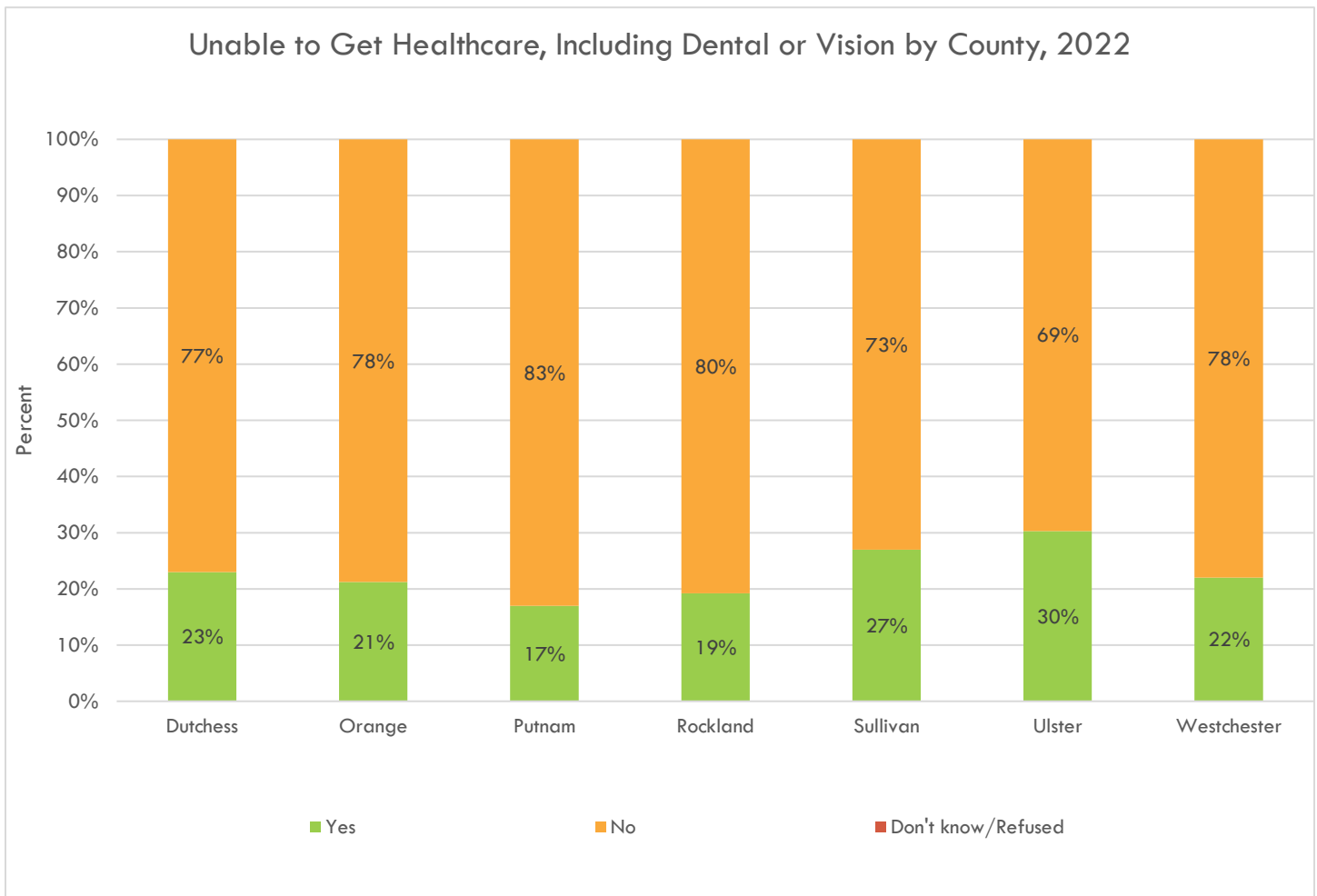
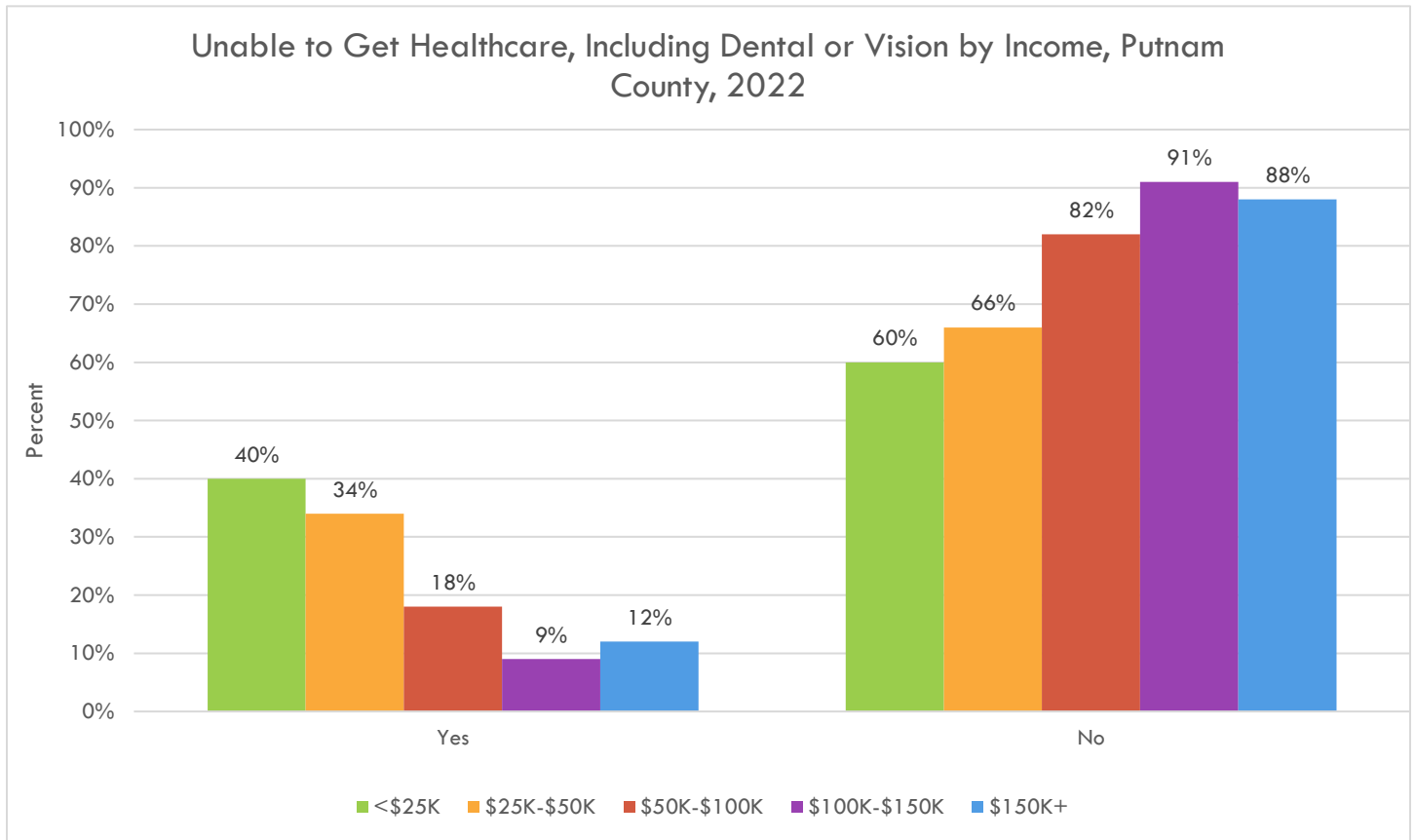


FIGURE 72A



Survey Question 25: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. Phone*

FIGURE 73A

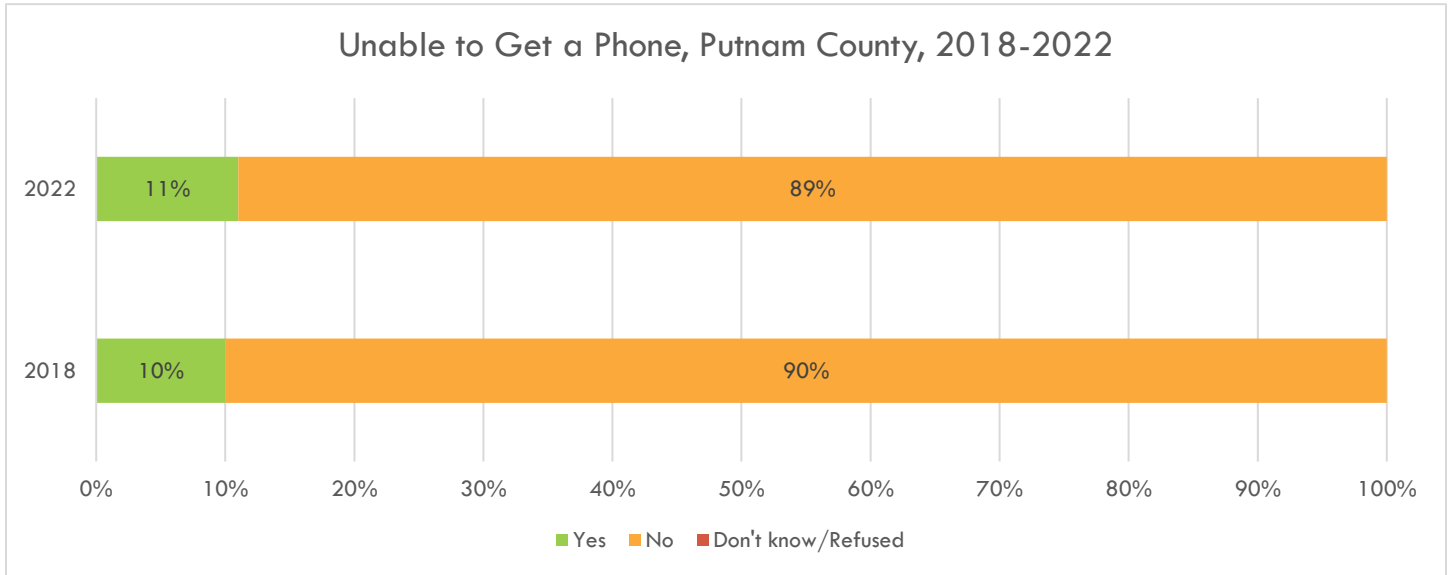


FIGURE 74A

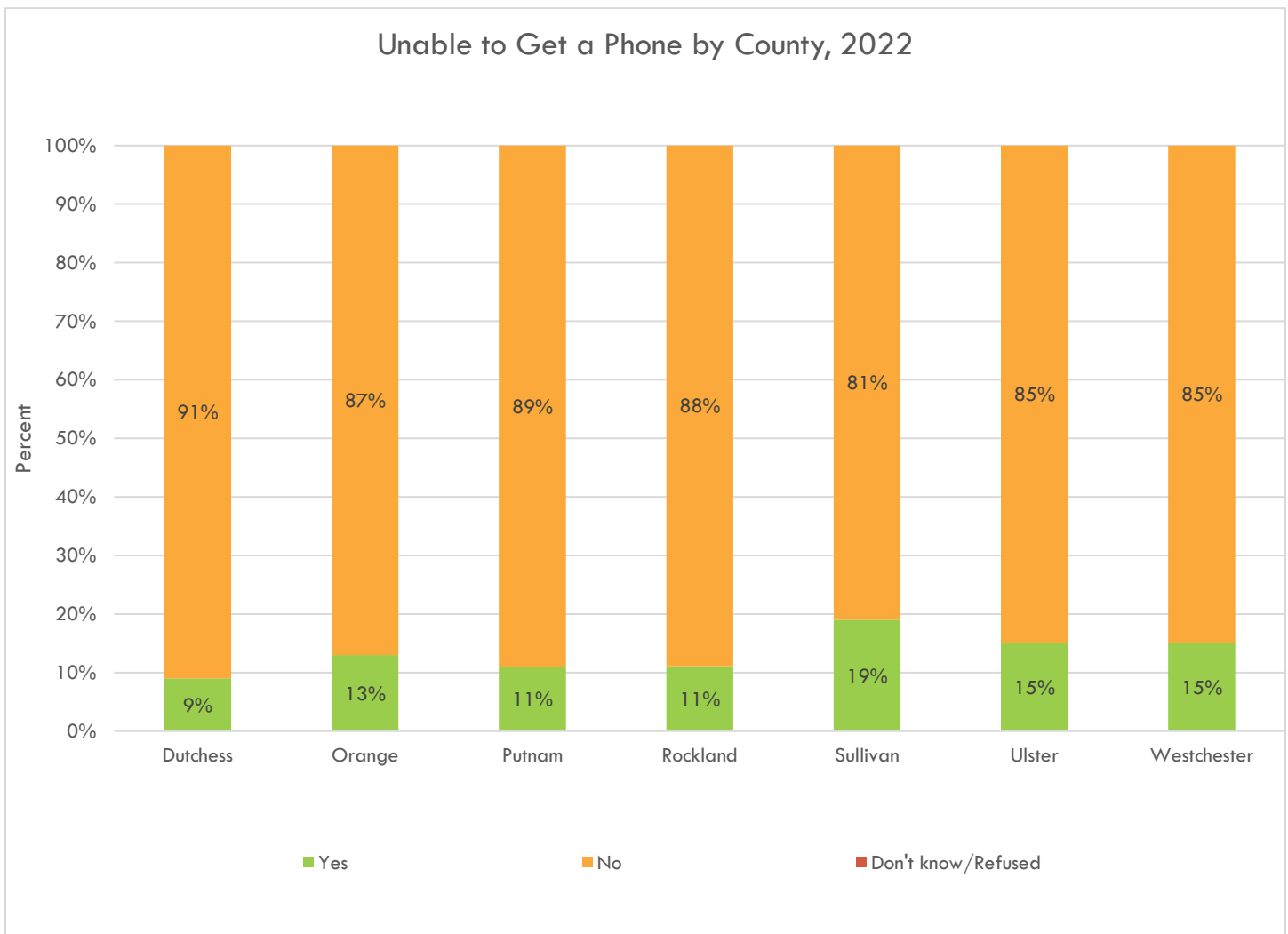
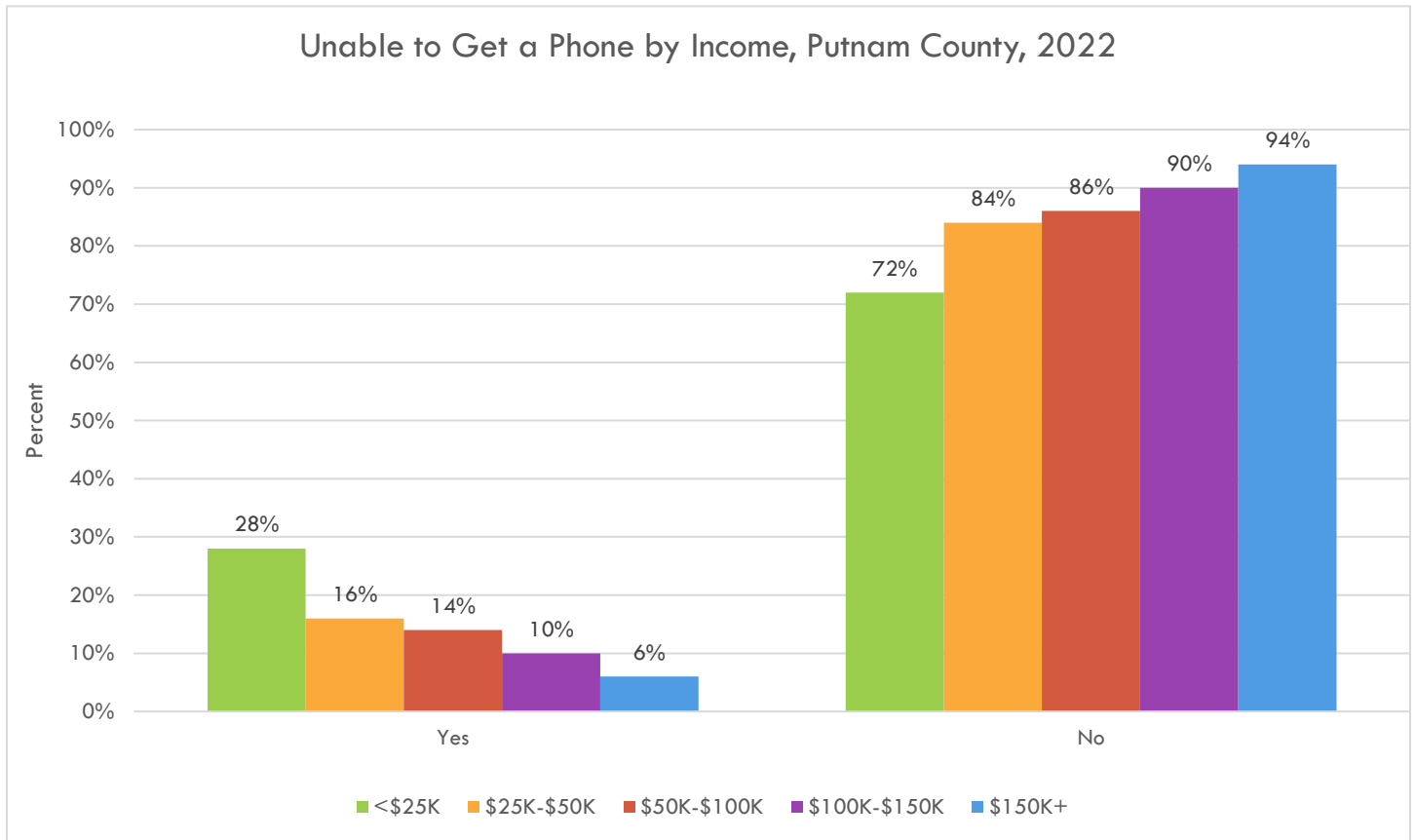


FIGURE 75A



Survey Question 26: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. **Transportation***

FIGURE 76A

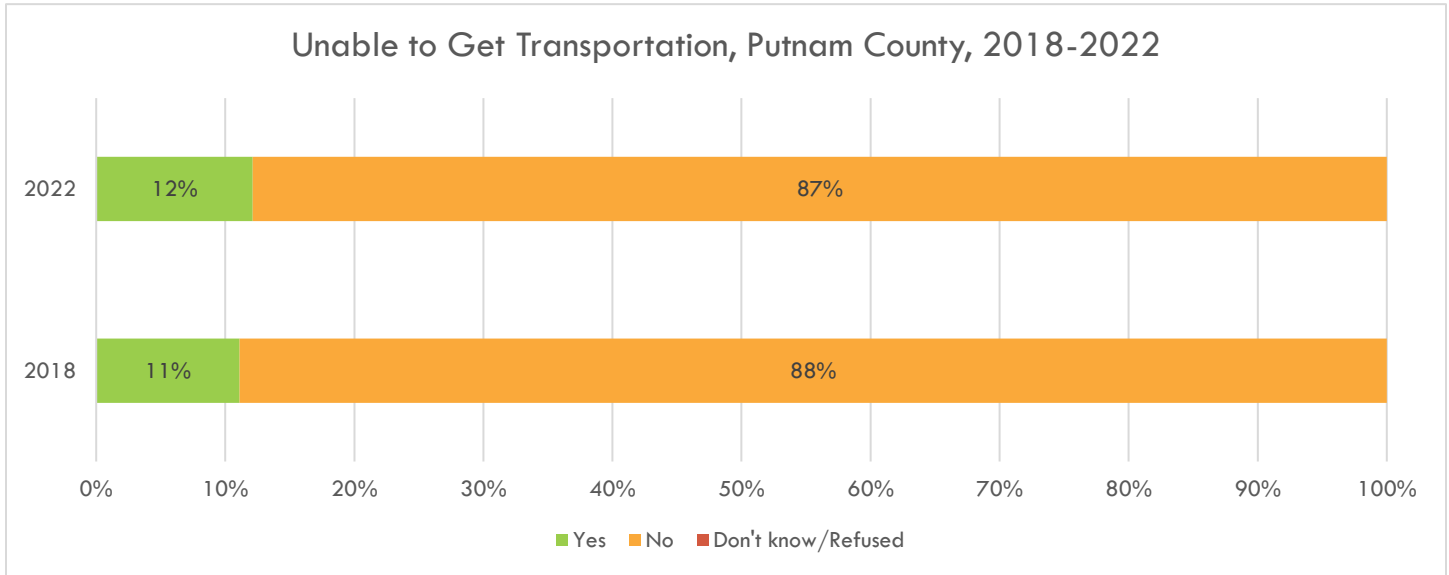


FIGURE 77A

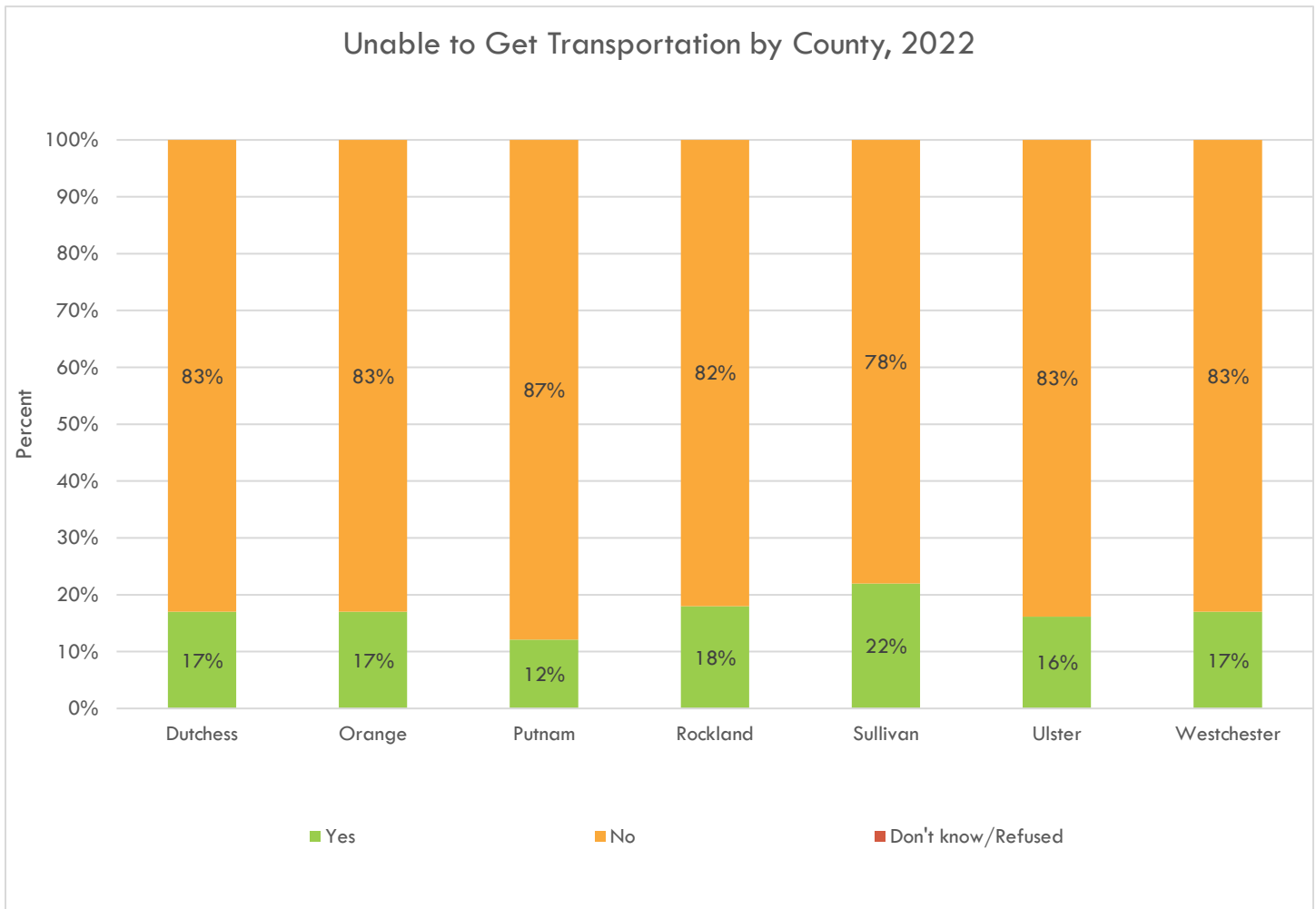
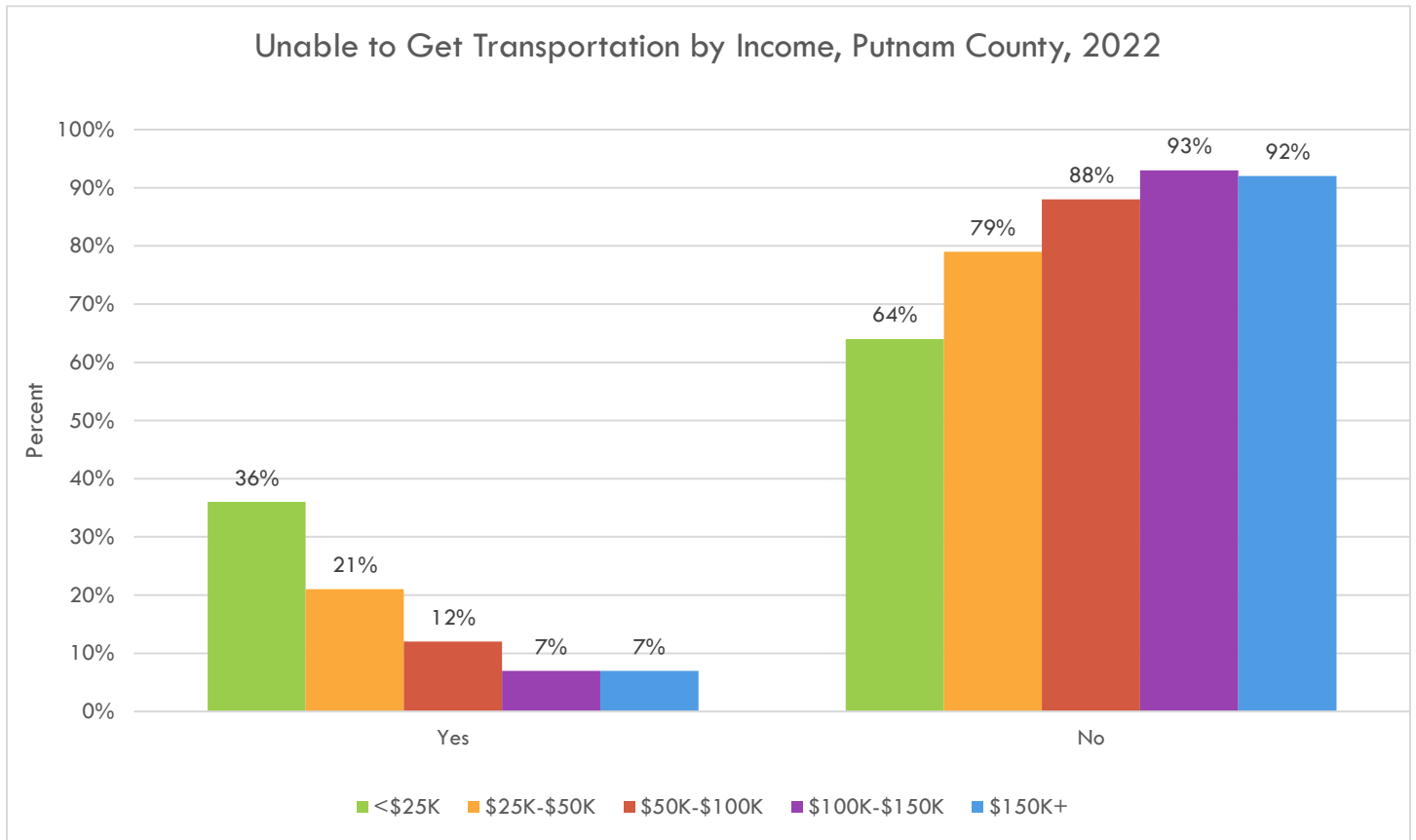


FIGURE 78A



Survey Question 27: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. Housing*

FIGURE 79A

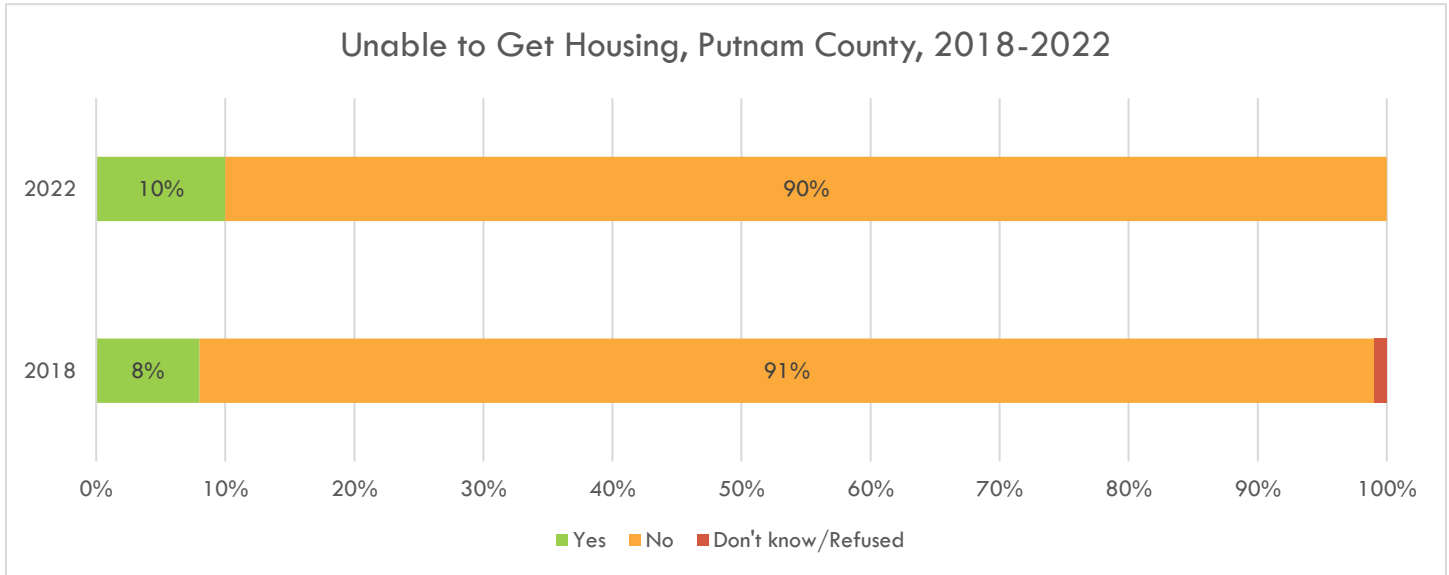


FIGURE 80A

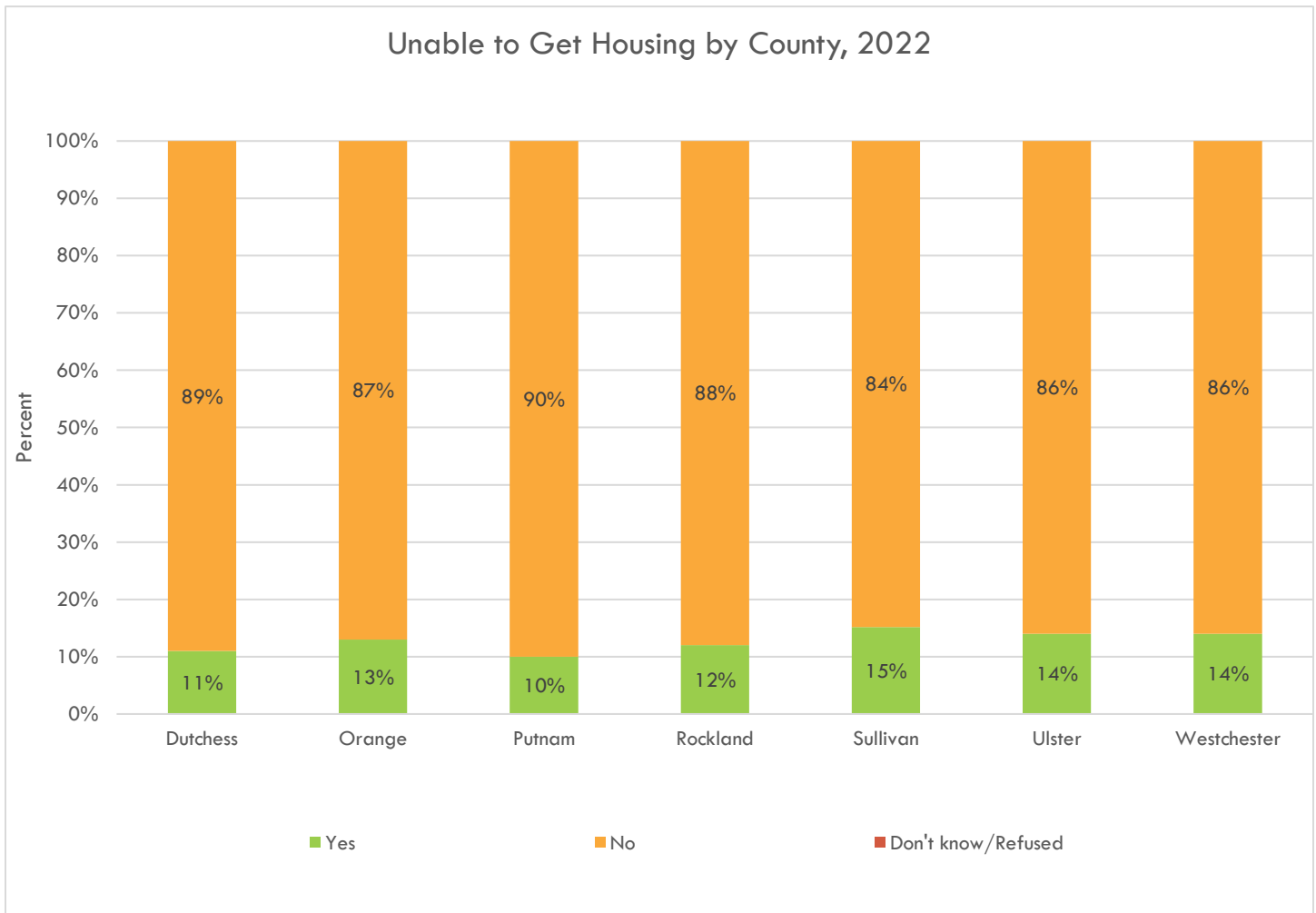
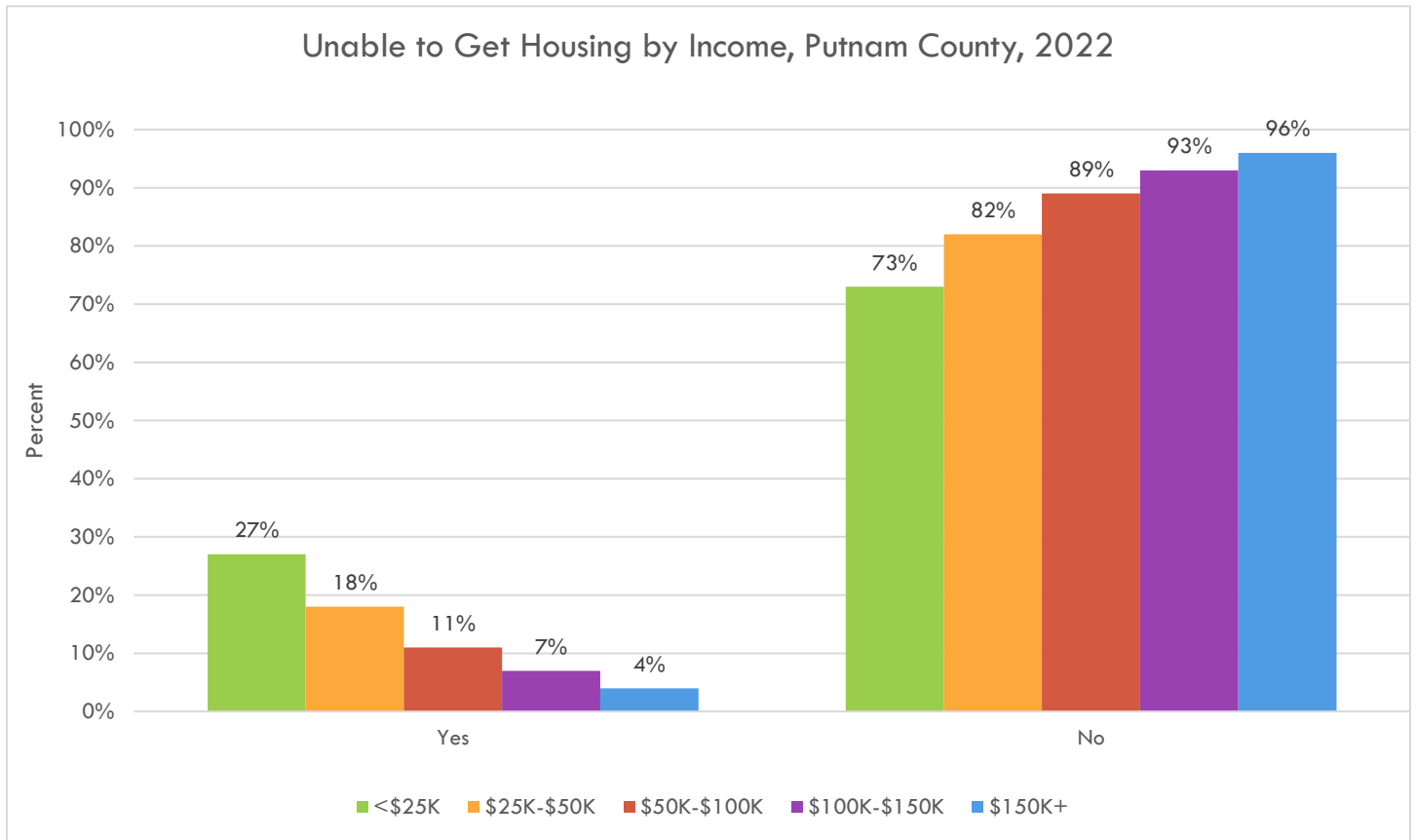


FIGURE 81 A



Survey Question 28: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. **Childcare***

FIGURE 82A

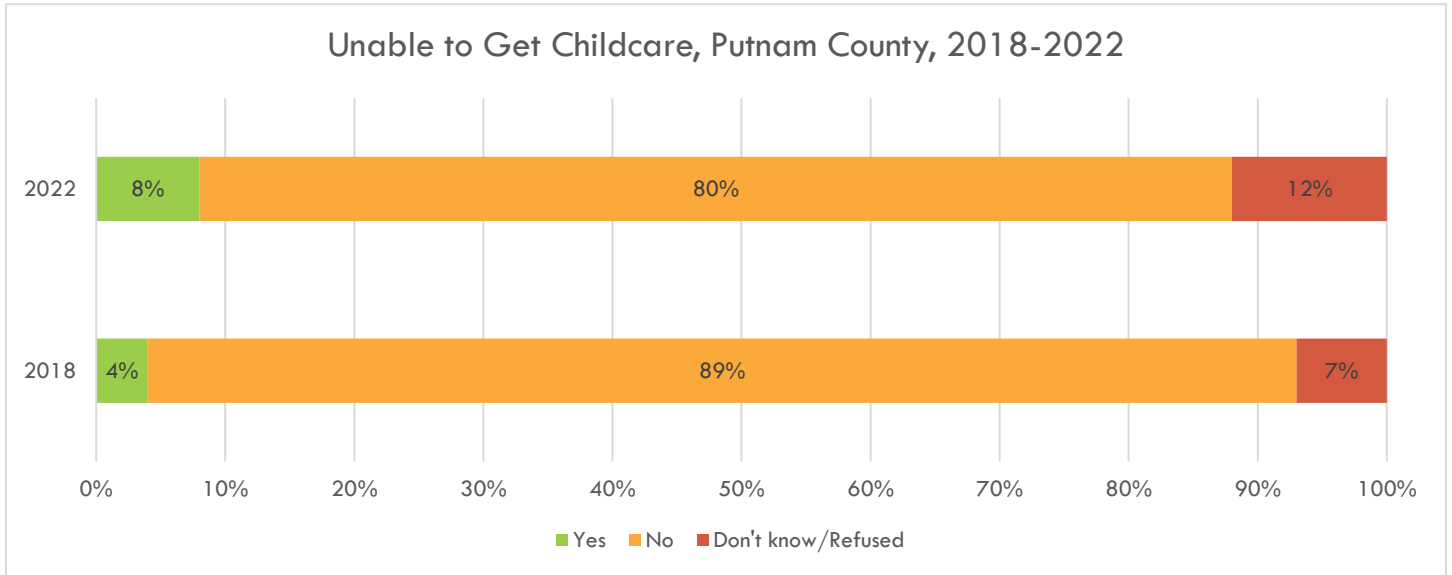


FIGURE 83A

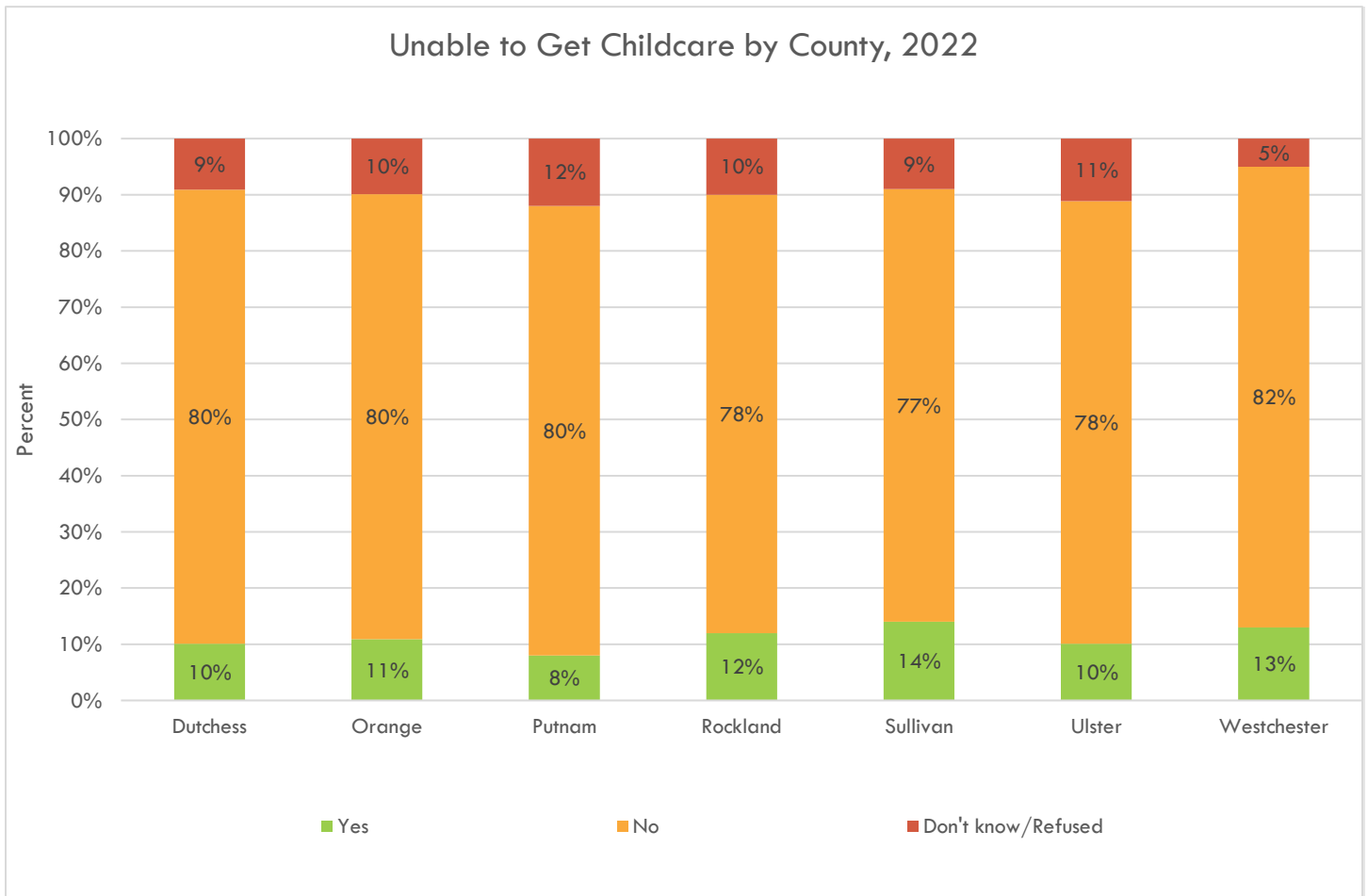
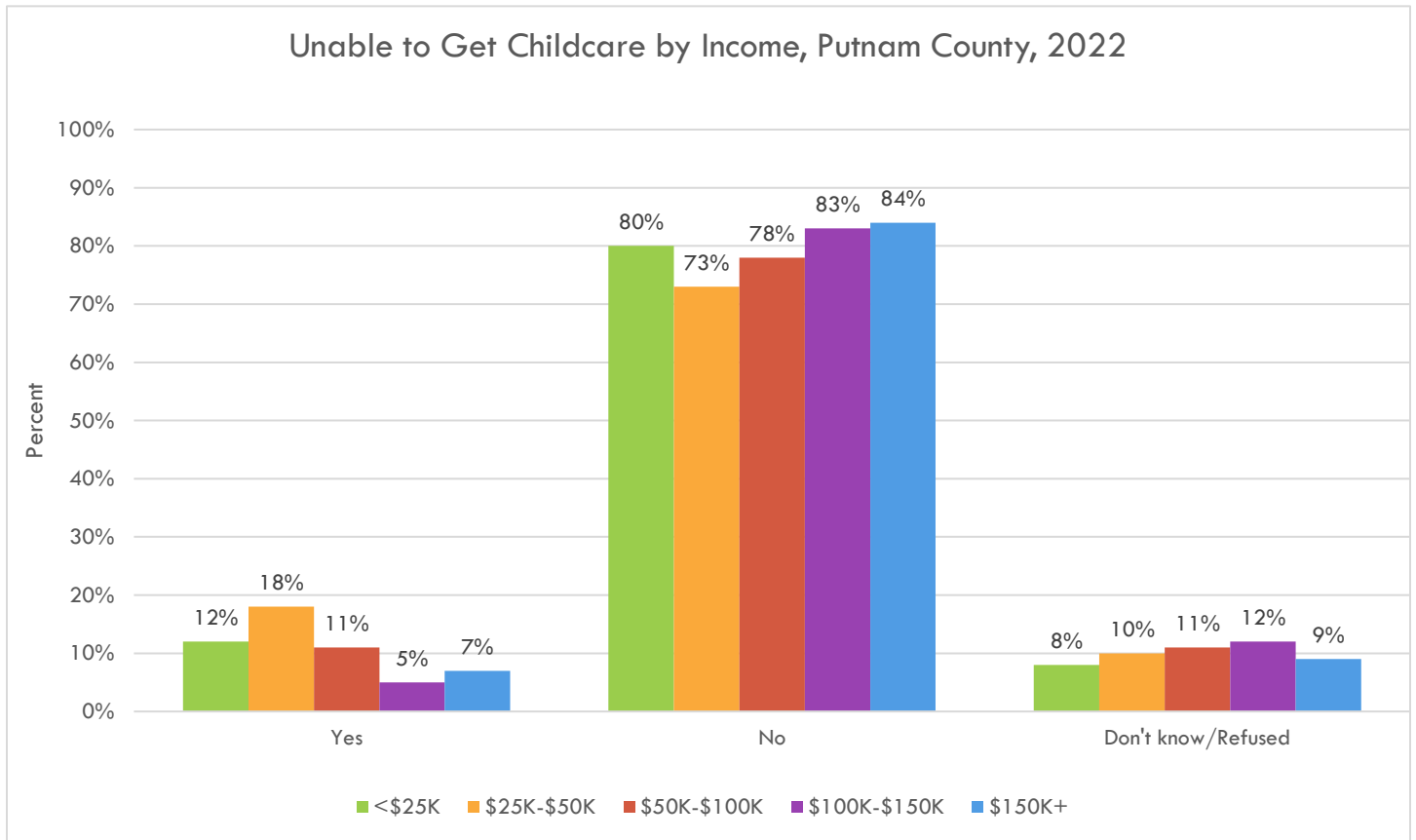


FIGURE 84A



Survey Question 29: *In the past 12 months, have you or any other member of your household been unable to get any of the following when it was really needed? Please answer yes or no for each item. Access to the internet*

FIGURE 85A

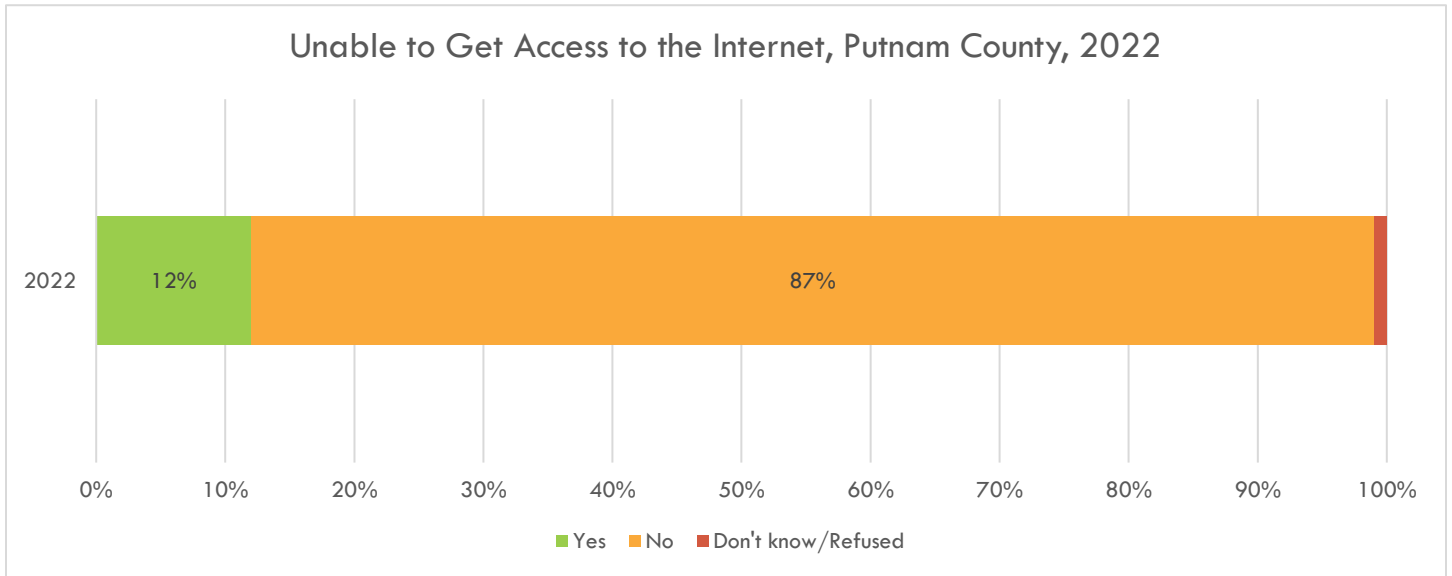


FIGURE 86A

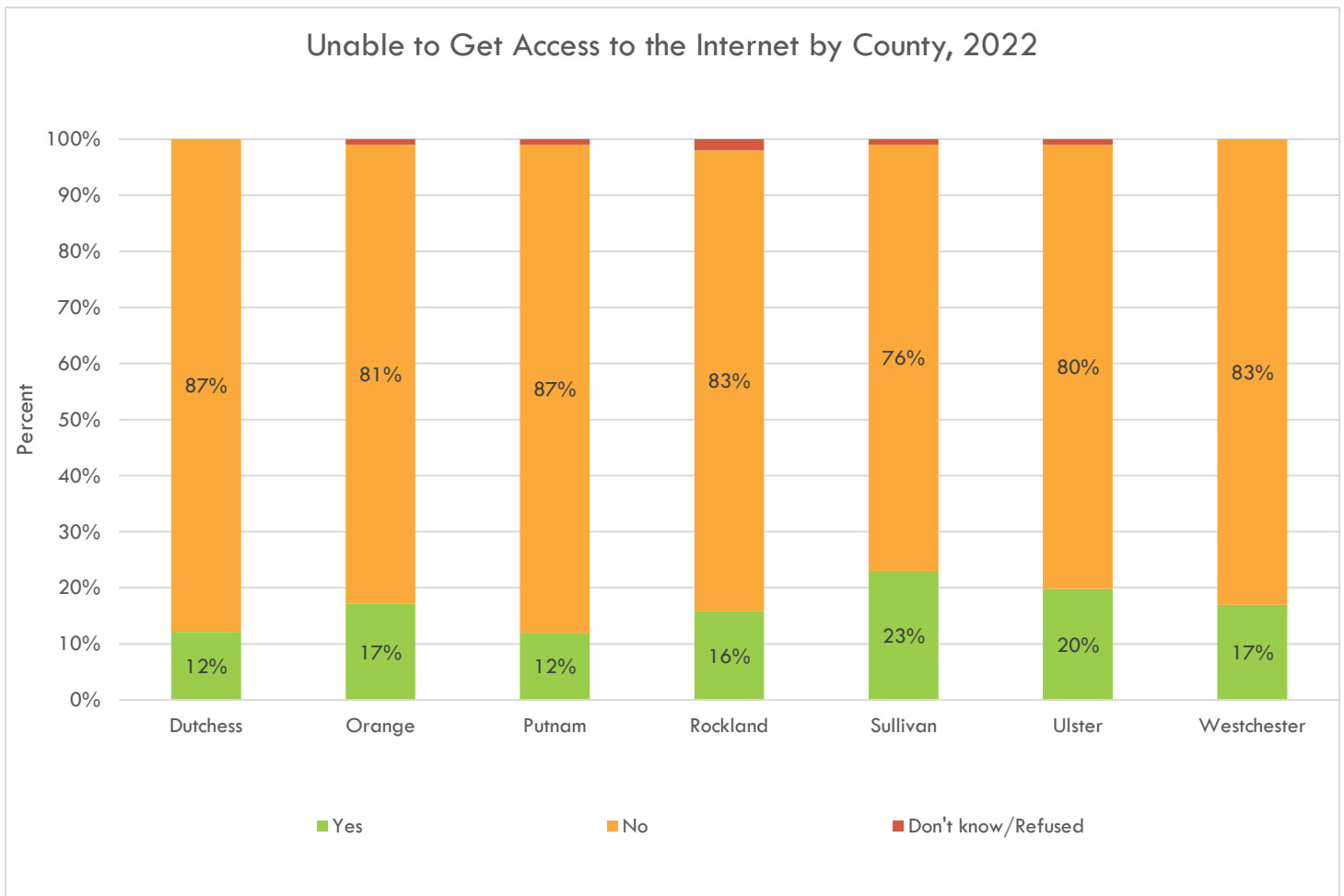
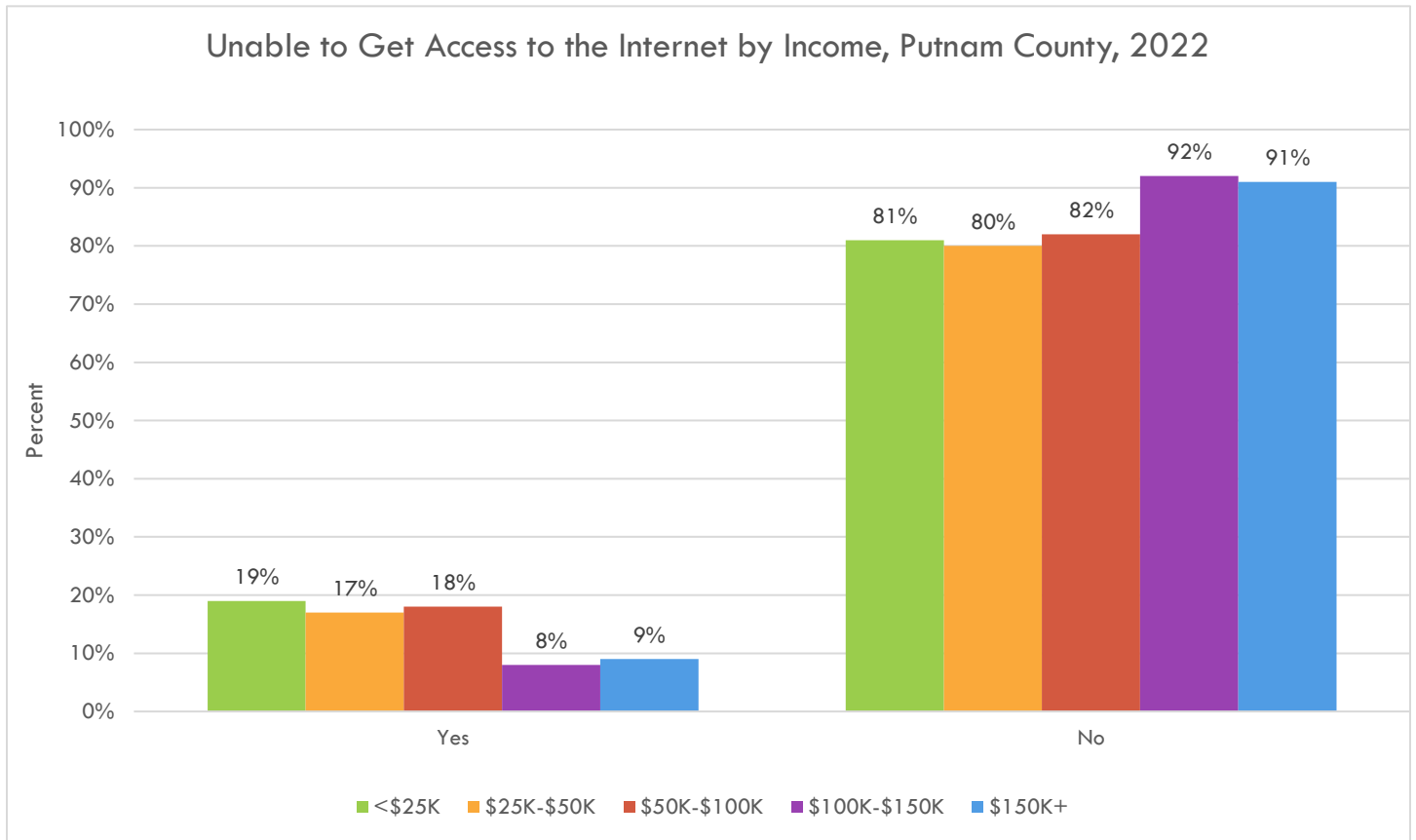


FIGURE 87A



HEALTHCARE VISITATIONS

Survey Question 30: *Have you visited a primary care provider for a routine physical or checkup within the last 12 months?*

FIGURE 88A

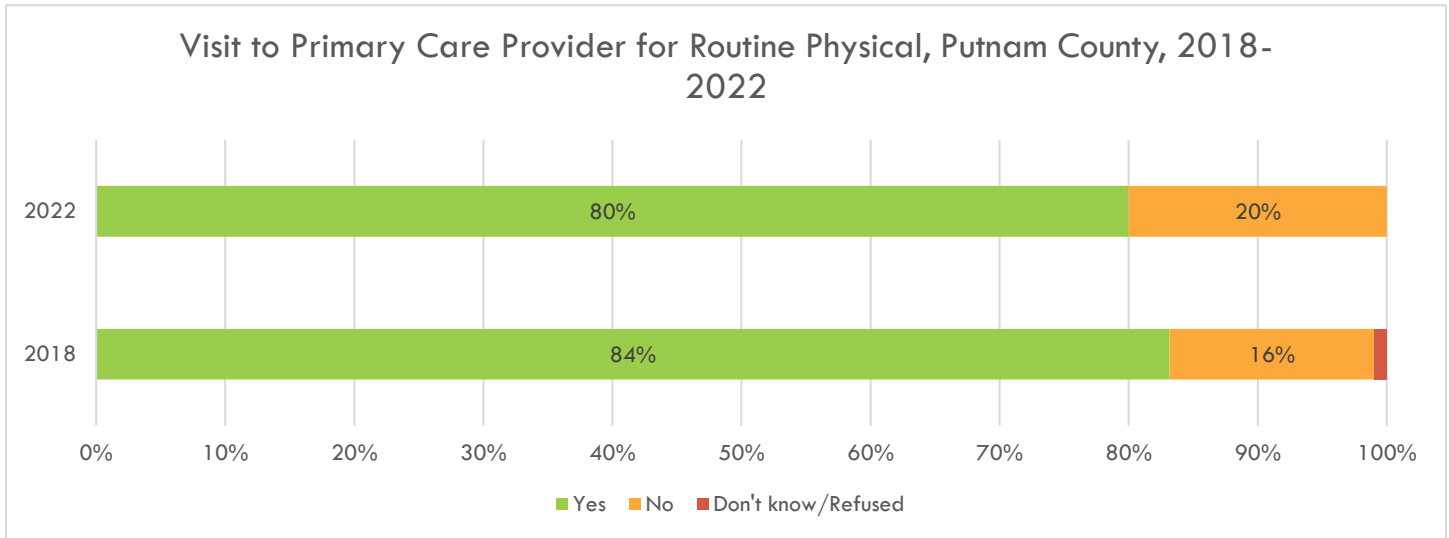


FIGURE 89A

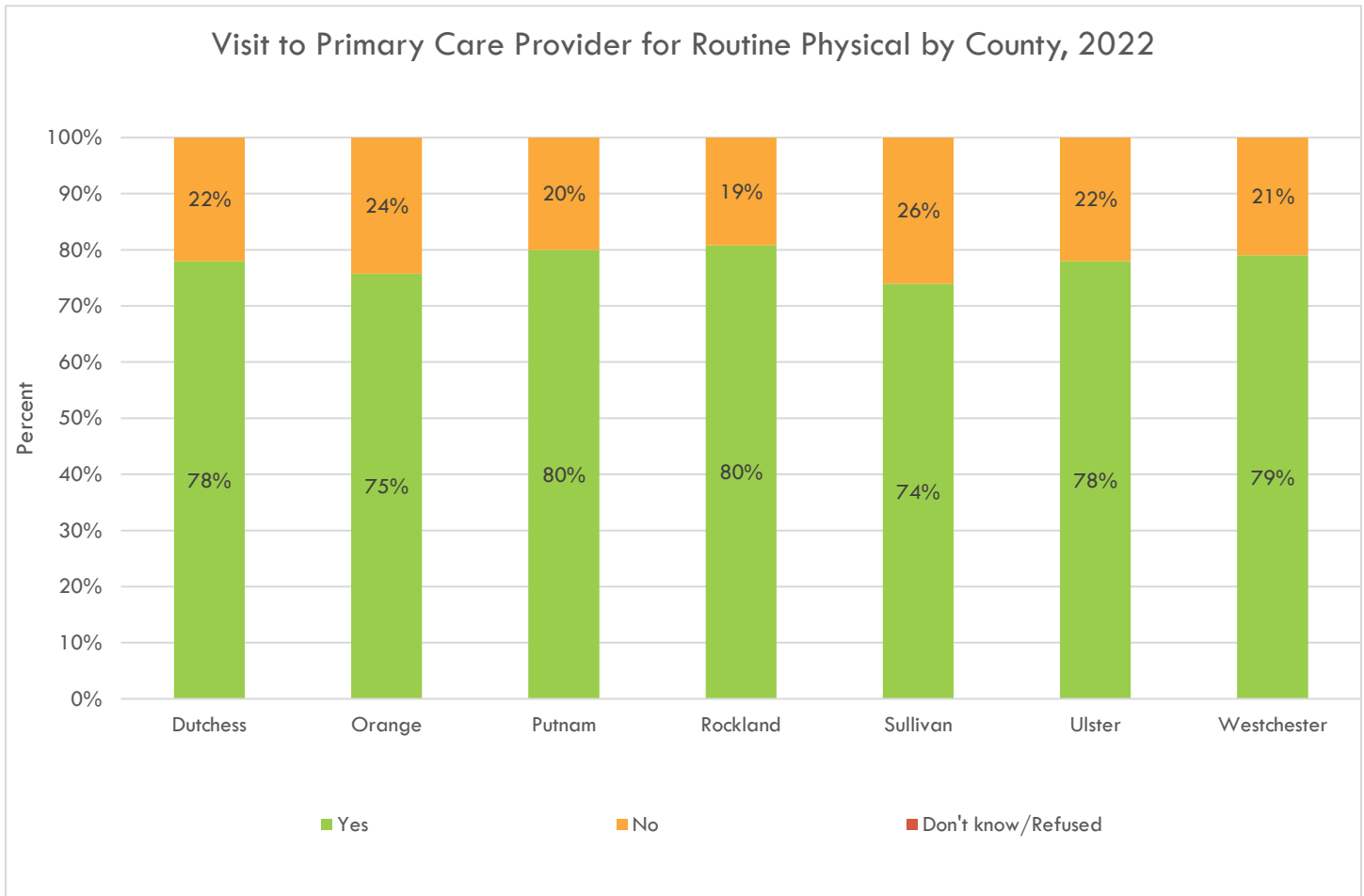
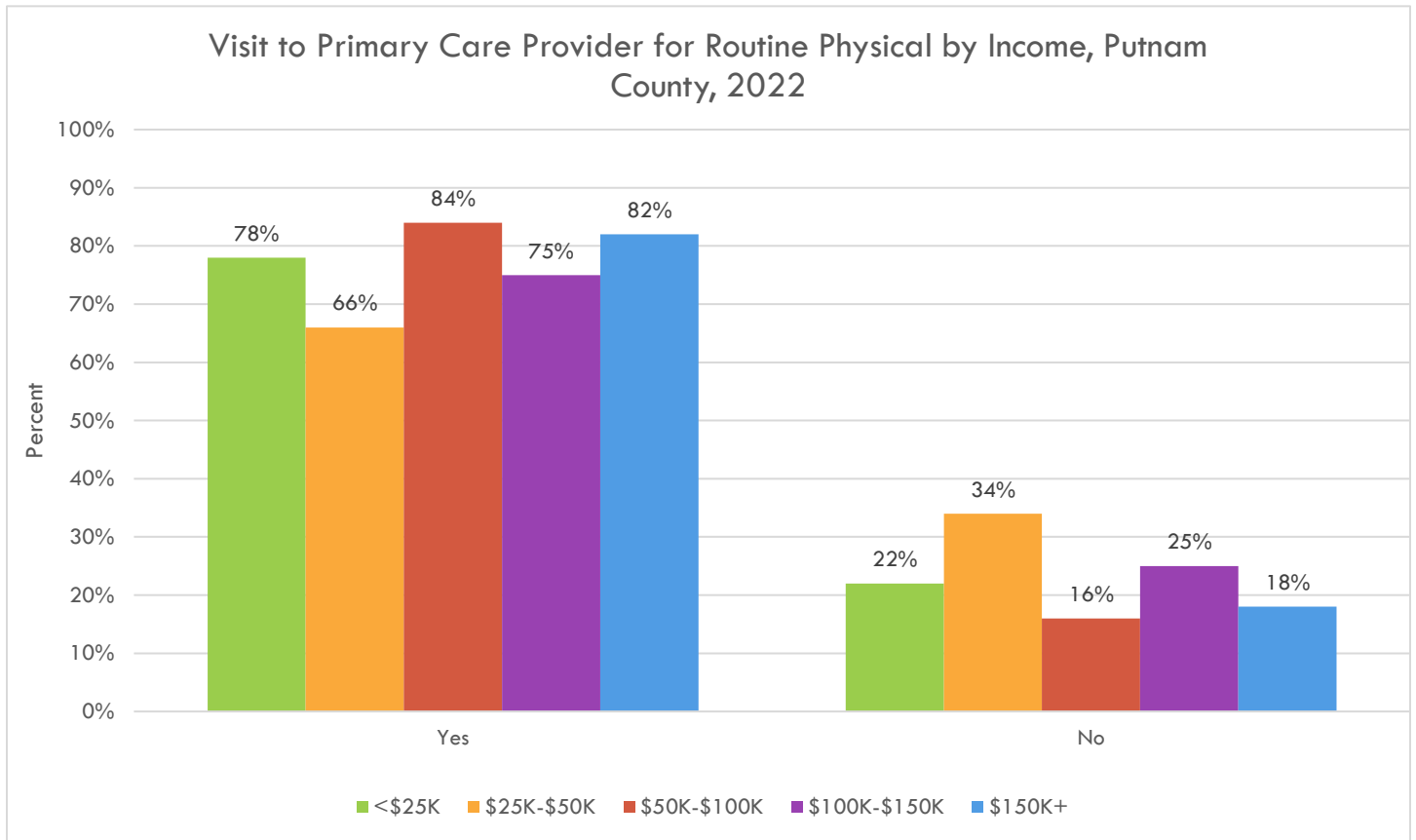


FIGURE 90A



Survey Question 31: (If did not visit primary care provider in the past year) In the last 12 months, were any of the following reasons that you did not visit a primary care provider for a routine physical or checkup?

FIGURE 91A

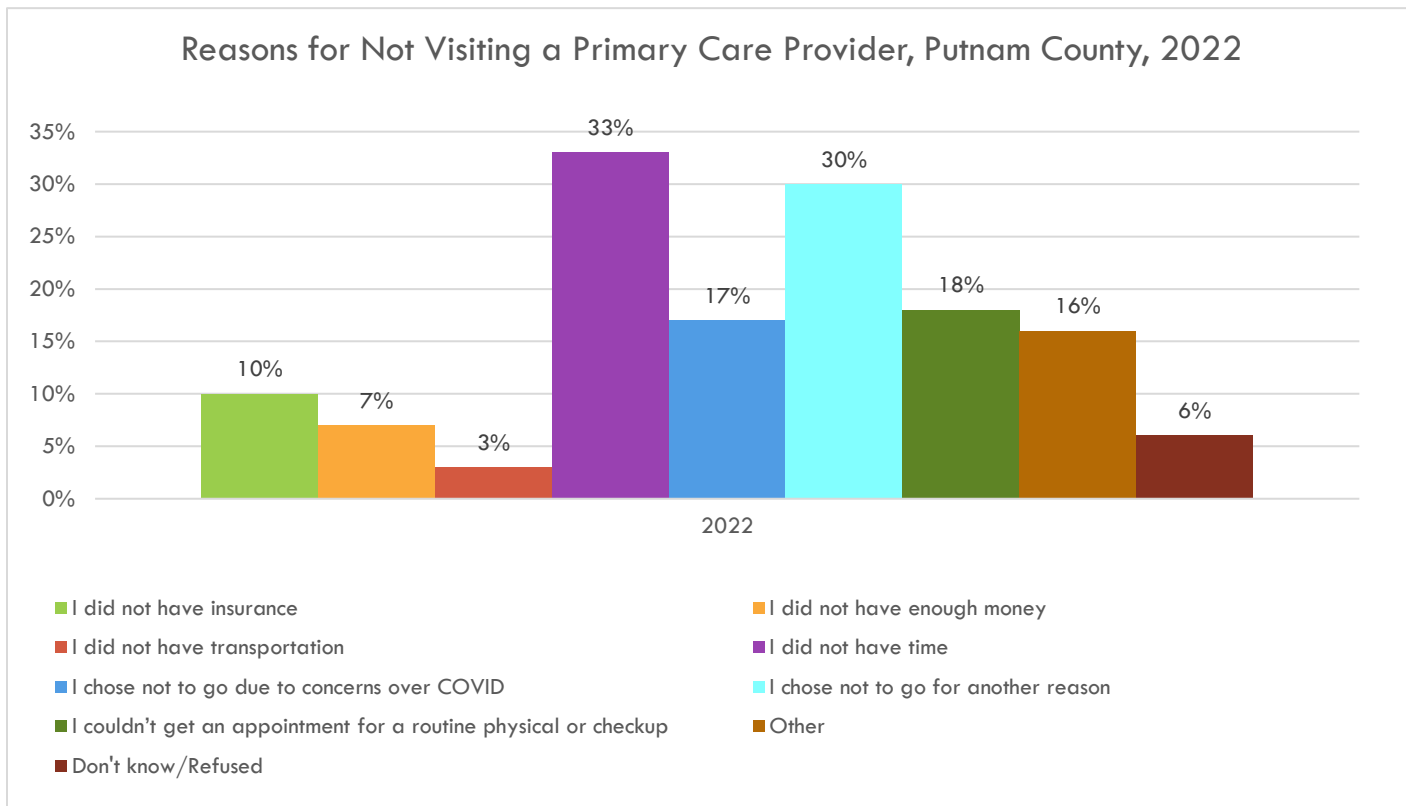


FIGURE 92A

	Dutchess	Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
I did not have insurance	10%	20%	10%	6%	14%	17%	12%
I did not have enough money	14%	12%	7%	4%	14%	18%	9%
I did not have transportation	6%	5%	3%	2%	4%	2%	5%
I did not have time	34%	29%	33%	34%	29%	35%	35%
I chose not to go due to concerns over COVID	20%	18%	17%	19%	20%	23%	22%
I chose not to go for another reason	34%	27%	30%	33%	28%	24%	27%
I couldn't get an appointment for a routine physical or checkup	20%	8%	18%	5%	11%	24%	14%
Other	12%	13%	16%	9%	14%	9%	13%
Don't know/Refused	4%	6%	6%	8%	3%	4%	4%

FIGURE 93A

Reasons for Not Visiting a Primary Care Provider by Income, Putnam County, 2022					
	<\$25K	\$25K-\$50K	\$50K-\$100K	\$100K-\$150K	\$150K+
■ I did not have insurance	38%	18%	10%	0%	5%
■ I did not have enough money	27%	3%	8%	7%	1%
■ I did not have transportation	5%	0%	0%	2%	7%
■ I did not have time	44%	15%	26%	34%	49%
■ I chose not to go due to concerns over COVID	7%	7%	9%	42%	9%
■ I chose not to go for another reason	11%	26%	18%	24%	41%
■ I couldn't get an appointment for a routine physical or checkup	11%	23%	30%	4%	26%
■ Other	0%	12%	34%	18%	8%
■ Don't know/Refused	0%	23%	3%	0%	5%

Survey Question 32: Have you visited a dentist for a routine check-up or cleaning within the last 12 months?

FIGURE 94A

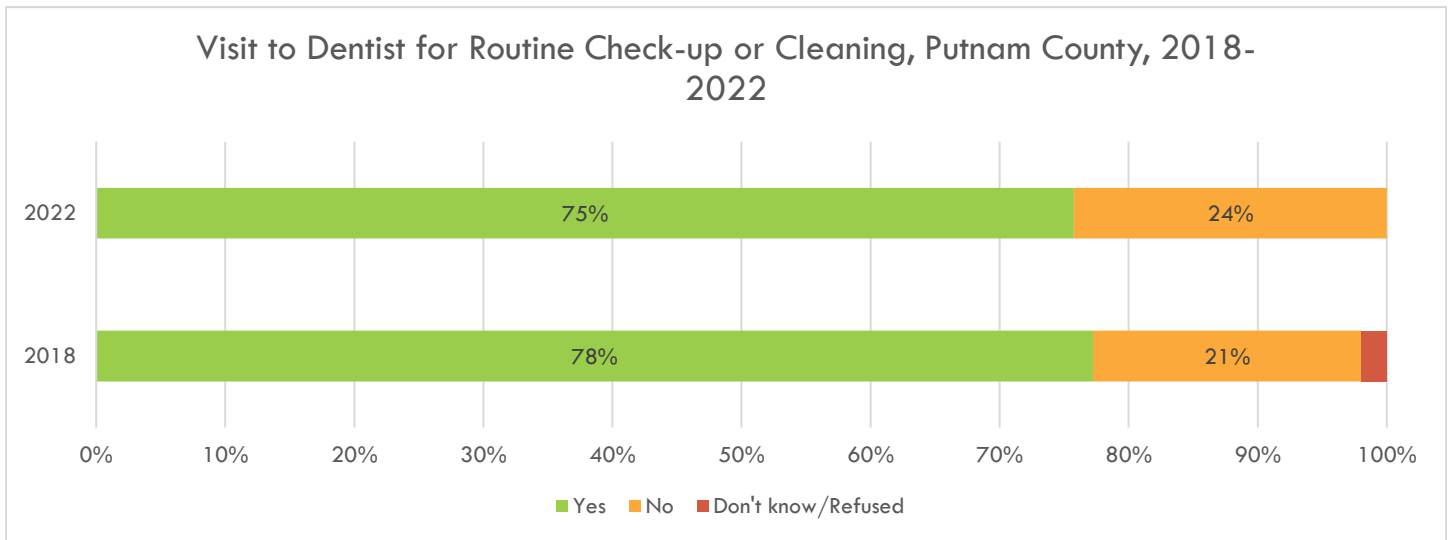


FIGURE 95A

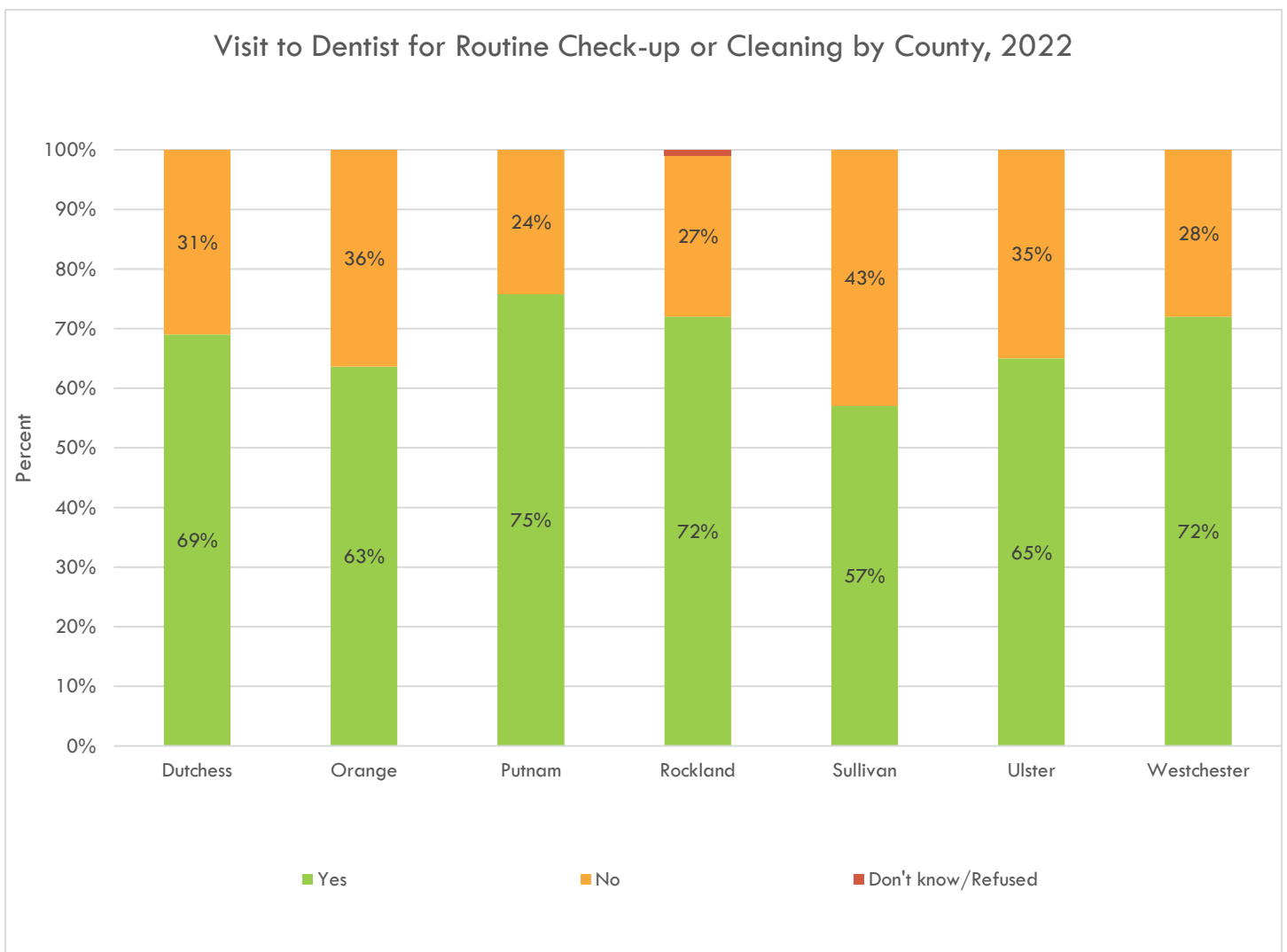
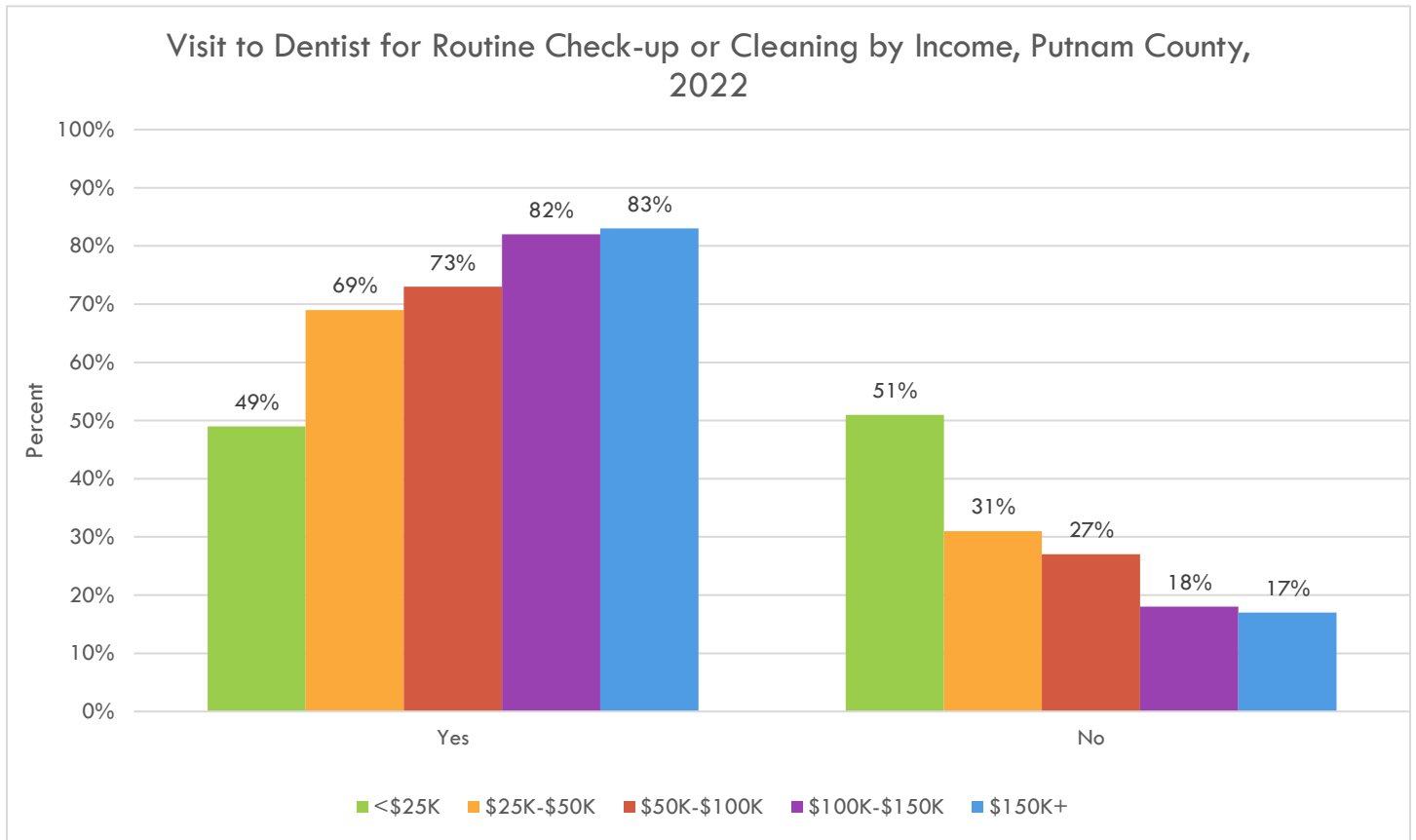


FIGURE 96A



Survey Question 33: (If did not visit dentist in the past year) In the last 12 months, were any of the following reasons that you did not visit a dentist for a routine check-up or cleaning?

FIGURE 97A

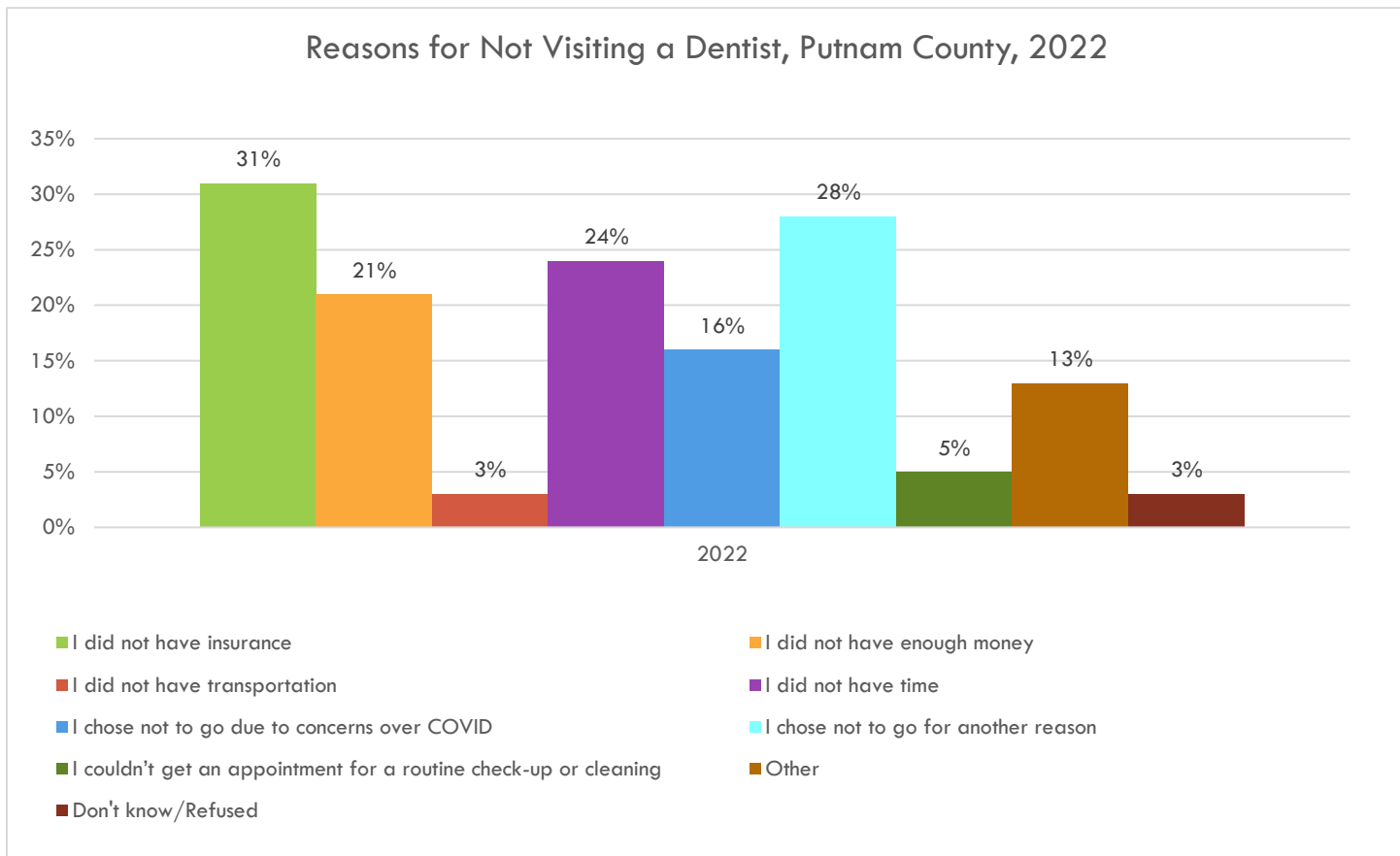


FIGURE 98A

	Dutchess	Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
I did not have insurance	23%	29%	31%	18%	26%	19%	28%
I did not have enough money	23%	18%	21%	17%	23%	22%	22%
I did not have transportation	6%	4%	3%	2%	4%	7%	6%
I did not have time	26%	19%	24%	27%	24%	21%	27%
I chose not to go due to concerns over COVID	23%	23%	16%	27%	22%	27%	27%
I chose not to go for another reason	25%	22%	28%	28%	31%	23%	23%
I couldn't get an appointment for a routine check-up or cleaning	10%	8%	5%	6%	13%	15%	7%
Other	13%	11%	13%	7%	15%	9%	5%
Don't know/Refused	3%	3%	3%	6%	4%	6%	4%

FIGURE 99A

Reasons for Not Visiting a Dentist by Income, Putnam County, 2022					
	<\$25K	\$25K-\$50K	\$50K-\$100K	\$100K-\$150K	\$150K+
■ I did not have insurance	59%	46%	35%	15%	14%
■ I did not have enough money	22%	47%	23%	12%	18%
■ I did not have transportation	5%	5%	0%	0%	10%
■ I did not have time	15%	24%	27%	33%	26%
■ I chose not to go due to concerns over COVID	9%	11%	17%	15%	25%
■ I chose not to go for another reason	21%	20%	19%	38%	33%
■ I couldn't get an appointment for a routine physical or checkup	0%	14%	0%	0%	19%
■ Other	7%	16%	7%	14%	10%
■ Don't know/Refused	5%	0%	6%	0%	1%

Survey Question 34: Sometimes people visit the emergency room for medical conditions or illnesses that are not emergencies; that is, for health-related issues that may be treatable in a doctor’s office. Have you visited an emergency room for a medical issue that was not an emergency in the last 12 months?

FIGURE 100A

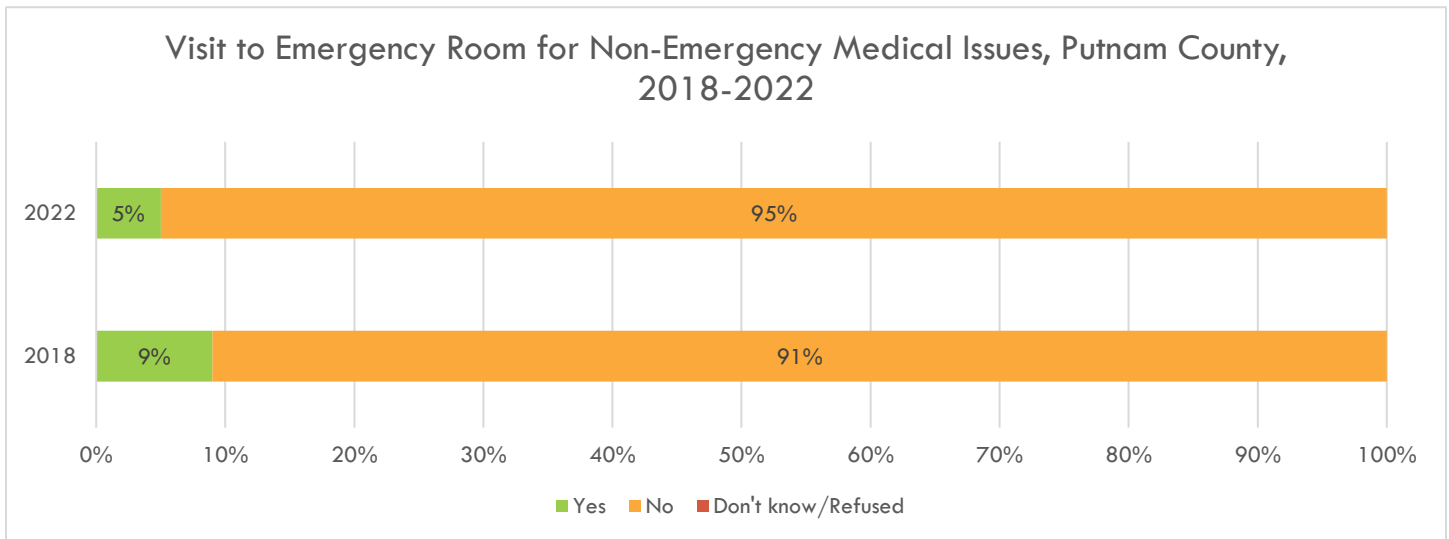


FIGURE 101A

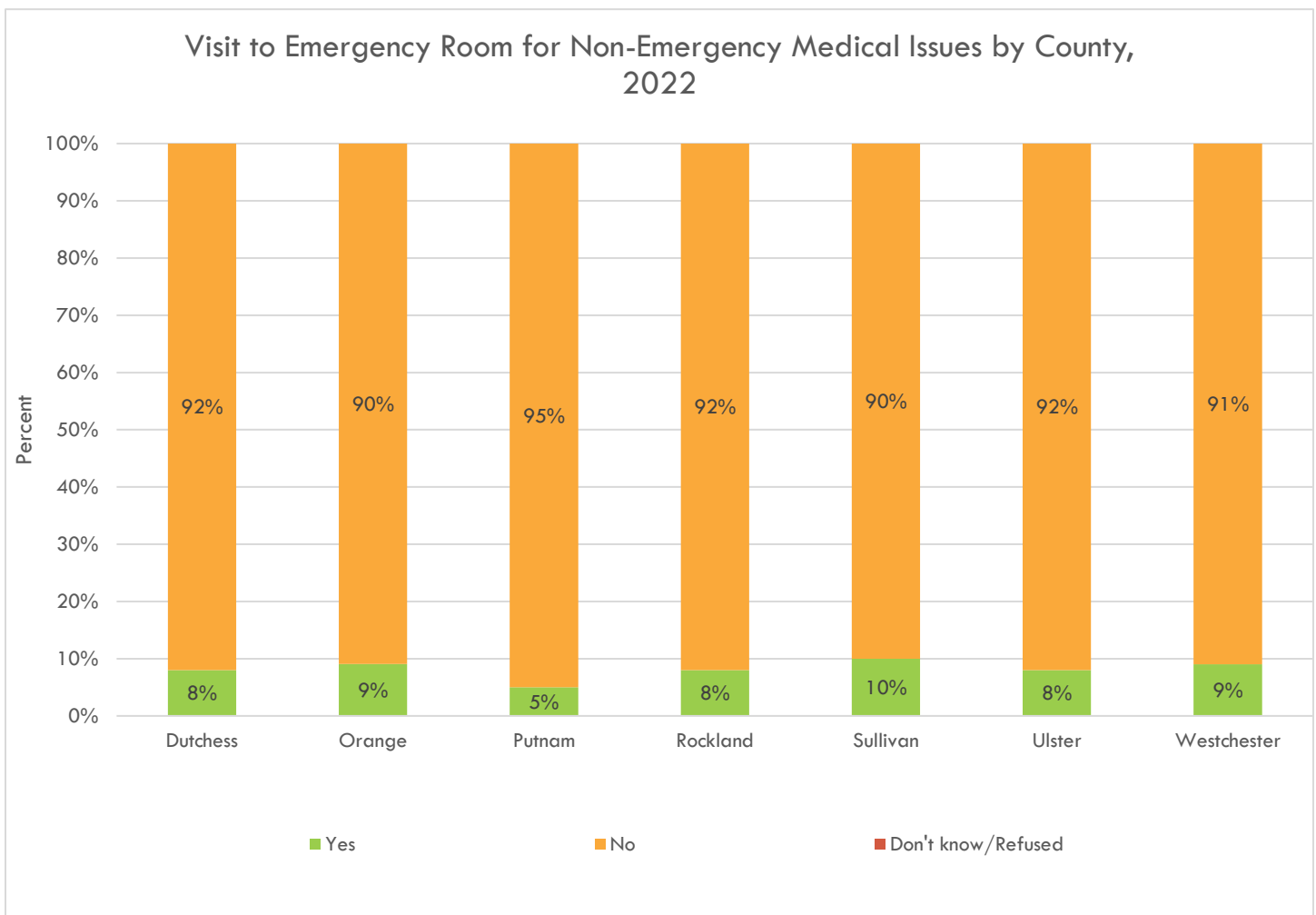
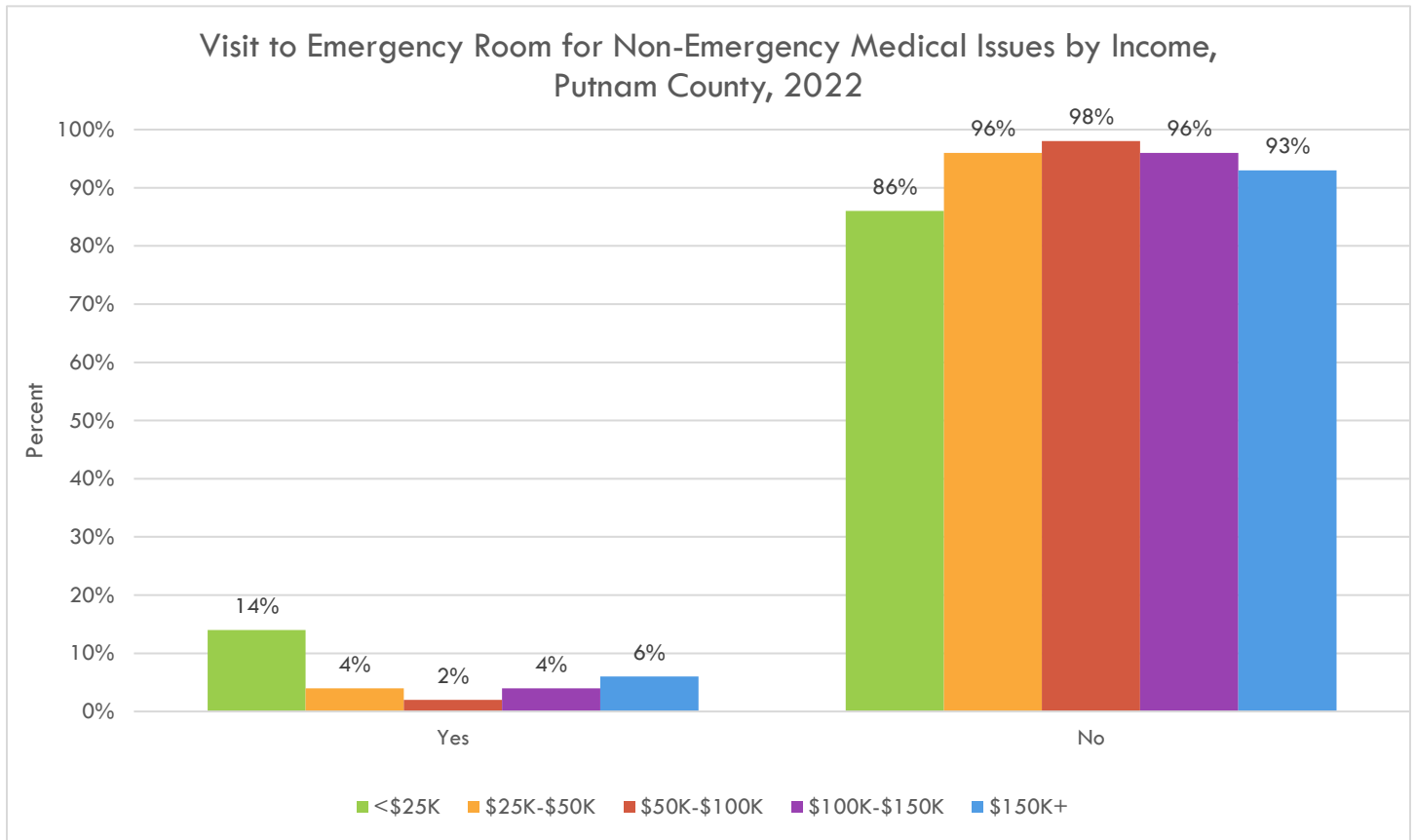


FIGURE 102A



Survey Question 35: (If visited Emergency Room for non-emergency in the past year) In the last 12 months, for which of the following reasons did you visit the emergency room for a non-health emergency rather than a doctor's office?

FIGURE 103A

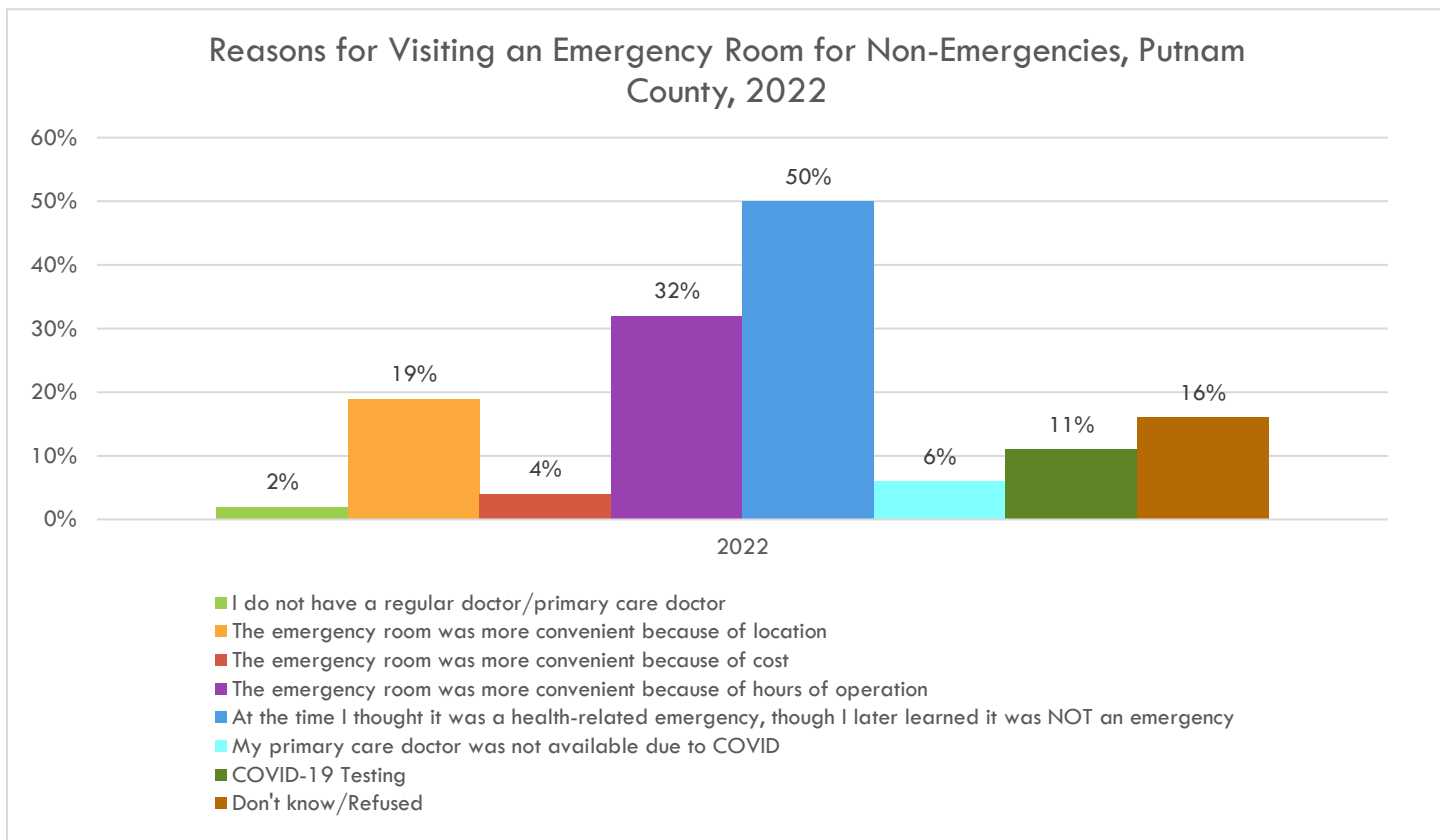


FIGURE 104A

	Dutchess	Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
I do not have a regular doctor/primary care doctor	13%	25%	2%	11%	10%	7%	7%
The emergency room was more convenient because of location	22%	19%	19%	14%	28%	23%	31%
The emergency room was more convenient because of cost	8%	9%	4%	8%	23%	7%	6%
The emergency room was more convenient because of hours of operation	36%	40%	32%	37%	48%	47%	28%
At the time I thought it was a health-related emergency, though I later learned it was NOT an emergency	39%	27%	50%	40%	41%	19%	33%
My primary care doctor was not available due to COVID	7%	2%	6%	21%	12%	5%	11%
COVID-19 Testing	4%	10%	11%	10%	41%	24%	19%
Don't know/Refused	18%	14%	16%	5%	7%	14%	8%

FIGURE 105A

Reasons for Not Visiting an Emergency Room for Non-Emergencies by Income, Putnam County, 2022

	<\$25K	\$25K-\$50K	\$50K-\$100K	\$100K-\$150K	\$150K+
■ I do not have a regular doctor/primary care doctor	0%	0%	0%	6%	0%
■ The emergency room was more convenient because of location	20%	38%	30%	6%	10%
■ The emergency room was more convenient because of cost	0%	0%	30%	6%	0%
■ The emergency room was more convenient because of hours of operation	34%	42%	42%	26%	26%
■ At the time I thought it was a health-related emergency, though I later learned it was NOT an emergency	34%	42%	42%	80%	48%
■ My primary care doctor was not available due to COVID	0%	0%	30%	6%	8%
■ COVID-19 Testing	0%	10%	88%	6%	0%
■ Don't know/Refused	56%	10%	0%	0%	8%

Survey Question 36: *Have you visited a mental health provider, such as a psychiatrist, psychologist, social worker, or therapist for 1-on-1 appointments or group-sessions (either in-person or online), etc. within the last 12 months?*

FIGURE 106A

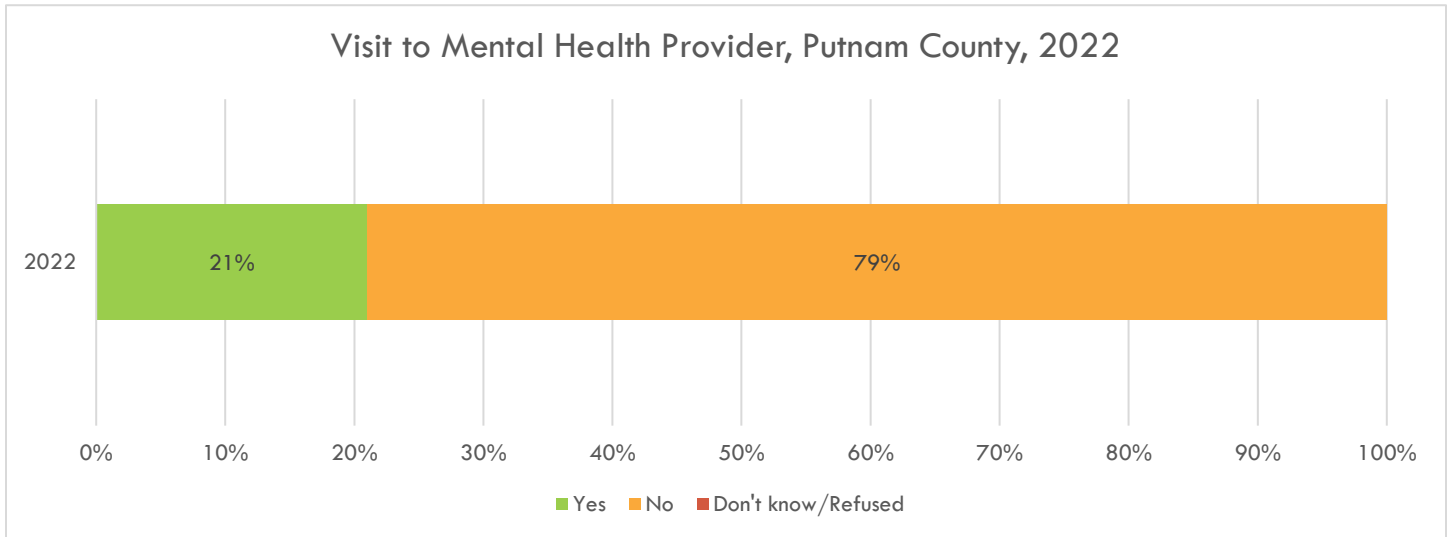


FIGURE 107A

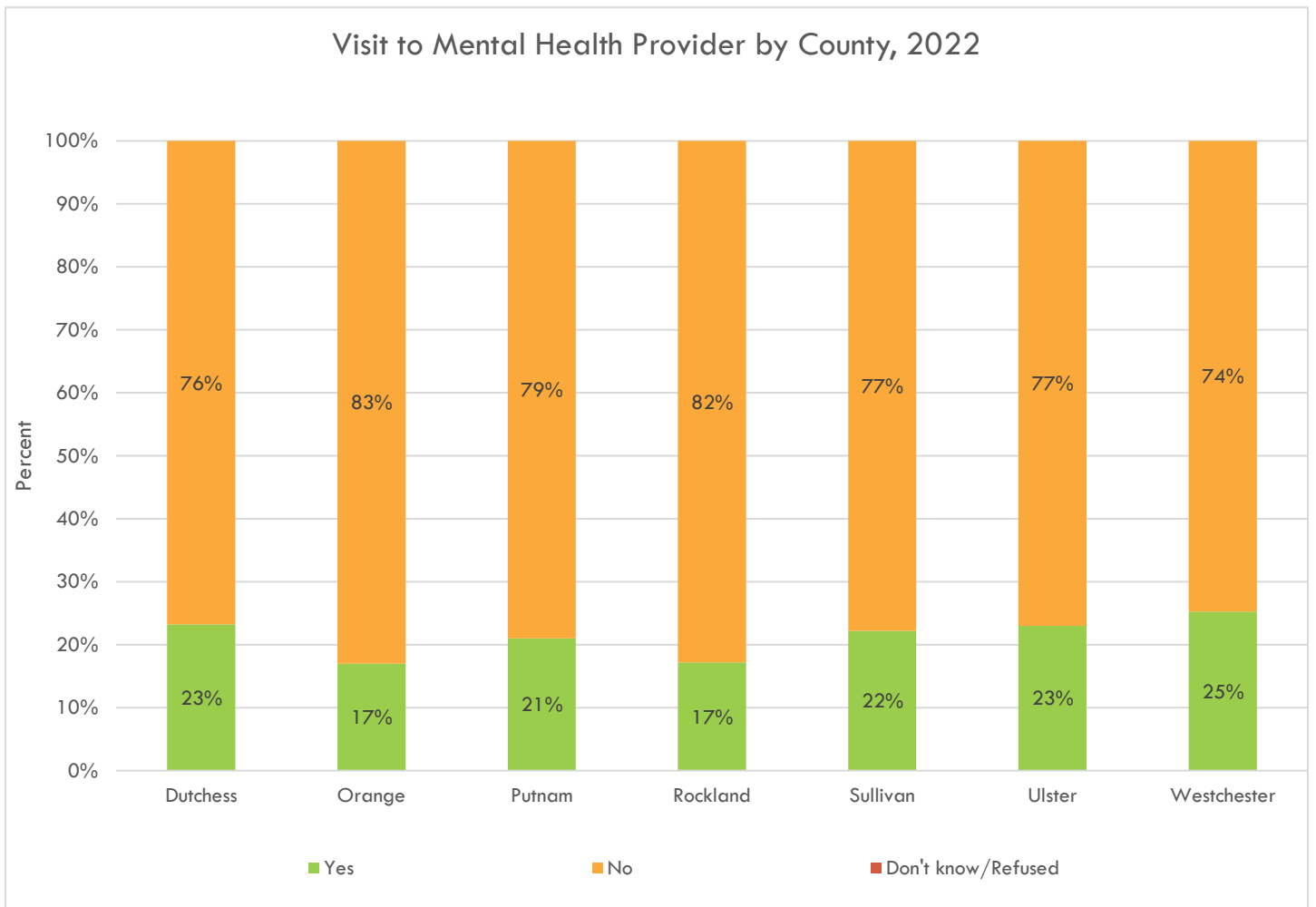
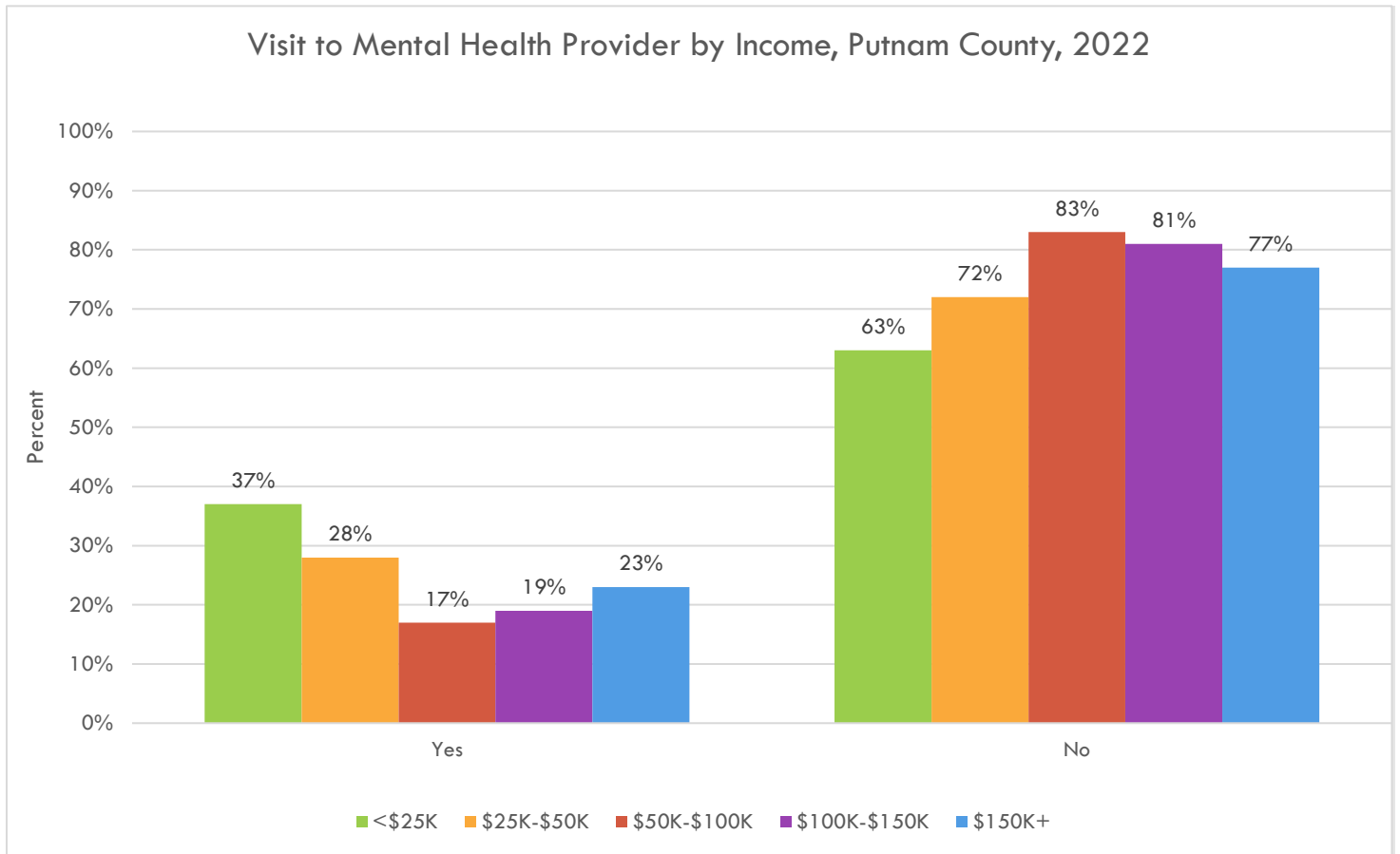


FIGURE 108A



Survey Question 37: (If did not visit mental health provider in the past year) In the last 12 months, were any of the following reasons that you did not visit a mental health provider?

FIGURE 109A

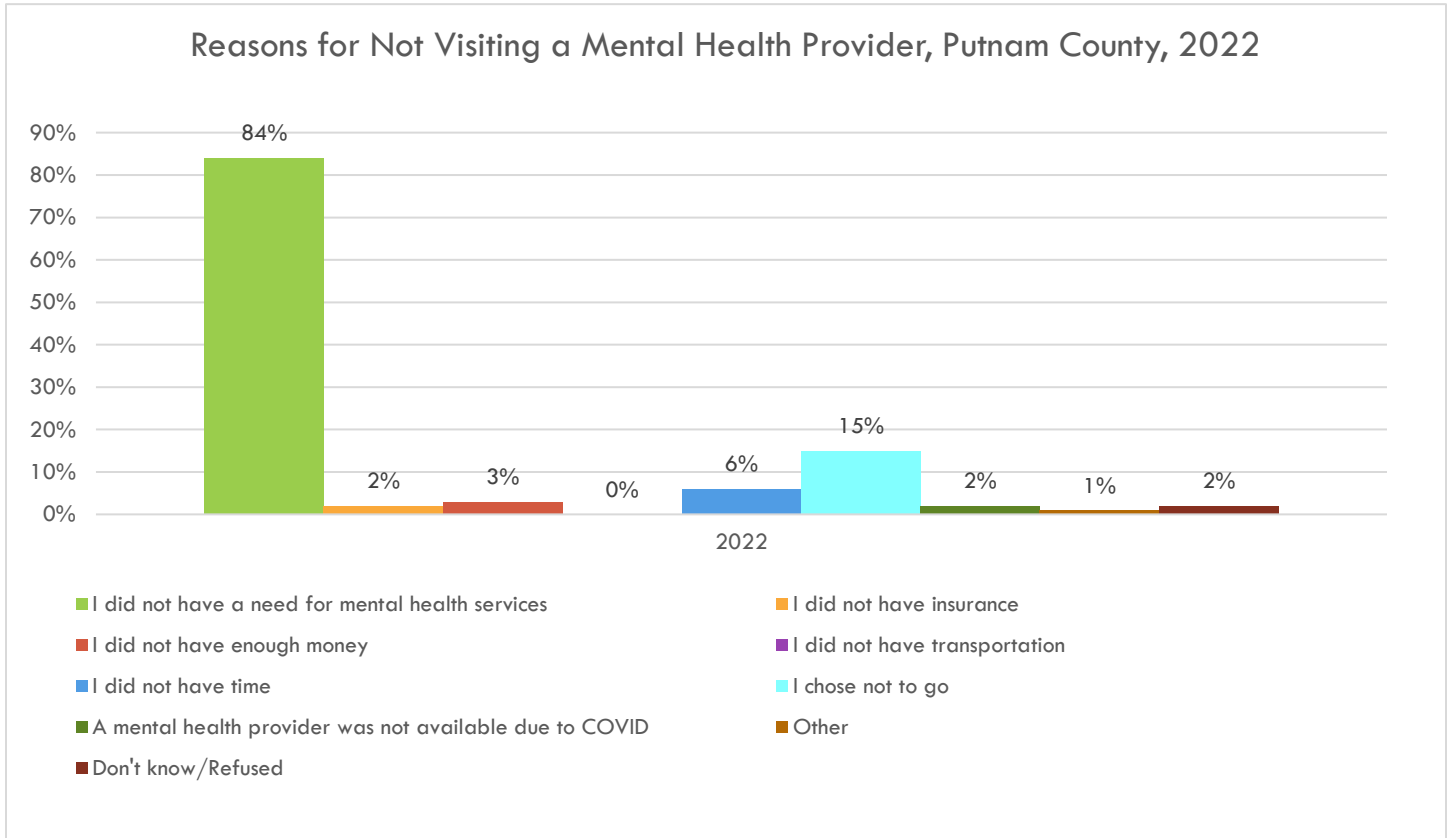


FIGURE 110A

	Dutchess	Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
I did not have a need for mental health services	74%	74%	84%	80%	76%	75%	70%
I did not have insurance	2%	6%	2%	2%	3%	5%	3%
I did not have enough money	5%	5%	3%	3%	4%	6%	5%
I did not have transportation	2%	2%	0%	1%	2%	0%	2%
I did not have time	7%	7%	6%	7%	8%	6%	8%
I chose not to go	16%	18%	15%	18%	18%	14%	16%
A mental health provider was not available due to COVID	3%	3%	2%	3%	4%	4%	3%
Other	2%	1%	1%	1%	3%	4%	3%
Don't know/Refused	3%	4%	2%	3%	3%	3%	5%

FIGURE 111A

Reasons for Not Visiting a Mental Health Provider by Income, Putnam County, 2022					
	<\$25K	\$25K-\$50K	\$50K-\$100K	\$100K-\$150K	\$150K+
■ I did not have a need for mental health services	72%	87%	81%	78%	85%
■ I did not have insurance	8%	6%	3%	1%	0%
■ I did not have enough money	6%	8%	3%	2%	2%
■ I did not have transportation	0%	3%	0%	0%	0%
■ I did not have time	5%	5%	7%	11%	4%
■ I chose not to go	11%	17%	11%	18%	16%
■ A mental health provider was not available due to COVID	0%	2%	5%	1%	3%
■ Other	6%	2%	1%	0%	1%
■ Don't know/Refused	9%	0%	0%	3%	1%

Survey Question 38: During COVID, have you had a tele-health appointment with any healthcare provider?

FIGURE 112A

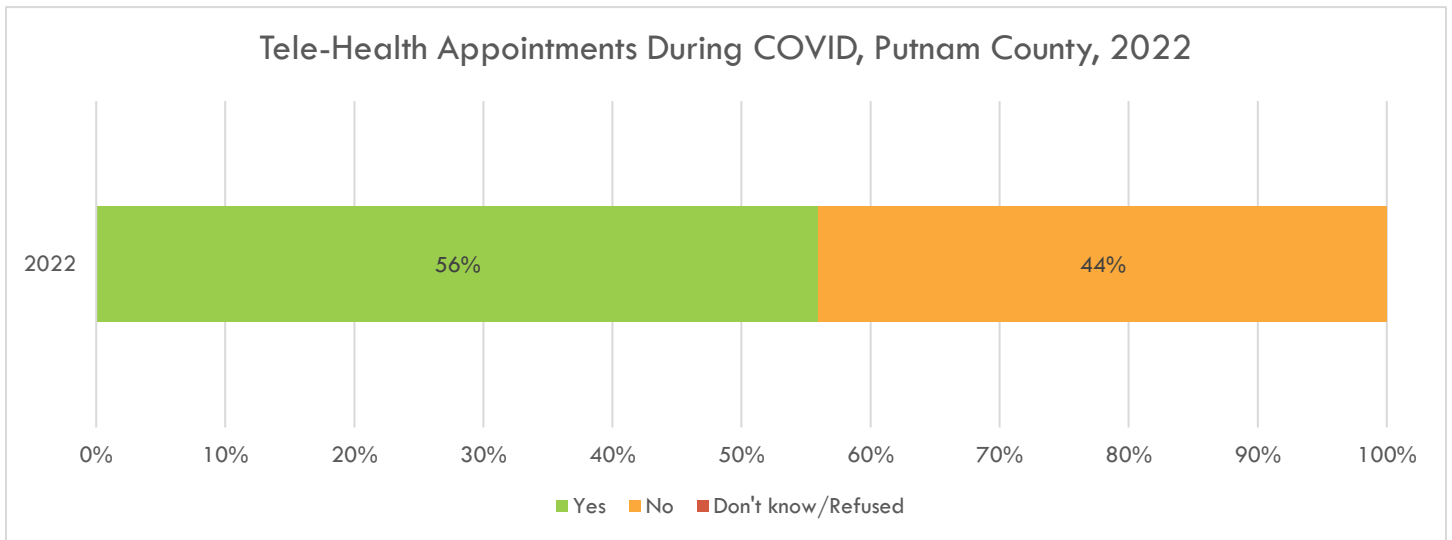


FIGURE 113A

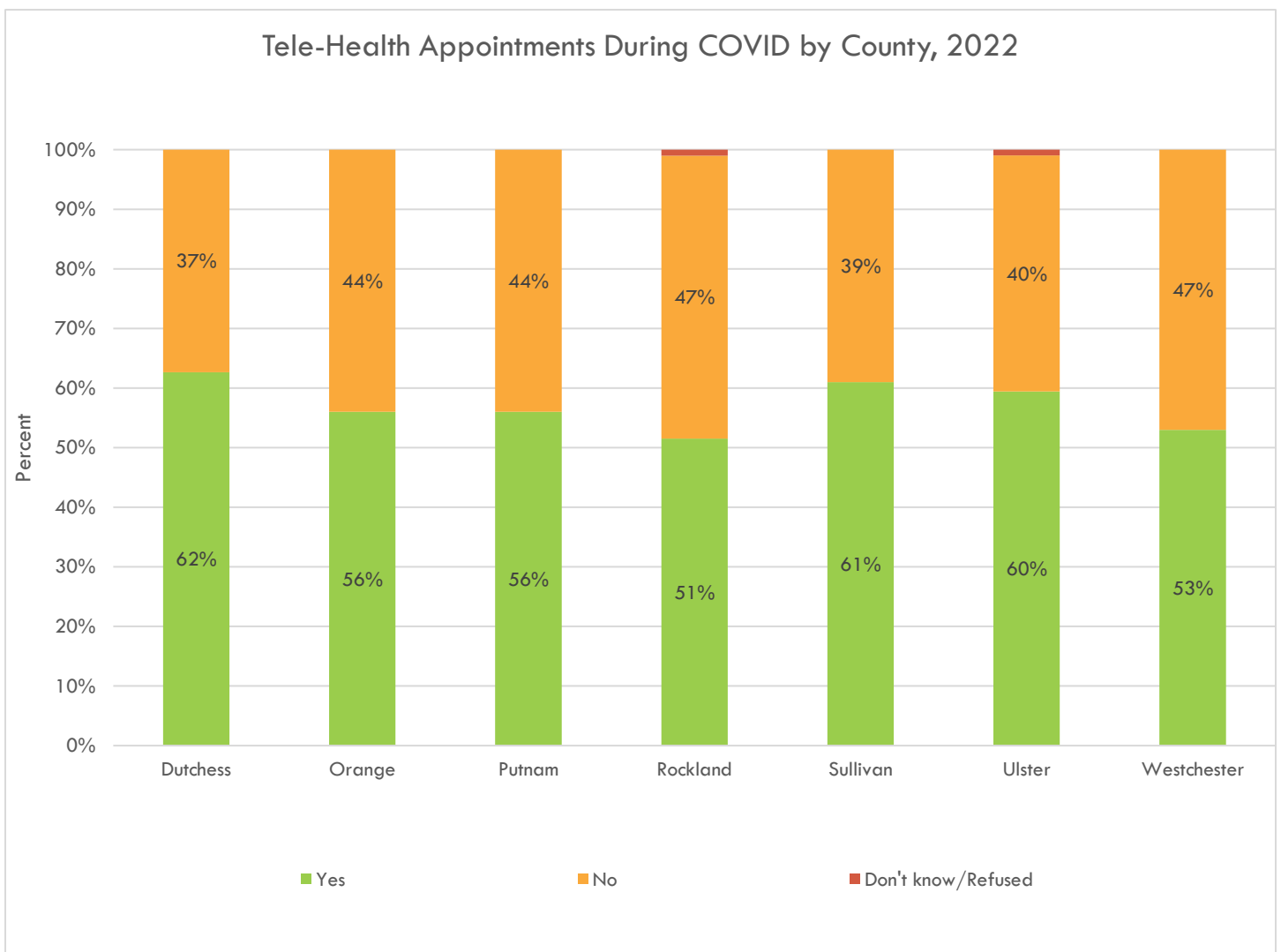
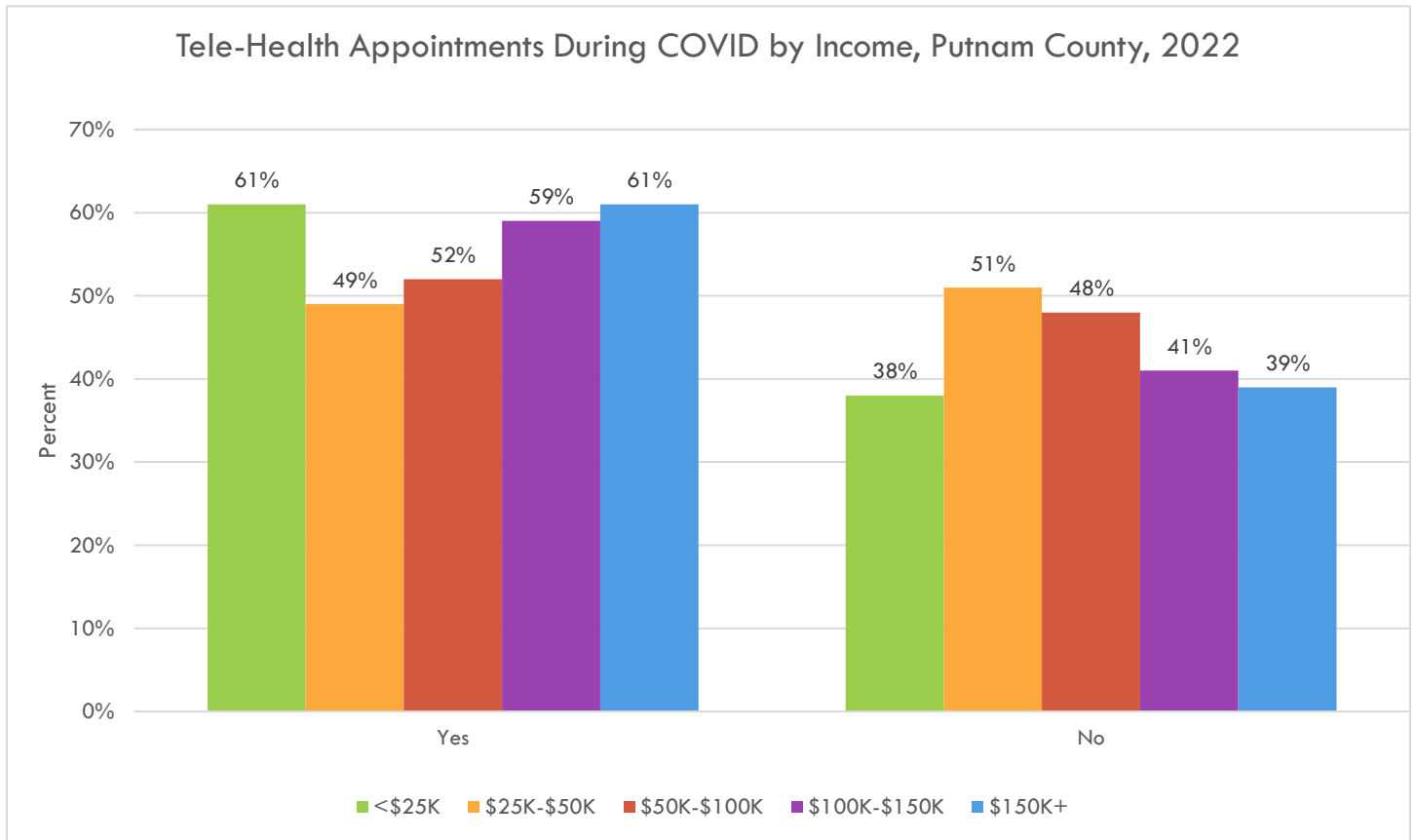


FIGURE 1 1 4A



Survey Question 39: (If did not have a tele-health appointment during COVID) Which of the following were reasons that you did not have a tele-health appointment?

FIGURE 115A

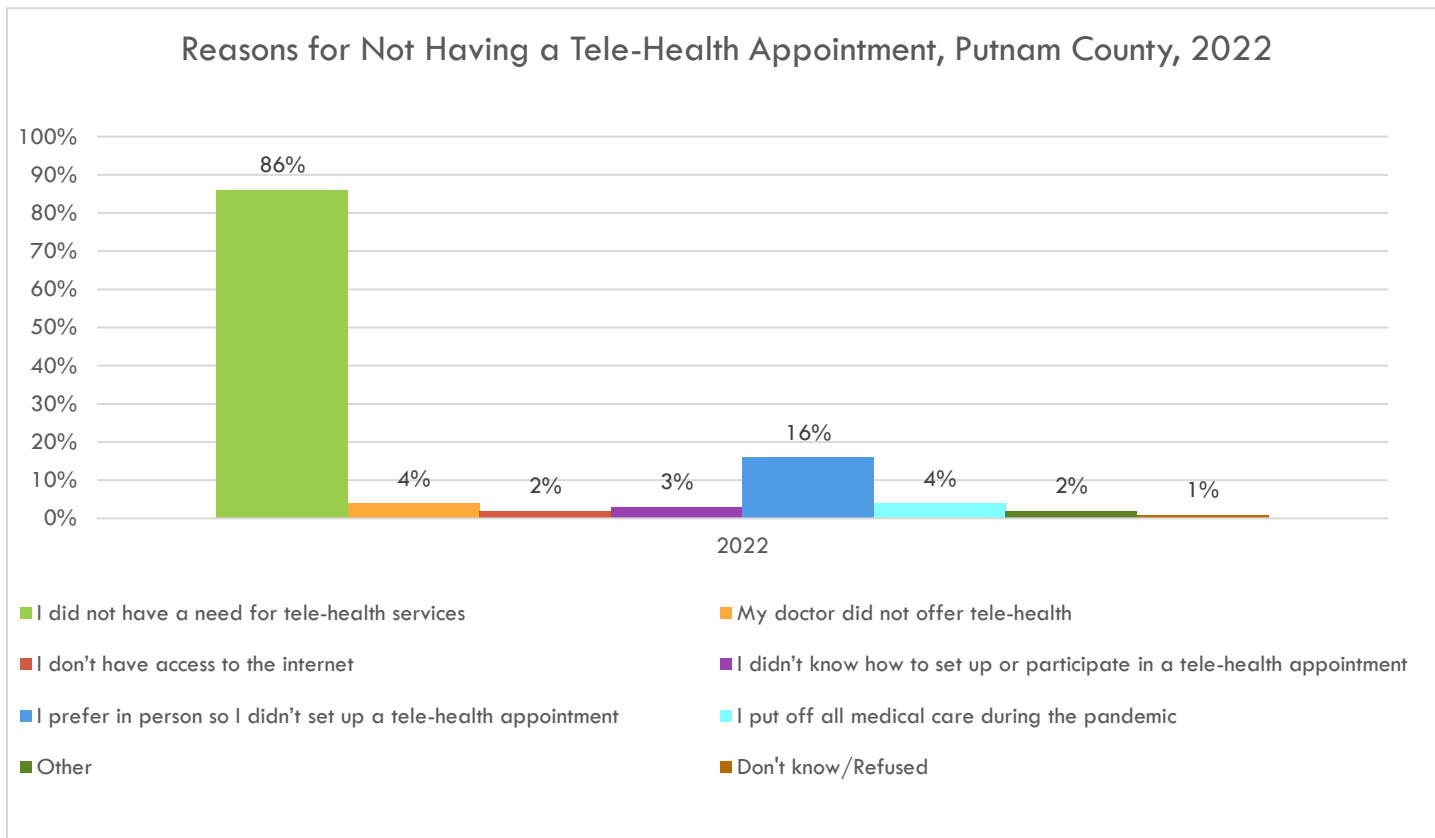


FIGURE 116A

	Dutchess	Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
I did not have a need for tele-health services	75%	77%	86%	80%	79%	73%	73%
My doctor did not offer tele-health	1%	6%	4%	3%	4%	3%	7%
I don't have access to the internet	3%	4%	2%	3%	5%	2%	1%
I didn't know how to set up or participate in a tele-health appointment	4%	6%	3%	6%	5%	4%	6%
I prefer in person so I didn't set up a tele-health appointment	19%	19%	16%	23%	19%	24%	16%
I put off all medical care during the pandemic	2%	3%	4%	4%	5%	4%	8%
Other	1%	2%	2%	1%	1%	2%	2%
Don't know/Refused	7%	5%	1%	2%	5%	5%	4%

FIGURE 117A

Reasons for Not Having a Tele-Health Appointment by Income, Putnam County, 2022					
	<\$25K	\$25K-\$50K	\$50K-\$100K	\$100K-\$150K	\$150K+
■ I did not have a need for tele-health services	71%	84%	79%	95%	88%
■ My doctor did not offer tele-health	0%	2%	9%	1%	4%
■ I don't have access to the internet	3%	5%	2%	0%	0%
■ I didn't know how to set up or participate in a tele-health appointment	12%	2%	3%	0%	3%
■ I prefer in person so I didn't set up a tele-health appointment	16%	12%	24%	8%	16%
■ I put off all medical care during the pandemic	2%	7%	3%	1%	1%
■ Other	4%	0%	5%	0%	0%
■ Don't know/Refused	10%	0%	0%	0%	0%

COVID-19 PANDEMIC IMPACT

Survey Question 40: Have you ever had COVID?

FIGURE 118A

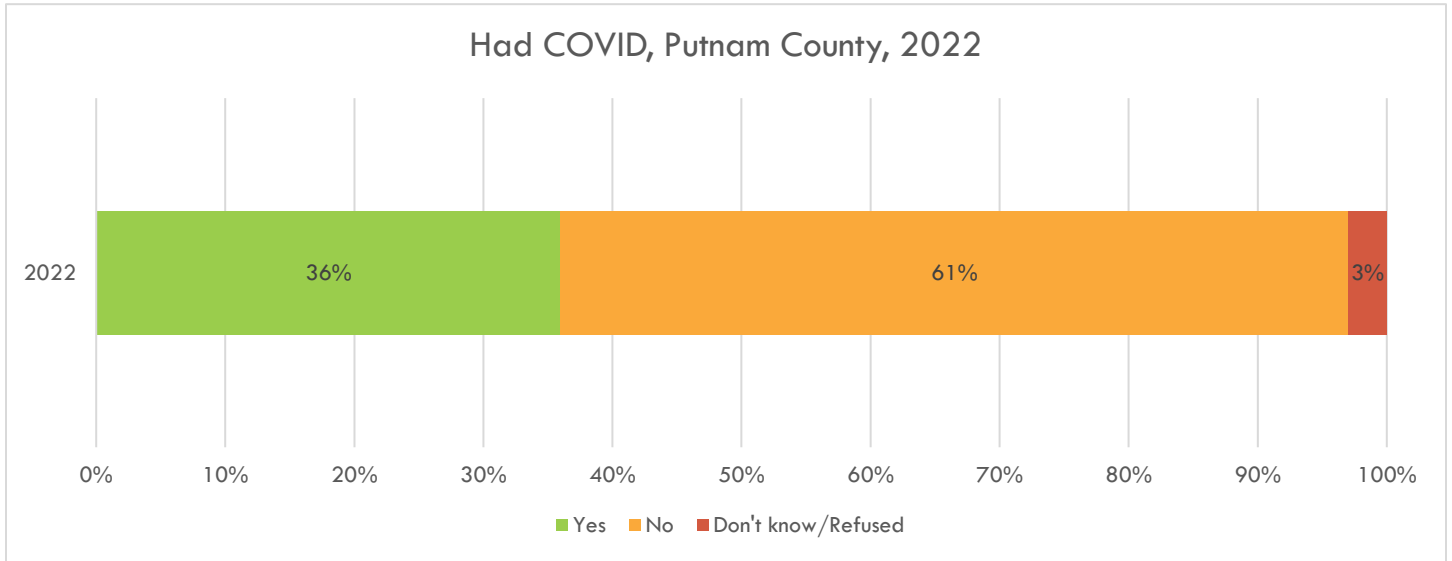


FIGURE 119A

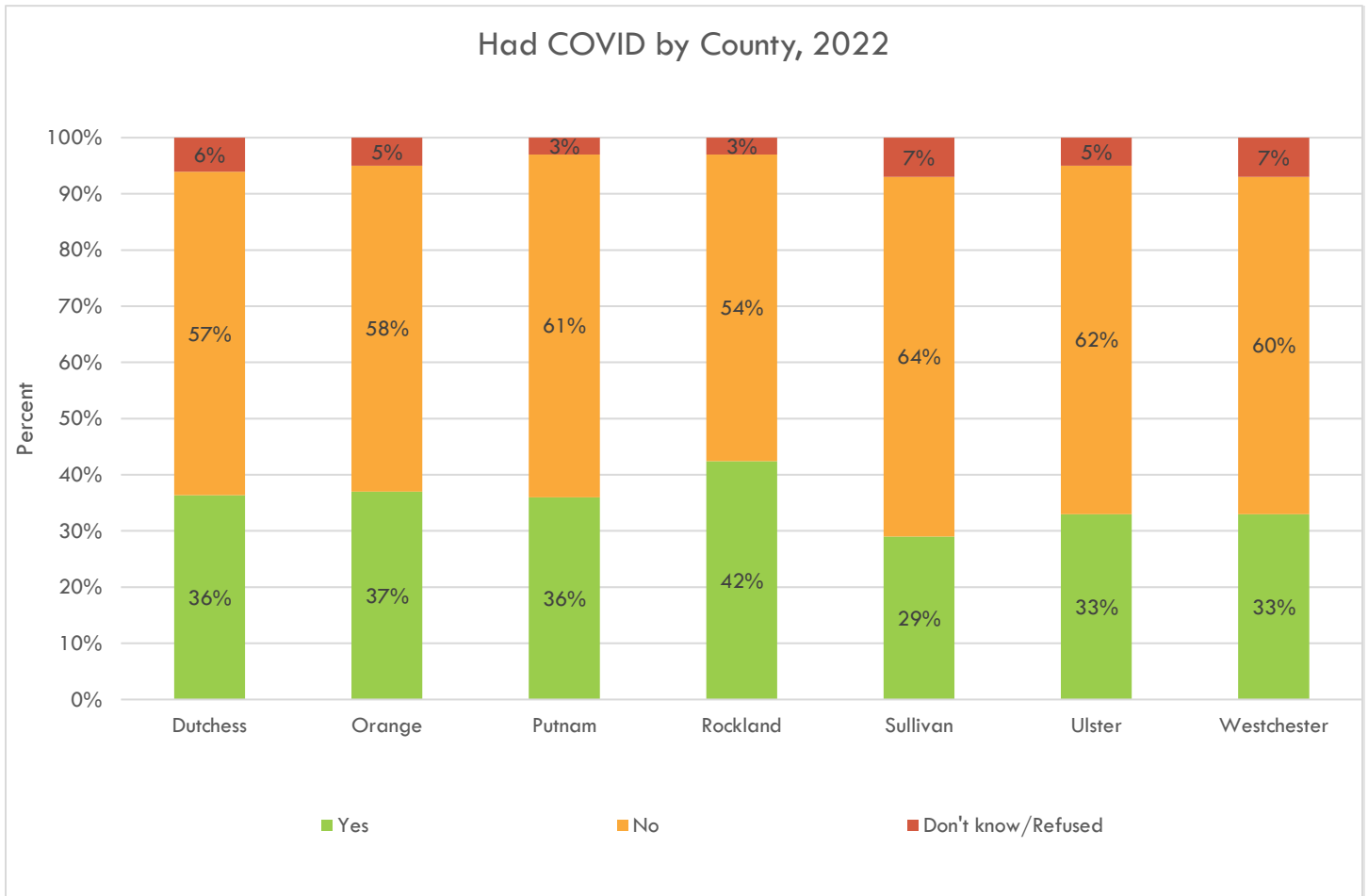
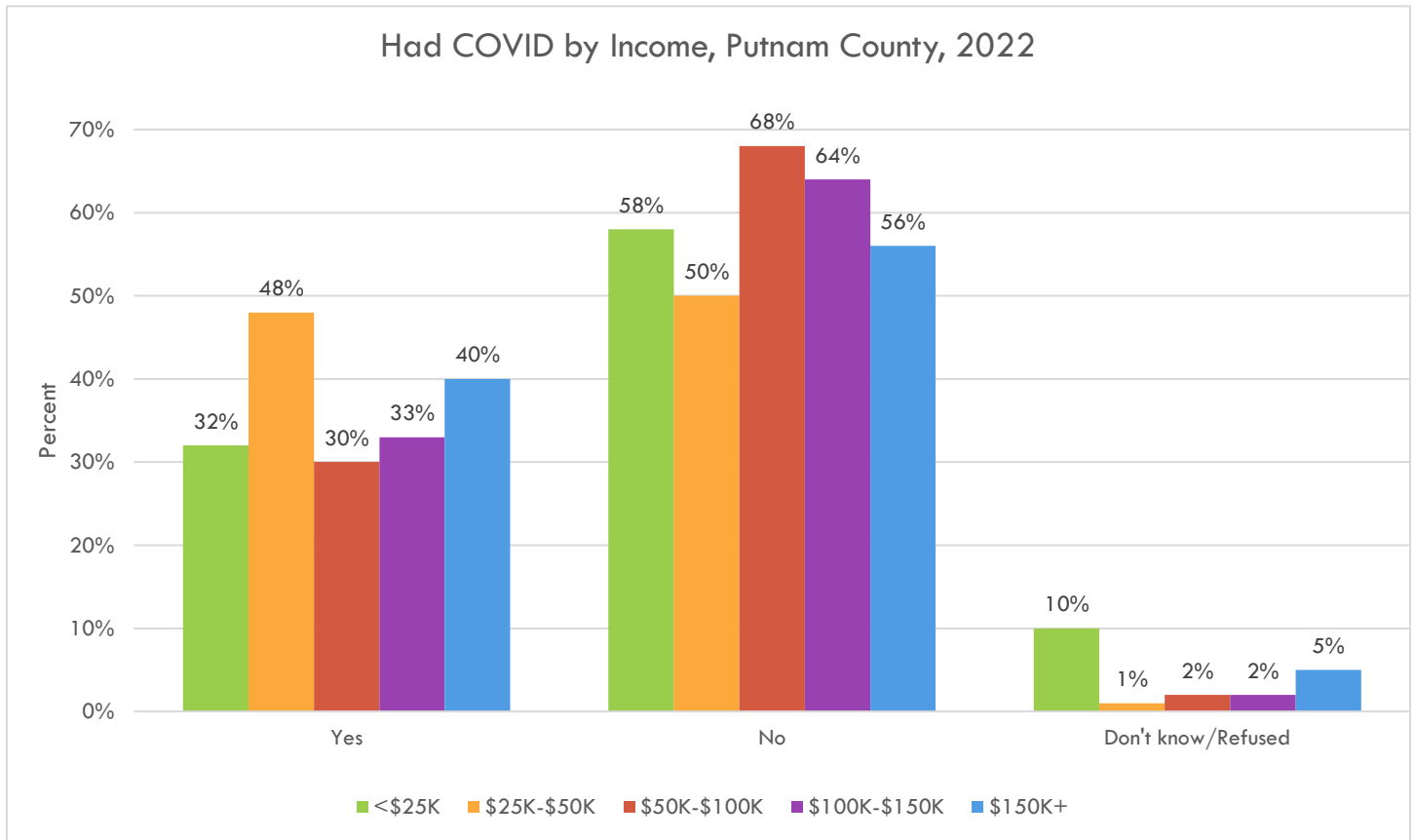


FIGURE 120A



Survey Question 41: *And what about the other members of your household, has any other member of your household had COVID?*

FIGURE 121A

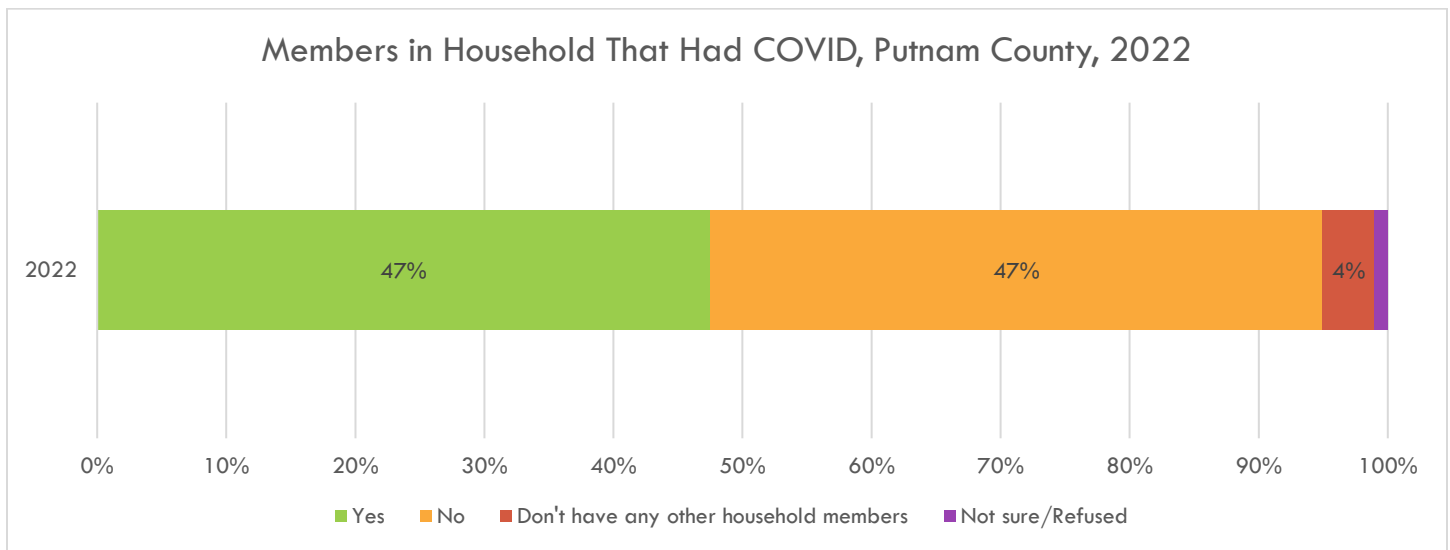


FIGURE 122A

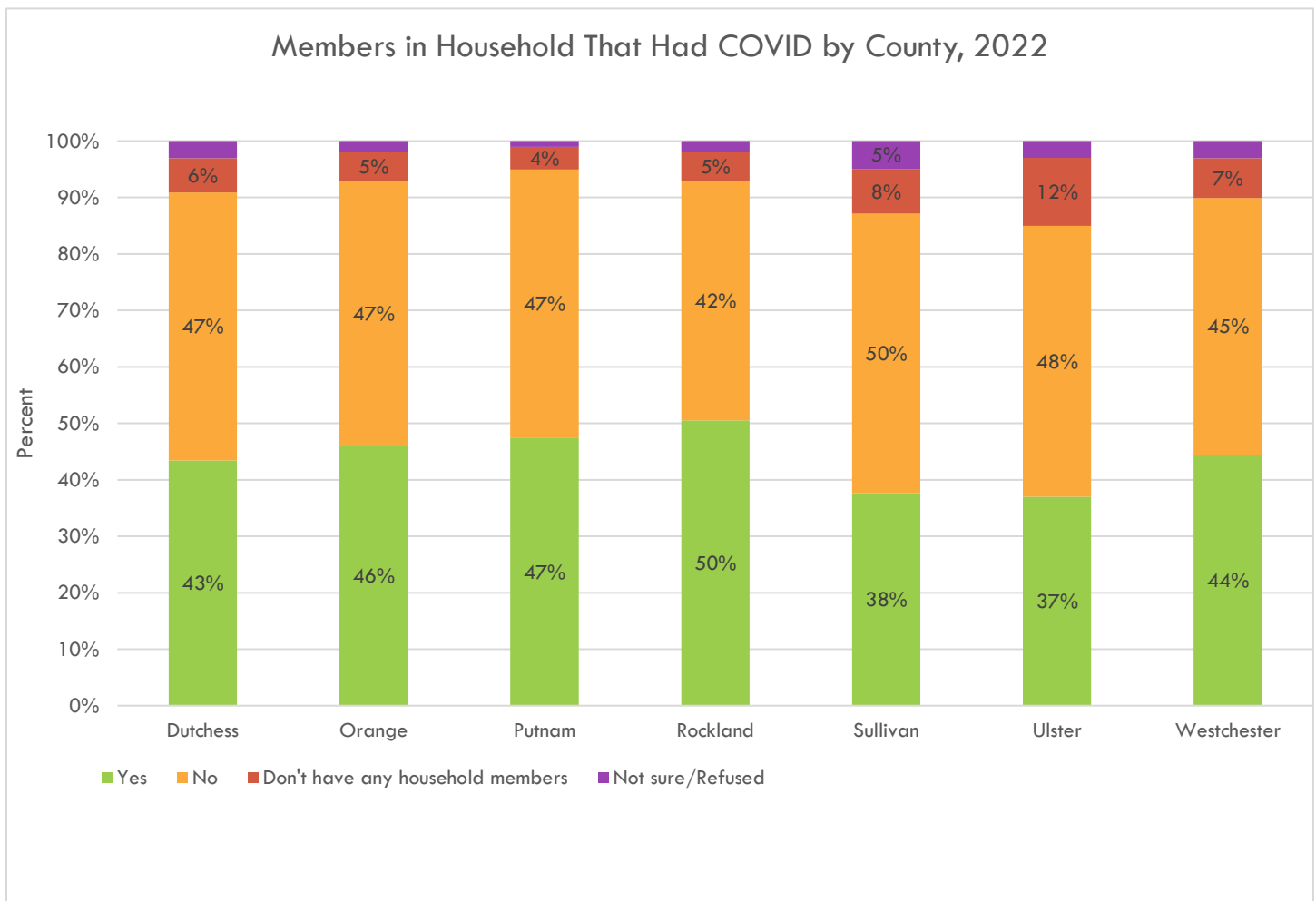
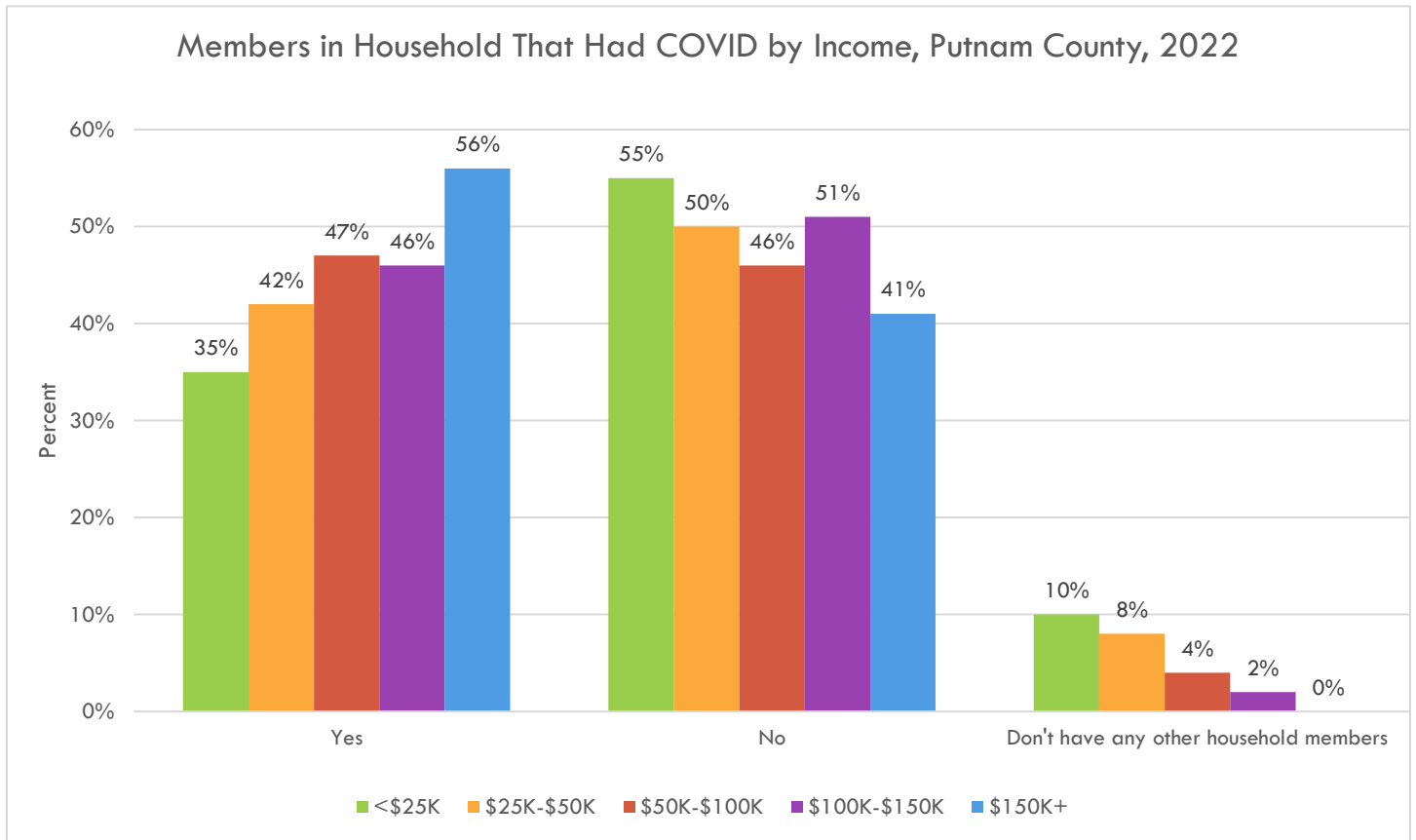
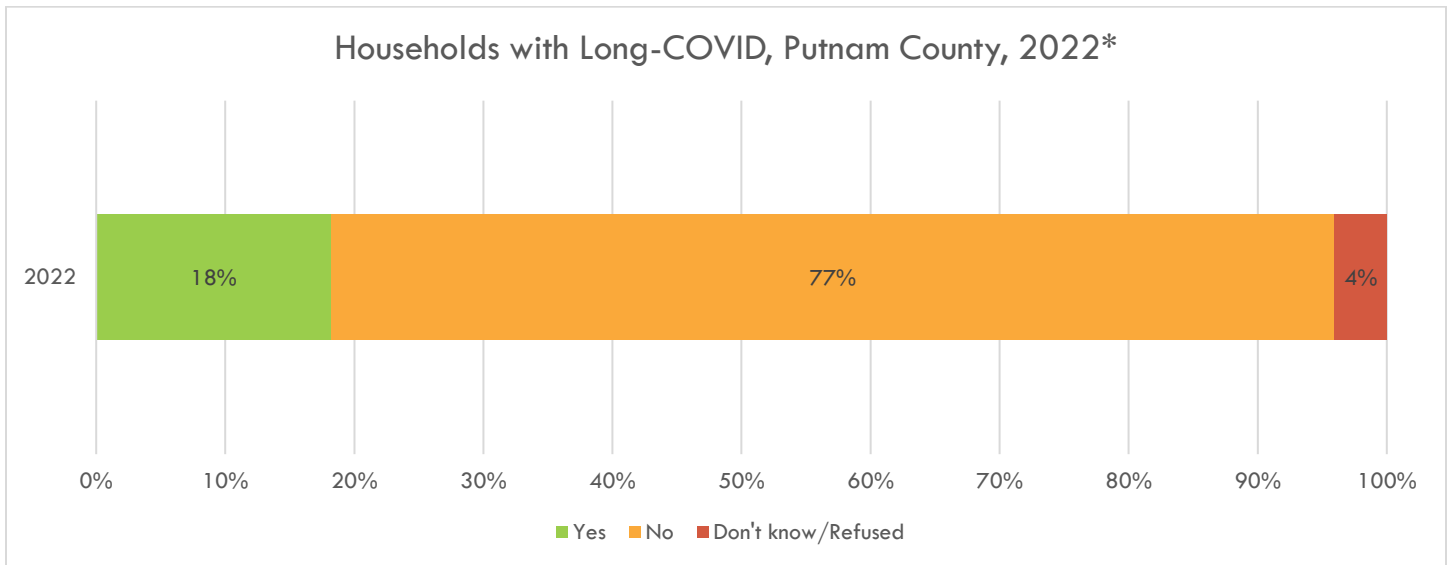


FIGURE 123A



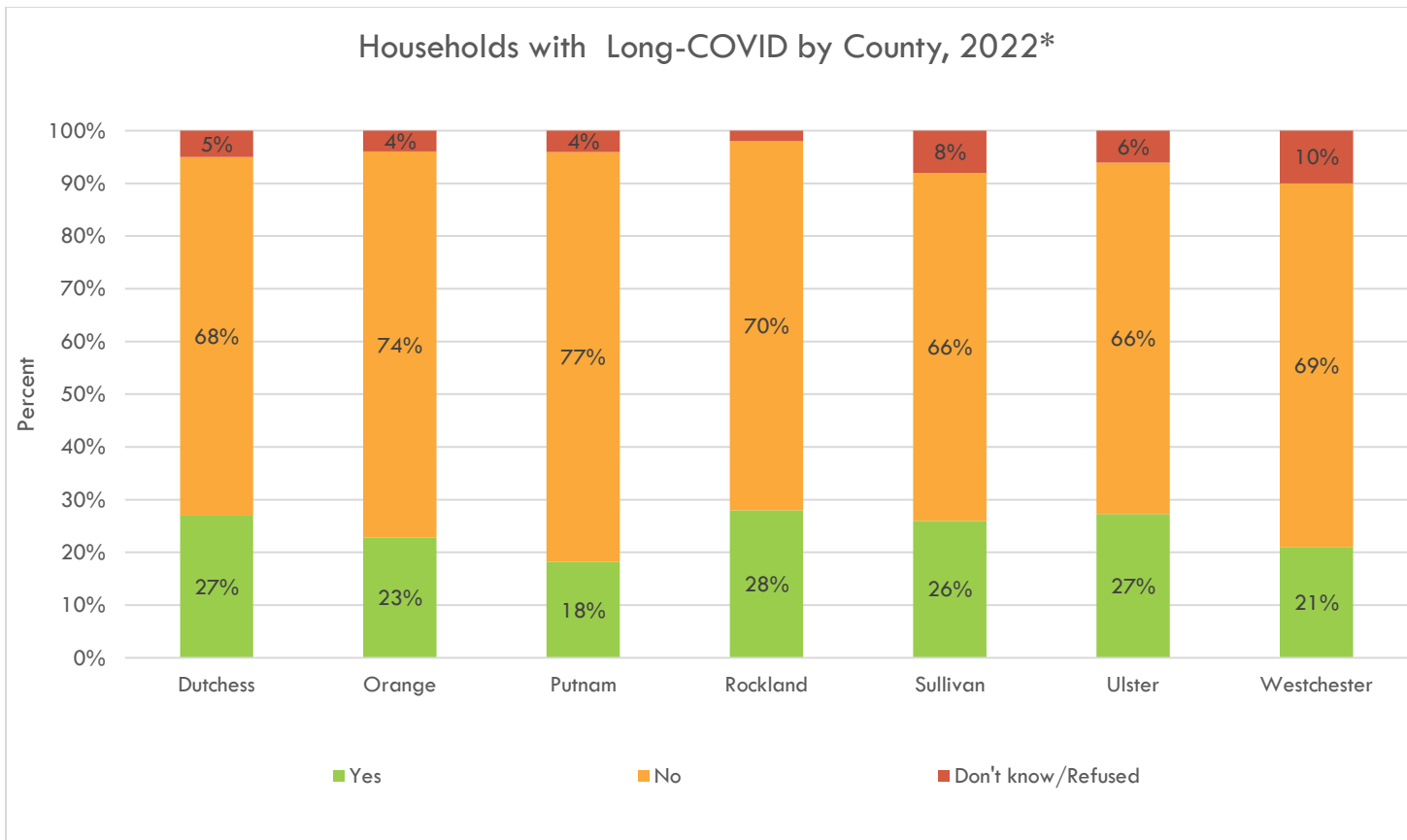
Survey Question 42: (If had COVID or COVID in Household) Have you or any other household member had ongoing COVID symptoms that have lasted more than four weeks - otherwise known as long-COVID?

FIGURE 124A



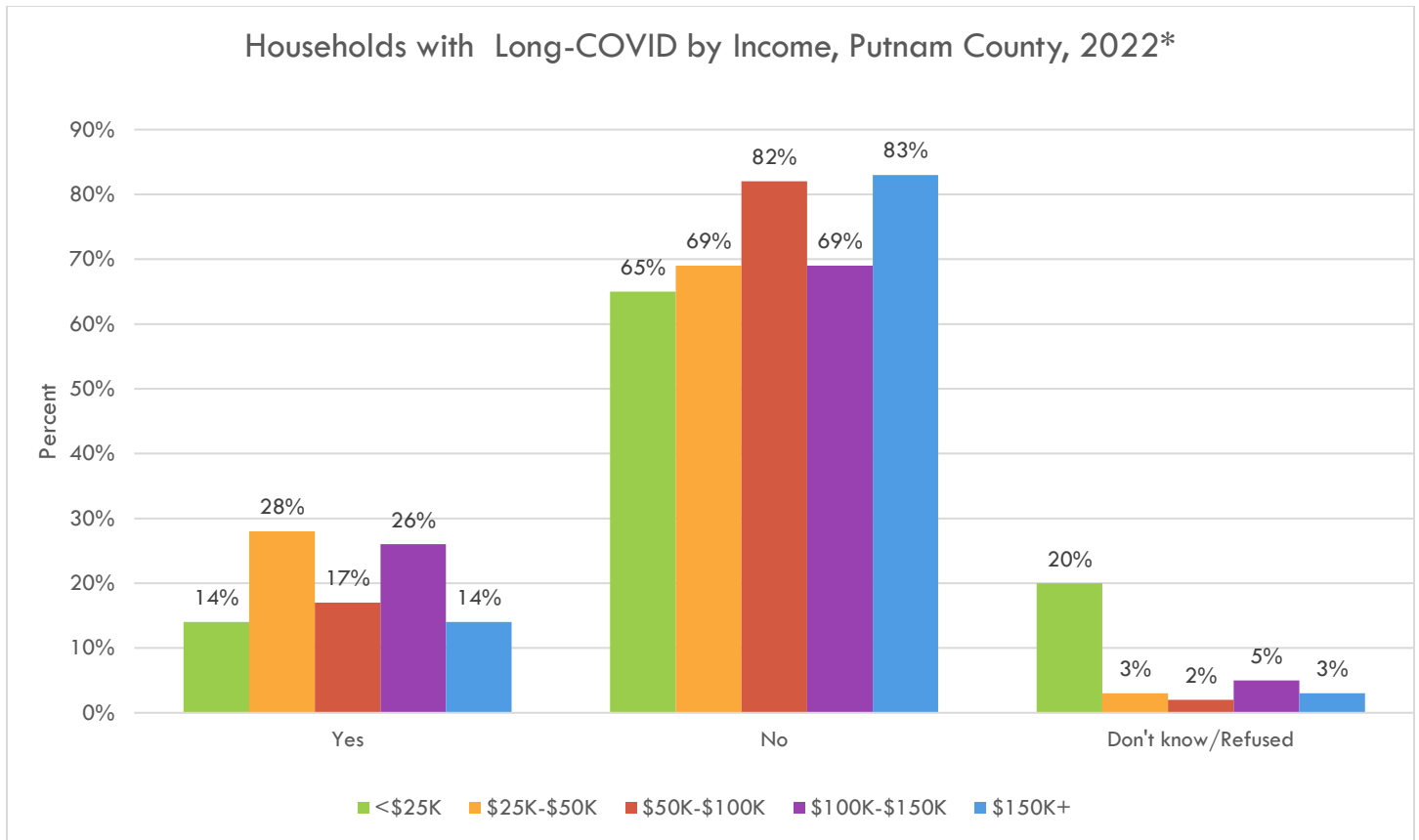
*Chart depicts proportion amongst respondents who reported having had COVID or a household member having had COVID, as per questions 40 & 41.

FIGURE 125A



*Chart depicts proportion amongst respondents who reported having had COVID or a household member having had COVID, as per questions 40 & 41.

FIGURE 1 26A



*Chart depicts proportion amongst respondents who reported having had COVID or a household member having had COVID, as per questions 40 & 41.

Survey Question 43: Consider the impact of COVID on each of the following and indicate whether it has improved over the course of the pandemic, worsened or stayed the same? **Your physical health**

FIGURE 127A

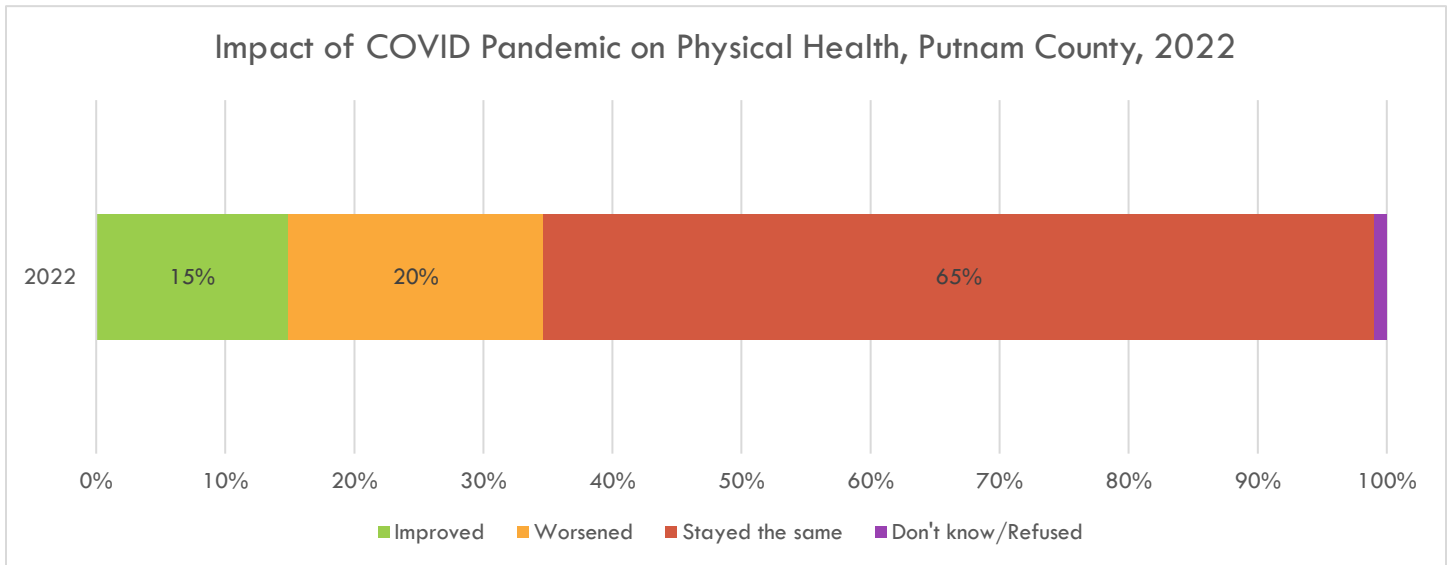


FIGURE 128A

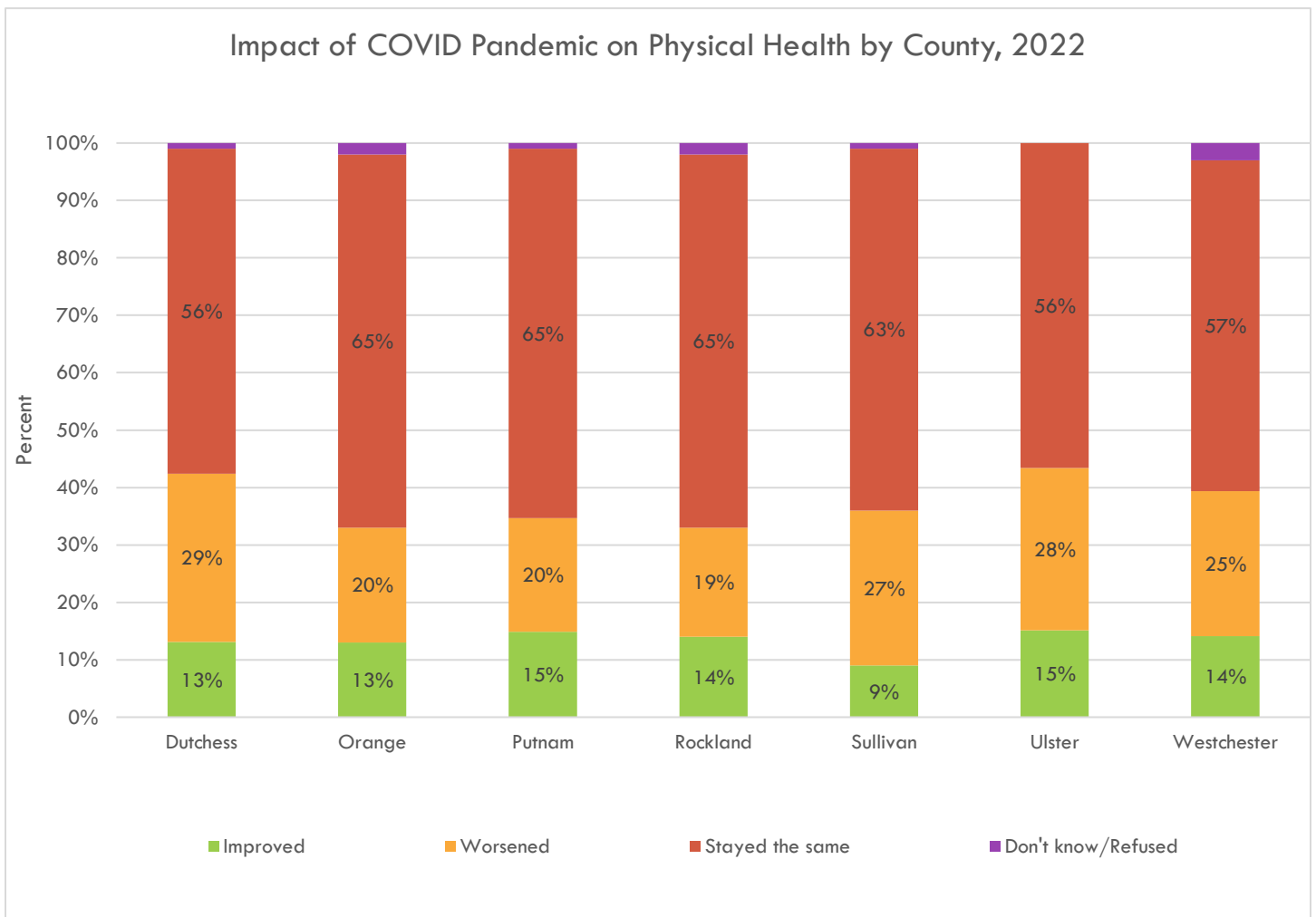
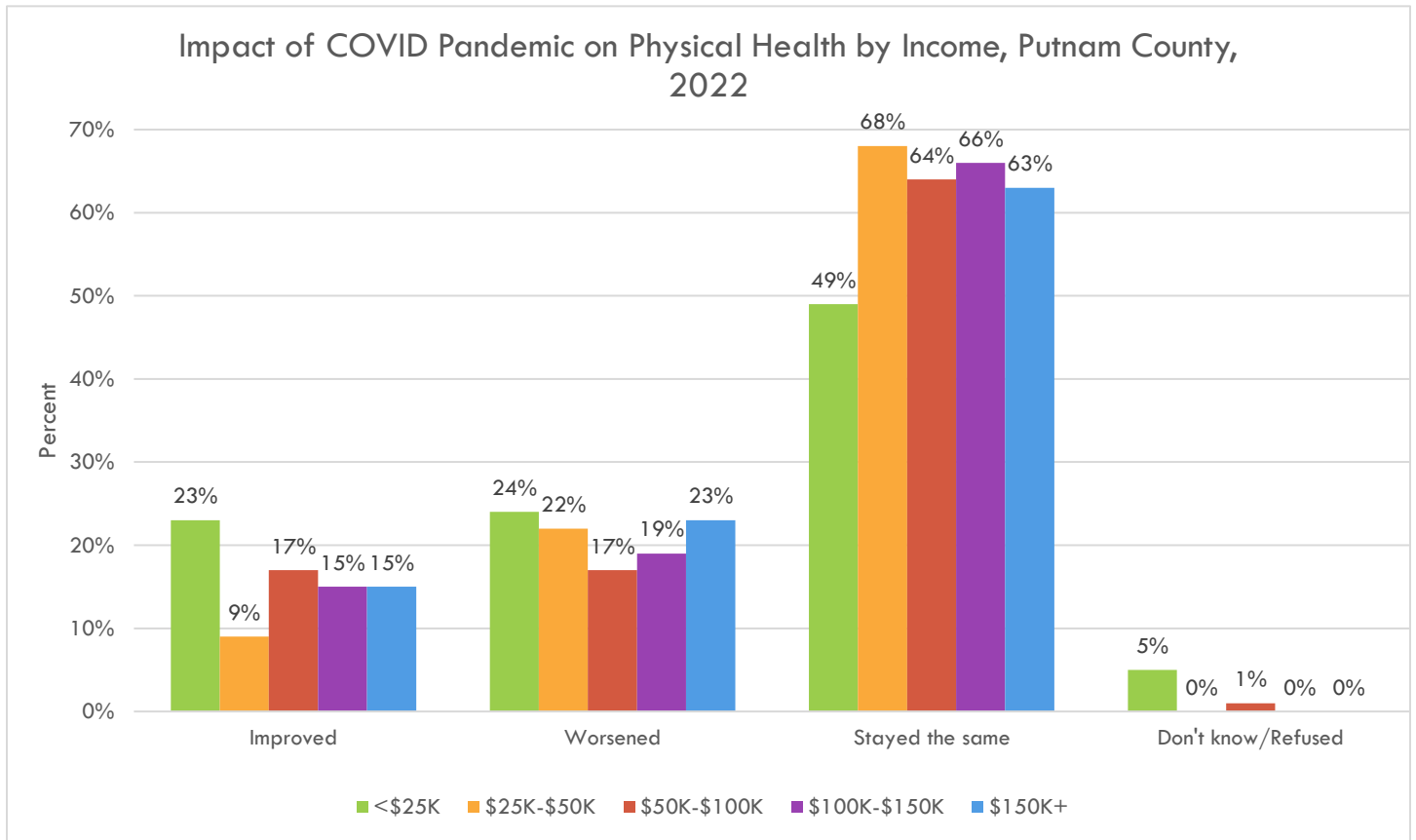


FIGURE 129A



Survey Question 44: Consider the impact of COVID on each of the following and indicate whether it has improved over the course of the pandemic, worsened or stayed the same? **Your mental health**

FIGURE 130A

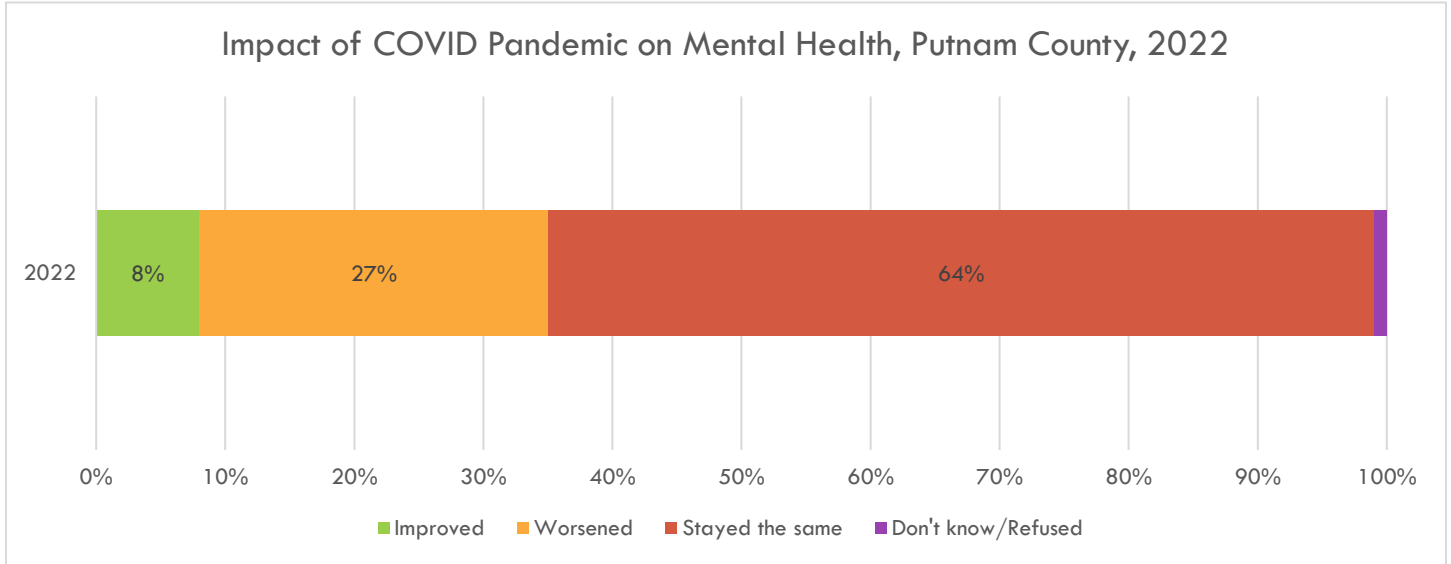


FIGURE 131A

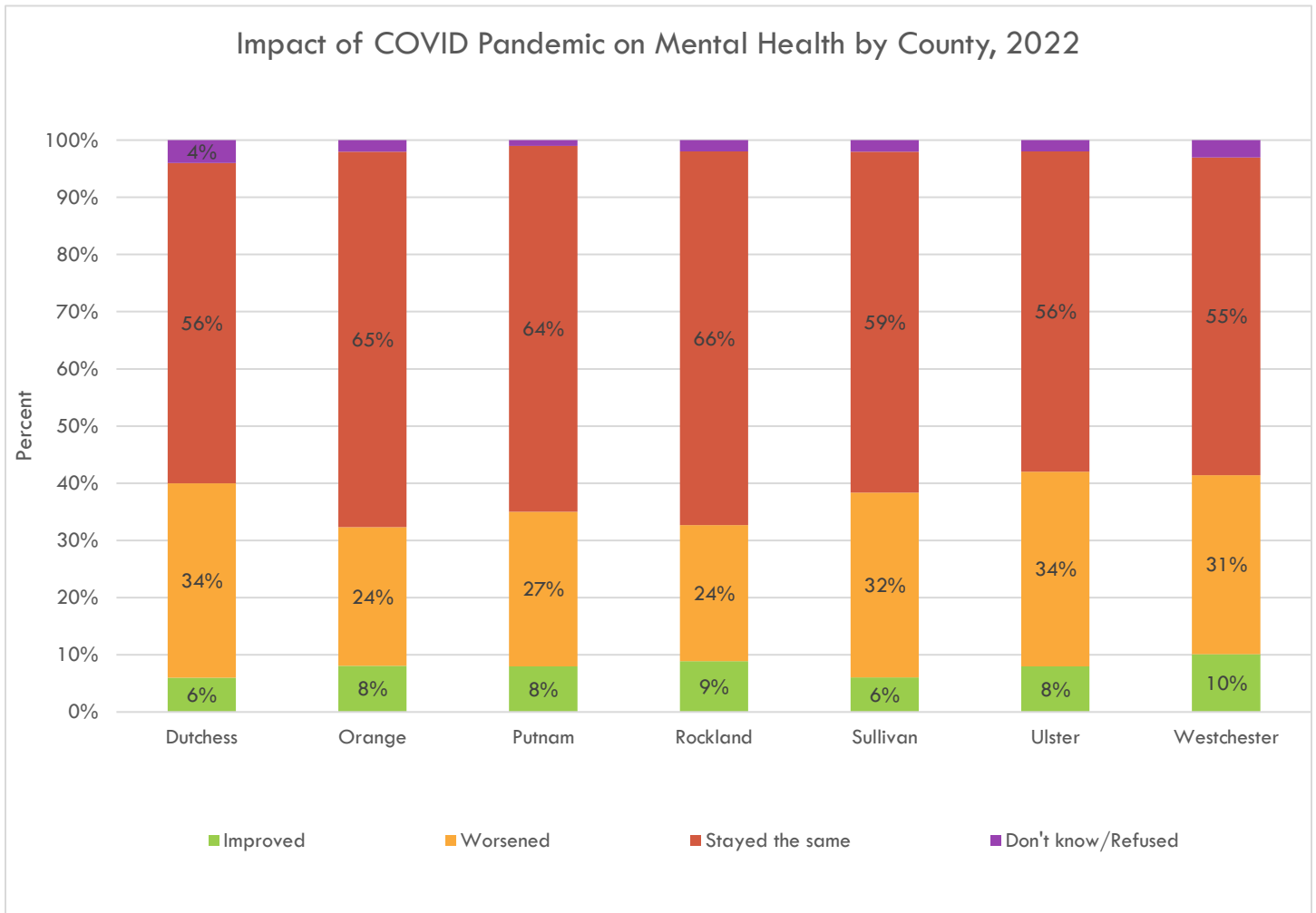
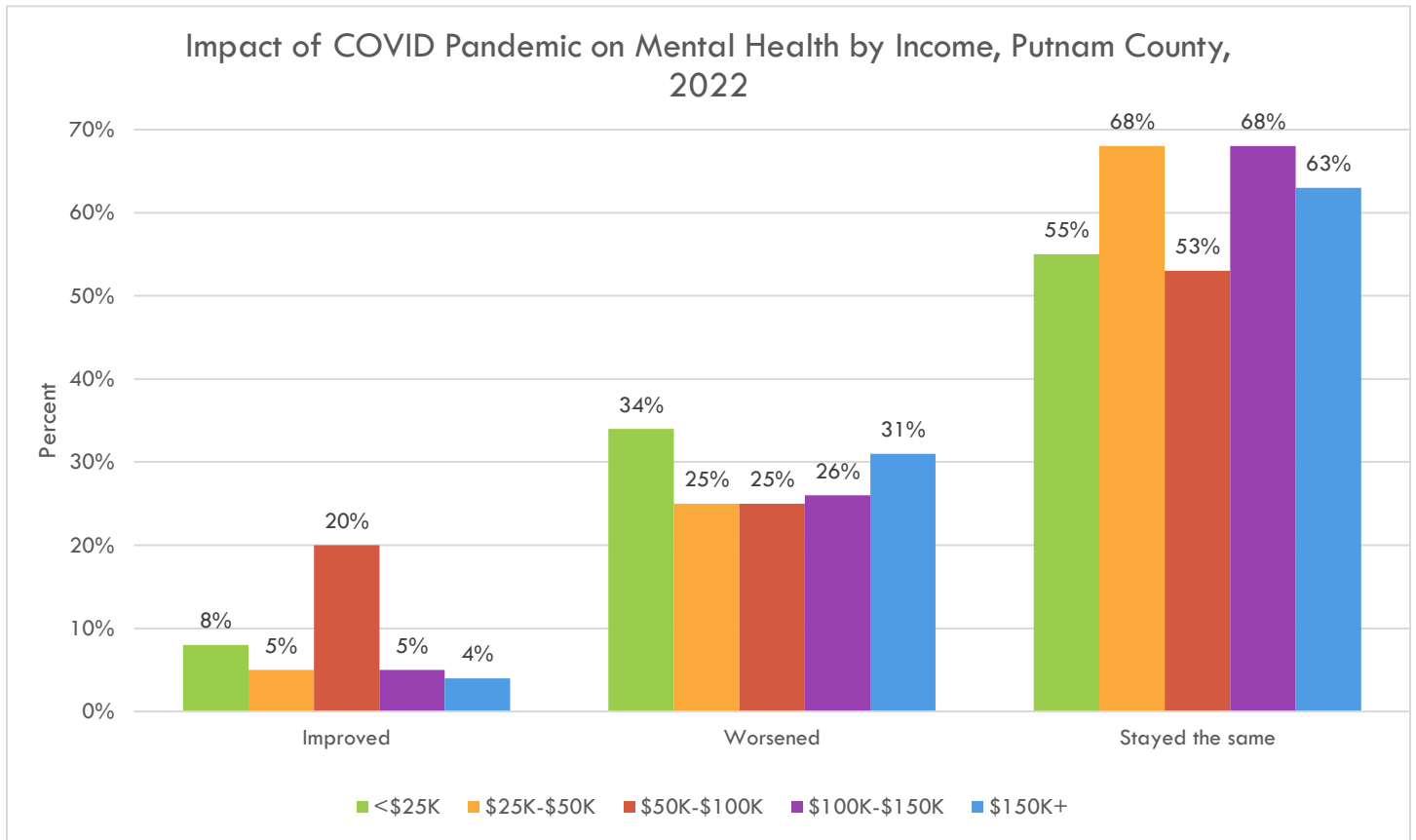


FIGURE 132A



Survey Question 45: Consider the impact of COVID on each of the following and indicate whether it has improved over the course of the pandemic, worsened or stayed the same? **Your ability to obtain affordable food that is nutritious**

FIGURE 133A

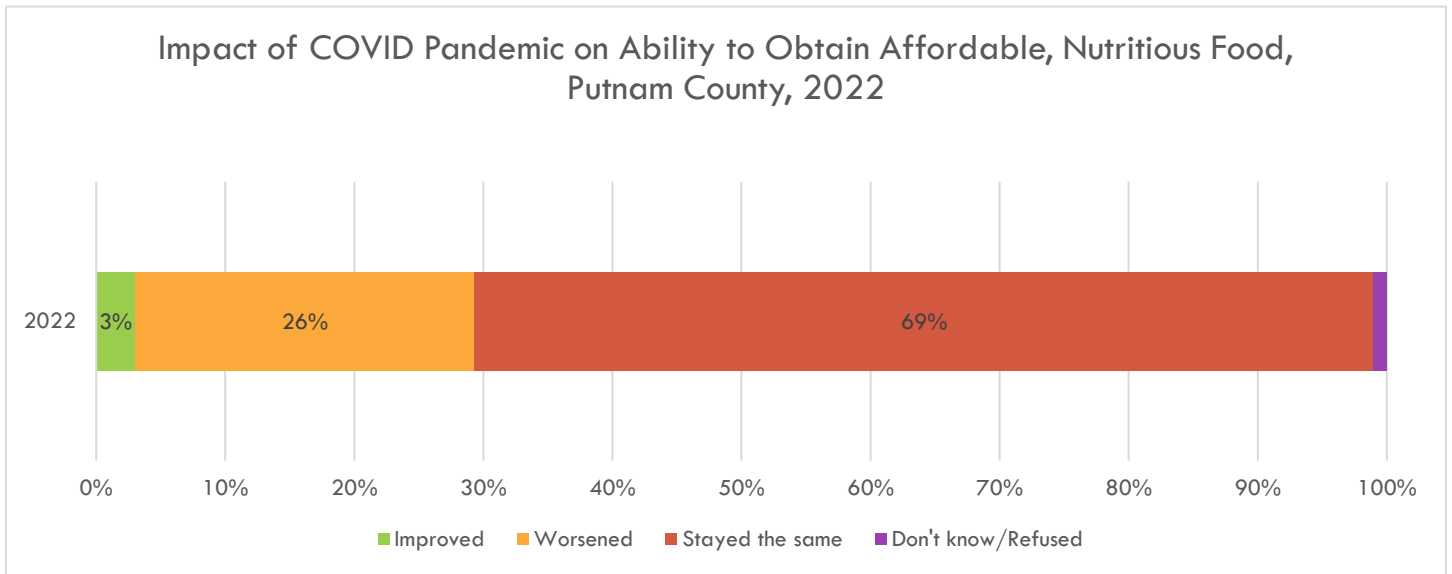


FIGURE 134A

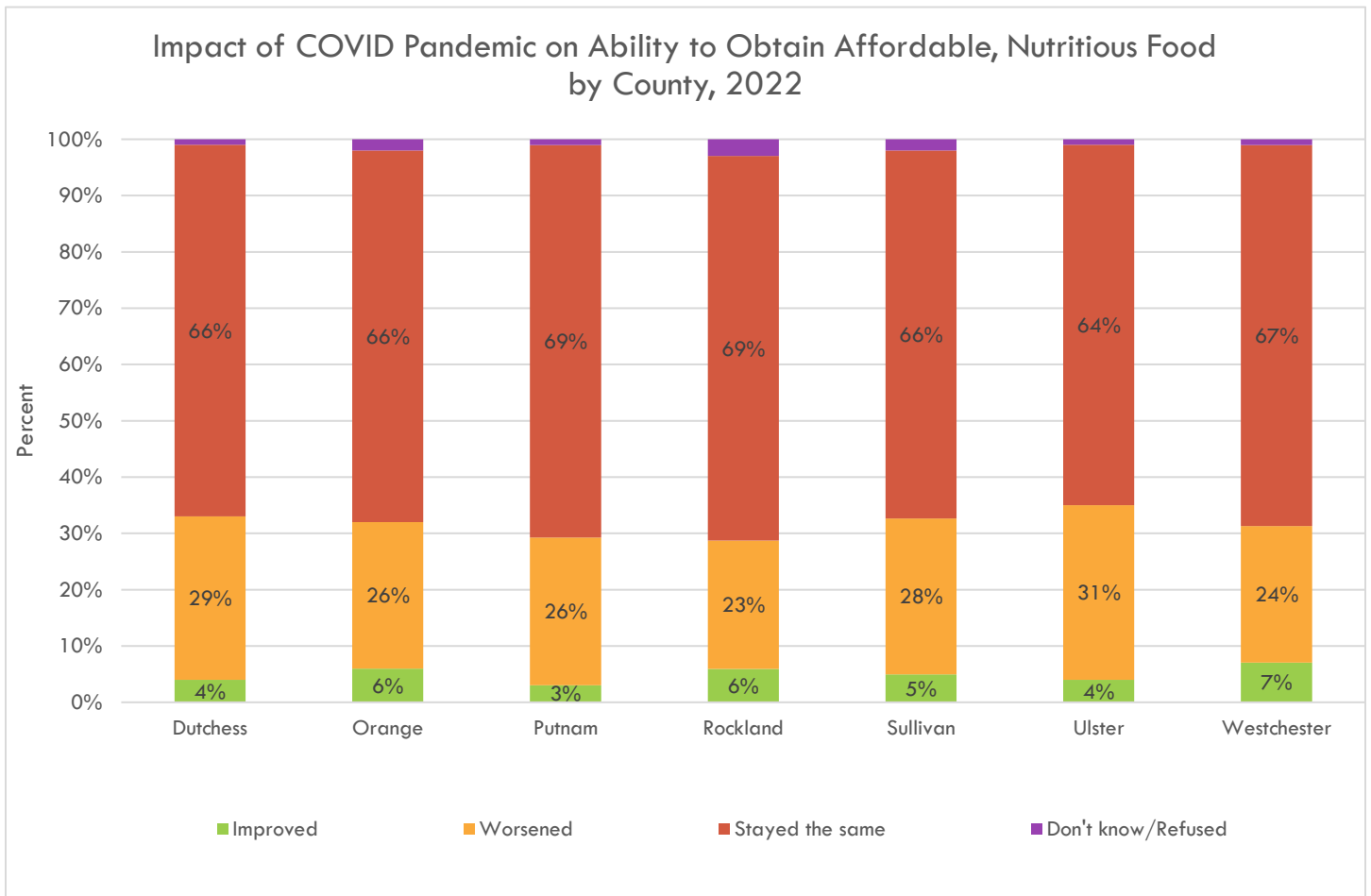
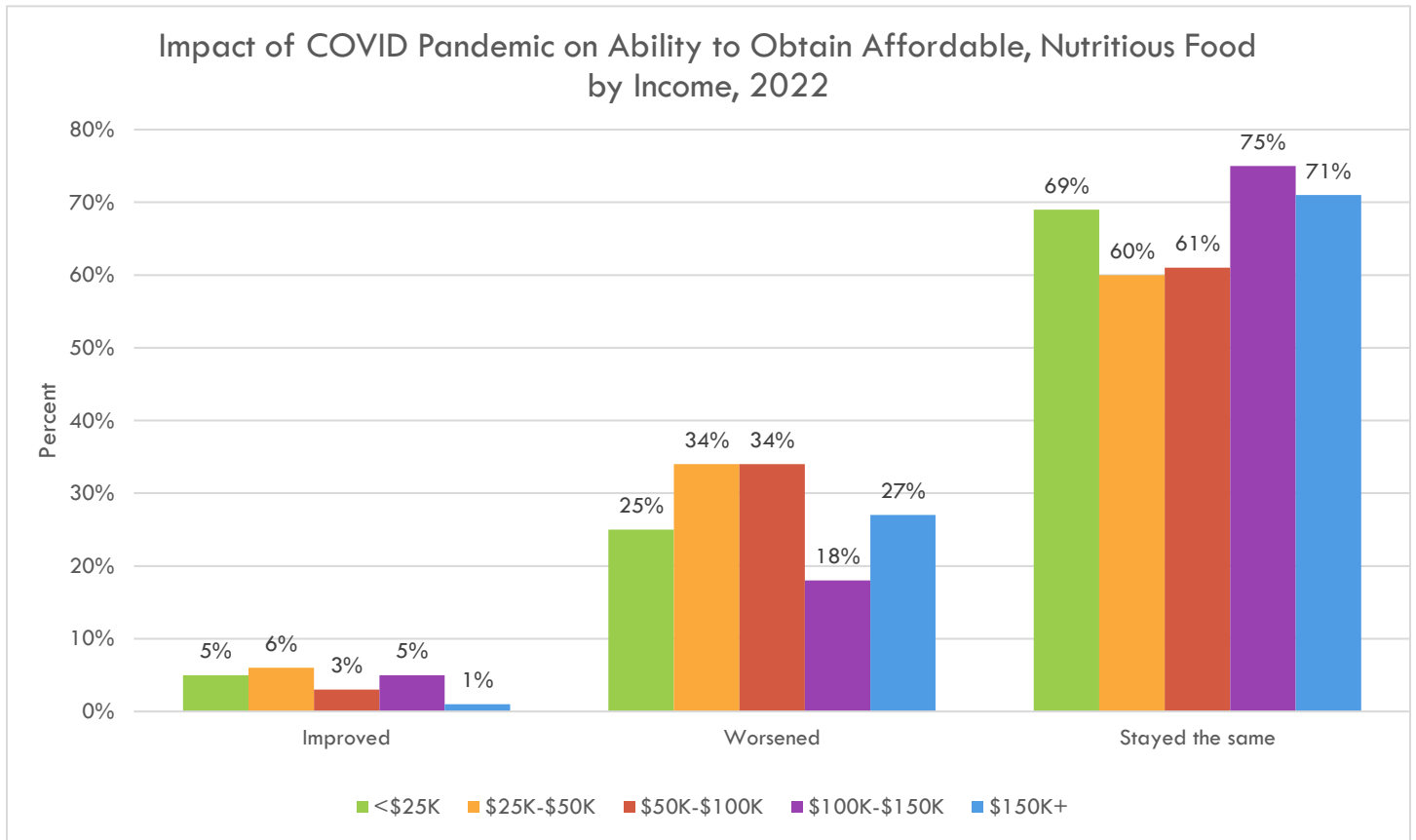


FIGURE 135A



Survey Question 46: Consider the impact of COVID on each of the following and indicate whether it has improved over the course of the pandemic, worsened or stayed the same? **Your ability to maintain employment that pays at least a living wage**

FIGURE 136A

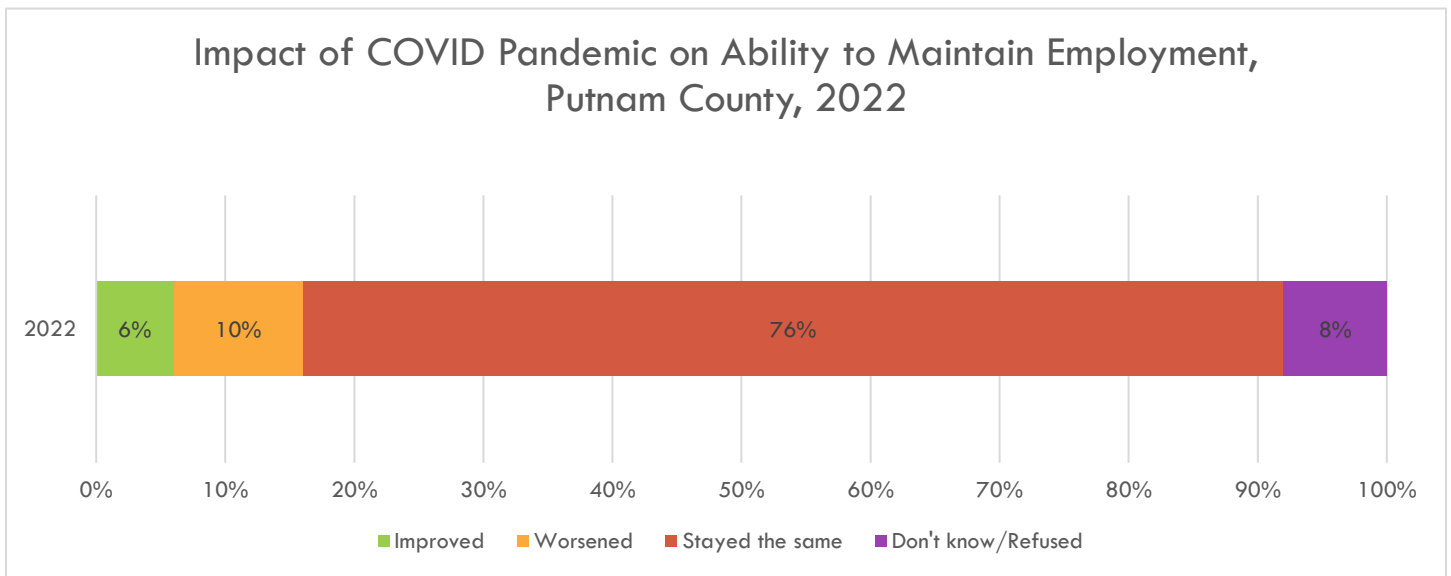


FIGURE 137A

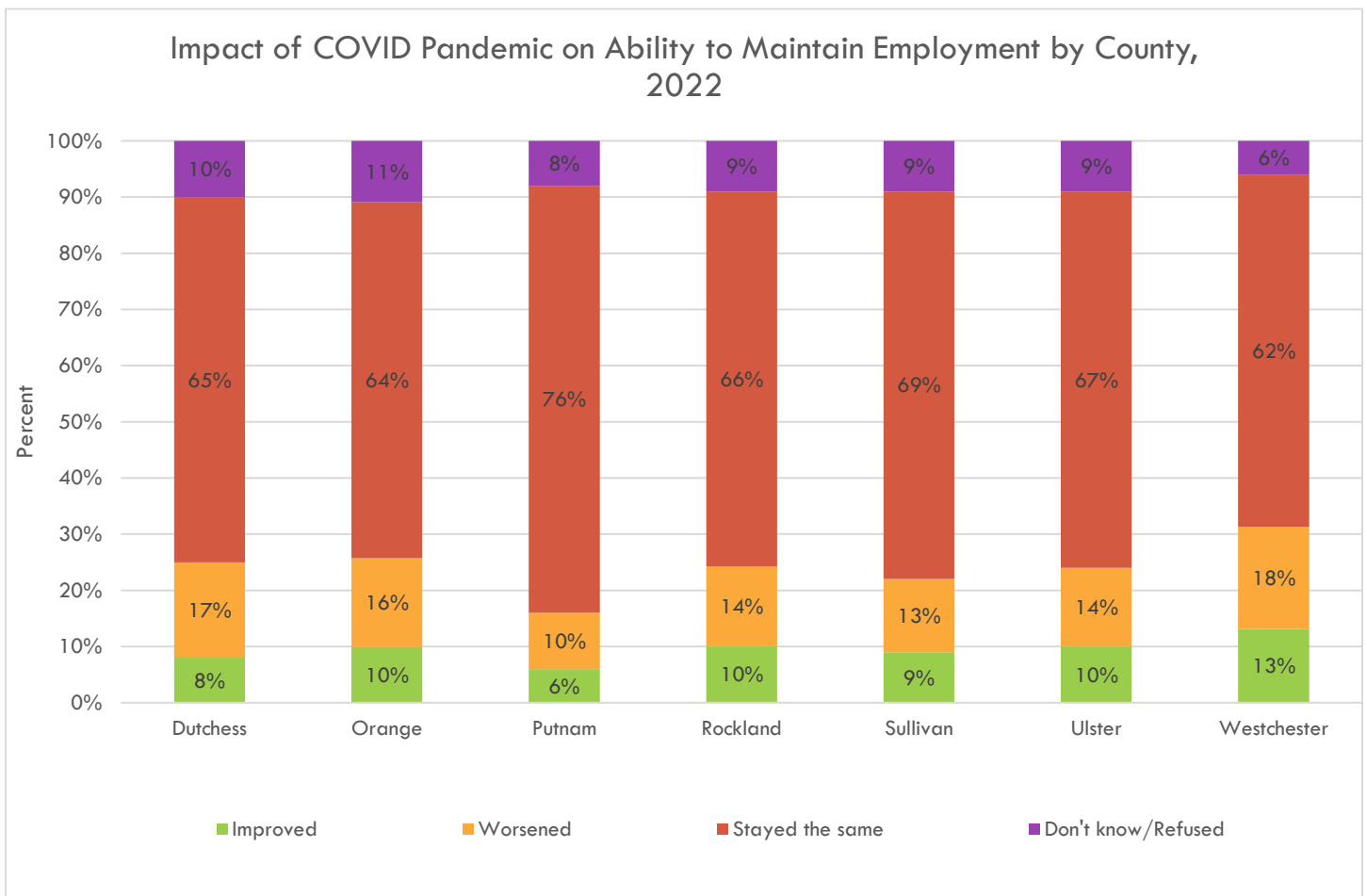
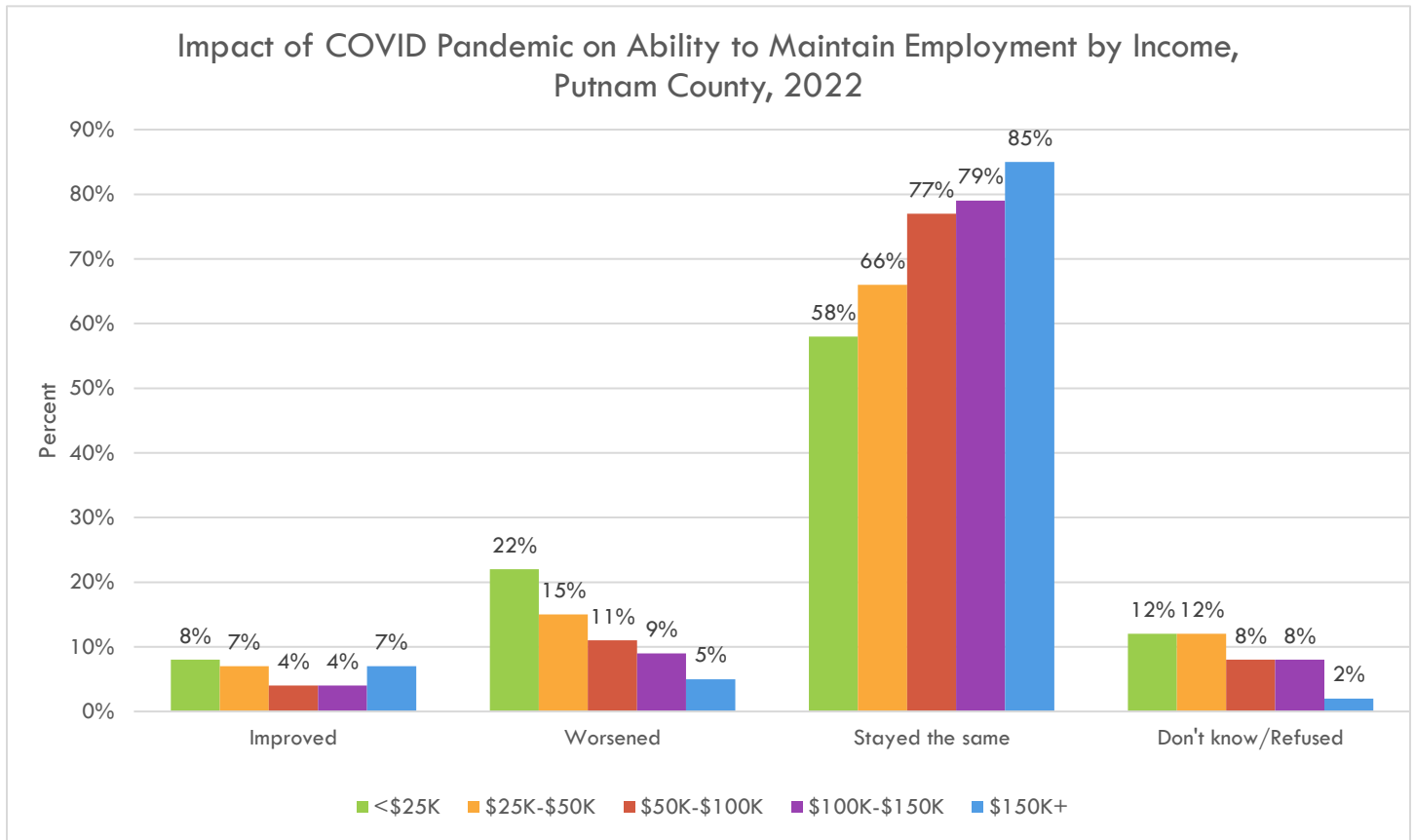


FIGURE 138A



Survey Question 47: Consider the impact of COVID on each of the following and indicate whether it has improved over the course of the pandemic, worsened or stayed the same? **Your ability to afford housing**

FIGURE 139A

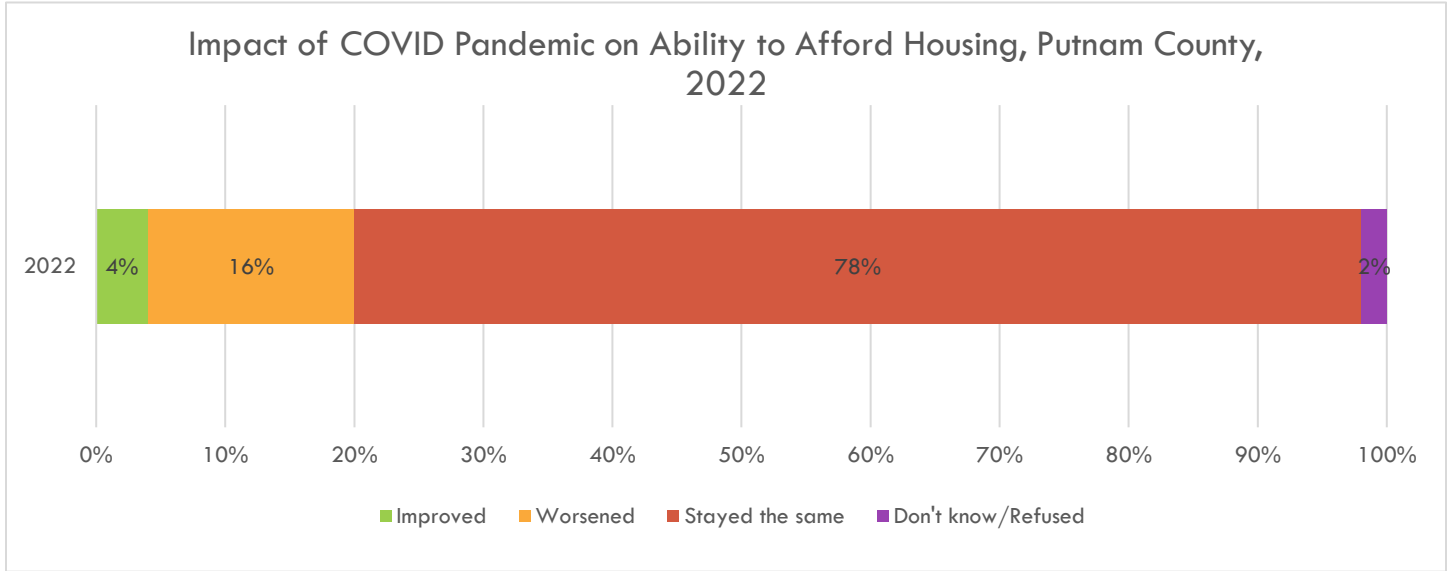


FIGURE 140A

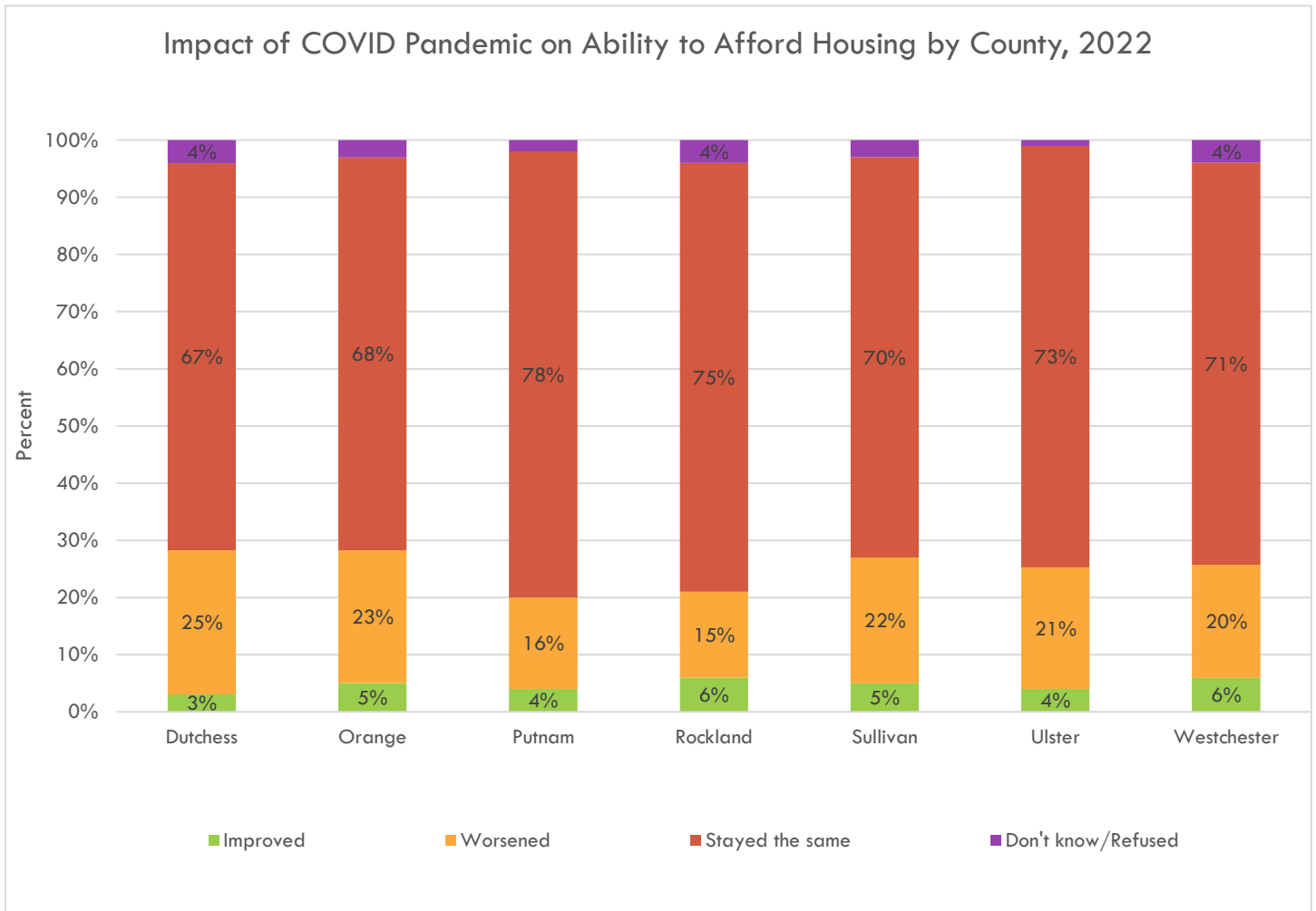
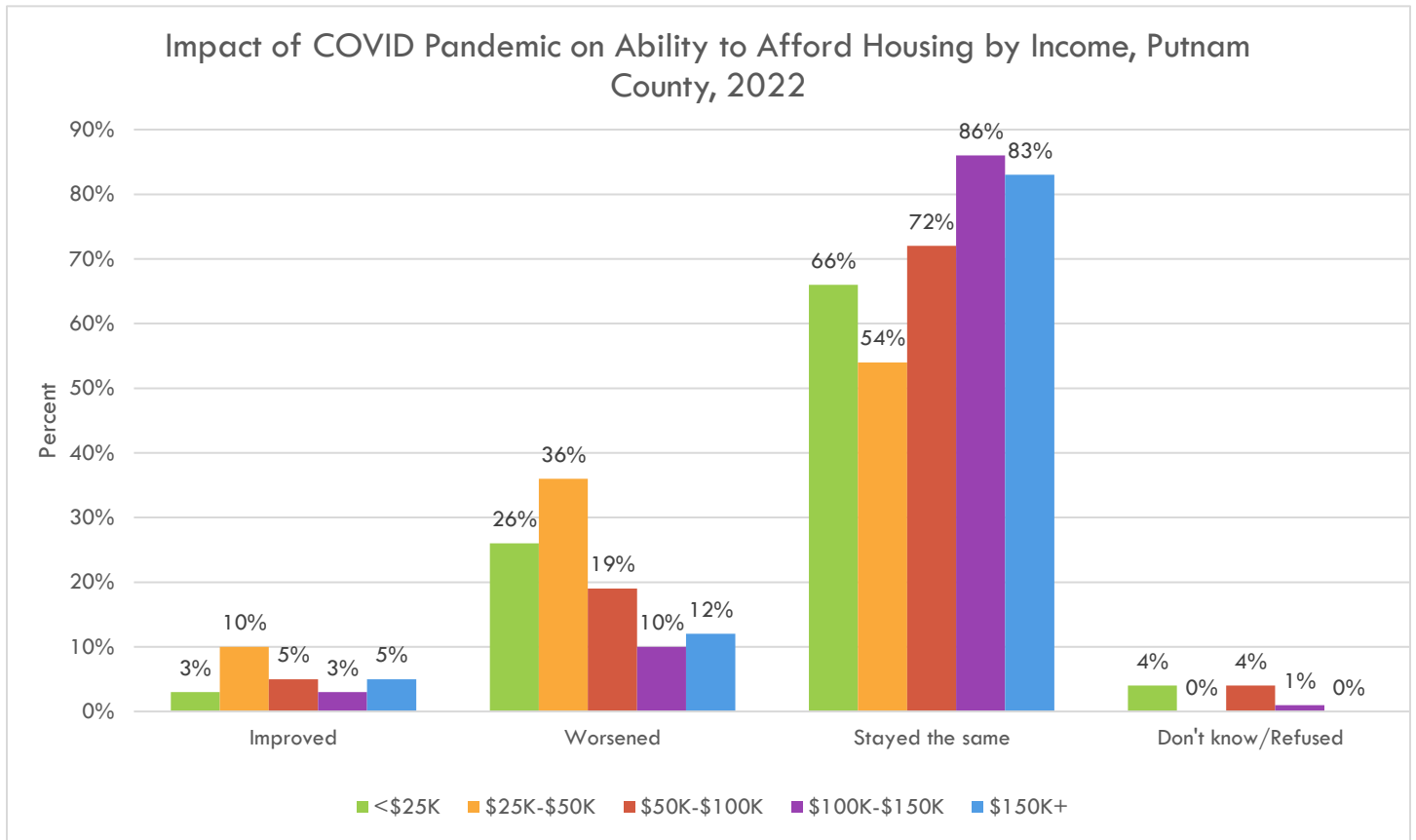


FIGURE 1.41A



Survey Question 48: Consider the impact of COVID on each of the following and indicate whether it has improved over the course of the pandemic, worsened or stayed the same? **Your ability to find available, quality childcare**

FIGURE 142A

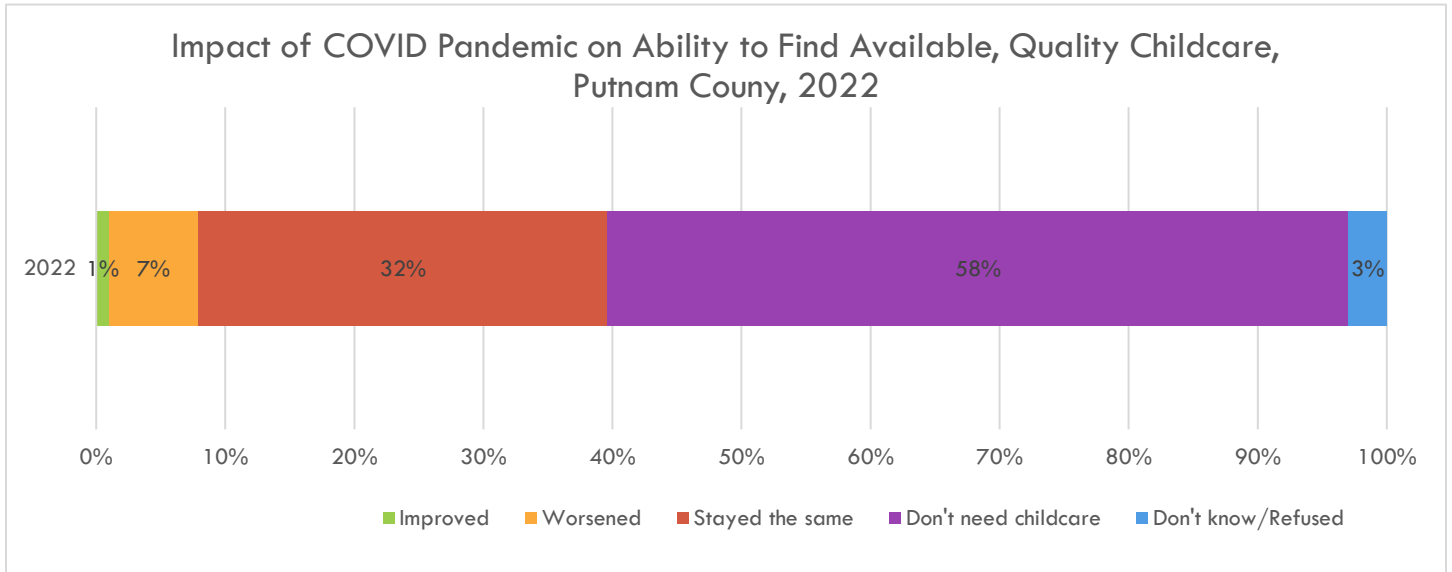


FIGURE 143A

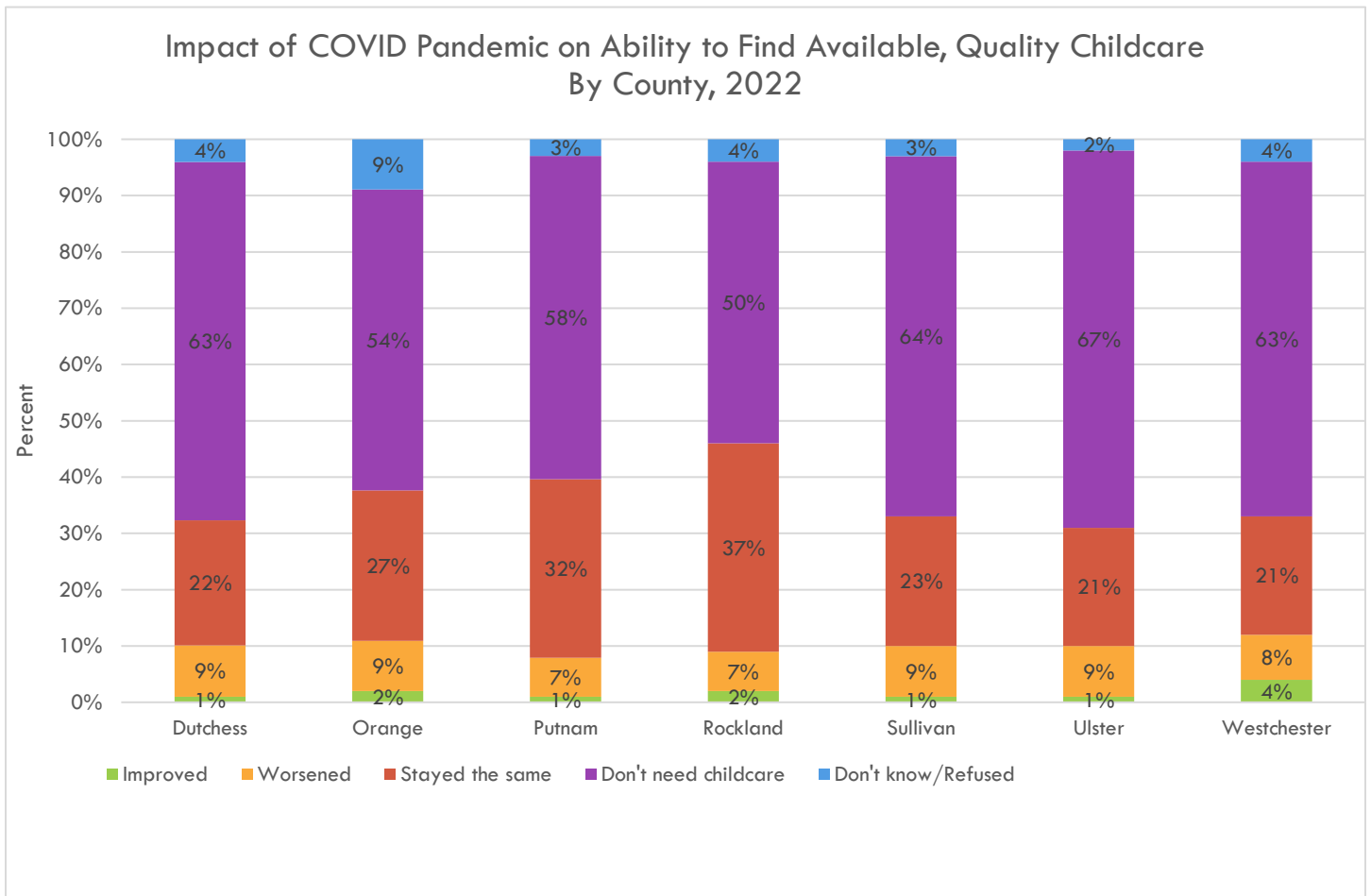
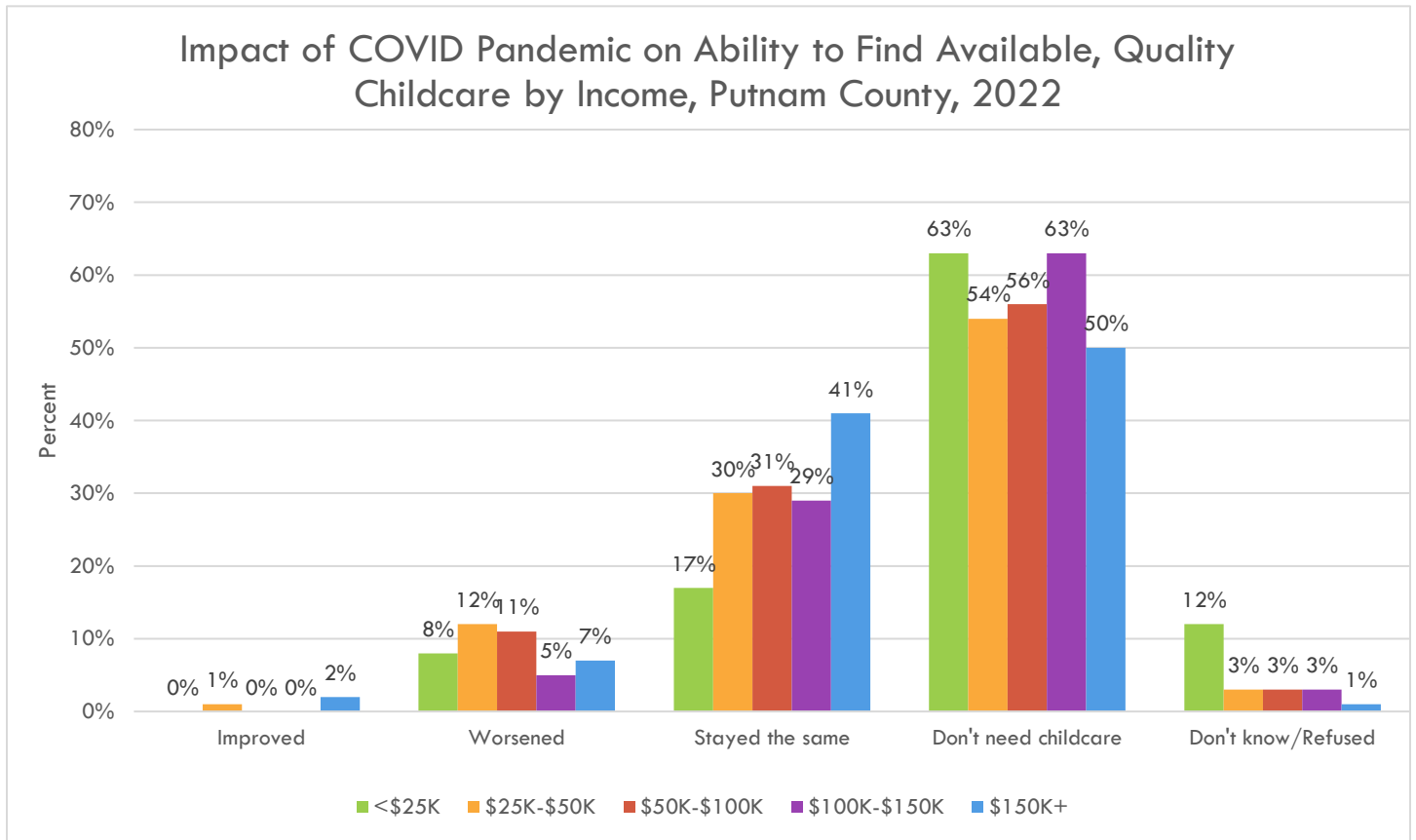


FIGURE 1 44A



Survey Question 49: Consider the impact of COVID on each of the following and indicate whether it has improved over the course of the pandemic, worsened or stayed the same? **Your ability to obtain care or to care for any member of your household that has a disability or chronic illness**

FIGURE 145A

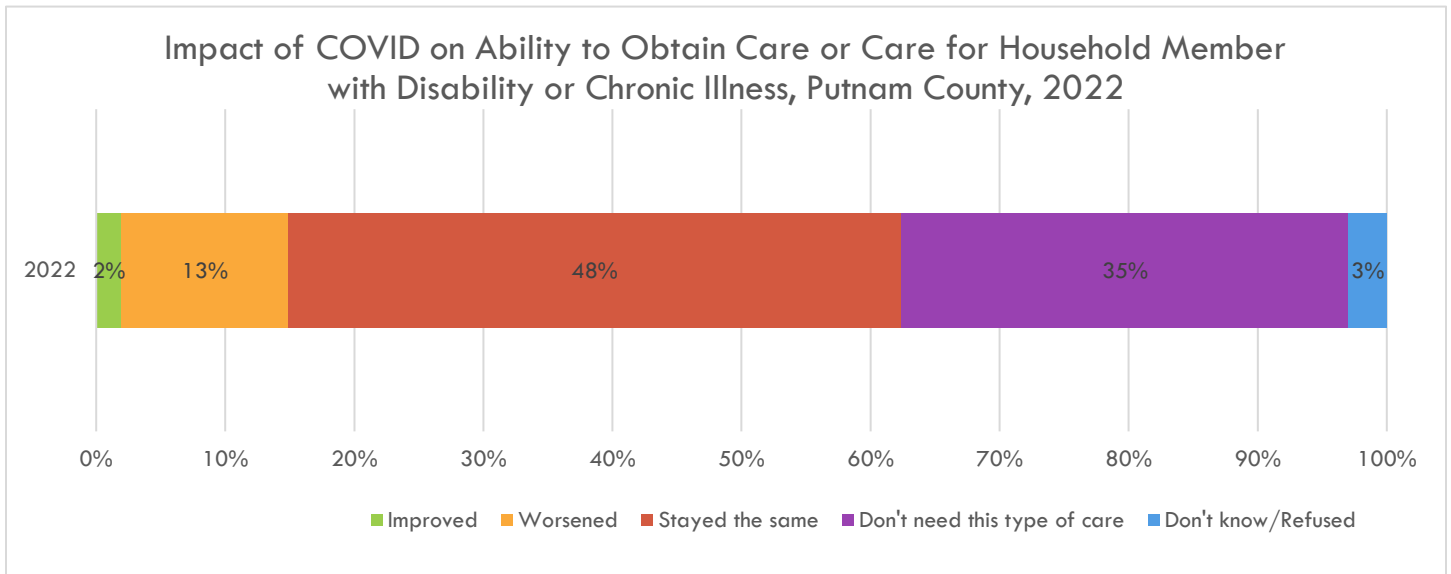


FIGURE 146A

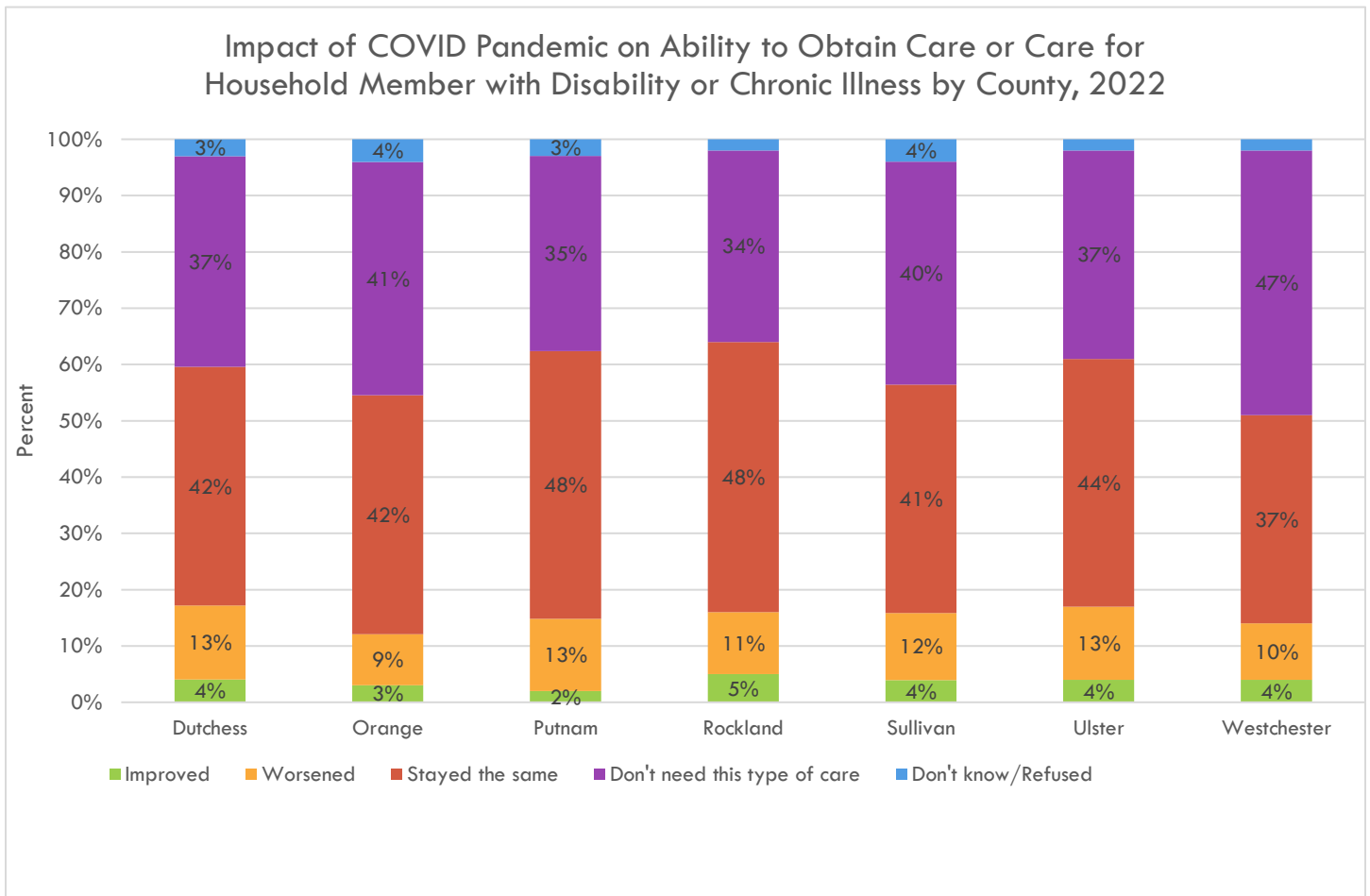
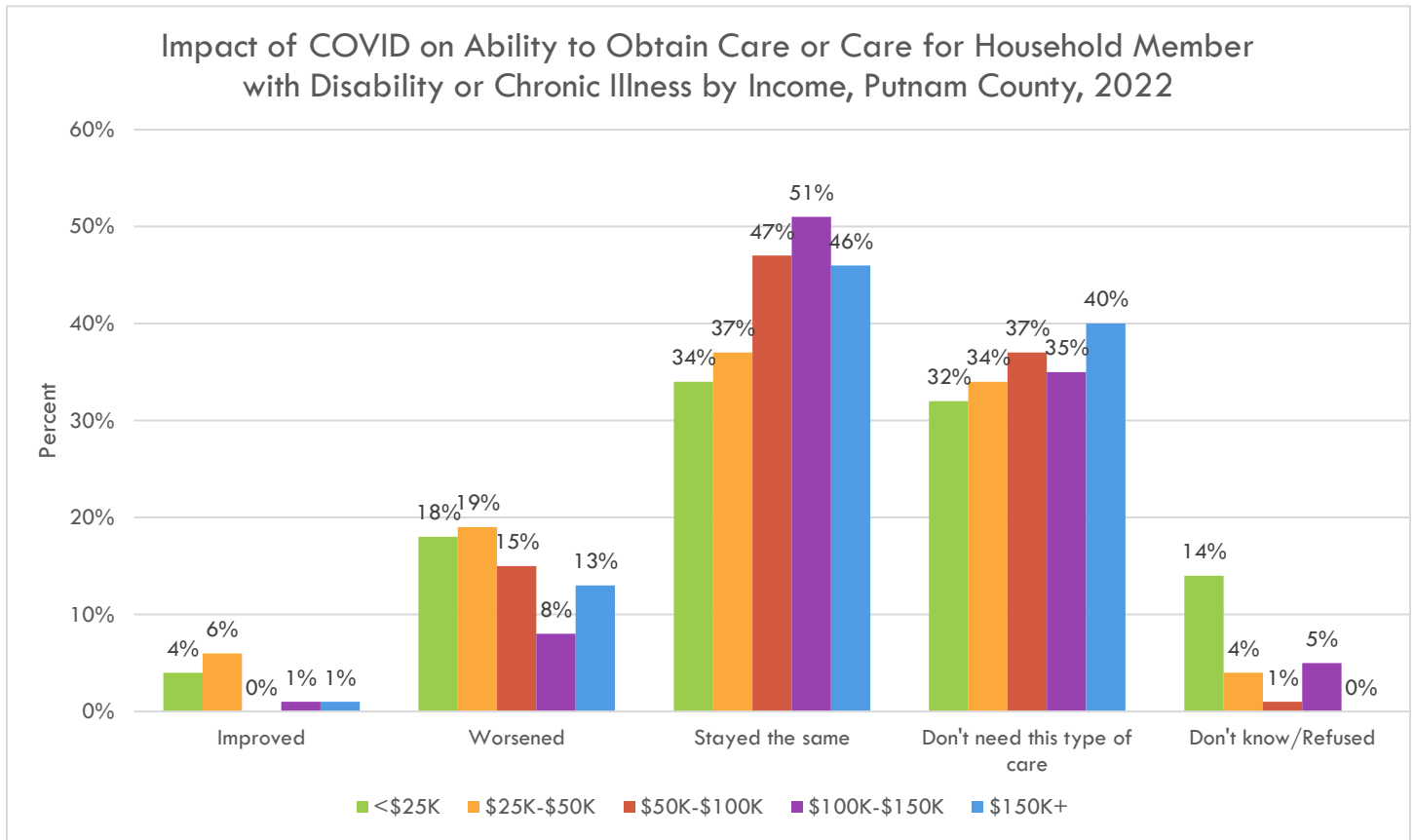


FIGURE 1.47A



Survey Question 50: Have you been vaccinated for COVID?

FIGURE 148A

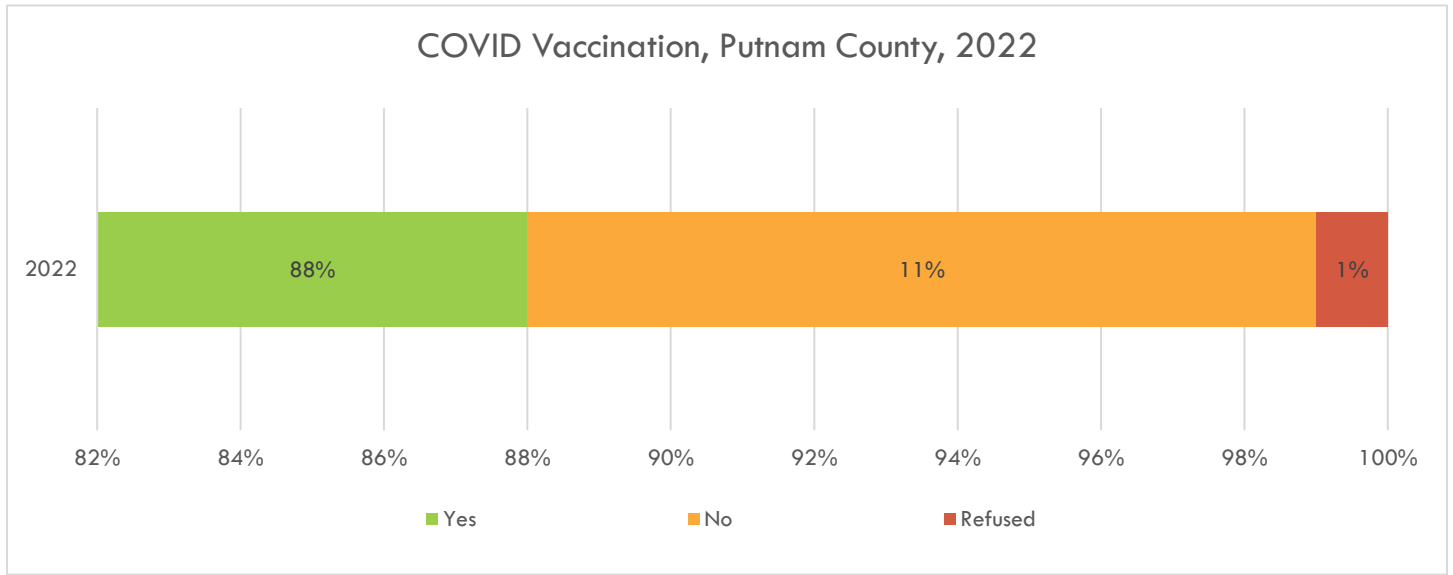


FIGURE 149A

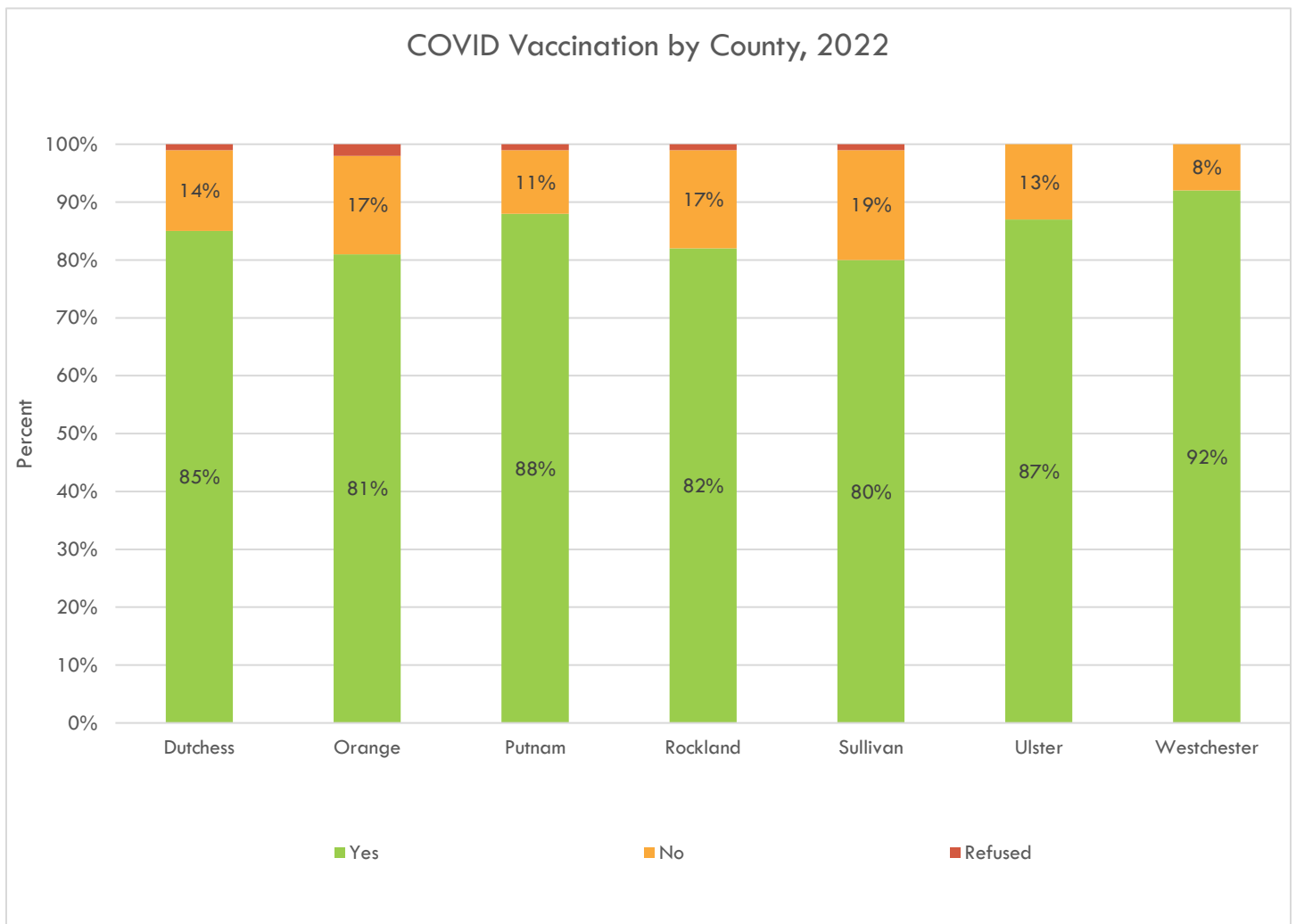
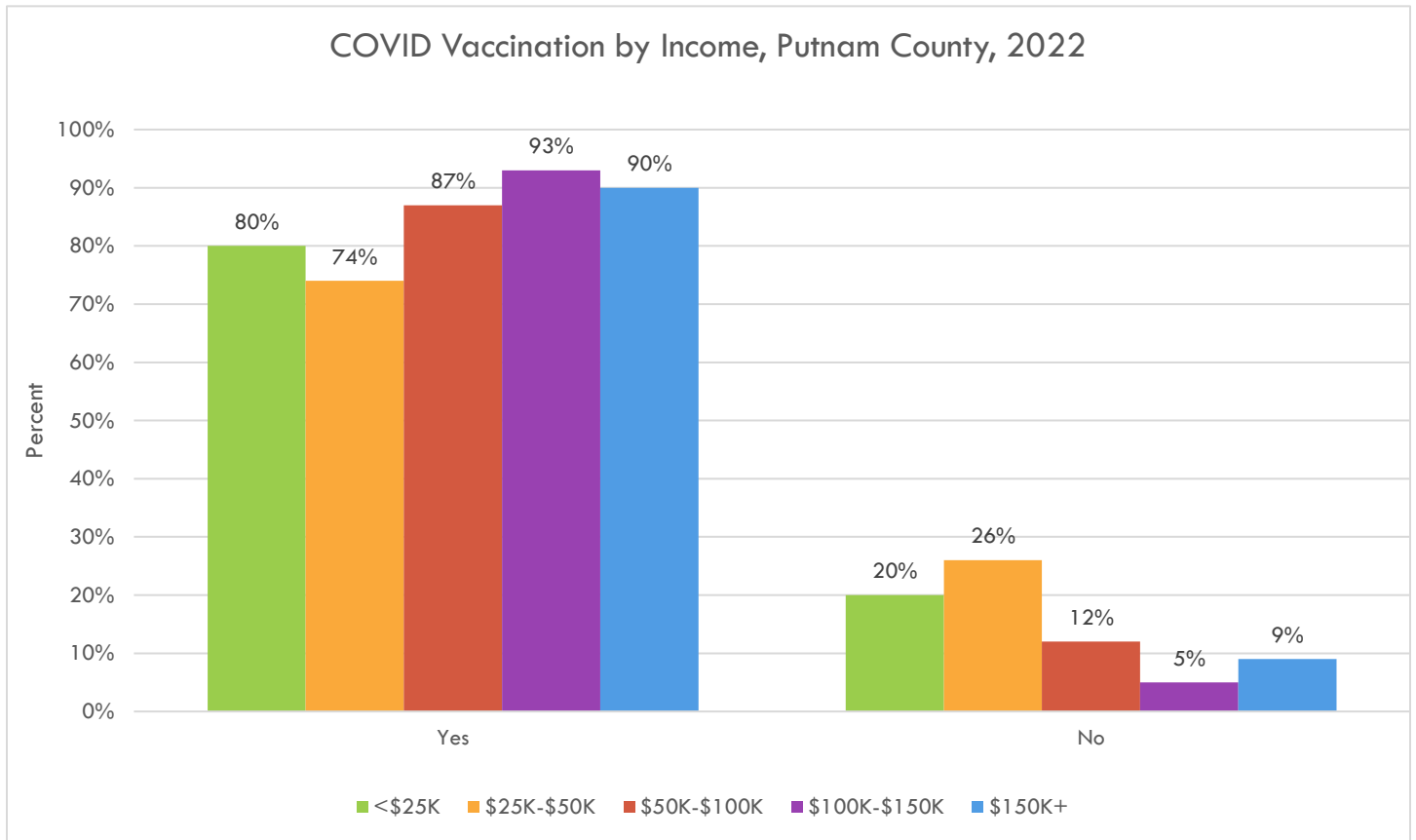


FIGURE 150A



Survey Question 51: (If vaccinated for COVID) Thinking back to when you got vaccinated, did you get it as soon as you were eligible or were you somewhat hesitant to get the COVID vaccine?

FIGURE 151A

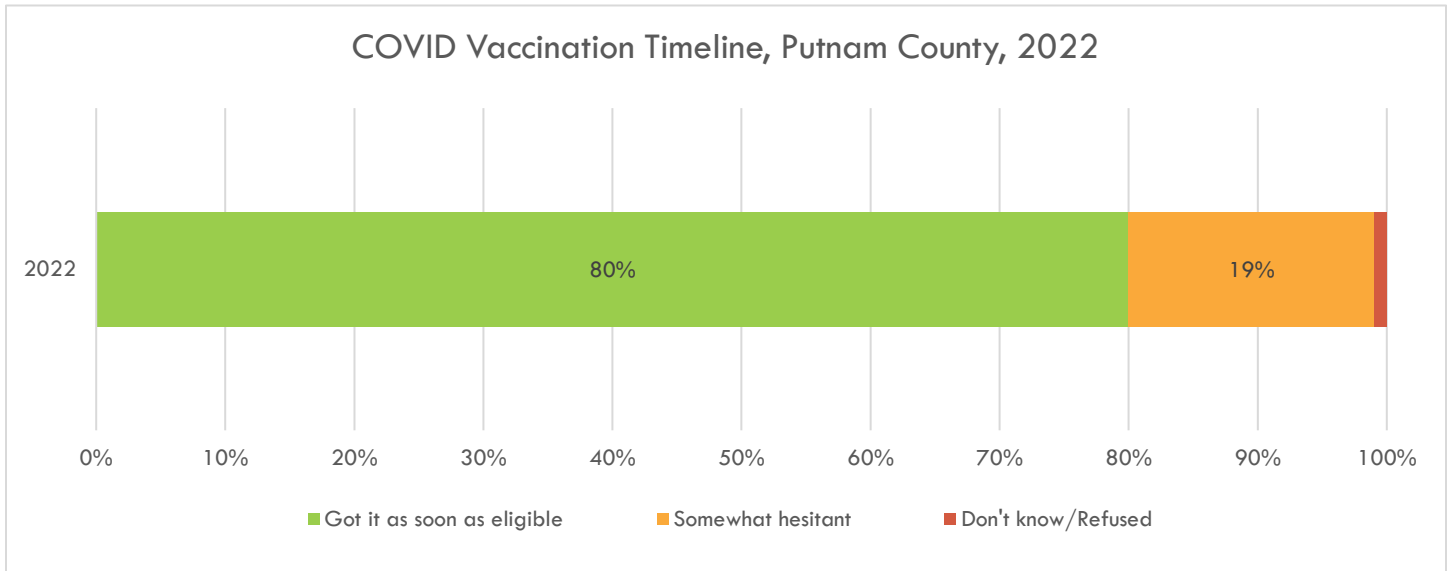


FIGURE 152A

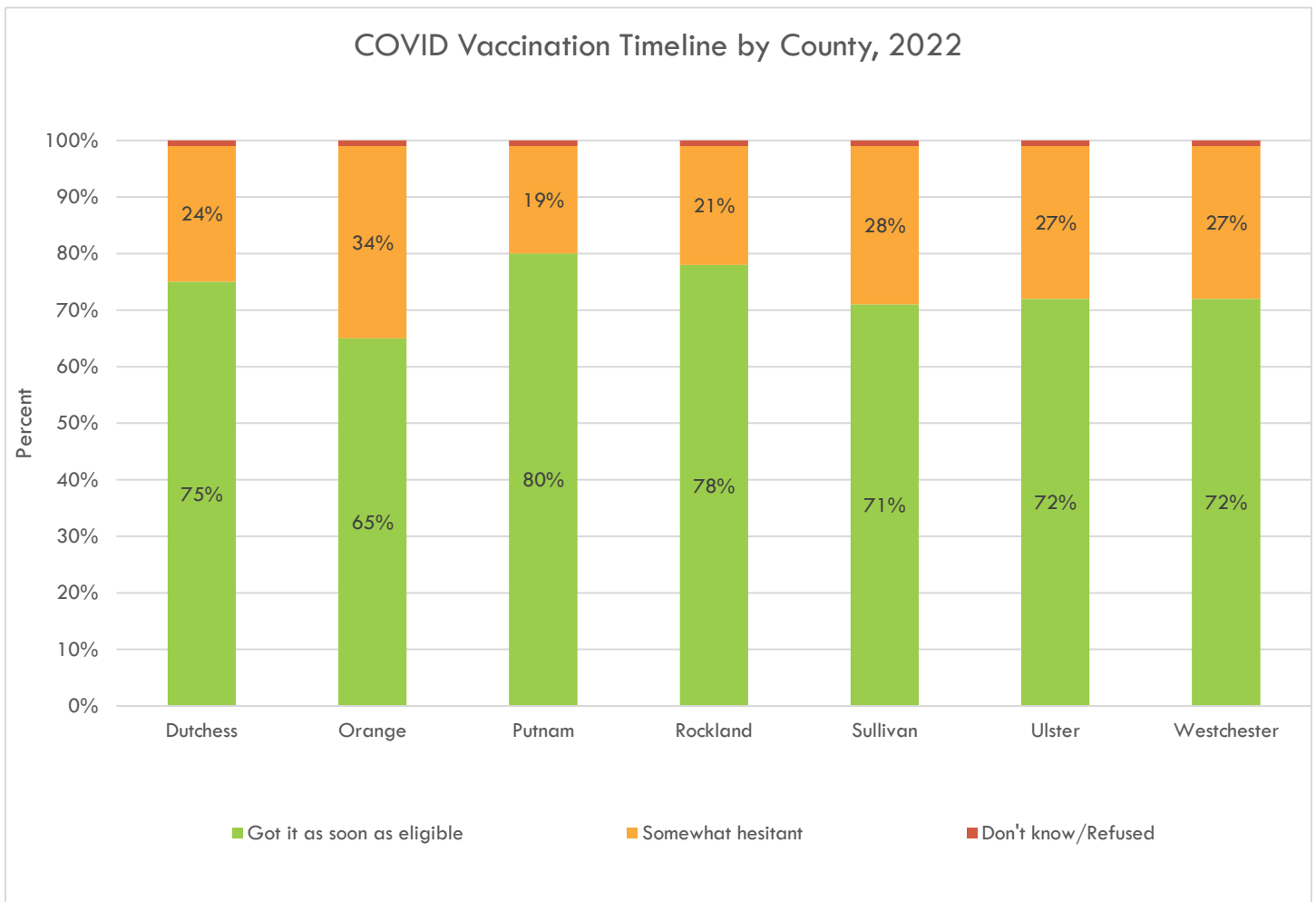
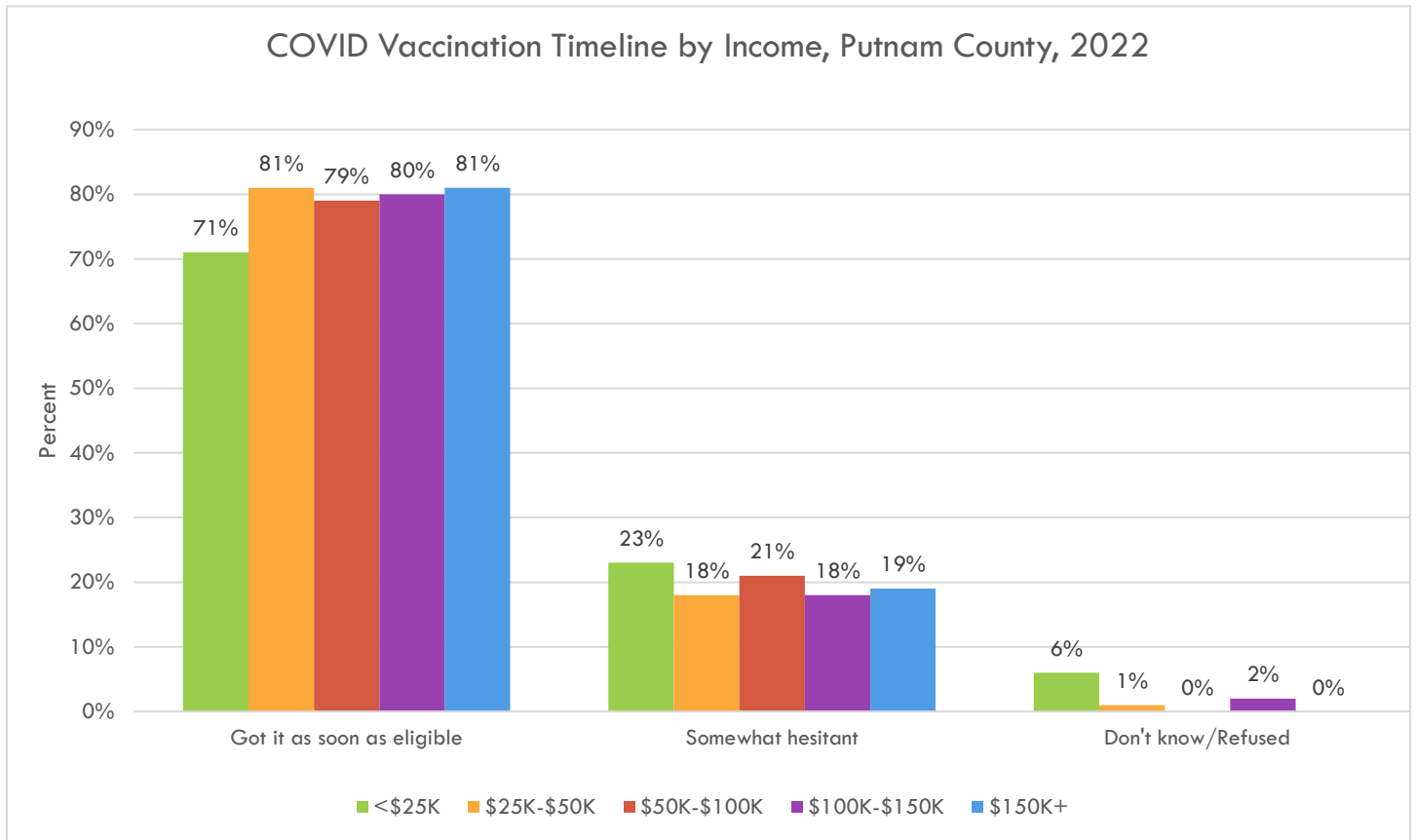
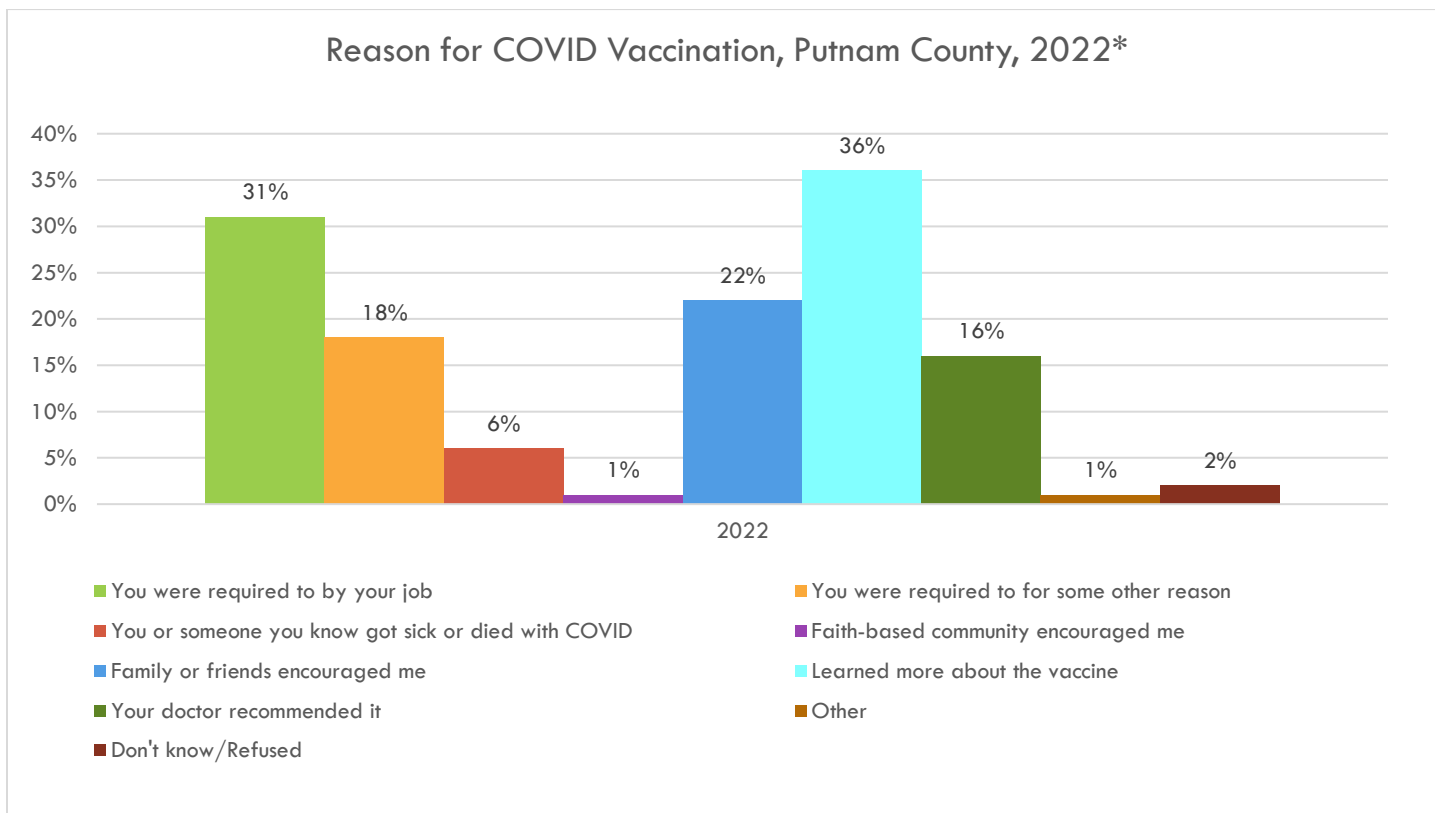


FIGURE 153A



Survey Question 52: (If vaccinated for COVID and somewhat hesitant) Why did you end up getting the vaccine?

FIGURE 154A



*Chart depicts proportion amongst respondents who reported initial hesitancy to receive a COVID vaccination, as per question 51

FIGURE 155A

	Dutchess	Orange	Putnam	Rockland	Sullivan	Ulster	Westchester
You were required to by your job	24%	31%	31%	23%	30%	26%	33%
You were required to for some other reason	23%	25%	18%	20%	26%	17%	22%
You or someone you know got sick or died with COVID	9%	11%	6%	19%	8%	7%	15%
Faith-based community encouraged me	2%	5%	1%	6%	1%	5%	6%
Family or friends encouraged me	24%	23%	22%	40%	20%	32%	26%
Learned more about the vaccine	32%	23%	36%	26%	25%	40%	32%
Your doctor recommended it	16%	17%	16%	24%	13%	27%	17%
Other	6%	8%	1%	5%	10%	6%	2%
Don't know/Refused	2%	3%	2%	1%	2%	2%	3%

*Chart depicts proportion amongst respondents who reported initial hesitancy to receive a COVID vaccination, as per question 51

FIGURE 156A

Reasons for COVID Vaccination by Income, Putnam County, 2022*					
	<\$25K	\$25K-\$50K	\$50K-\$100K	\$100K-\$150K	\$150K+
■ You were required to by your job	0%	60%	14%	27%	58%
■ You were required to for some other reason	20%	0%	4%	25%	17%
■ You or someone you know got sick or died with COVID	20%	0%	2%	13%	1%
■ Faith-based community encouraged me	0%	3%	0%	0%	3%
■ Family or friends encouraged me	44%	14%	13%	21%	31%
■ Learned more about the vaccine	24%	15%	67%	33%	27%
■ Your doctor recommended it	5%	24%	2%	25%	25%
■ Other	0%	3%	5%	0%	0%
■ Don't know/Refused	15%	0%	0%	0%	0%

*Chart depicts proportion amongst respondents who reported initial hesitancy to receive a COVID vaccination, as per question 51