

monitoring the future occasional paper series

Paper 96

***DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS
IN THE USE OF VARIOUS LICIT AND ILLICIT DRUGS***

1988–2020

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Ann Arbor, Michigan

2021

Monitoring the Future: A Continuing Study of the Lifestyles and Values of Youth

As its title suggests, this study is intended to assess the changing lifestyles, values, and preferences of American youth on a continuing basis. Each year since 1975, at least 13,000 high school seniors have participated in the annual survey, which is conducted in some 130 high schools nationwide. Since 1991, the study's annual surveys also have included surveys of similar nationally representative samples of eighth- and tenth-grade students. In addition, subsamples of high school seniors from previously participating classes receive follow-up questionnaires by mail each year.

This Occasional Paper Series is intended to disseminate a variety of products from the study, including pre-publication (and somewhat more detailed) versions of journal articles, other substantive articles, and methodological papers.

A full listing of occasional papers and other study reports is available on the study's website, www.monitoringthefuture.org. The website contains a complete listing of all publications from the study, the abstracts or full text of many of these publications, and recent press releases.

The mailing address of Monitoring the Future is Institute for Social Research, The University of Michigan, P.O. Box 1248, Ann Arbor, MI 48106.

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**DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS
IN THE USE OF VARIOUS LICIT AND ILLICIT DRUGS
1988-2020**

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INTRODUCTION

This occasional paper presents subgroup findings from the Monitoring the Future (MTF) study on levels of, and trends in, the use of a number of substances for nationally representative samples of high school graduates ages 19–30. The data have been gathered in a series of follow-up surveys of representative subsamples of high school seniors who were first surveyed in 12th grade as part of the MTF study. Therefore, the universe being described omits people who did not complete high school—between 8 and 15% of each age group, with the most recent class cohorts closer to the bottom of that range.¹ Surveys of the graduating cohorts of high school seniors started in 1976 and have continued with each graduating class since. Data were first available for the 19–22 age group in 1980 and for the older age groups in subsequent years as the early cohorts progressed in age, as the tables and figures in this occasional paper indicate.

The general epidemiological findings from these samples are discussed in *Volume II* of the annual monograph series.² The subgroup trends shown in the current occasional paper complement the last section of Chapter 5 (Trends in Drug Use in Early and Middle Adulthood) of that monograph by presenting the trend data for young adult subgroups in both graphic and tabular form. The results are described and discussed in Chapter 5, but the extensive set of tables and figures is provided here for the reader who wishes to view the figures and the underlying numerical values in tabular form.

Three demographic dimensions are differentiated: gender, region of the country, and population density. Gender includes trends for males and females; region describes trends for each of the four major regions defined by the U.S. Census³; and population density differentiates trends for five levels of community size.⁴

The Table of Contents and List of Figures in this occasional paper contain links to the content and figures herein. Following each figure is a table giving the numerical values associated with each trend line in that figure.

¹U.S. Census Bureau. (various years). Current population reports, Series P-20, [various numbers]. Washington, DC: U.S. Government Printing Office. Available at <http://www.census.gov/cps/data/cpstablecreator.html>

²Schulenberg, J. E., Johnston, L. D., O’Malley, P. M., Bachman, J. G., Miech, R. A., & Patrick, M.E. (2021). *Monitoring the Future national survey results on drug use, 1975–2020. Volume II: College students and adults ages 19–60.*. Ann Arbor: Institute for Social Research, The University of Michigan.

³Beginning in 1987, a question about state of residence was added to all follow-up questionnaires, permitting trend data to be calculated for four regions of the country since then. The four regions are: Northeast, Midwest, South, and West.

⁴Based on the respondent’s answer to the question, “During March of this year did you live mostly ...,” five levels of population density are distinguished: in a very large city (over 500,000 people); in a large city (100,000 to 500,000); in a medium-sized city (50,000 to 100,000); in a small city or town (under 50,000); and on a farm/in the country.” Data on the suburbs of cities of each size were combined with the corresponding city.

FIGURE 1
Trends in Annual Any Illicit Drug Use by Gender (4 yr. Age Groupings)

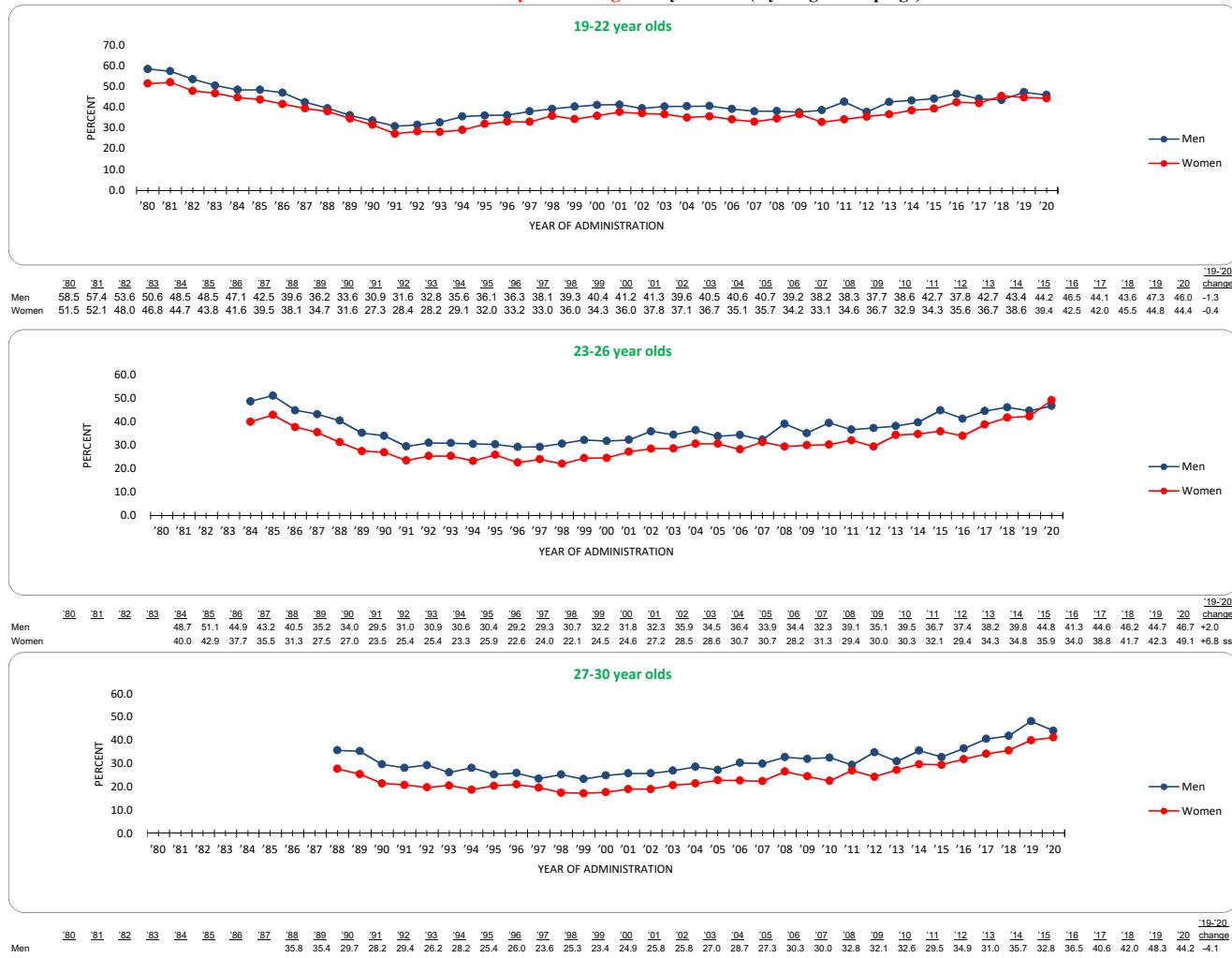


FIGURE 2
Trends in Any Illicit Drug Use by Region (1-12 yrs. Past High School)

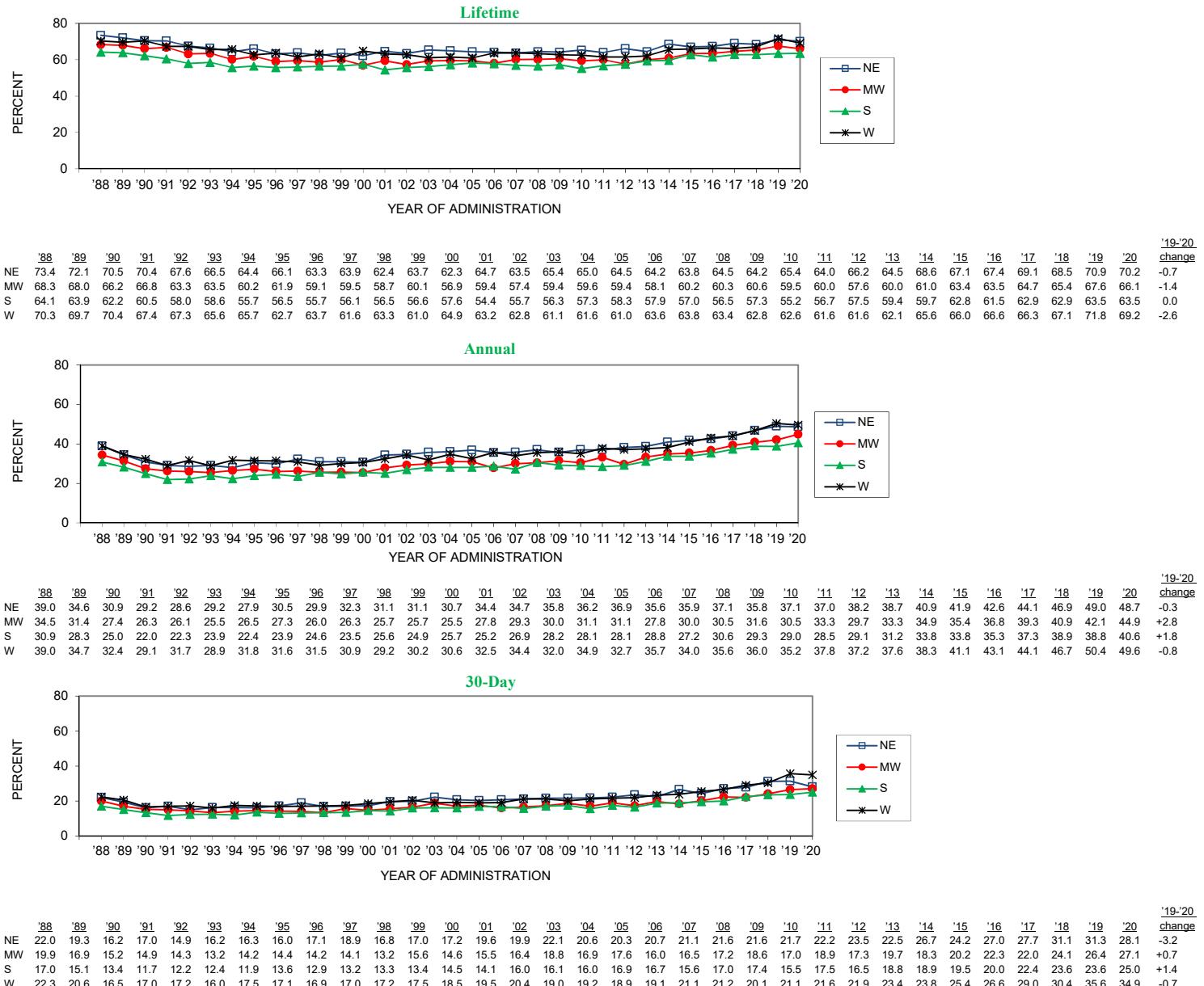
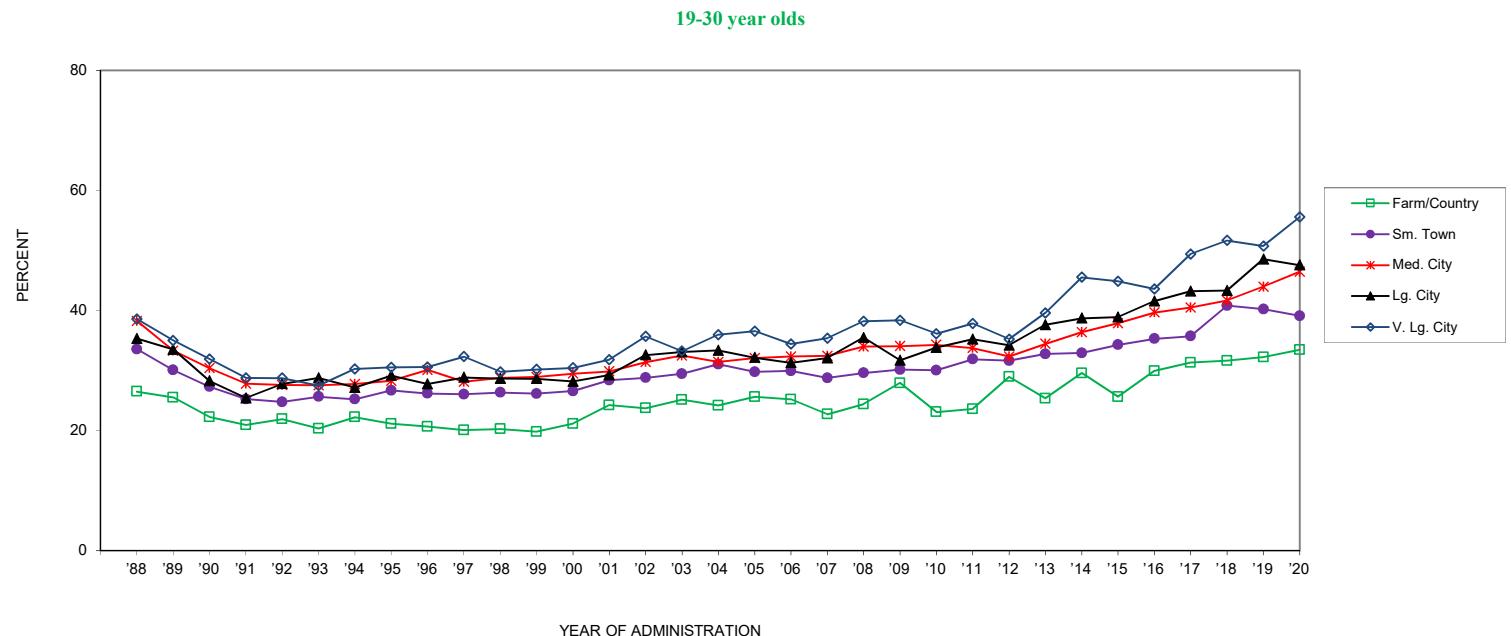


FIGURE 3
Trends in Annual Any Illicit Drug Use by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	26.5	25.5	22.3	20.9	21.9	20.4	22.3	21.2	20.7	20.1	20.3	19.8	21.2	24.3	23.8	25.2	24.2	25.7	25.2	22.7	24.4	27.9	23.1	23.6	29.0	25.4	29.6	25.6	30.0	31.4	31.7	32.3	33.5	+1.2
Sm. Town	33.6	30.1	27.3	25.3	24.8	25.7	25.2	26.7	26.2	26.1	26.4	26.2	26.6	28.4	28.8	29.5	31.1	29.8	30.0	28.8	29.6	30.2	30.1	31.9	31.7	32.8	33.0	34.2	35.3	35.7	40.8	40.3	39.1	-1.1
Med. City	38.3	33.3	30.4	27.8	27.6	27.6	27.8	28.3	30.1	28.2	28.8	28.9	29.5	29.9	31.4	32.5	31.5	32.1	32.4	32.5	34.0	34.1	34.3	33.8	32.4	34.5	36.4	37.9	39.7	40.5	41.7	44.0	46.5	+2.5
Lg. City	35.3	33.5	28.3	25.4	27.8	28.8	27.2	29.2	27.8	28.9	28.7	28.7	28.2	29.3	32.6	33.1	33.4	32.2	31.3	32.1	35.5	31.7	33.9	35.2	34.2	37.7	38.7	38.9	41.6	43.3	43.3	48.6	47.6	-1.0
V. Lg. City	38.6	35.0	31.9	28.8	28.8	27.5	30.3	30.5	30.6	32.3	29.8	30.2	30.5	31.8	35.7	33.2	36.0	36.6	34.5	35.4	38.2	38.4	36.2	37.9	35.2	39.6	45.6	44.9	43.6	49.4	51.7	50.8	55.6	+4.8

FIGURE 4
Trends in Annual Any Illicit Drug Other Than Marijuana Use by Gender (4 yr. Age Groupings)

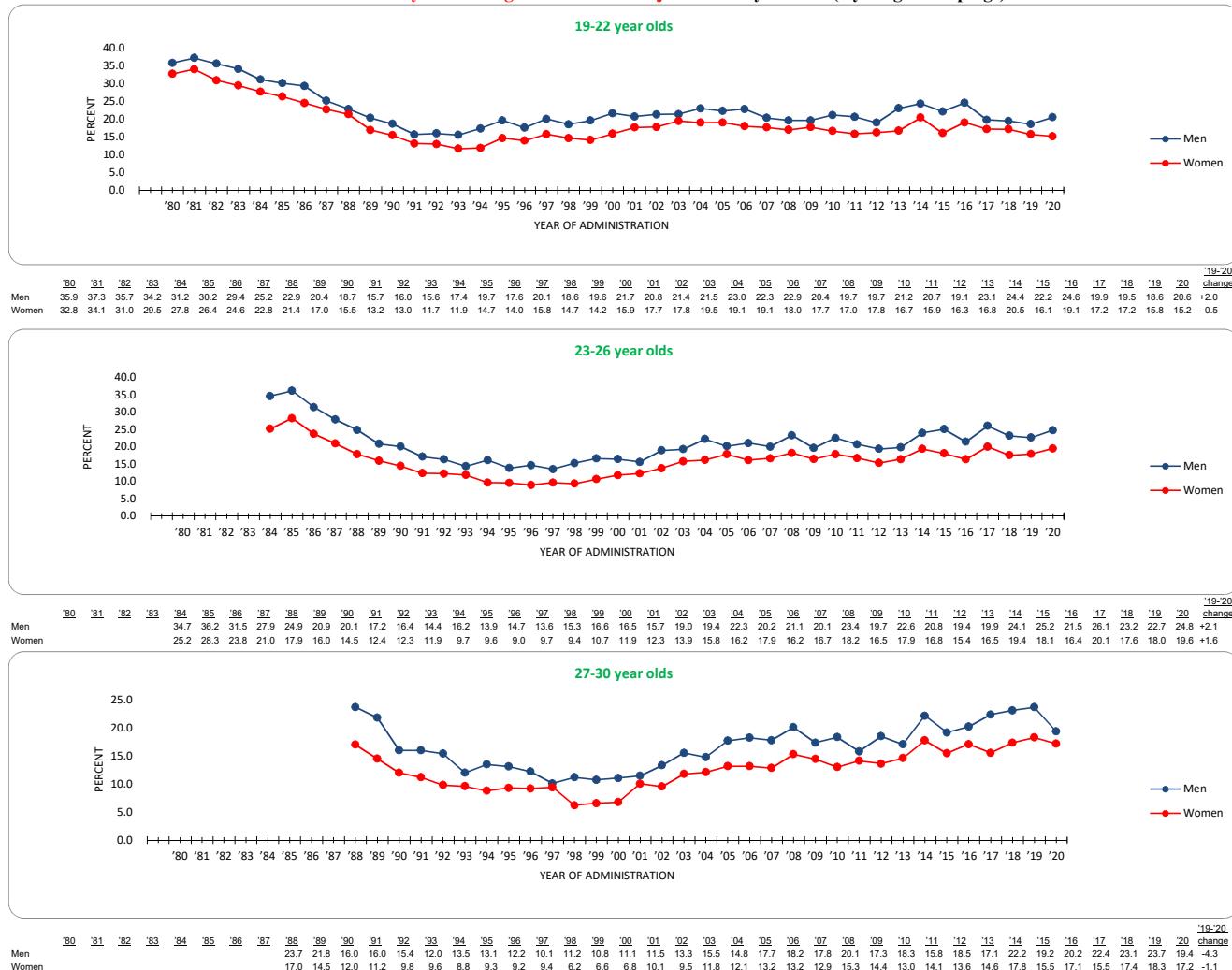


FIGURE 5
Trends in Any Illicit Drug Other Than Marijuana Use by Region (1-12 yrs. Past High School)

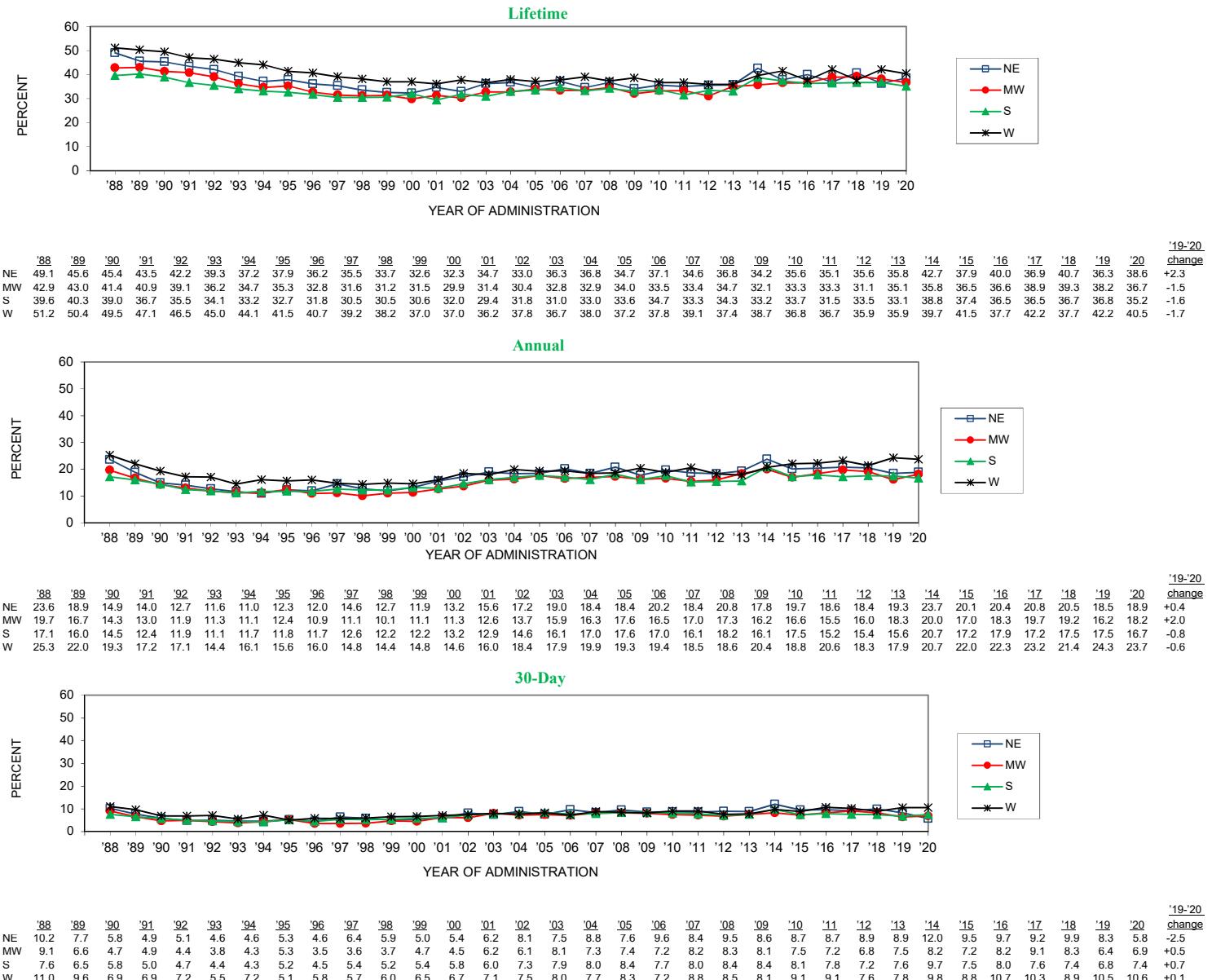
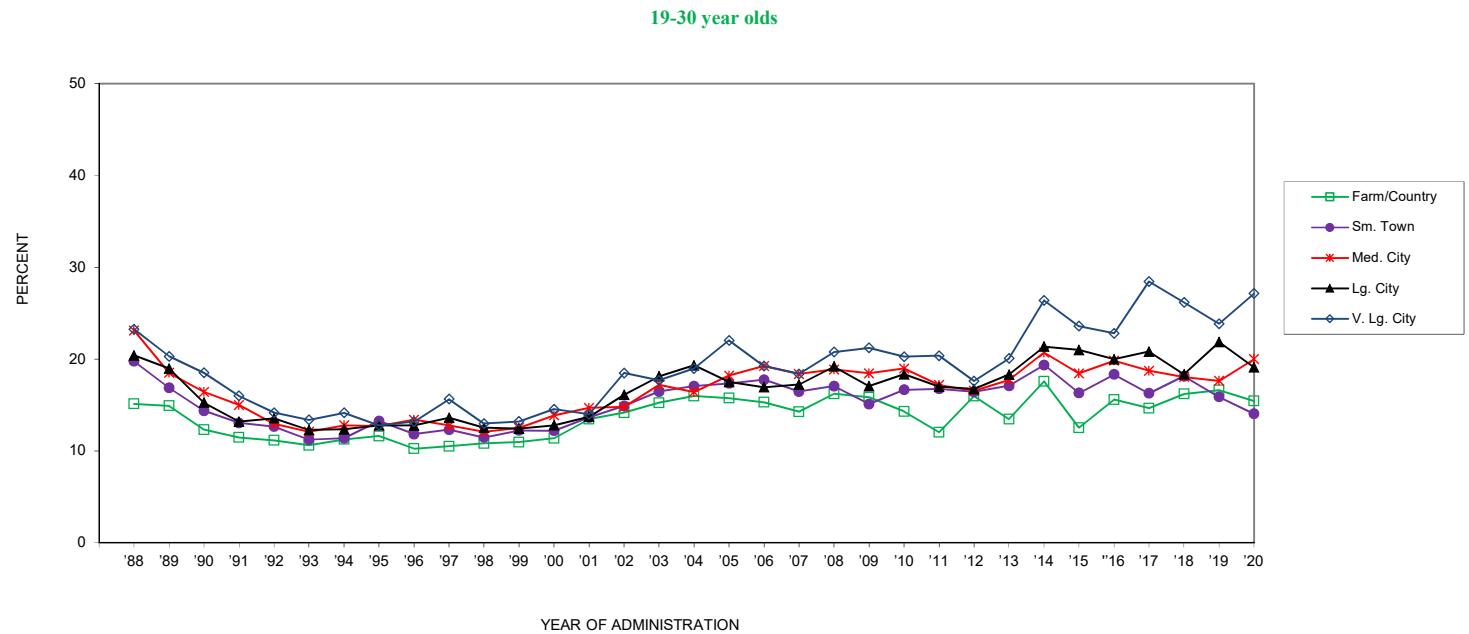


FIGURE 6
Trends in Annual Any Illicit Drug Other Than Marijuana Use by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	15.1	14.9	12.3	11.5	11.2	10.6	11.3	11.6	10.2	10.5	10.8	11.0	11.4	13.5	14.2	15.2	16.0	15.7	15.3	14.3	16.2	15.8	14.3	12.0	16.0	13.5	17.6	12.5	15.6	14.6	16.2	16.6	15.4	-1.2
Sm. Town	19.7	16.9	14.4	13.1	12.6	11.2	11.4	13.2	11.8	12.3	11.5	12.2	12.2	13.6	14.9	16.5	17.1	17.4	17.7	16.5	17.0	15.1	16.7	16.8	16.4	17.1	19.4	16.3	18.3	16.3	18.1	15.9	14.0	-1.8
Med. City	23.1	18.5	16.4	15.0	12.9	12.1	12.8	12.7	13.4	12.8	12.1	12.5	13.9	14.7	14.8	17.2	16.4	18.2	19.2	18.4	18.9	18.4	19.0	17.2	16.5	17.7	20.7	18.5	19.8	18.7	18.0	17.6	20.0	+2.4
Lg. City	20.4	19.0	15.3	13.2	13.6	12.3	12.4	12.8	12.8	13.6	12.5	12.4	12.8	13.7	16.1	18.1	19.3	17.5	16.9	17.2	19.2	17.1	18.4	17.0	16.7	18.3	21.4	21.0	20.0	20.8	18.3	21.9	19.1	-2.7
V. Lg. City	23.3	20.3	18.5	16.0	14.2	13.4	14.1	12.8	13.2	15.6	13.0	13.2	14.5	14.0	18.5	17.7	19.0	22.0	19.2	18.4	20.8	21.2	20.3	20.4	17.6	20.1	26.4	23.6	22.8	28.5	26.2	23.9	27.1	+3.3

FIGURE 7
Trends in Annual Marijuana Use by Gender (4 yr. Age Groupings)

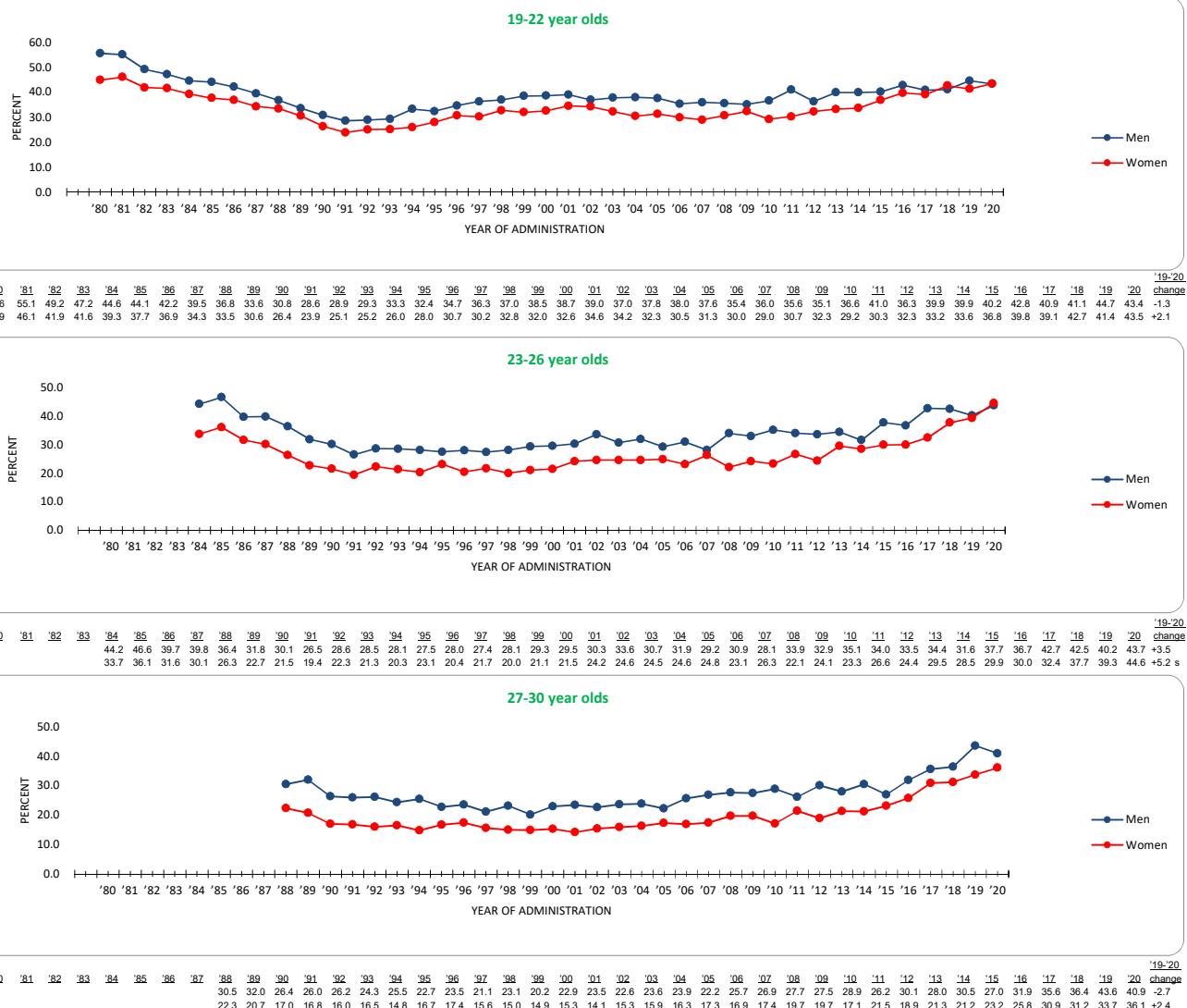
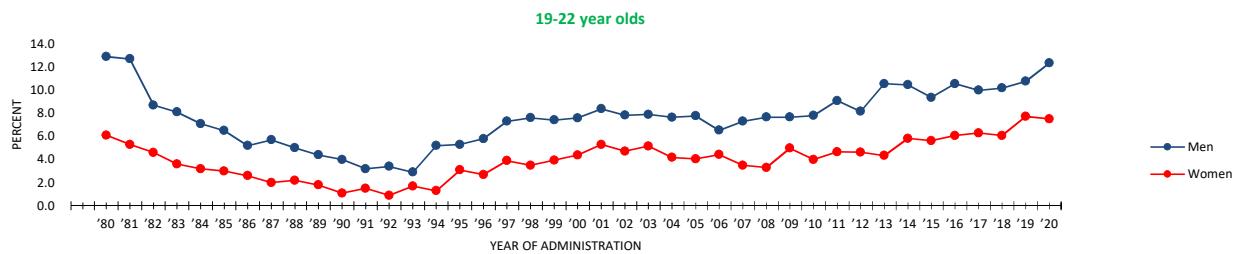


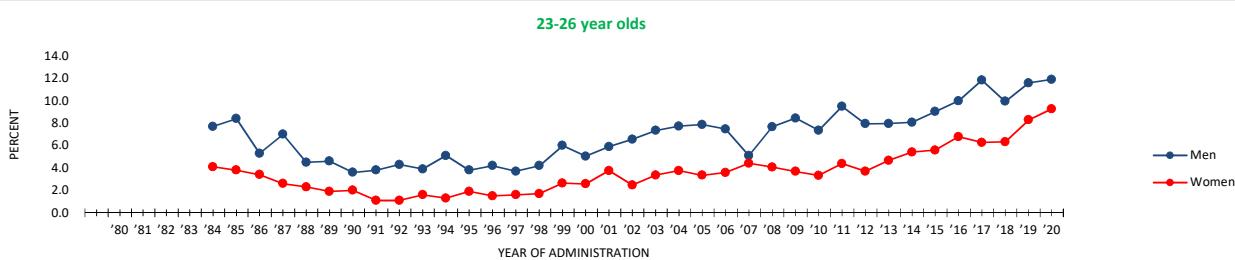
FIGURE 8
Trends in 30-Day Marijuana Use by Gender (4 yr. Age Groupings)



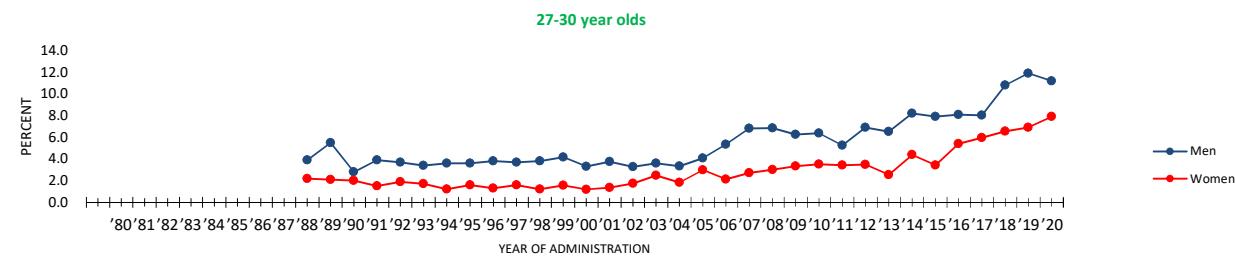
FIGURE 9
Trends in Daily Marijuana Use by Gender (4 yr. Age Groupings)



	19-20 change																				
Men	12.9	12.7	8.7	8.1	7.1	6.5	5.2	5.7	5.0	4.4	4.0	3.2	3.4	2.9	5.2	5.3	5.8	7.3	7.6	7.4	7.6
Women	6.1	5.3	4.6	3.6	3.2	3.0	2.6	2.0	2.2	1.8	1.1	1.5	0.9	1.7	1.3	3.1	2.7	3.9	3.5	3.9	4.4



	19-20 change																				
Men	7.7	8.4	5.3	7.0	4.5	4.6	3.6	3.8	4.3	3.9	5.1	3.8	4.2	3.7	4.2	6.0	5.0	5.9	6.6	7.3	7.5
Women	4.1	3.8	3.4	2.6	2.3	1.9	2.0	1.1	1.1	1.6	1.3	1.9	1.5	1.6	1.7	2.6	2.6	3.8	2.5	3.4	3.3



	19-20 change																				
Men	3.9	5.5	2.8	3.9	3.7	3.4	3.6	3.6	3.8	3.7	3.8	4.2	3.3	3.8	3.3	3.6	3.3	4.1	5.4	6.8	6.8
Women	2.2	2.1	2.0	1.5	1.9	1.7	1.2	1.6	1.3	1.6	1.2	1.4	1.7	2.5	1.8	3.0	2.1	2.7	3.0	3.4	3.5

FIGURE 10
Trends in Marijuana Use by Region (1-12 yrs. Past High School)

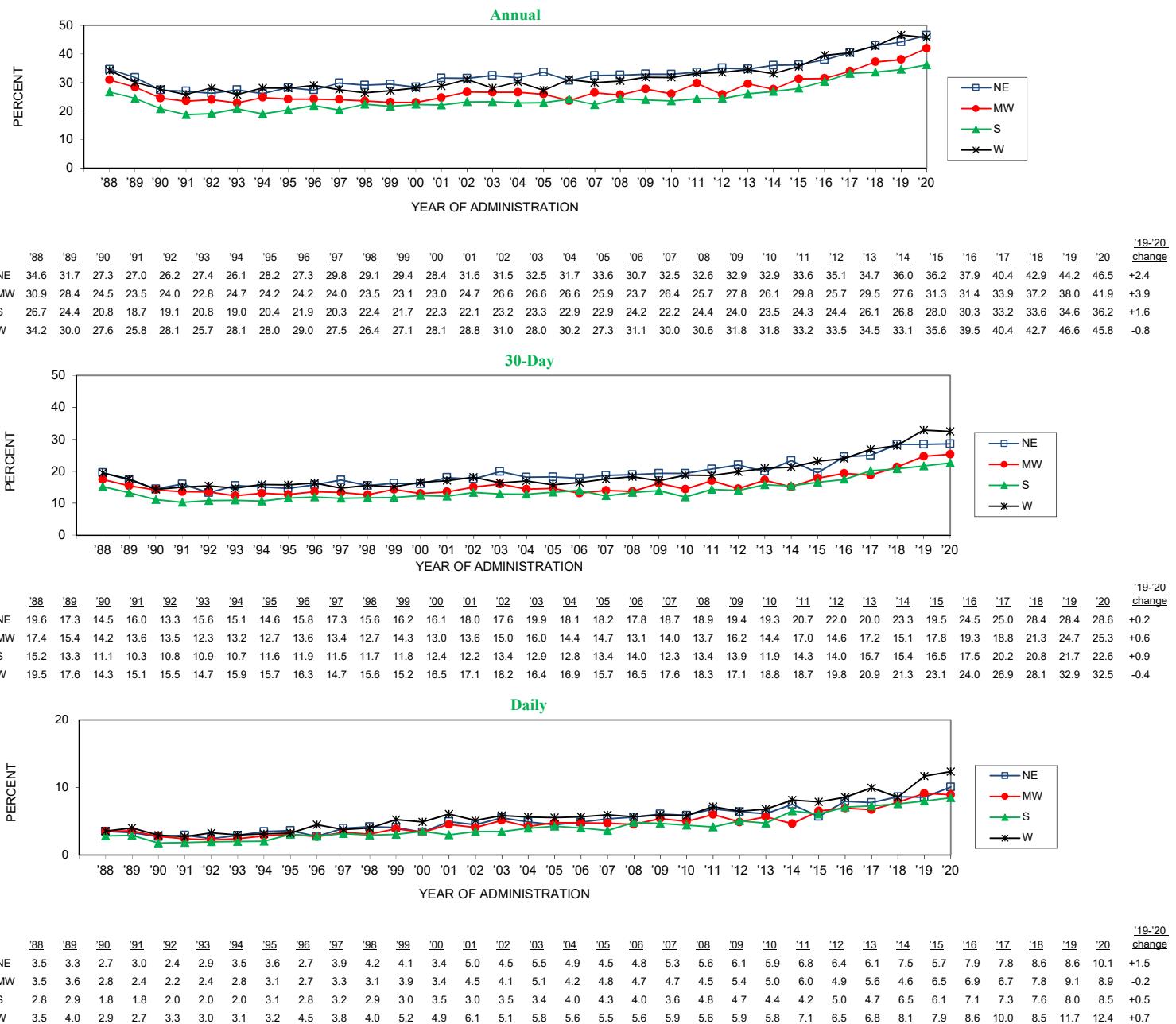
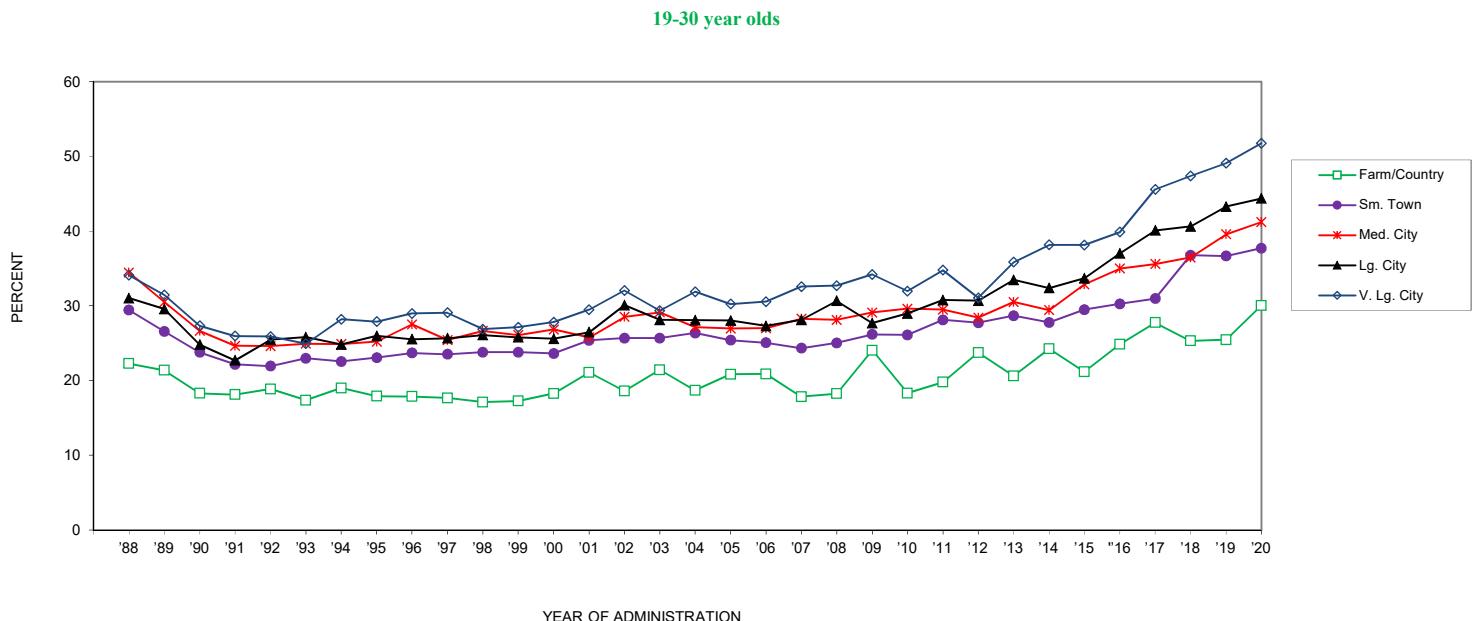


FIGURE 11
Trends in Annual Marijuana Use by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-20
Farm/Country	22.3	21.4	18.3	18.1	18.9	17.4	19.0	17.9	17.7	17.1	17.3	18.3	21.1	18.6	21.4	18.7	20.8	20.9	17.9	18.3	24.1	18.3	19.8	23.7	20.6	24.3	21.2	24.9	27.8	25.3	25.5	30.1	+4.6	
Sm. Town	29.4	26.6	23.8	22.2	21.9	23.0	22.6	23.1	23.7	23.5	23.8	23.6	25.4	25.7	26.4	25.4	25.1	24.3	25.0	26.2	26.1	28.1	27.7	28.7	27.8	29.5	30.3	31.0	36.8	36.7	37.7	+1.0		
Med. City	34.4	30.5	26.6	24.7	24.6	24.9	24.9	25.2	27.5	25.4	26.6	26.1	26.8	25.8	28.5	29.1	27.2	27.0	27.0	28.3	28.1	29.1	29.6	28.4	30.5	29.4	32.9	35.0	35.6	36.5	39.6	41.2	+1.6	
Lg. City	31.0	29.6	24.8	22.7	25.5	25.8	24.8	26.0	25.5	25.7	26.1	25.8	25.6	26.5	30.1	28.1	28.0	27.3	28.1	30.7	27.7	29.0	30.8	30.7	33.5	32.4	33.7	37.0	40.1	40.6	43.3	44.4	+1.1	
V. Lg. City	34.1	31.5	27.3	26.0	25.9	24.9	28.2	27.9	29.0	29.1	26.9	27.1	27.8	29.5	32.1	29.4	31.9	30.2	30.6	32.6	32.7	34.2	32.0	34.8	31.1	35.9	38.2	38.2	39.9	45.6	47.4	49.1	51.8	+2.7

FIGURE 12
Trends in Thirty-Day Marijuana Use by Population Density

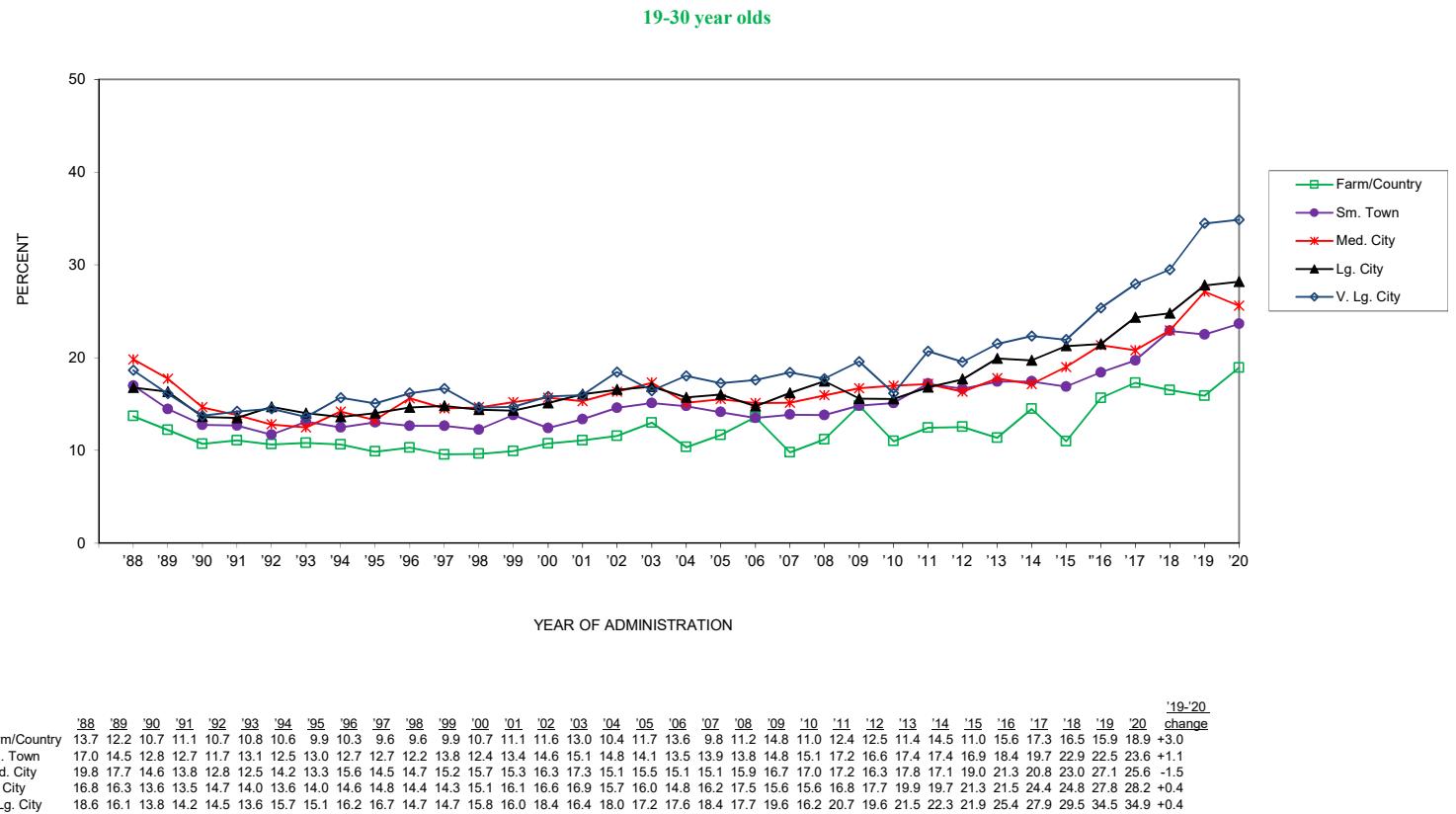
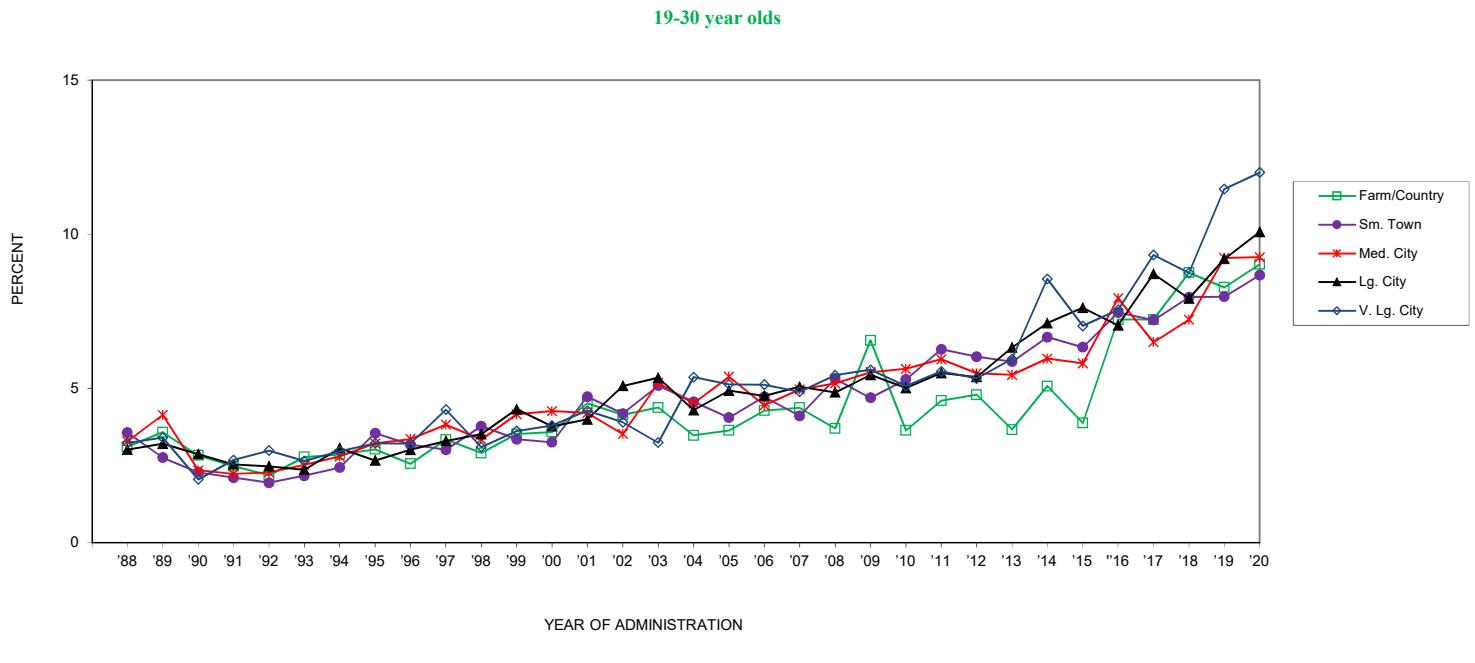


FIGURE 13
Trends in Daily Marijuana Use by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	3.1	3.6	2.8	2.5	2.2	2.8	2.9	3.0	2.6	3.3	2.9	3.5	3.6	4.5	4.1	4.4	3.5	3.6	4.3	4.4	3.7	6.6	3.6	4.6	4.8	3.7	5.1	3.9	7.2	7.2	8.8	8.3	9.0	+0.7
Sm. Town	3.6	2.8	2.3	2.1	1.9	2.2	2.4	3.6	3.2	3.0	3.8	3.4	3.3	4.7	4.2	5.1	4.6	4.1	4.7	4.1	5.3	4.7	5.3	6.3	6.0	5.9	6.7	6.3	7.5	7.2	8.0	8.0	8.7	+0.7
Med. City	3.3	4.1	2.4	2.2	2.3	2.5	2.8	3.2	3.4	3.8	3.4	4.2	4.3	4.2	3.5	5.2	4.5	5.4	4.5	5.0	5.2	5.5	5.6	5.9	5.5	5.4	6.0	5.8	7.9	6.5	7.2	9.2	9.3	0.0
Lg. City	3.0	3.2	2.9	2.5	2.5	2.4	3.1	2.7	3.0	3.3	3.5	4.3	3.8	4.0	5.1	5.4	4.3	4.9	4.8	5.1	4.9	5.4	5.0	5.5	5.4	6.3	7.1	7.6	7.1	8.7	7.9	9.2	10.1	+0.9
V. Lg. City	3.2	3.4	2.1	2.7	3.0	2.7	3.0	3.2	3.2	4.3	3.1	3.6	3.8	4.3	3.9	5.4	5.1	5.1	4.9	5.4	5.6	5.1	5.6	5.3	6.0	8.5	7.0	7.6	9.3	8.7	11.5	12.0	+0.5	

FIGURE 14
Trends in Annual Synthetic Marijuana Use by Gender (4 yr. Age Groupings)

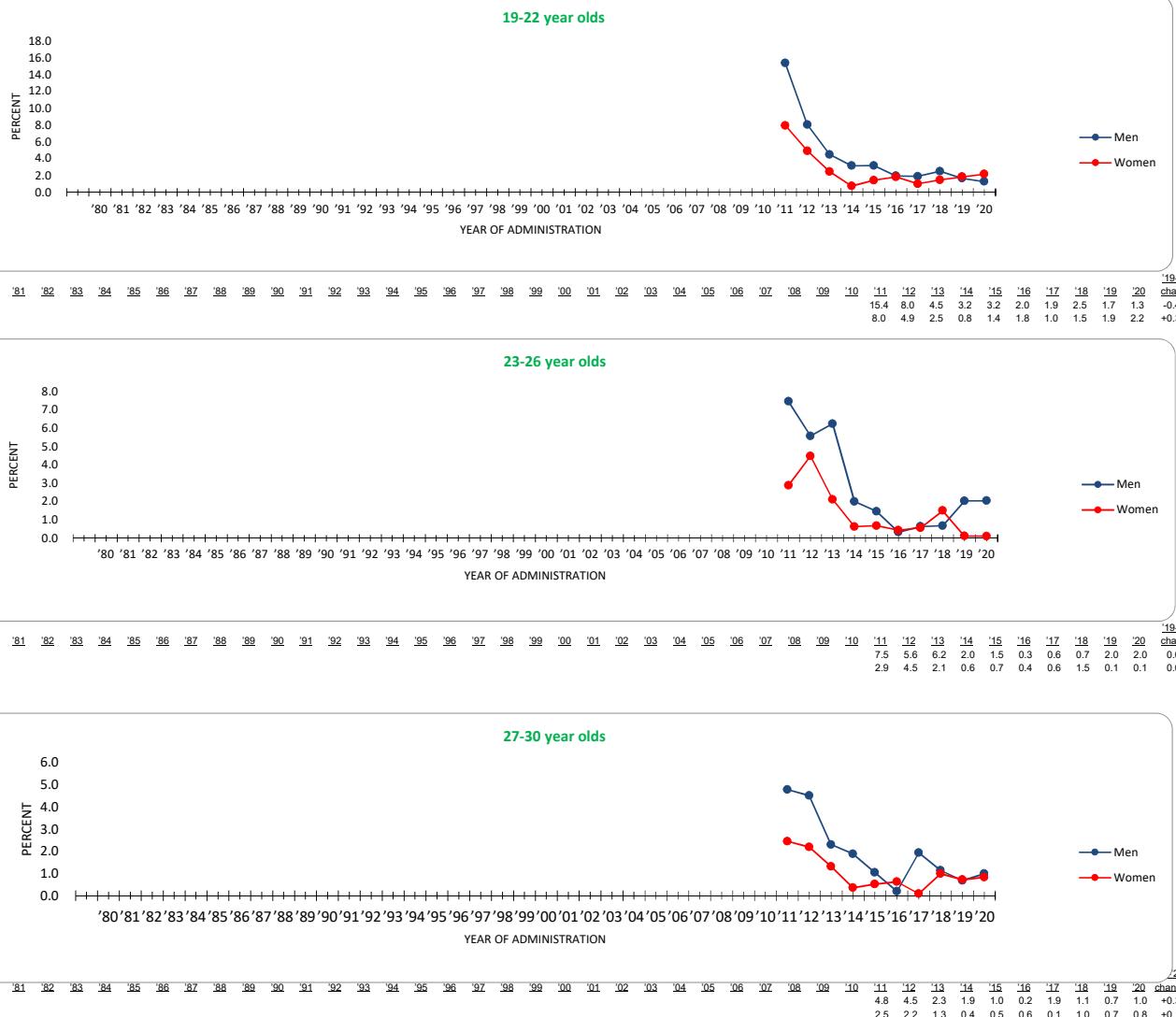


FIGURE 15
Trends in Synthetic Marijuana Use by Region (1-12 yrs. Past High School)

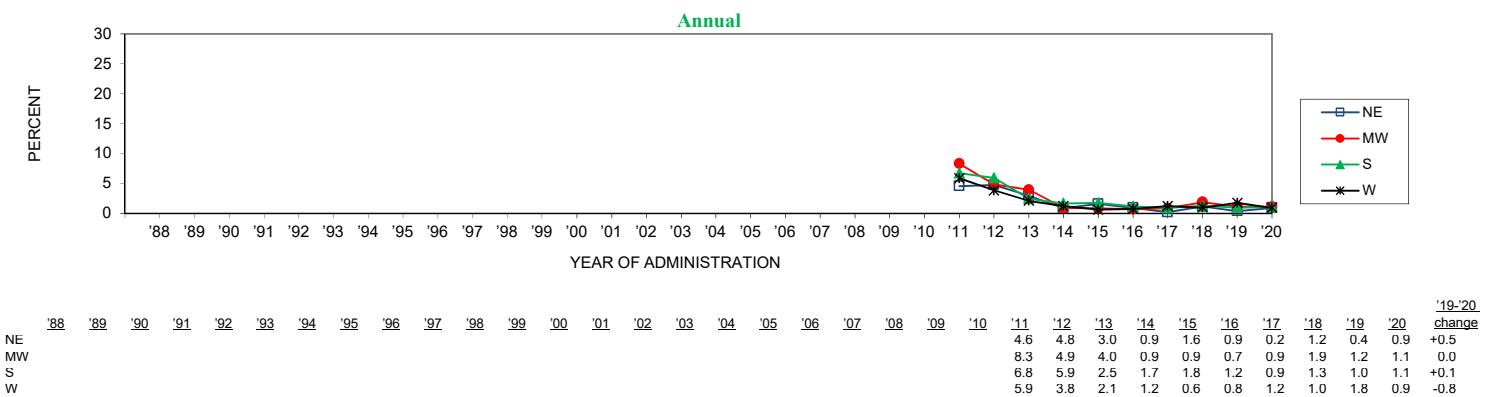


FIGURE 16
Trends in Annual Synthetic Marijuana Use by Population Density

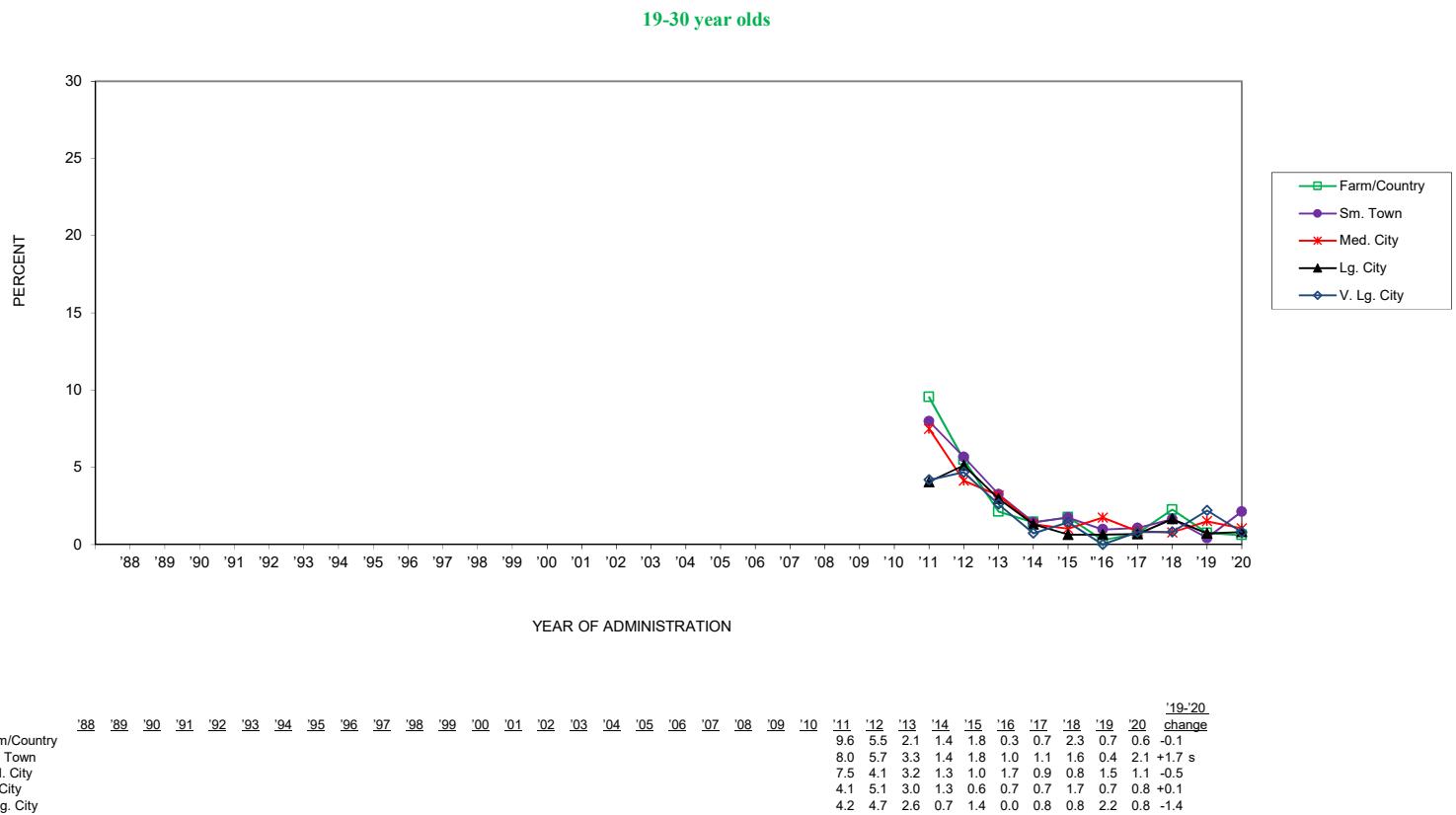


FIGURE 17
Trends in Annual Inhalant Use by Gender (4 yr. Age Groupings)

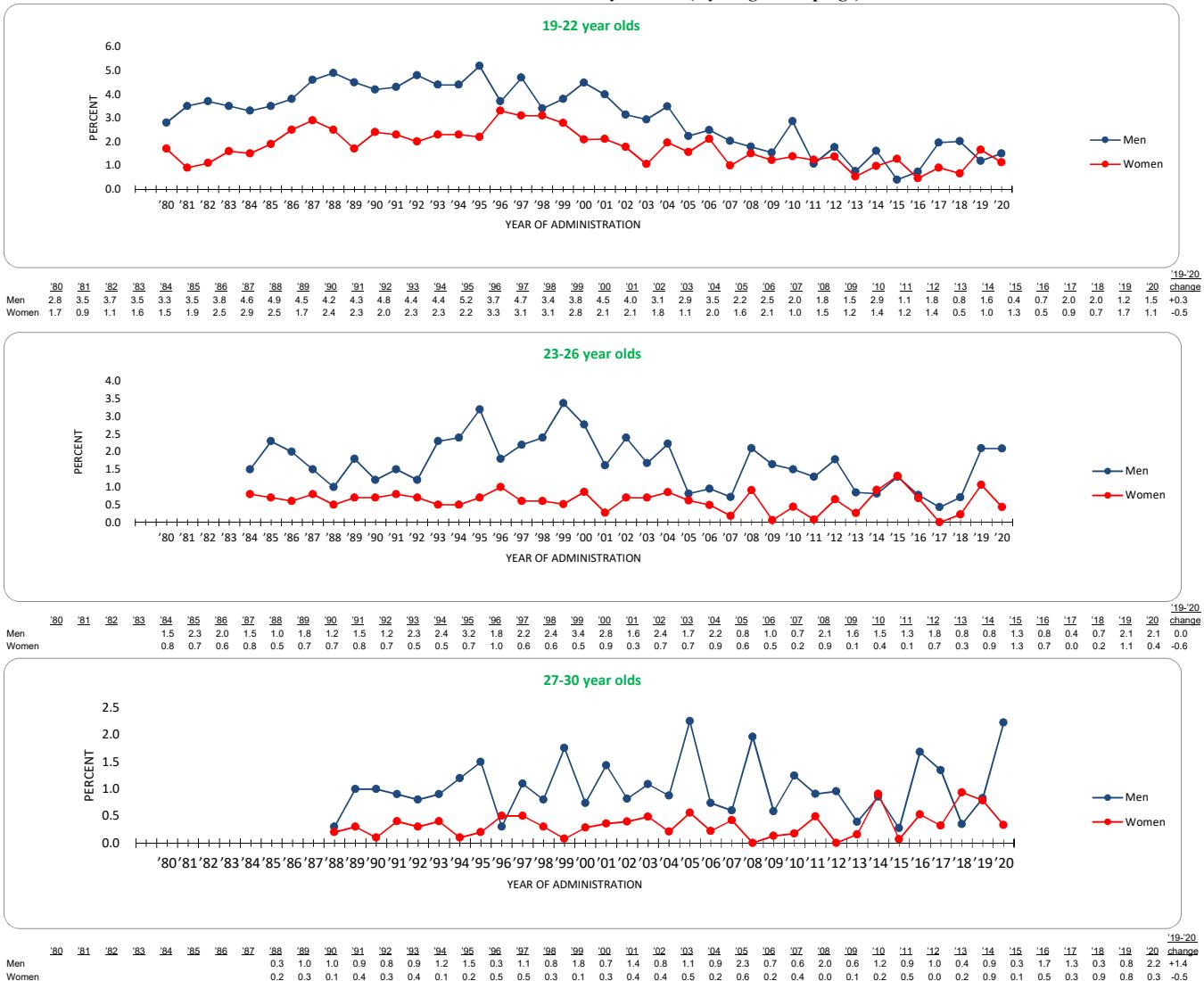


FIGURE 18
Trends in Inhalant Use by Region (1-12 yrs. Past High School)

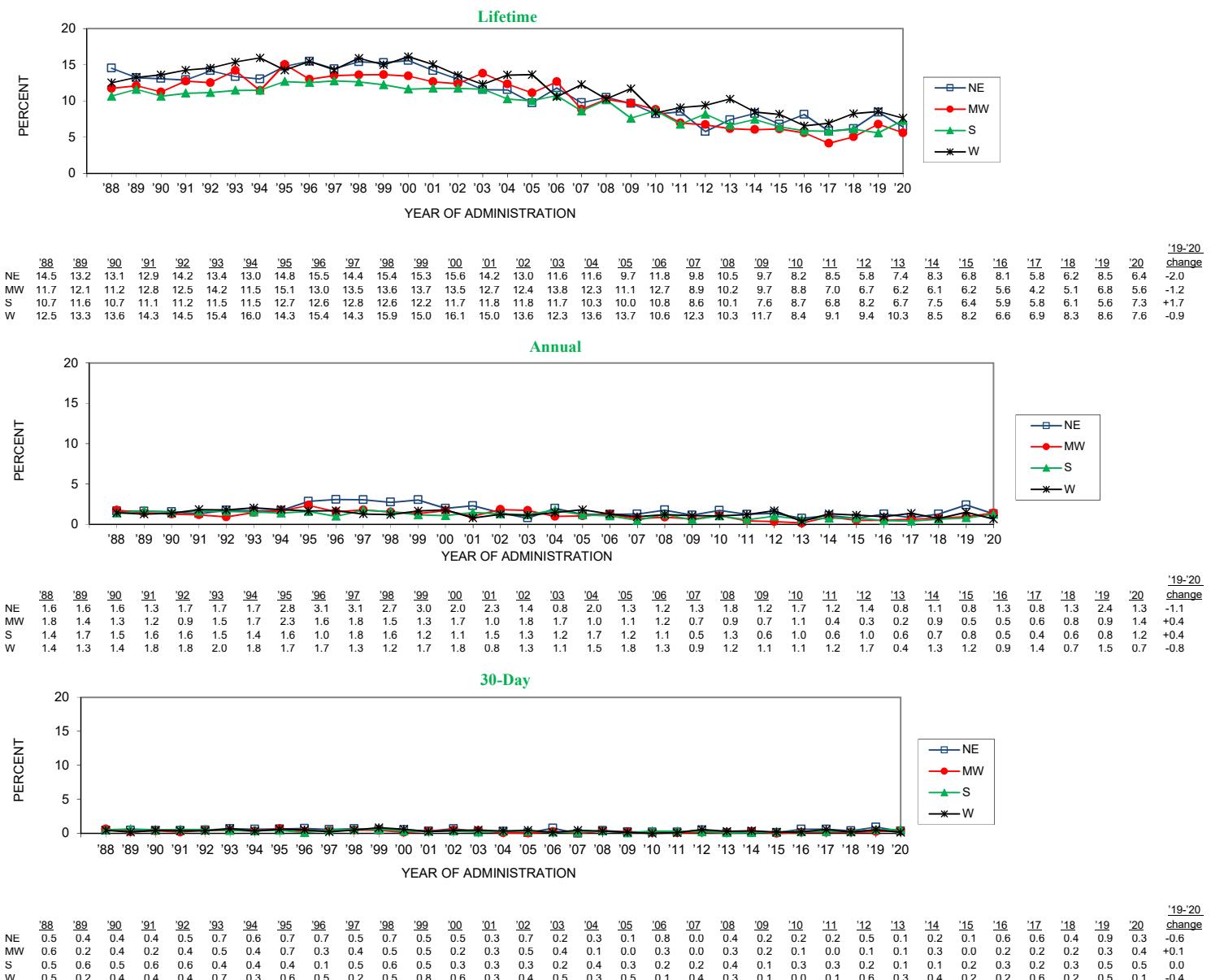
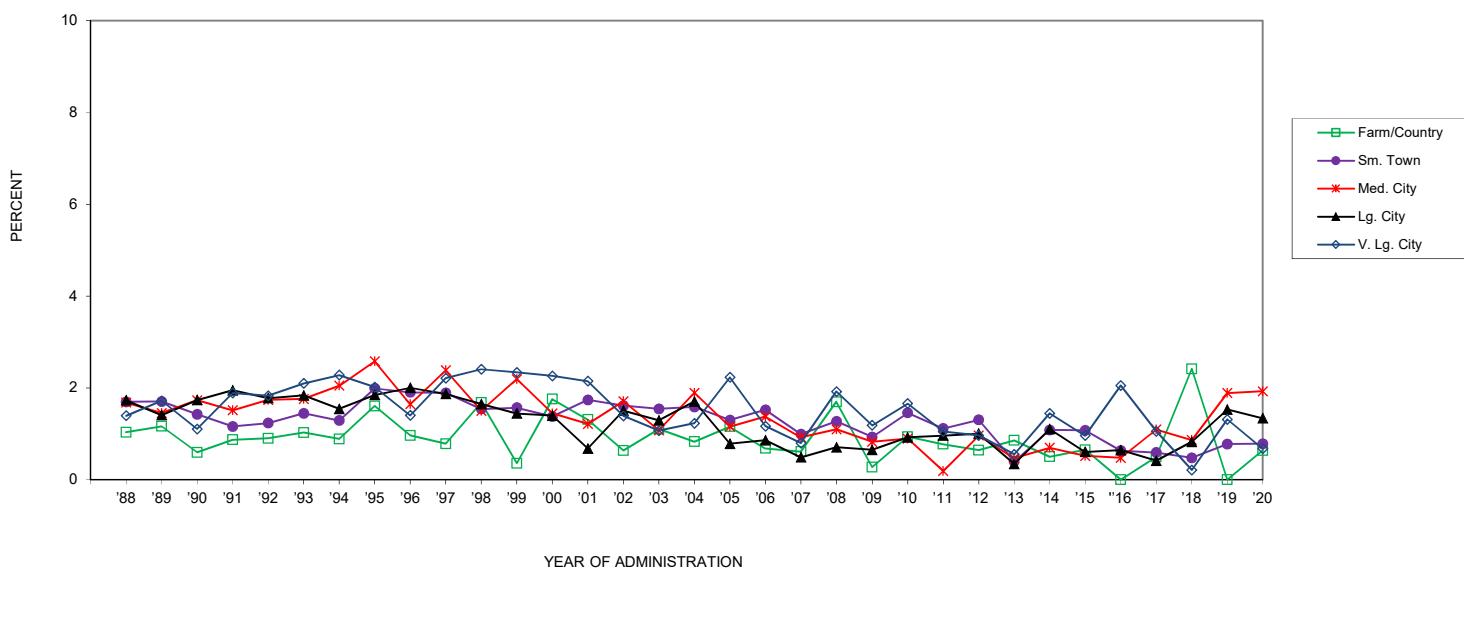


FIGURE 19
Trends in Annual Inhalant Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change	
Farm/Country	1.0	1.2	0.6	0.9	1.0	0.9	1.6	1.0	0.8	1.7	0.4	1.8	1.3	1.3	0.6	1.1	0.8	1.2	0.7	0.6	1.7	0.3	0.9	0.8	0.6	0.9	0.5	0.6	0.0	0.5	2.4	0.0	0.6	+0.6	
Sm. Town	1.7	1.7	1.4	1.2	1.2	1.4	1.3	2.0	1.9	1.9	1.5	1.6	1.4	1.7	1.6	1.5	1.6	1.3	1.5	1.0	1.3	0.9	1.5	1.1	1.3	0.4	1.1	1.1	0.6	0.6	0.5	0.8	0.8	0.0	
Med. City	1.7	1.5	1.7	1.5	1.7	1.8	2.0	2.6	1.6	2.4	1.5	2.2	1.4	1.2	1.7	1.1	1.9	1.2	1.4	0.9	1.1	0.8	0.9	0.2	1.0	0.5	0.7	0.5	0.5	1.1	0.9	1.9	1.9	0.0	
Lg. City	1.7	1.4	1.7	1.9	1.8	1.8	1.5	1.8	2.0	1.9	1.6	1.4	1.4	0.7	1.5	1.3	1.7	0.8	0.9	0.5	0.7	0.7	0.9	1.0	1.0	1.0	0.3	1.1	0.6	0.6	0.4	0.8	1.5	1.3	-0.2
V. Lg. City	1.4	1.7	1.1	1.9	1.8	2.1	2.3	2.0	1.4	2.2	2.4	2.3	2.3	2.1	1.4	1.1	1.2	2.2	1.2	0.8	1.9	1.2	1.7	1.0	1.0	0.6	1.4	1.0	2.1	1.1	0.2	1.3	0.7	-0.6	

FIGURE 20
Trends in Hallucinogen Use by Region (1-12 yrs. Past High School)

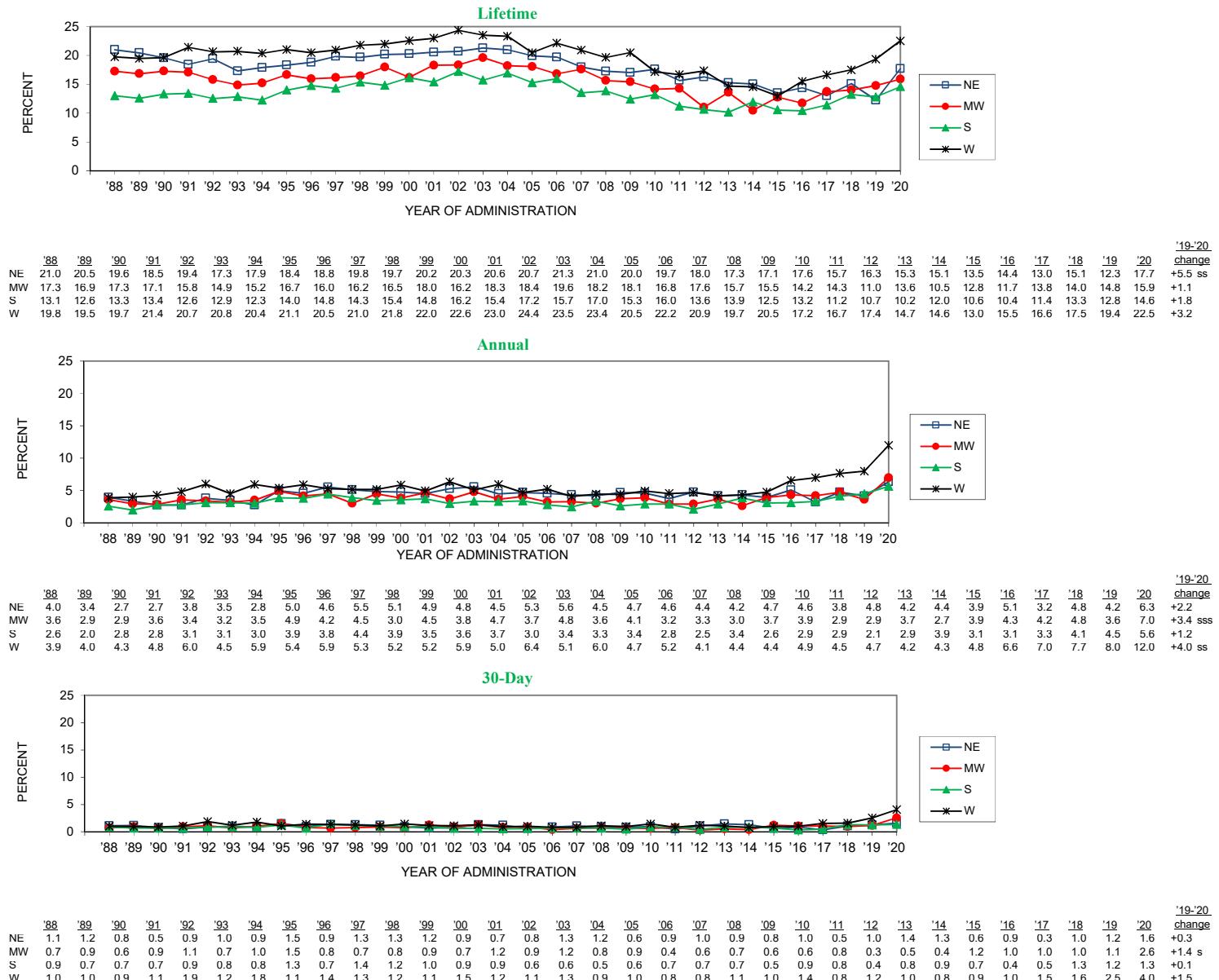
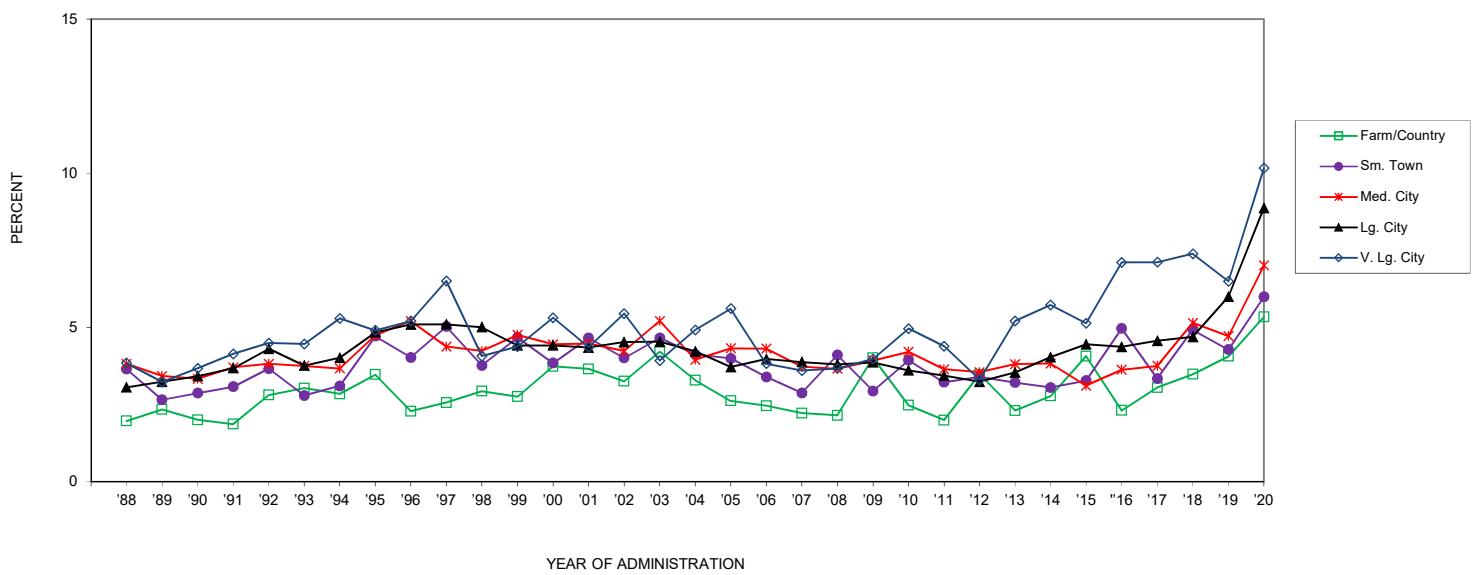


FIGURE 21
Trends in Annual Hallucinogen Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20	change
Farm/Country	2.0	2.3	2.0	1.9	2.8	3.0	2.8	3.5	2.3	2.6	2.9	2.8	3.7	3.7	3.3	4.2	3.3	2.6	2.5	2.2	2.2	4.0	2.5	2.0	3.5	2.3	2.8	4.1	2.3	3.1	3.5	4.1	5.3	+1.3	
Sm. Town	3.7	2.7	2.9	3.1	3.7	2.8	3.1	4.7	4.0	5.0	3.8	4.7	3.8	4.7	4.0	4.7	4.1	4.0	3.4	2.9	4.1	2.9	3.9	3.2	3.4	3.2	3.1	3.3	5.0	3.3	4.9	4.3	6.0	+1.7	
Med. City	3.8	3.4	3.3	3.7	3.8	3.8	3.7	4.7	5.2	4.4	4.2	4.8	4.5	4.5	4.2	5.2	4.0	4.3	4.3	3.7	3.7	3.9	4.2	3.6	3.6	3.8	3.8	3.1	3.6	3.8	5.2	4.7	7.0	+2.3 s	
Lg. City	3.1	3.2	3.4	3.7	4.3	3.8	4.0	4.8	5.1	5.1	5.0	4.4	4.4	4.3	4.5	4.5	4.5	4.2	3.7	4.0	3.9	3.8	3.9	3.6	3.4	3.2	3.5	4.0	4.5	4.4	4.6	4.7	6.0	8.9	+2.9 s
V. Lg. City	3.8	3.2	3.7	4.1	4.5	4.5	5.3	4.9	5.2	6.5	4.1	4.4	5.3	4.4	5.5	3.9	4.9	5.6	3.8	3.6	3.7	4.0	5.0	4.4	3.3	5.2	5.7	5.1	7.1	7.1	7.4	6.5	10.2	+3.7 s	

FIGURE 22
Trends in Annual LSD Use by Gender (4 yr. Age Groupings)

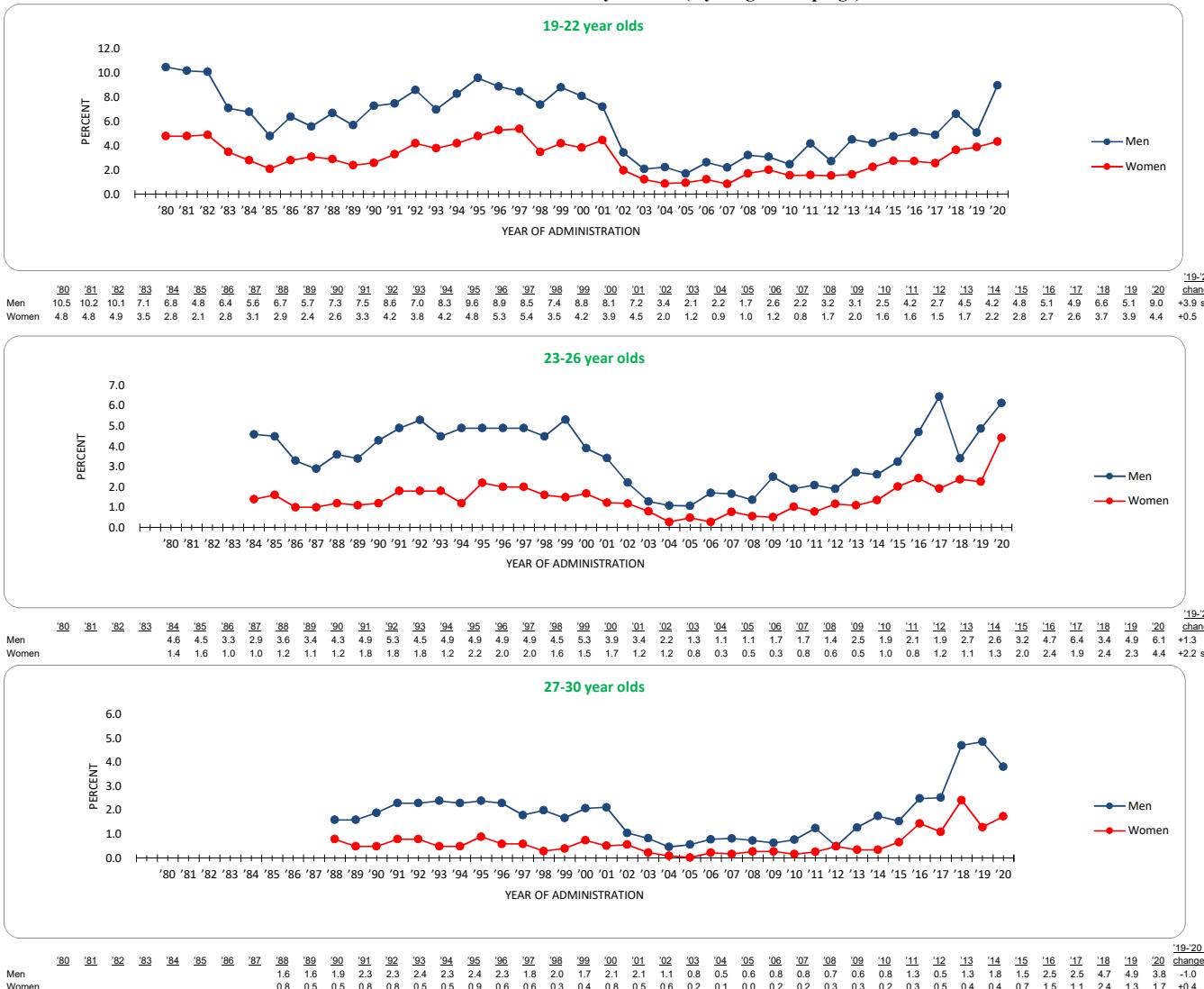


FIGURE 23
Trends in LSD Use by Region (1-12 yrs. Past High School)

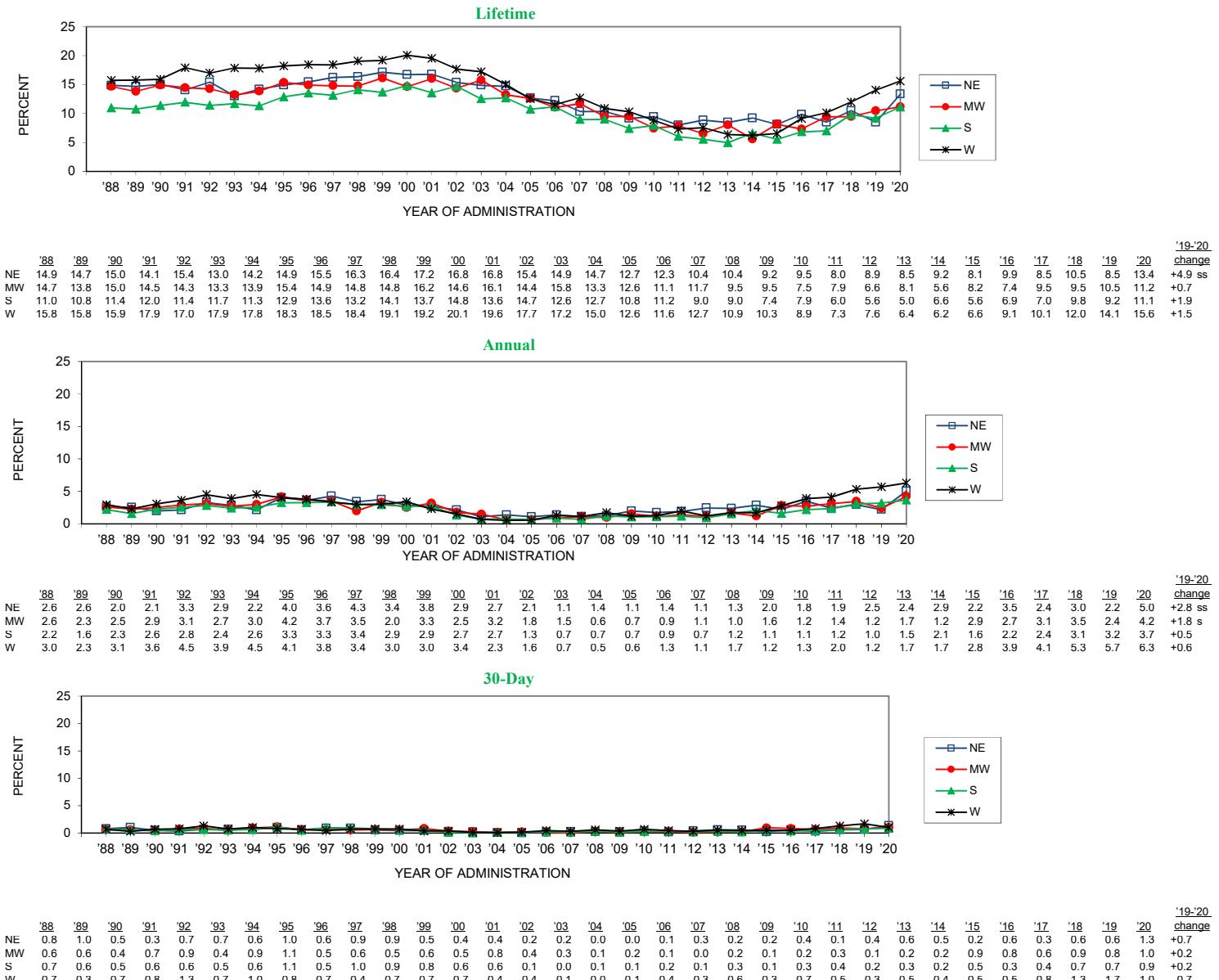
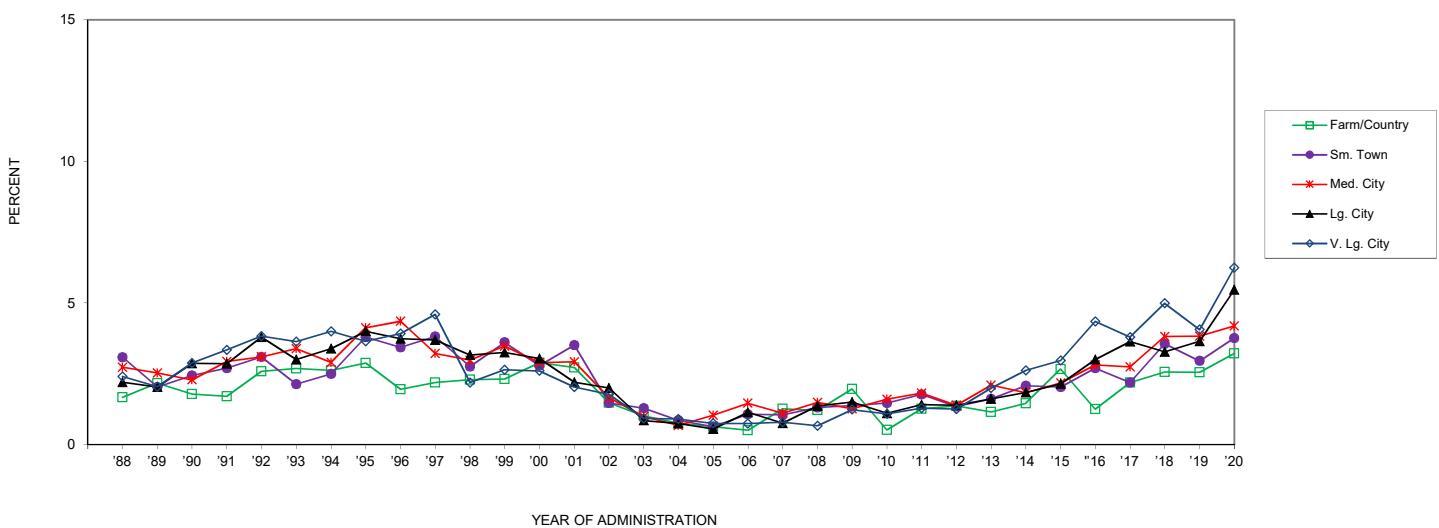


FIGURE 24
Trends in Annual LSD Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	1.7	2.2	1.8	1.7	2.6	2.7	2.6	2.9	2.0	2.2	2.3	2.3	2.9	2.7	1.5	1.0	0.8	0.6	0.5	1.3	1.2	0.5	1.3	1.4	1.2	1.5	2.7	1.3	2.2	2.6	3.2	+0.7		
Sm. Town	3.1	2.0	2.4	2.7	3.1	2.1	2.5	3.8	3.4	3.8	2.8	3.6	2.8	3.5	1.5	1.3	0.9	0.6	1.1	1.0	1.3	1.4	1.5	1.8	1.3	1.6	2.1	2.0	2.2	3.6	3.0	3.8	+0.4	
Med. City	2.7	2.5	2.3	2.9	3.1	3.4	2.9	4.1	4.4	3.2	3.0	3.5	2.9	2.9	1.7	1.0	0.7	1.0	1.5	1.1	1.1	1.5	1.3	1.6	1.8	1.4	2.1	2.2	2.7	3.8	3.8	4.2	+0.4	
Lg. City	2.2	2.0	2.9	2.9	3.8	3.0	3.4	4.0	3.7	3.7	3.2	3.3	3.0	2.2	2.0	0.9	0.7	0.6	1.1	0.8	1.4	1.5	1.1	1.4	1.4	1.6	1.8	2.1	3.0	3.6	3.3	3.6	+1.8	
V. Lg. City	2.4	2.0	2.9	3.3	3.8	3.6	4.0	3.7	3.9	4.6	2.2	2.6	2.6	2.0	1.8	0.9	0.9	0.8	0.7	0.8	0.7	1.2	1.1	1.3	1.3	2.0	2.6	3.0	4.3	3.8	5.0	4.1	6.2	+2.2

FIGURE 25
Trends in Annual Hallucinogens Other Than LSD Use by Gender (4 yr. Age Groupings)

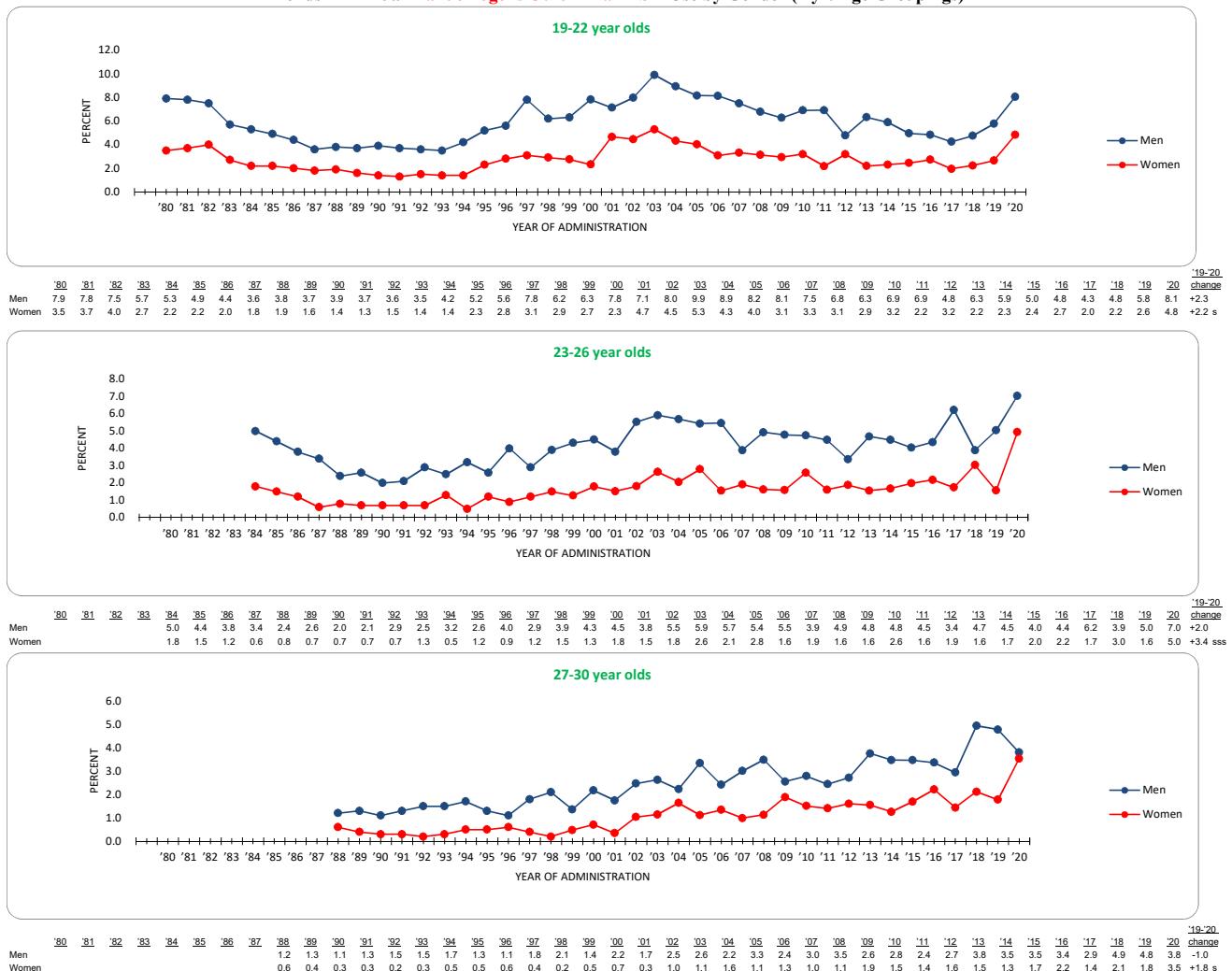


FIGURE 26
Trends in Hallucinogens Other Than LSD Use by Region (1-12 yrs. Past High School)

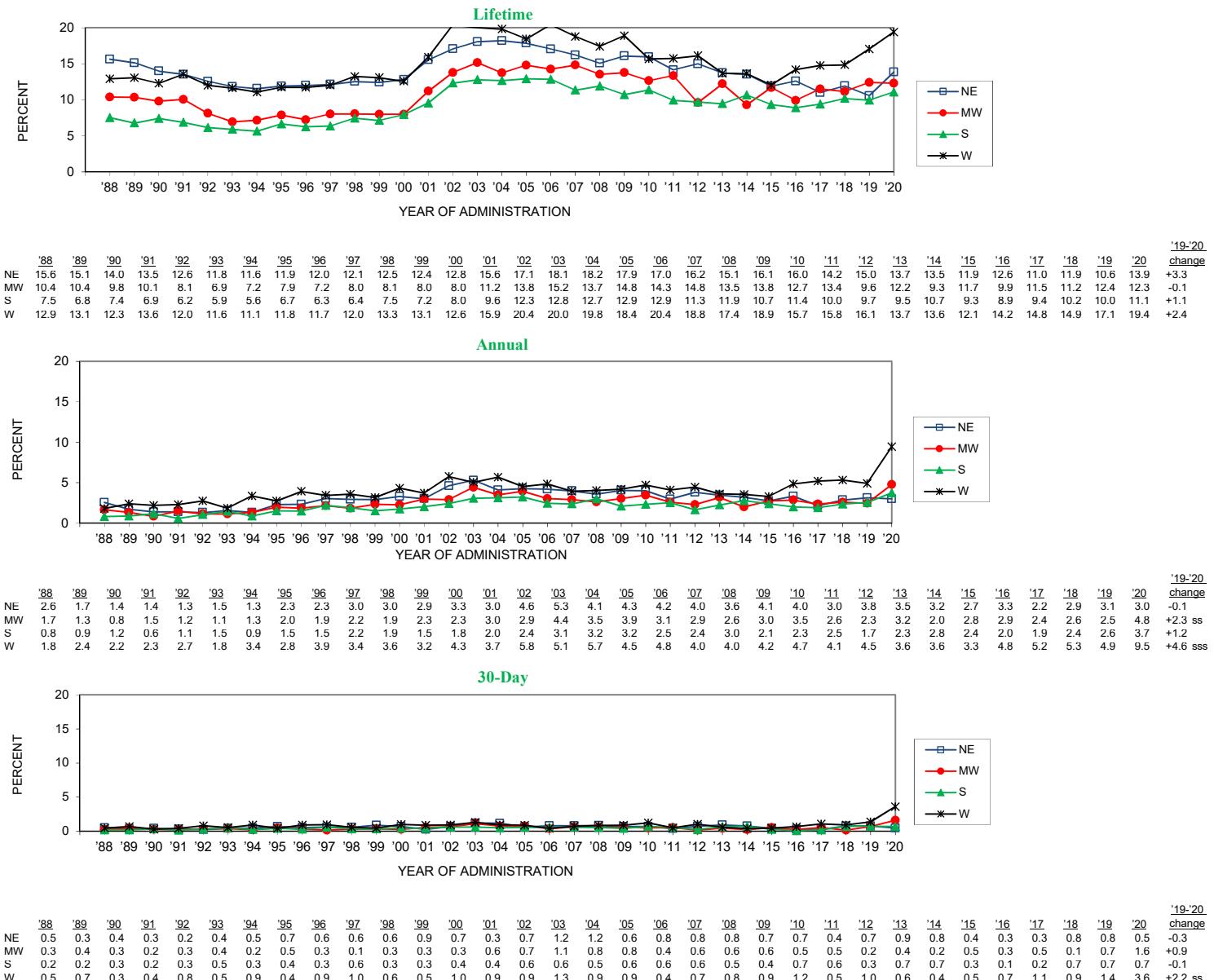
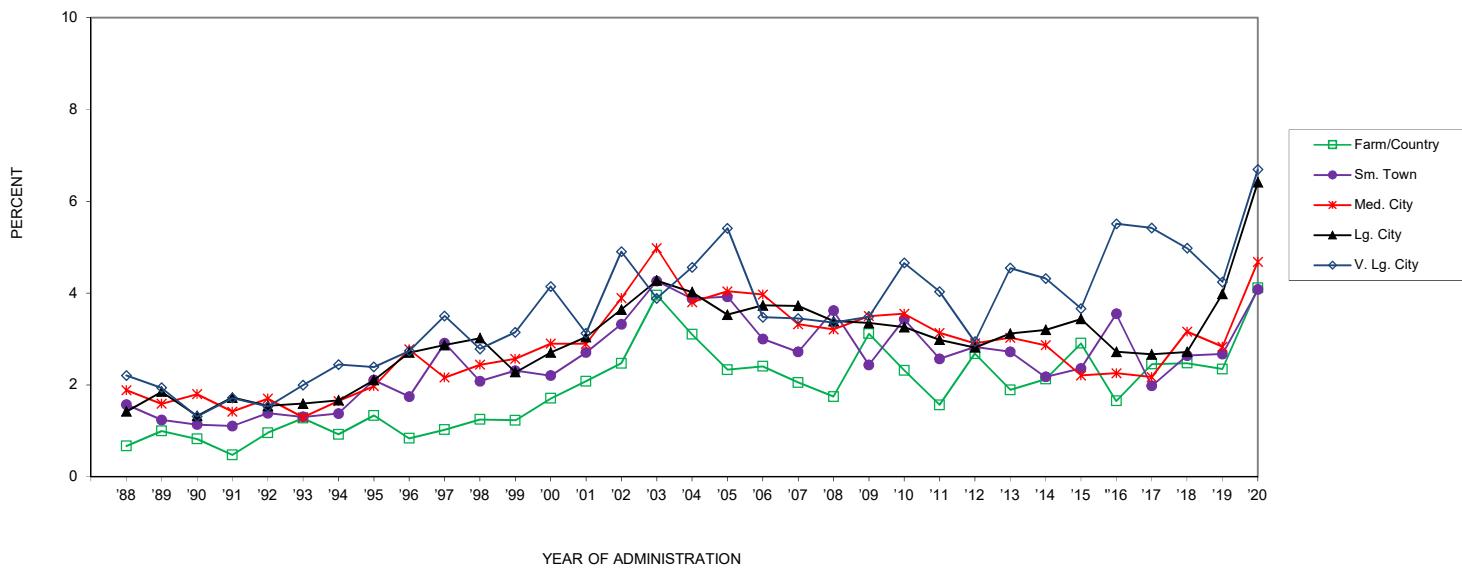


FIGURE 27
Trends in Annual Hallucinogen Other Than LSD Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20	change
Farm/Country	0.7	1.0	0.8	0.5	1.0	1.3	0.9	1.3	0.8	1.0	1.2	1.2	1.7	2.1	2.5	4.0	3.1	2.3	2.4	2.1	1.7	3.1	2.3	1.6	2.7	1.9	2.1	2.9	1.7	2.5	2.5	2.3	4.1	+1.8	
Sm. Town	1.6	1.2	1.1	1.1	1.4	1.3	1.4	2.1	1.7	2.9	2.1	2.3	2.2	2.7	3.3	4.3	3.9	3.9	3.0	2.7	3.6	2.4	3.4	2.6	2.8	2.7	2.2	2.4	3.5	2.0	2.6	2.7	4.1	+1.4	
Med. City	1.9	1.6	1.8	1.4	1.7	1.3	1.6	2.0	2.8	2.2	2.4	2.6	2.9	2.9	3.9	5.0	3.8	4.0	4.0	3.3	3.2	3.5	3.5	3.1	2.9	3.0	2.9	2.2	2.3	2.2	3.2	2.8	4.7	+1.8 s	
Lg. City	1.4	1.9	1.3	1.7	1.5	1.6	1.7	2.1	2.7	2.9	3.0	2.3	2.7	3.0	3.6	4.3	4.0	3.5	3.7	3.7	3.4	3.3	3.3	3.0	2.8	3.1	3.2	3.4	2.7	2.7	2.7	4.0	6.4	+2.4 s	
V. Lg. City	2.2	1.9	1.3	1.7	1.5	2.0	2.4	2.4	2.7	3.5	2.8	3.1	4.1	3.1	4.9	3.9	4.6	5.4	3.5	3.4	3.4	3.5	4.7	4.0	2.9	4.5	4.3	3.7	5.5	5.4	5.0	4.2	6.7	+2.4	

FIGURE 28
Trends in Annual MDMA (Ecstasy, Molly) Use by Gender (4 yr. Age Groupings)

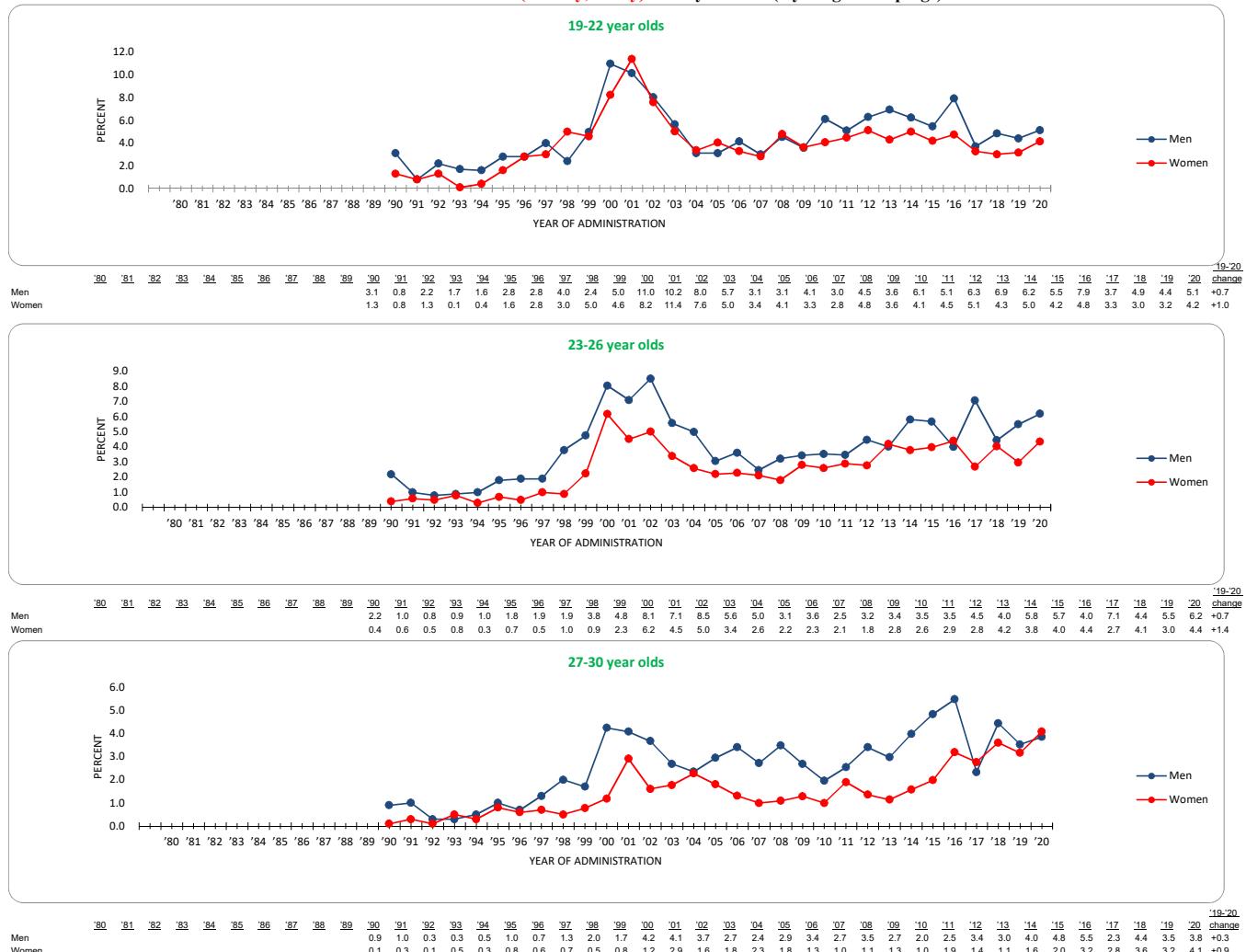


FIGURE 29
Trends in MDMA (Ecstasy, Molly) Use by Region (1-12 yrs. Past High School)

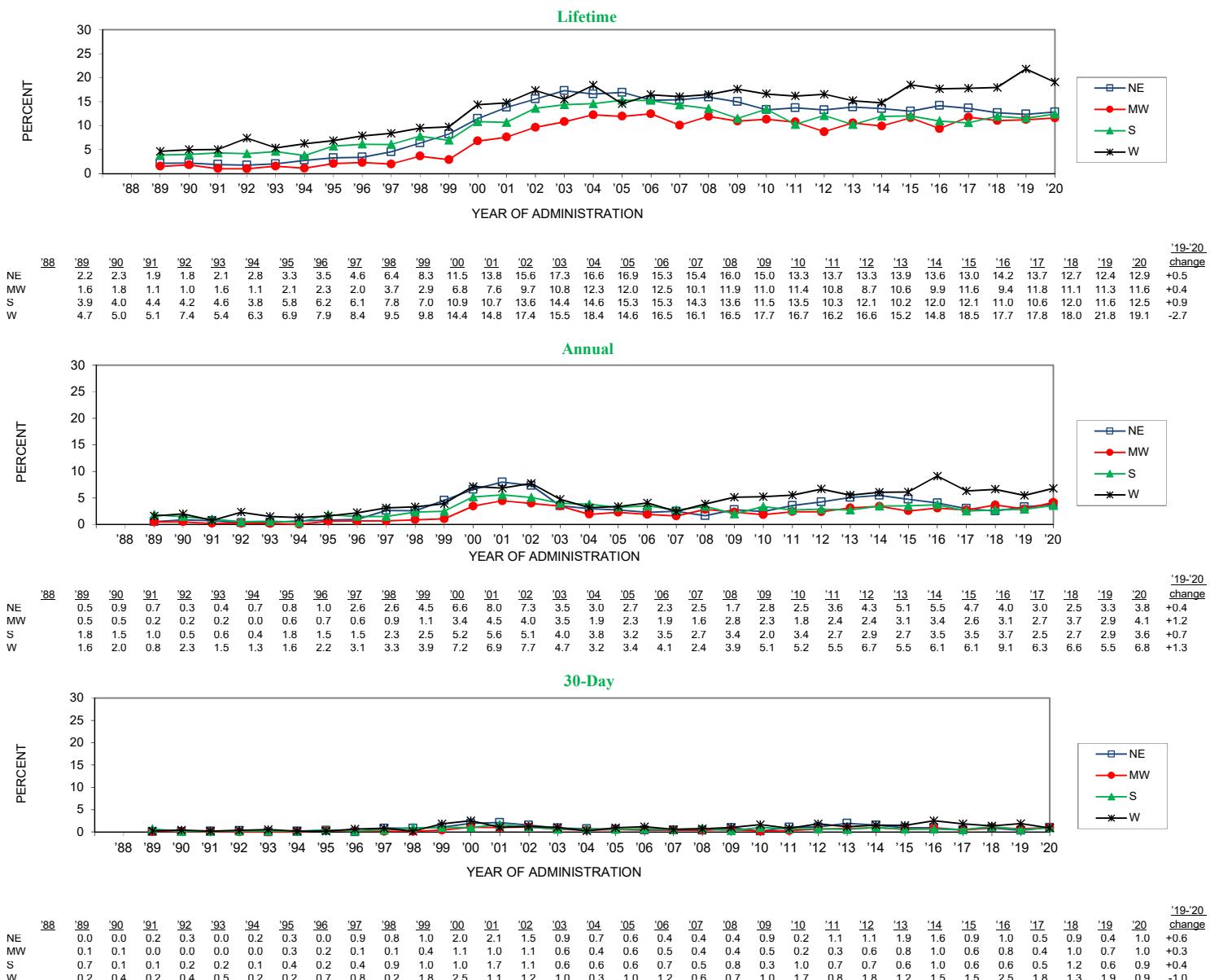
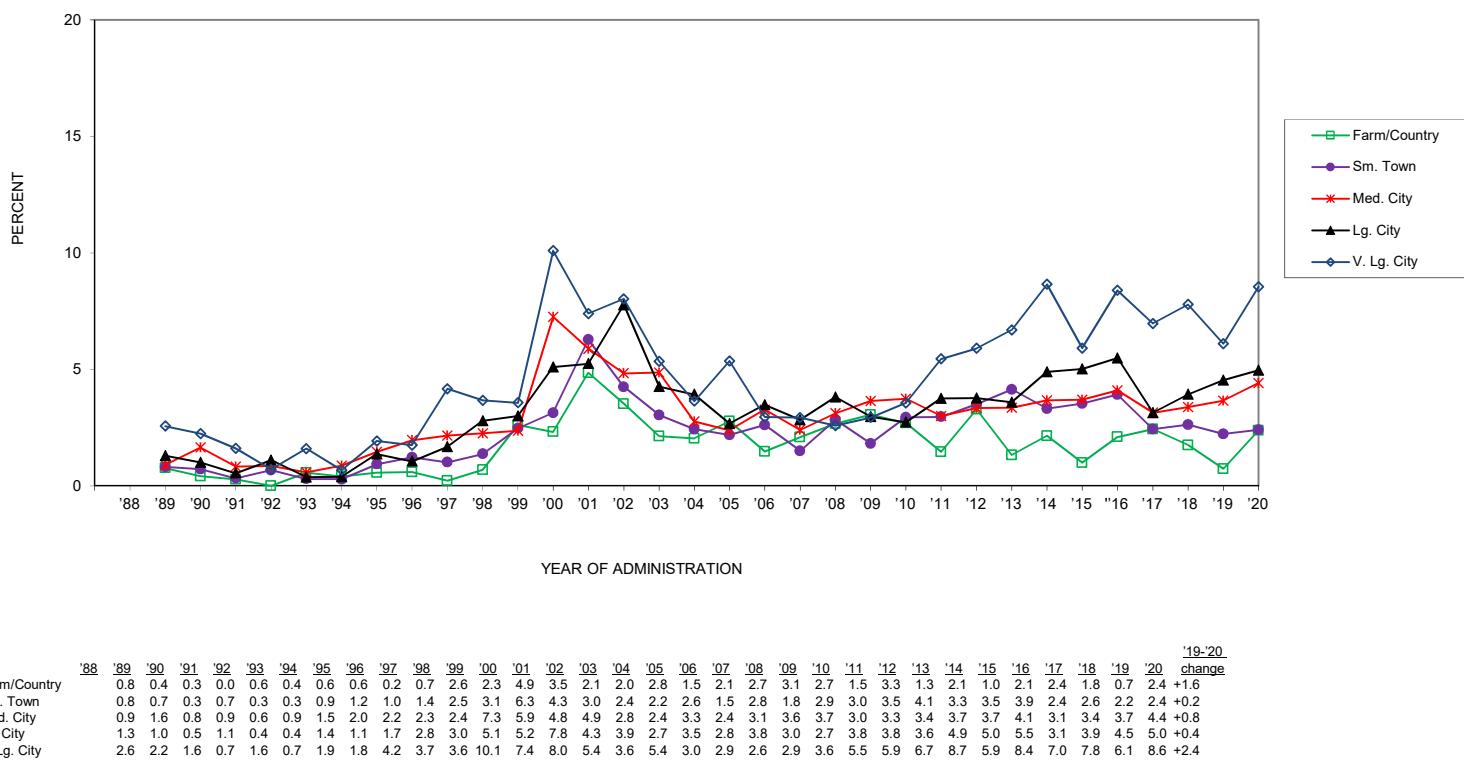


FIGURE 30
Trends in Annual MDMA (Ecstasy, Molly) Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	0.8	0.4	0.3	0.0	0.6	0.4	0.6	0.6	0.2	0.7	2.6	2.3	4.9	3.5	2.1	2.0	2.8	1.5	2.1	2.7	3.1	2.7	1.5	3.3	1.3	2.1	1.0	2.1	2.4	1.8	0.7	2.4	+1.6	
Sm. Town	0.8	0.7	0.3	0.7	0.3	0.3	0.9	1.2	1.0	1.4	2.5	3.1	6.3	4.3	3.0	2.4	2.2	2.6	1.5	2.8	1.8	2.9	3.0	3.5	4.1	3.3	3.5	3.9	2.4	2.6	2.2	2.4	+0.2	
Med. City	0.9	1.6	0.8	0.9	0.6	0.9	1.5	2.0	2.2	2.3	2.4	7.3	5.9	4.8	4.9	2.8	2.4	3.3	2.4	3.1	3.6	3.7	3.0	3.3	3.4	3.7	3.7	4.1	3.1	3.4	3.7	4.4	+0.8	
Lg. City	1.3	1.0	0.5	1.1	0.4	0.4	1.4	1.1	1.7	2.8	3.0	5.1	5.2	7.8	4.3	3.9	2.7	3.5	2.8	3.8	3.0	2.7	3.8	3.8	3.6	4.9	5.0	5.5	3.1	3.3	4.5	5.0	+0.4	
V. Lg. City	2.6	2.2	1.6	0.7	1.6	0.7	1.9	1.8	4.2	3.7	3.6	10.1	7.4	8.0	5.4	3.6	5.4	3.0	2.9	2.6	2.9	3.6	5.5	5.9	6.7	8.7	5.9	8.4	7.0	7.8	6.1	8.6	+2.4	

FIGURE 31
Trends in Annual *Salvia* Use by Gender (4 yr. Age Groupings)

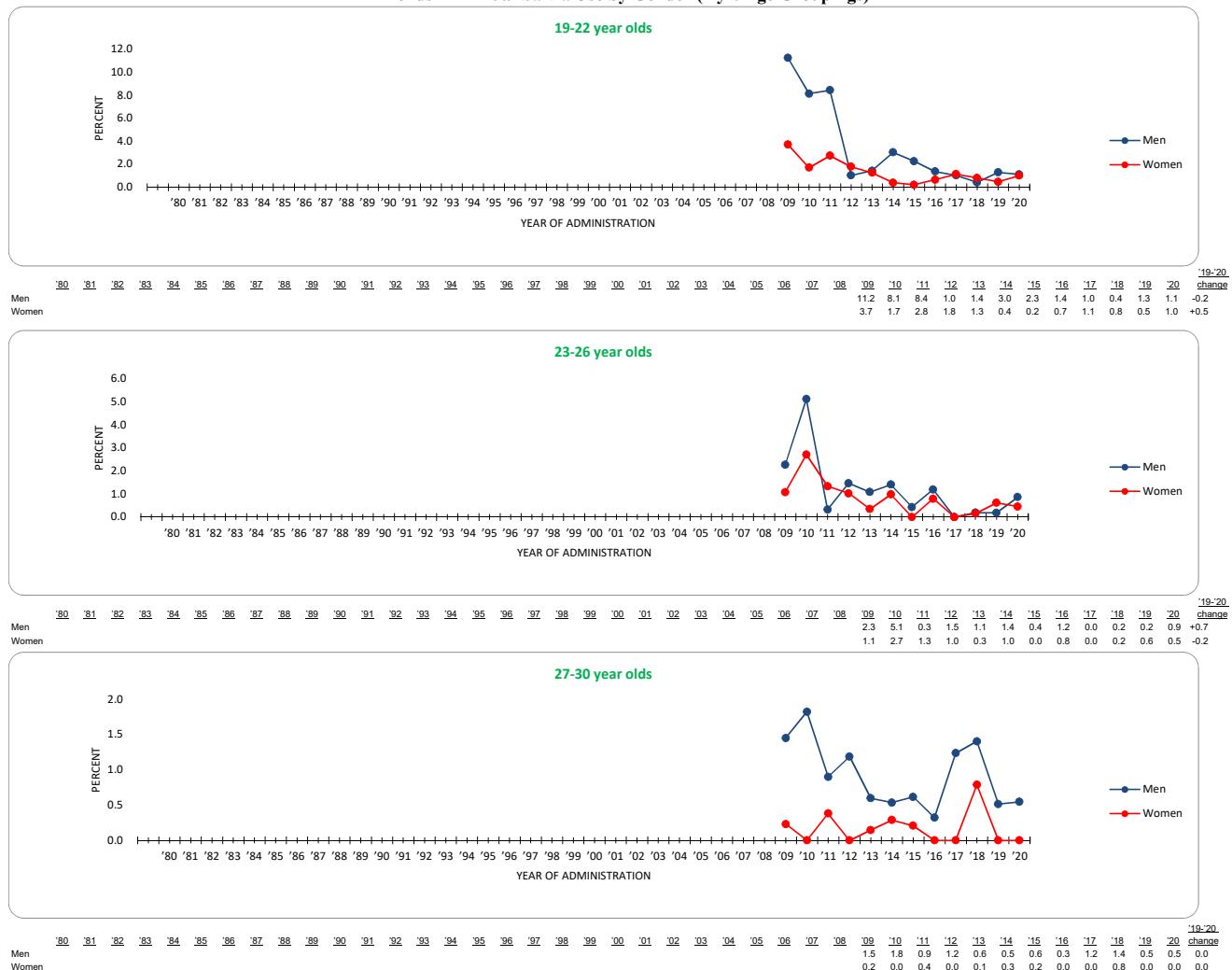


FIGURE 32
Trends in Salvia Use by Region (1-12 yrs. Past High School)

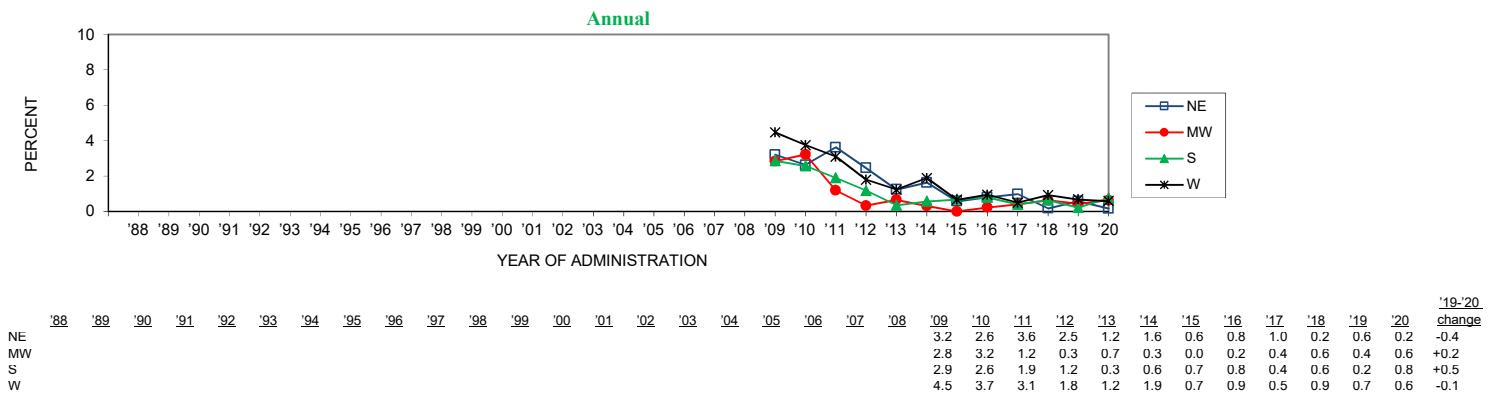


FIGURE 33
Trends in Annual Salvia Use by Population Density

19-30 year olds

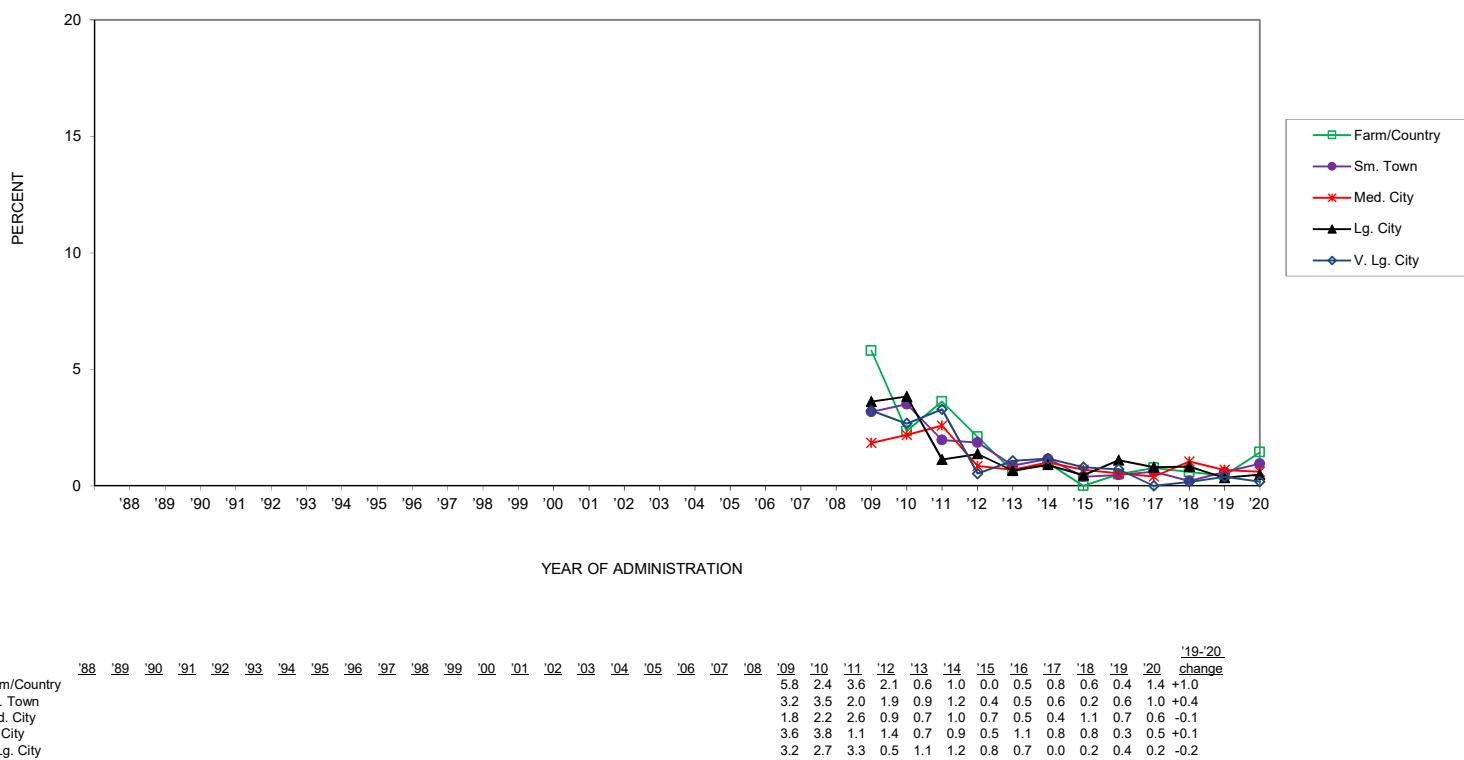


FIGURE 34
Trends in Annual Cocaine Use by Gender (4 yr. Age Groupings)

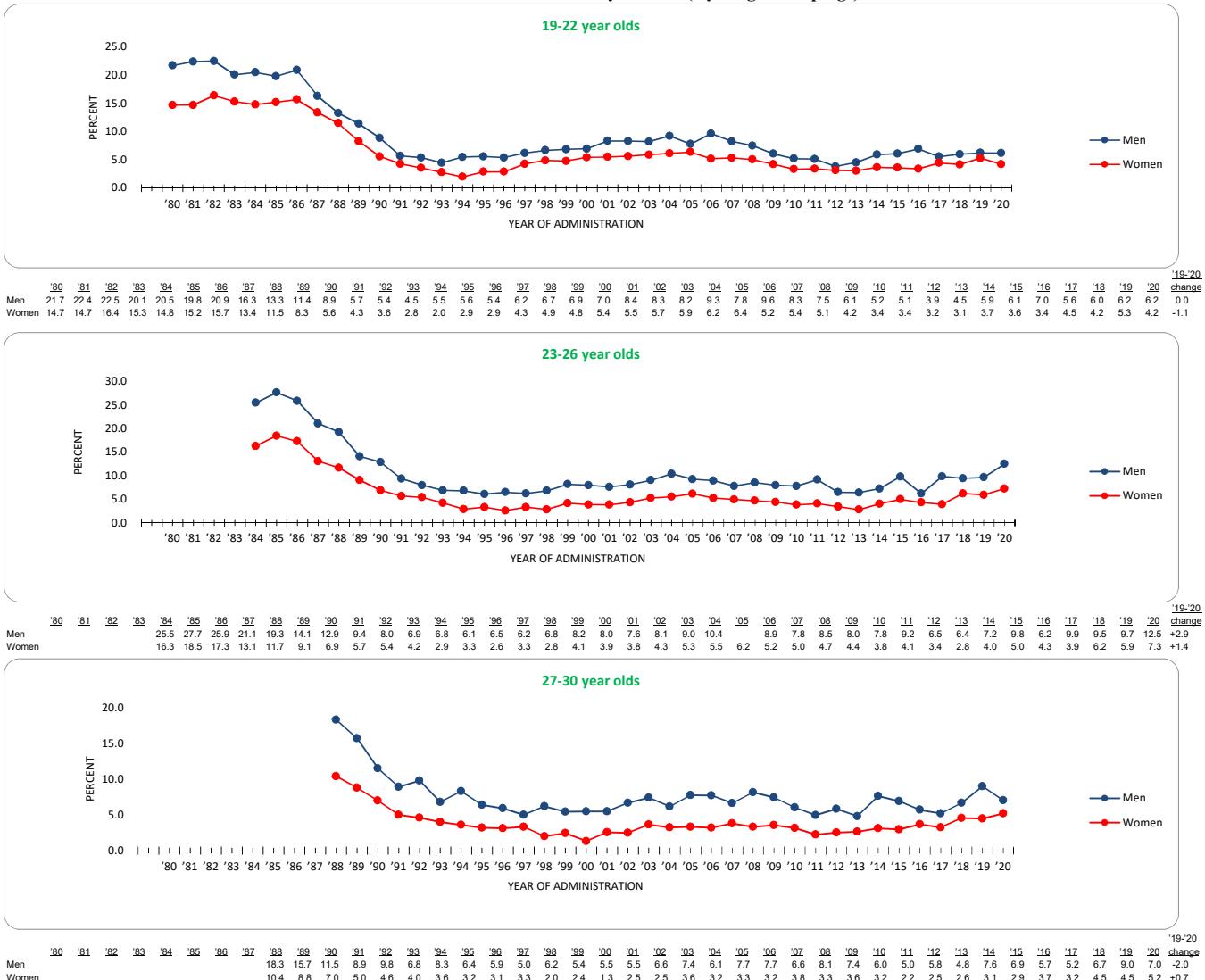


FIGURE 35
Trends in Cocaine Use by Region (1-12 yrs. Past High School)

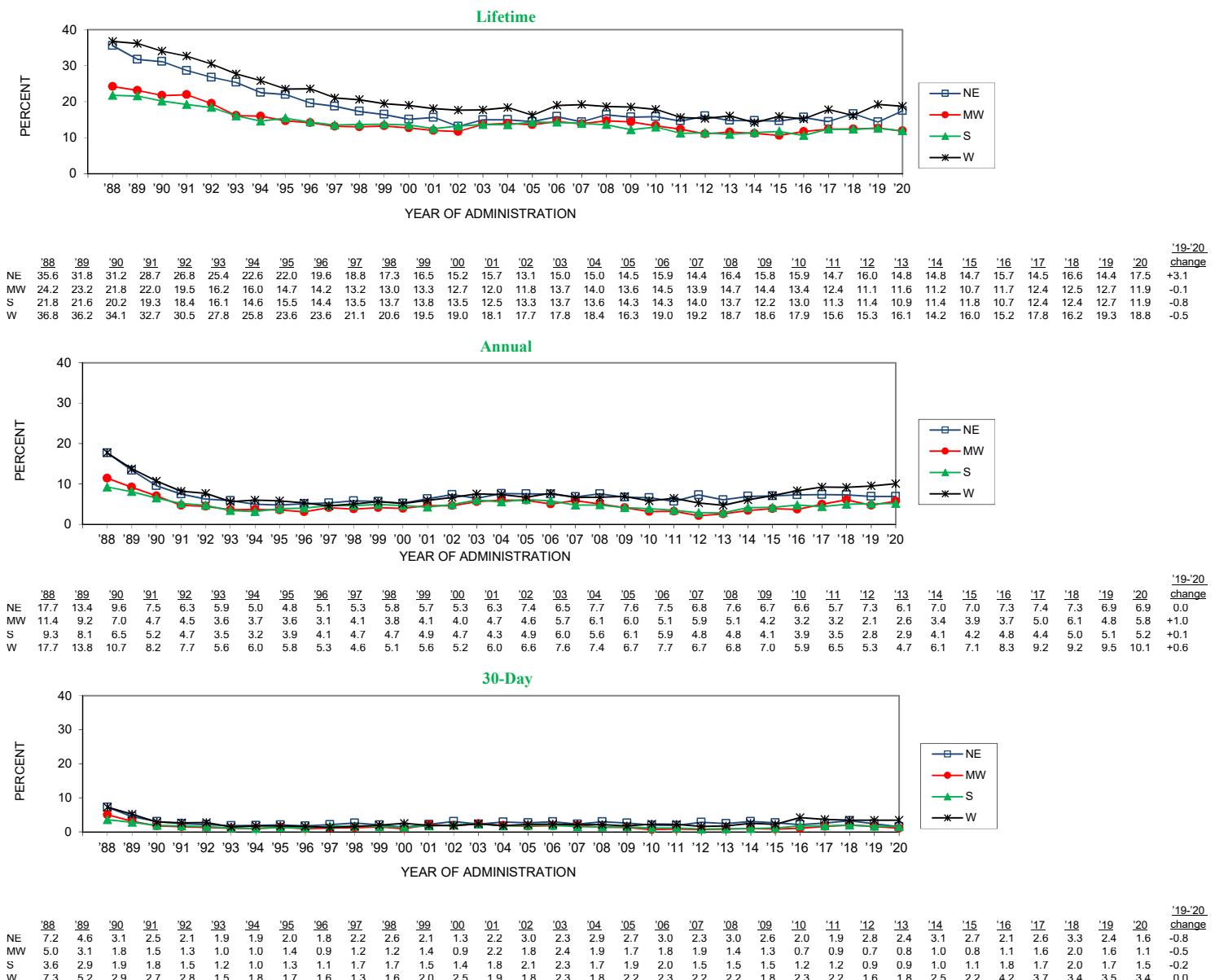
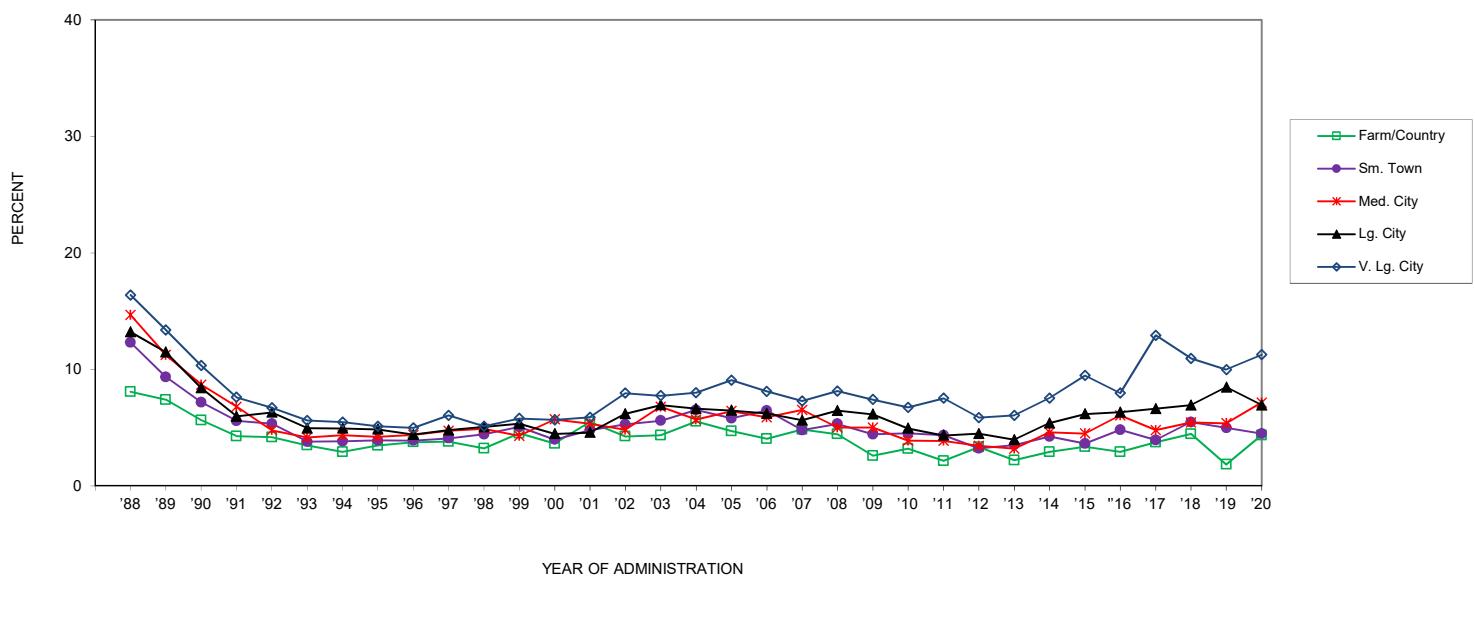


FIGURE 36
Trends in Annual Cocaine Use by Population Density

19-30 year olds



	'19-'20																				change													
	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	
Farm/Country	8.1	7.4	5.6	4.3	4.2	3.5	2.9	3.5	3.8	3.8	3.2	4.5	3.6	5.5	4.3	4.4	5.5	4.7	4.1	4.9	4.4	2.6	3.2	3.3	2.2	2.9	3.4	3.8	4.5	1.8	4.3	+2.5	5	
Sm. Town	12.3	9.4	7.2	5.6	5.3	3.8	3.8	3.9	3.9	4.1	4.4	5.1	4.0	4.8	5.3	5.6	6.5	5.8	6.5	4.8	5.3	4.4	4.5	4.4	3.2	3.5	4.2	3.6	4.8	3.9	5.5	5.0	4.5	-0.5
Med. City	14.7	11.3	8.7	6.8	4.8	4.2	4.2	4.3	4.2	4.4	4.7	4.9	4.3	5.7	5.3	4.8	6.8	5.7	6.4	5.9	6.5	5.0	3.9	3.9	3.4	3.2	4.6	4.5	6.1	4.8	5.5	5.4	7.1	+1.8
Lg. City	13.2	11.5	8.4	6.6	6.3	5.0	4.9	4.9	4.4	4.8	5.1	5.3	4.5	4.6	6.2	7.0	6.6	6.5	6.2	5.6	6.5	6.2	6.2	4.9	4.3	4.5	4.0	5.4	6.2	6.3	6.6	8.5	6.9	-1.5
V. Lg. City	16.4	13.4	10.3	7.6	6.7	5.6	5.5	5.1	5.0	6.0	5.1	5.8	5.7	5.9	8.0	7.7	8.0	9.1	8.1	7.3	8.1	7.4	6.7	7.5	5.9	6.0	7.5	9.5	8.0	12.9	10.9	10.0	11.3	+1.3

FIGURE 37
Trends in Annual Crack Cocaine Use by Gender (4 yr. Age Groupings)

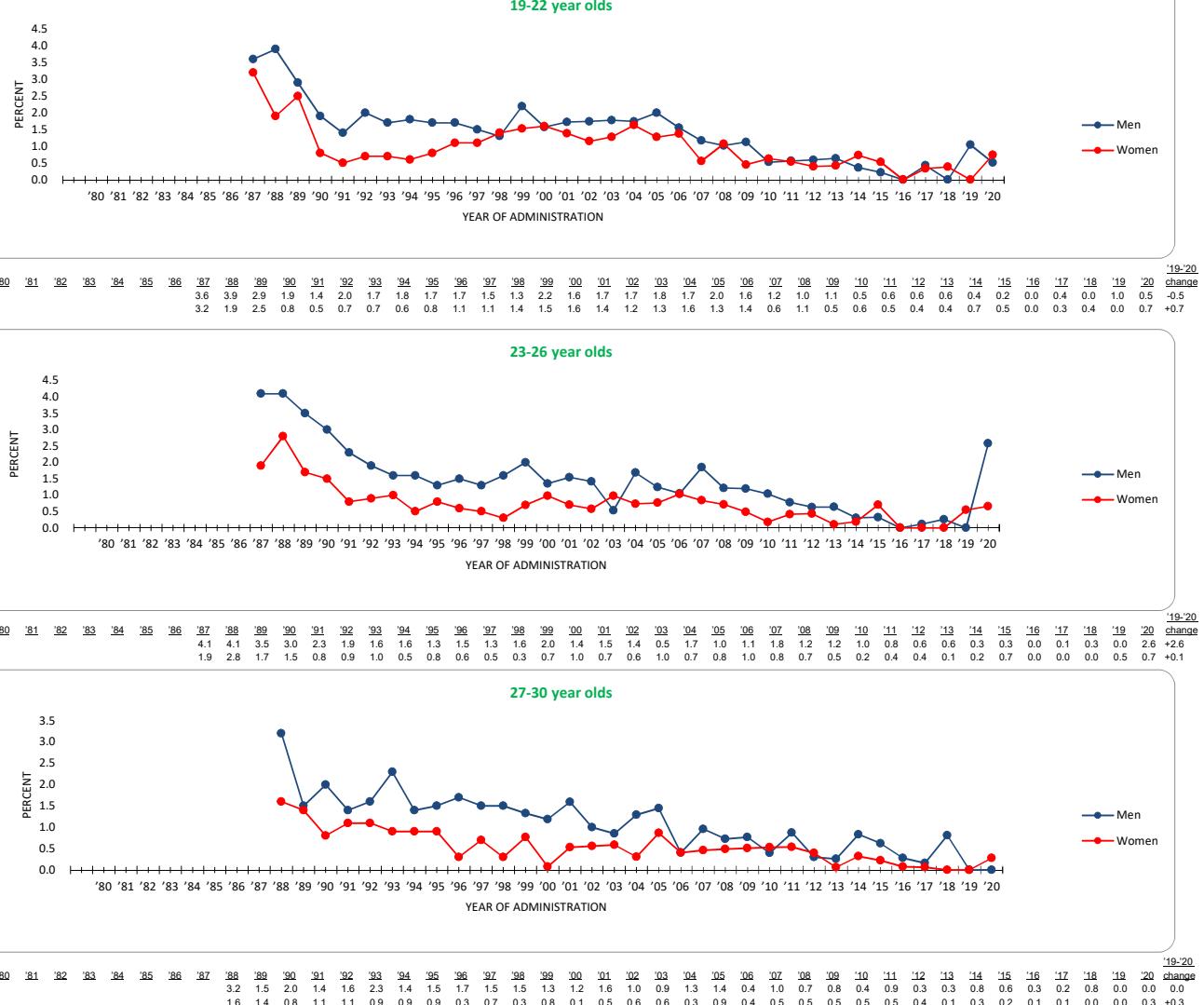


FIGURE 38
Trends in Crack Cocaine Use by Region (1-12 yrs. Past High School)

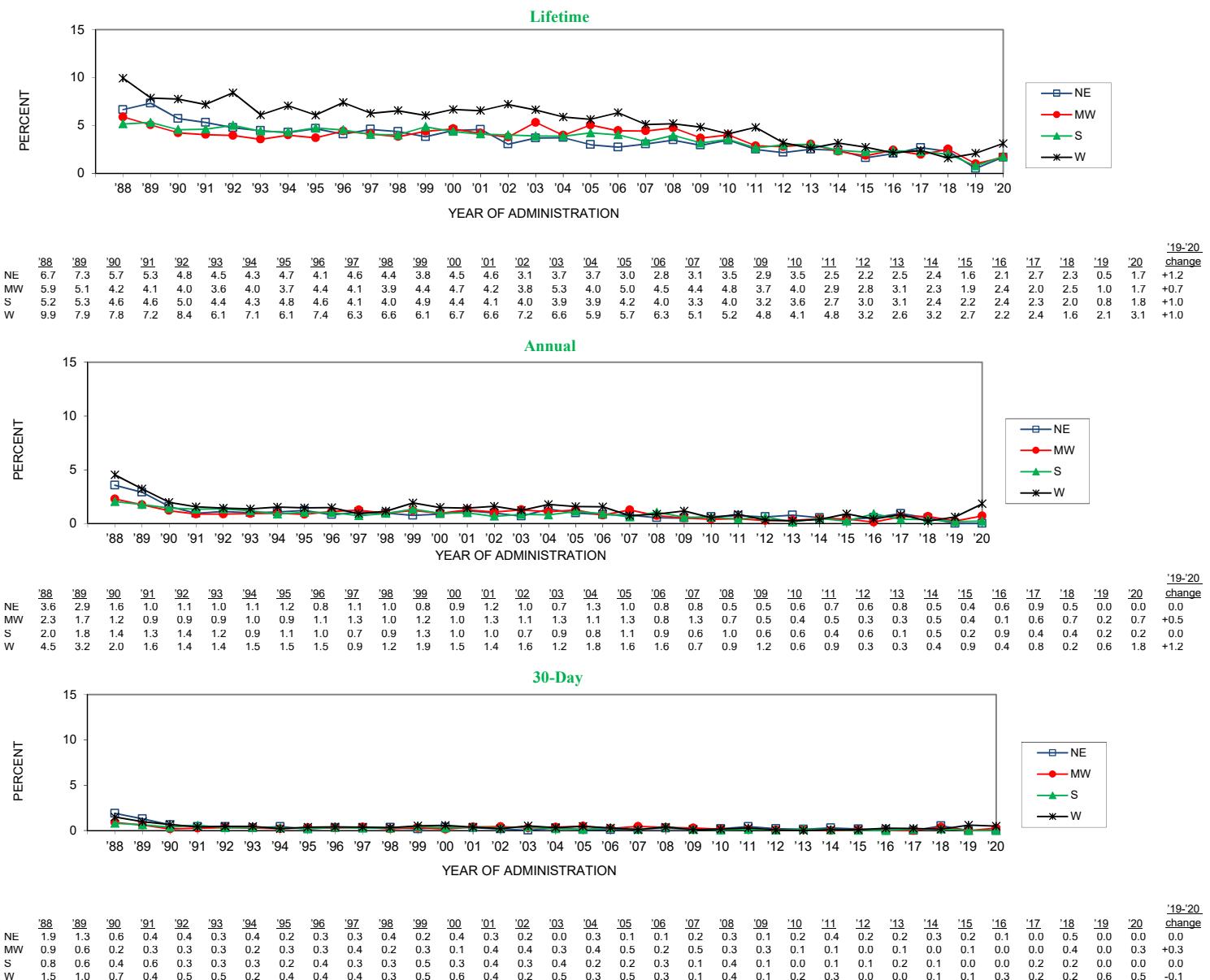
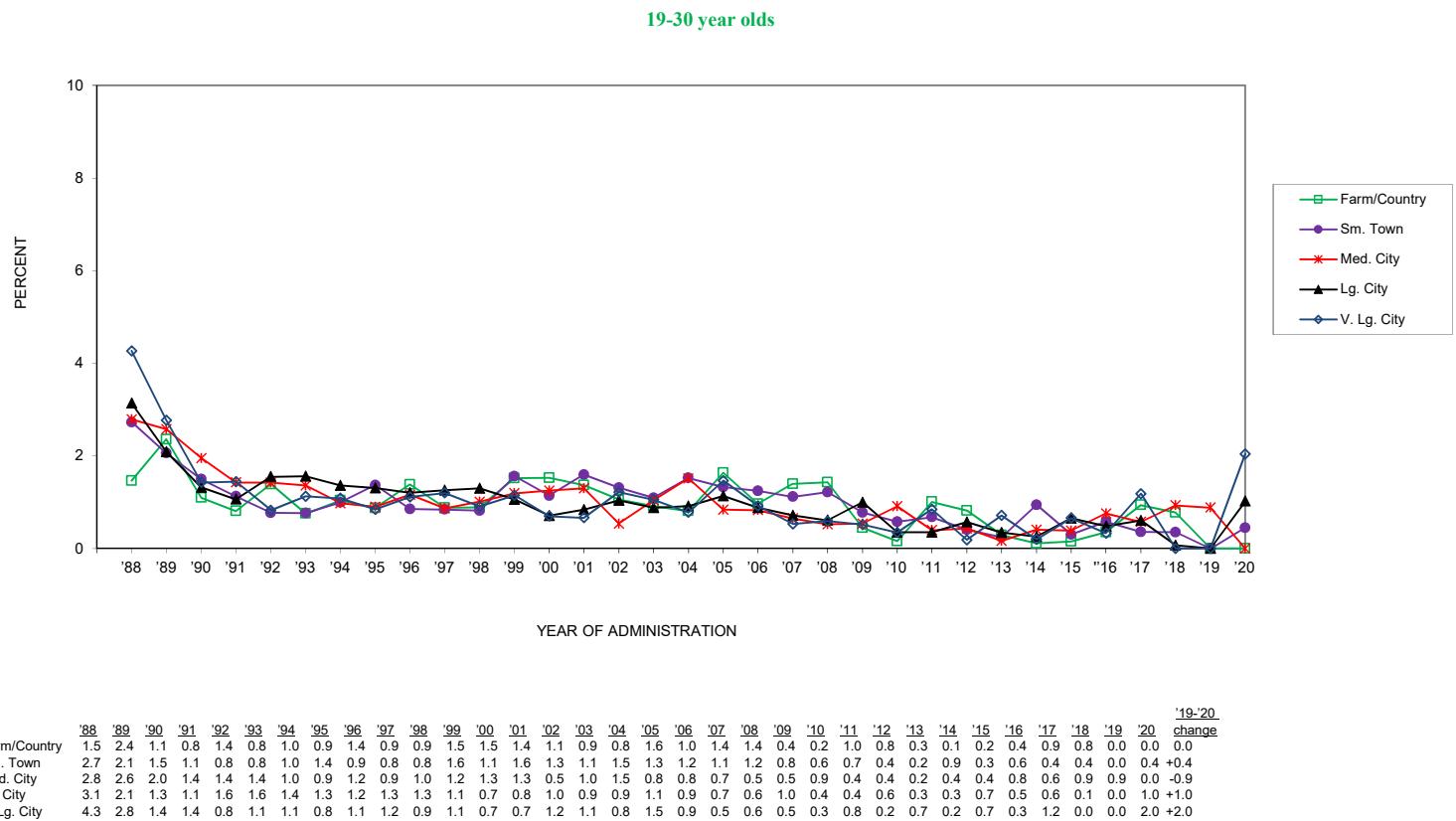
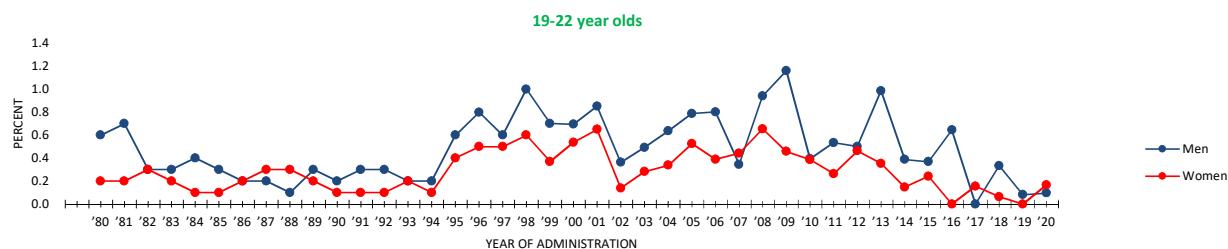


FIGURE 39
Trends in Annual Crack Cocaine Use by Population Density



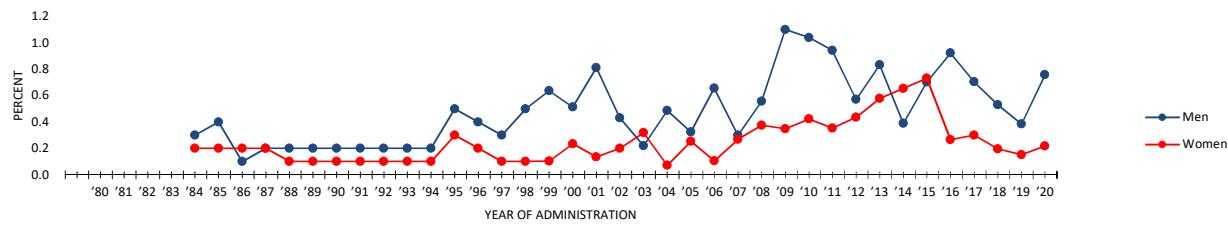
	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20	change
Farm/Country	1.5	2.4	1.1	0.8	1.4	0.8	1.0	0.9	1.4	0.9	0.9	1.5	1.5	1.4	1.1	0.9	0.8	1.6	1.0	1.4	1.4	0.4	0.2	1.0	0.8	0.3	0.1	0.2	0.4	0.9	0.8	0.0	0.0	0.0	
Sm. Town	2.7	2.1	1.5	1.1	0.8	0.8	1.0	1.4	0.9	0.8	0.8	1.6	1.1	1.6	1.3	1.1	1.5	1.3	1.2	1.1	1.2	0.8	0.6	0.7	0.4	0.2	0.9	0.3	0.6	0.4	0.4	0.0	+0.4		
Med. City	2.8	2.6	2.0	1.4	1.4	1.4	1.0	0.9	1.2	0.9	1.0	1.2	1.3	1.3	0.5	1.0	1.5	0.8	0.8	0.7	0.5	0.5	0.9	0.4	0.4	0.2	0.4	0.4	0.8	0.6	0.9	0.9	0.0	-0.9	
Lg. City	3.1	2.1	1.3	1.1	1.6	1.6	1.4	1.3	1.2	1.3	1.3	1.1	1.1	0.7	0.8	1.0	0.9	0.9	1.1	0.9	0.7	0.6	1.0	0.4	0.4	0.6	0.3	0.3	0.7	0.5	0.6	0.1	0.0	+1.0	
V. Lg. City	4.3	2.8	1.4	1.4	0.8	1.1	1.1	0.8	1.1	1.2	0.9	1.1	0.7	0.7	1.2	1.1	0.8	1.5	0.9	0.5	0.6	0.5	0.3	0.8	0.2	0.7	0.2	0.7	0.3	1.2	0.0	0.0	2.0	+2.0	

FIGURE 40
Trends in Annual Heroin Use by Gender (4 yr. Age Groupings)



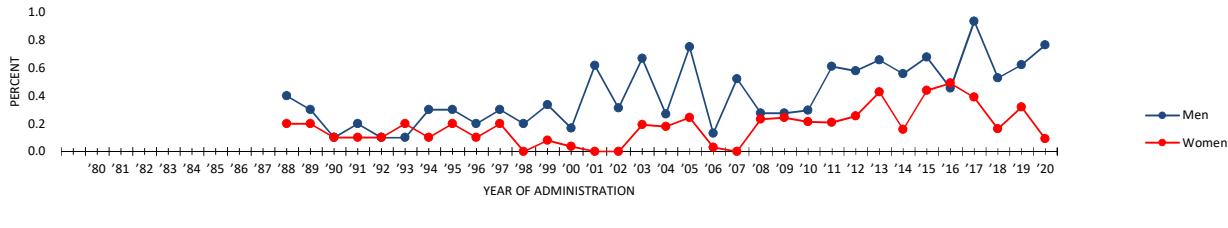
	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-20 change
Men	0.6	0.7	0.3	0.3	0.4	0.3	0.2	0.2	0.1	0.3	0.2	0.3	0.3	0.2	0.2	0.6	0.8	0.6	0.7	0.7	0.9	0.4	0.5	0.6	0.8	0.8	0.3	0.9	0.8	0.3	0.9	1.2	0.4	0.4	0.3	0.5	1.0	0.4	0.4	0.6	0.0	+0.2
Women	0.2	0.2	0.3	0.2	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.1	0.4	0.5	0.5	0.6	0.4	0.5	0.7	0.1	0.3	0.3	0.5	0.4	0.4	0.7	0.5	0.5	0.4	0.2	0.0	0.1	0.1	0.0	+0.2				

23-26 year olds



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-20 change
Men	0.3	0.4	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.4	0.3	0.5	0.6	0.6	0.5	0.5	0.8	0.6	0.7	0.7	0.3	0.3	1.1	1.0	1.0	0.9	0.6	0.8	0.7	0.5	0.7	0.5	0.7	0.5	0.8	+0.1
Women	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	+0.1		

27-30 year olds



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-20 change
Men	0.4	0.3	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.2	0.3	0.2	0.6	0.3	0.7	0.8	0.1	0.5	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.7	0.9	0.5	0.9	0.6	0.8	+0.1	
Women	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.2					

FIGURE 41
Trends in Heroin Use by Region (1-12 yrs. Past High School)

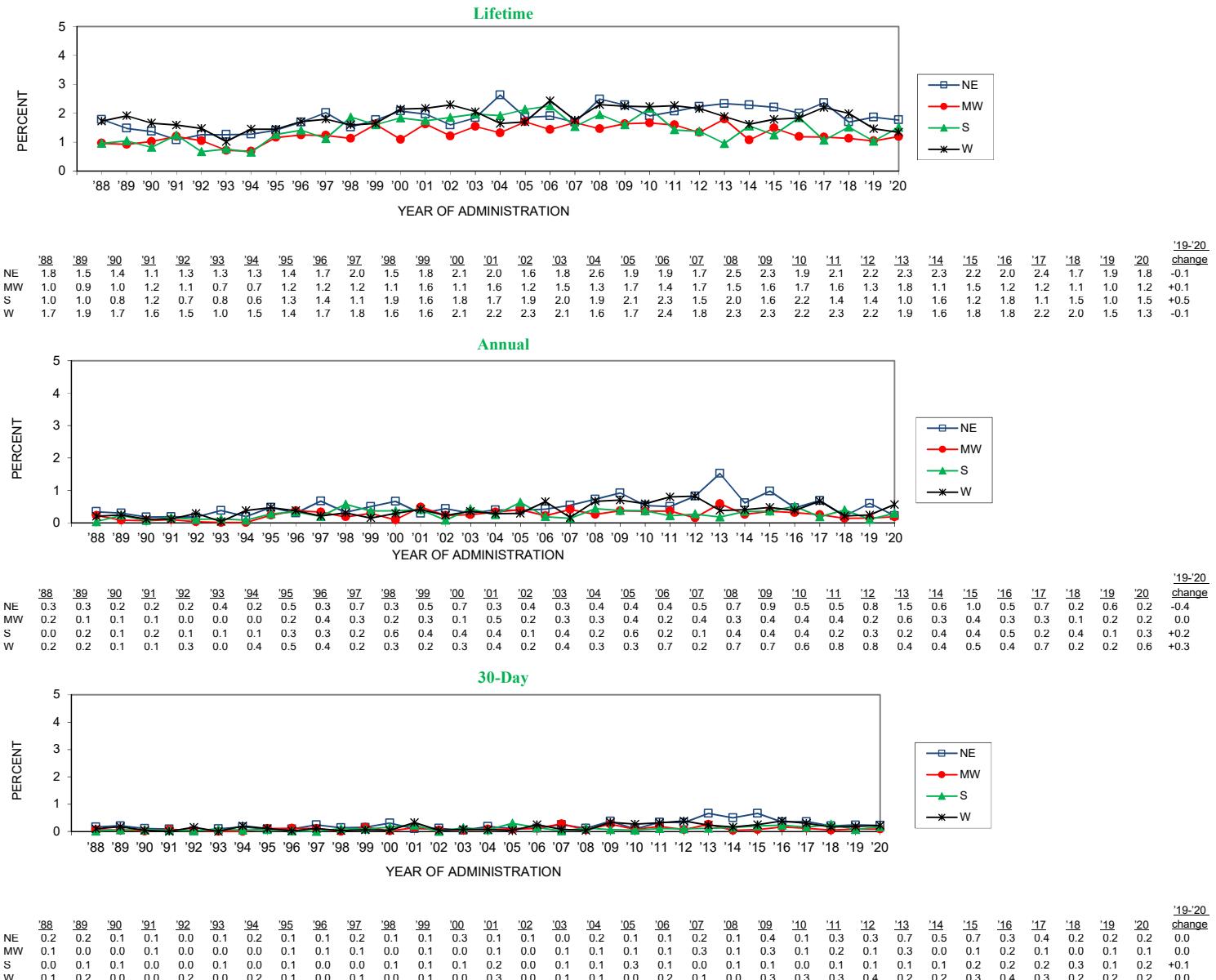
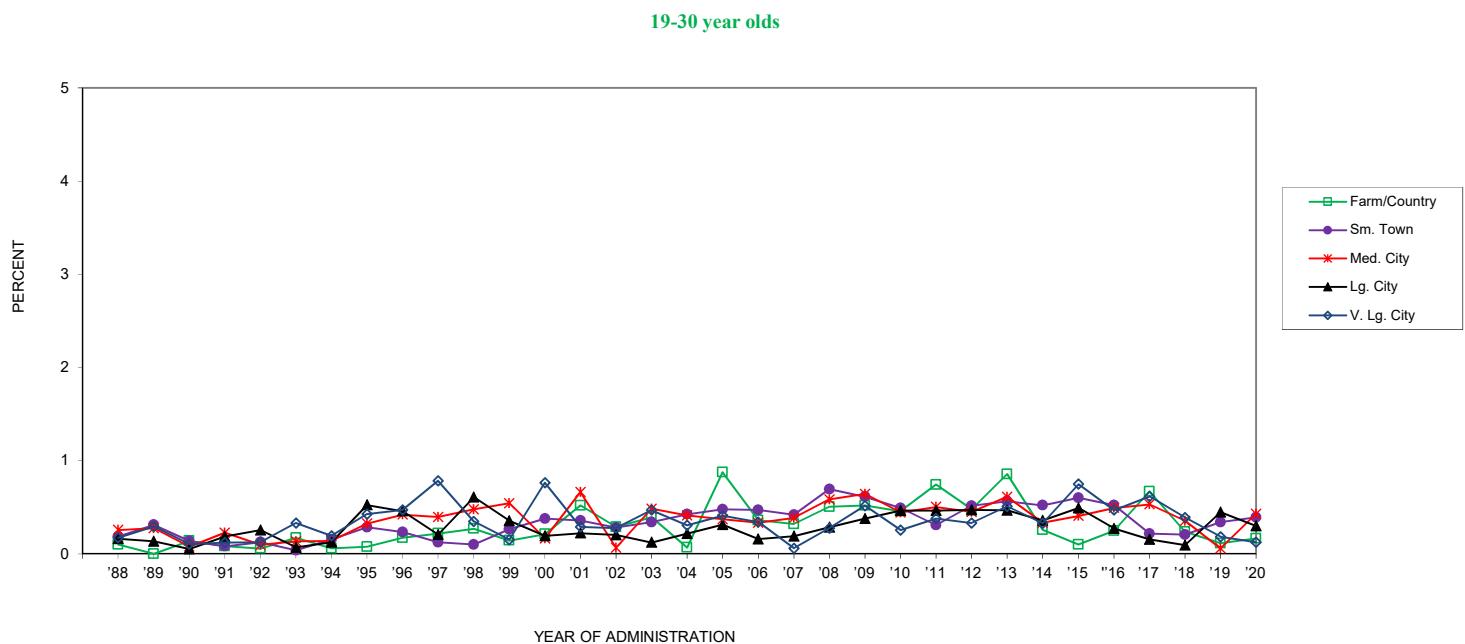
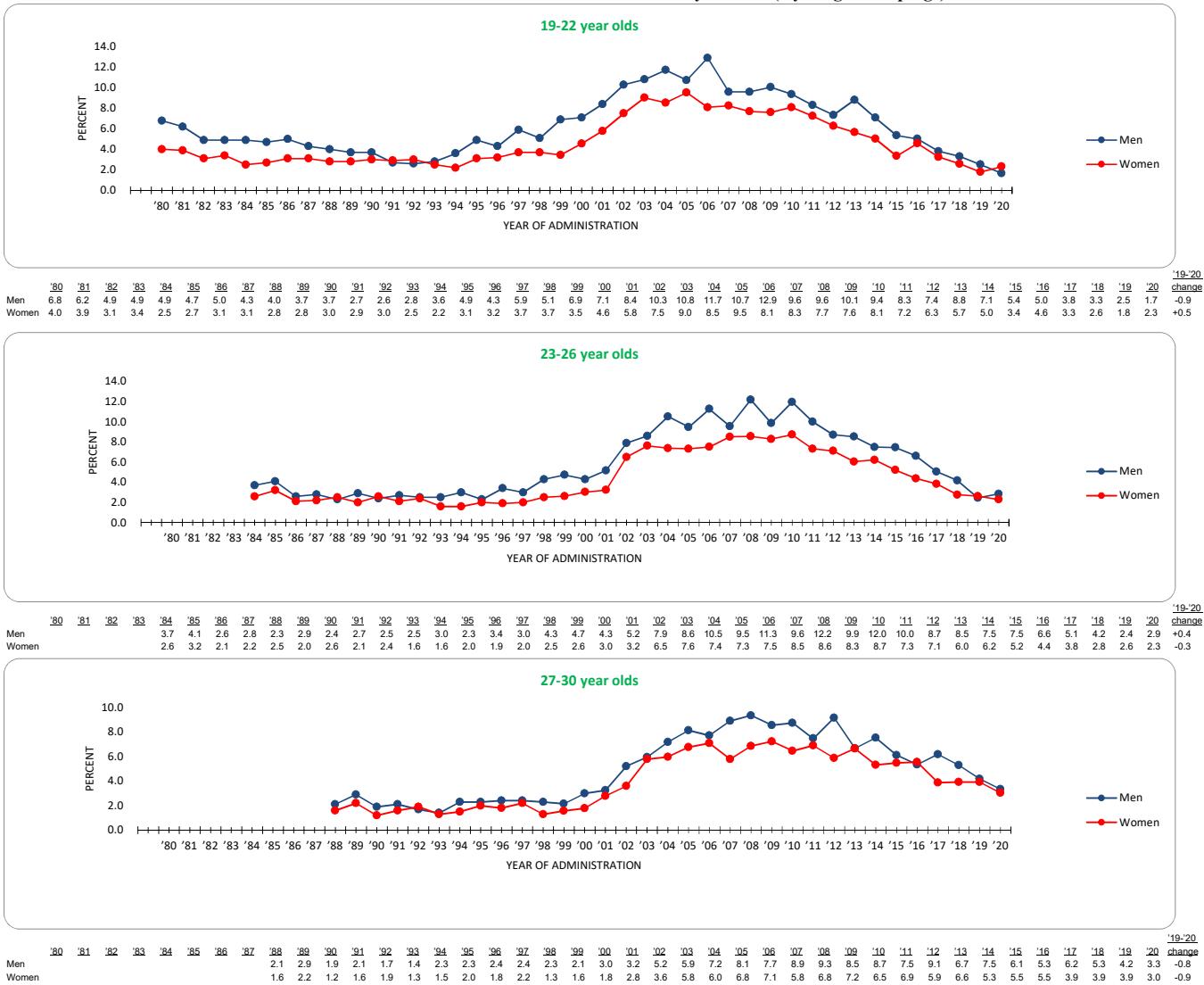


FIGURE 42
Trends in Annual Heroin Use by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.2	0.3	0.1	0.2	0.5	0.3	0.4	0.1	0.9	0.4	0.3	0.5	0.7	0.5	0.9	0.3	0.1	0.2	0.7	0.2	0.1	0.2	+0.1				
Sm. Town	0.2	0.3	0.1	0.1	0.1	0.0	0.2	0.3	0.2	0.1	0.1	0.3	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.4	0.7	0.6	0.5	0.3	0.5	0.6	0.5	0.2	0.2	0.3	0.4	+0.1		
Med. City	0.3	0.3	0.1	0.2	0.1	0.1	0.1	0.3	0.4	0.4	0.5	0.5	0.2	0.7	0.1	0.5	0.4	0.4	0.3	0.4	0.6	0.6	0.5	0.6	0.3	0.4	0.5	0.5	0.4	0.1	0.4	+0.4		
Lg. City	0.2	0.1	0.1	0.2	0.3	0.1	0.1	0.5	0.5	0.2	0.6	0.4	0.2	0.2	0.1	0.2	0.3	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.5	0.3	0.2	0.1	0.4	0.3	-0.1		
V. Lg. City	0.2	0.3	0.1	0.1	0.1	0.3	0.2	0.4	0.5	0.8	0.3	0.2	0.8	0.3	0.3	0.5	0.3	0.4	0.3	0.3	0.5	0.3	0.7	0.5	0.6	0.4	0.2	0.1	-0.1					

FIGURE 43
Trends in Annual Narcotics Other Than Heroin Use by Gender (4 yr. Age Groupings)



* adjusted

FIGURE 44
Trends in Narcotics Other Than Heroin Use by Region (1-12 yrs. Past High School)

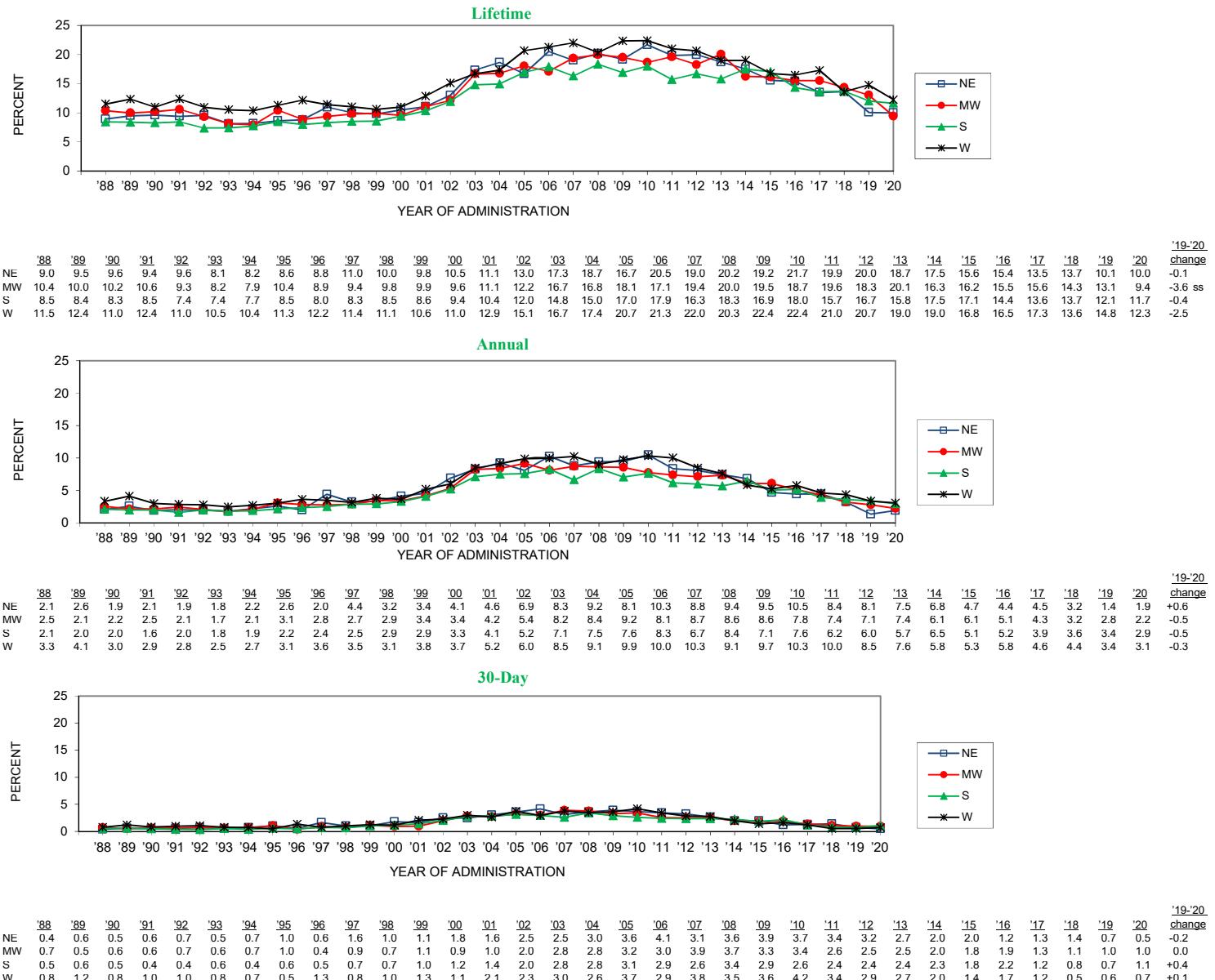


FIGURE 45
Trends in Annual Narcotics Other Than Heroin Use by Population Density

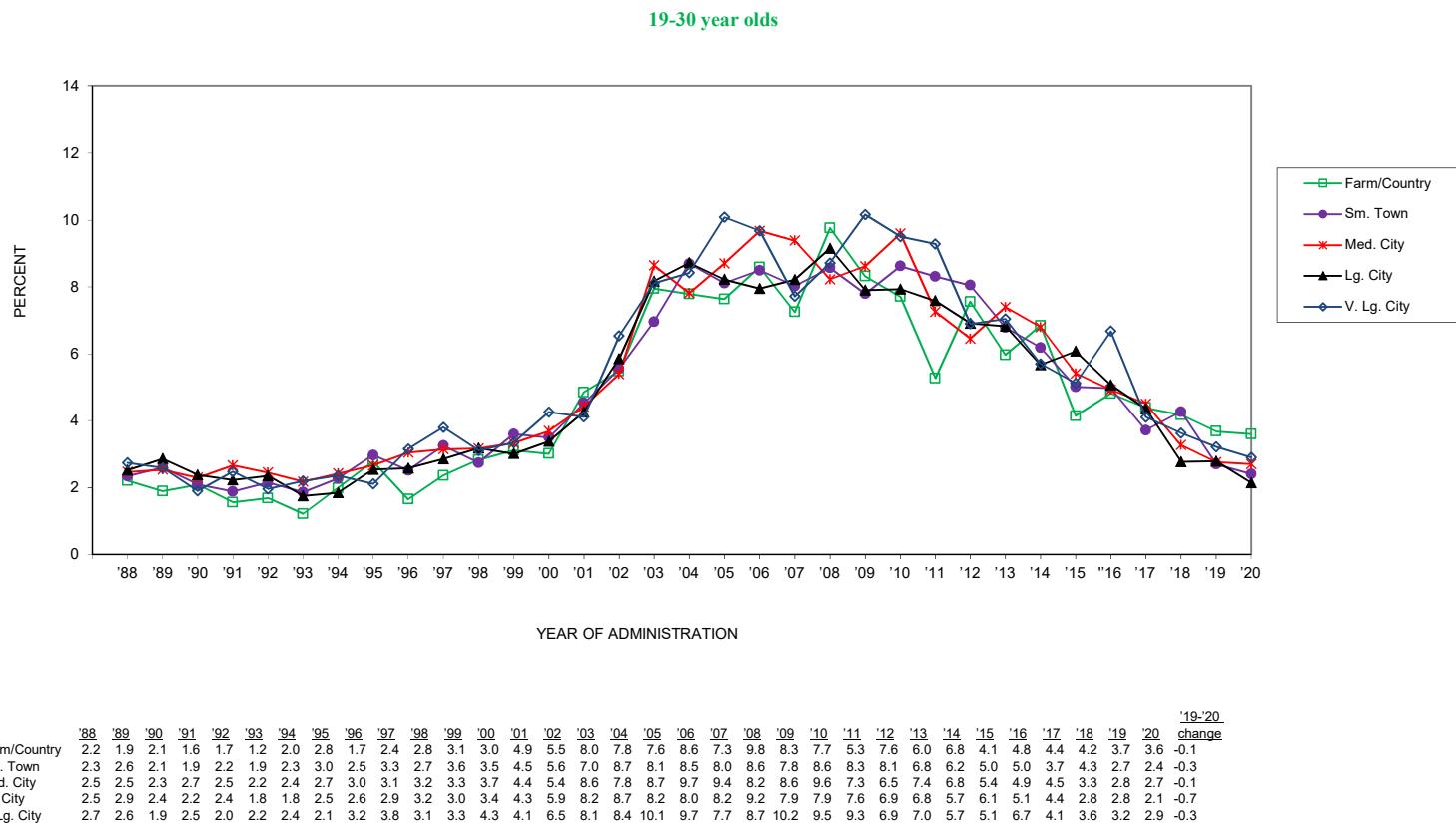


FIGURE 46
Trends in Annual OxyContin by Gender (4 yr. Age Groupings)

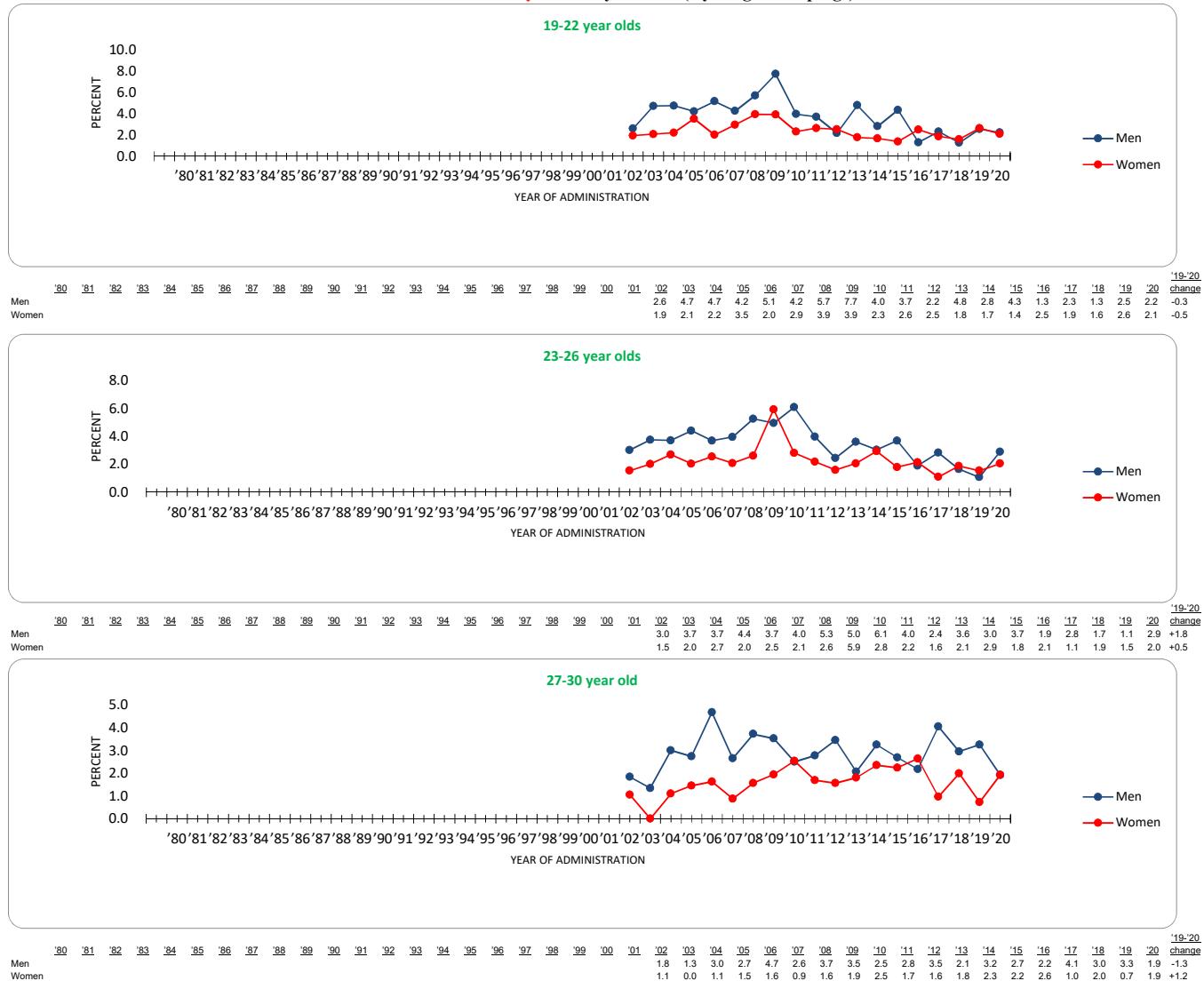


FIGURE 47
Trends in OxyContin Use by Region (1-12 yrs. Past High School)

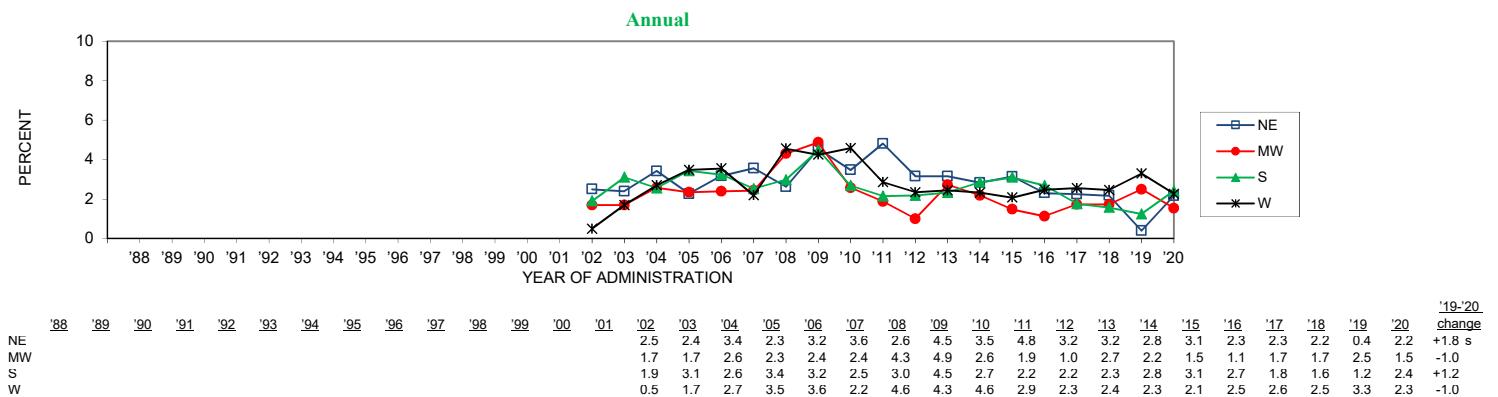
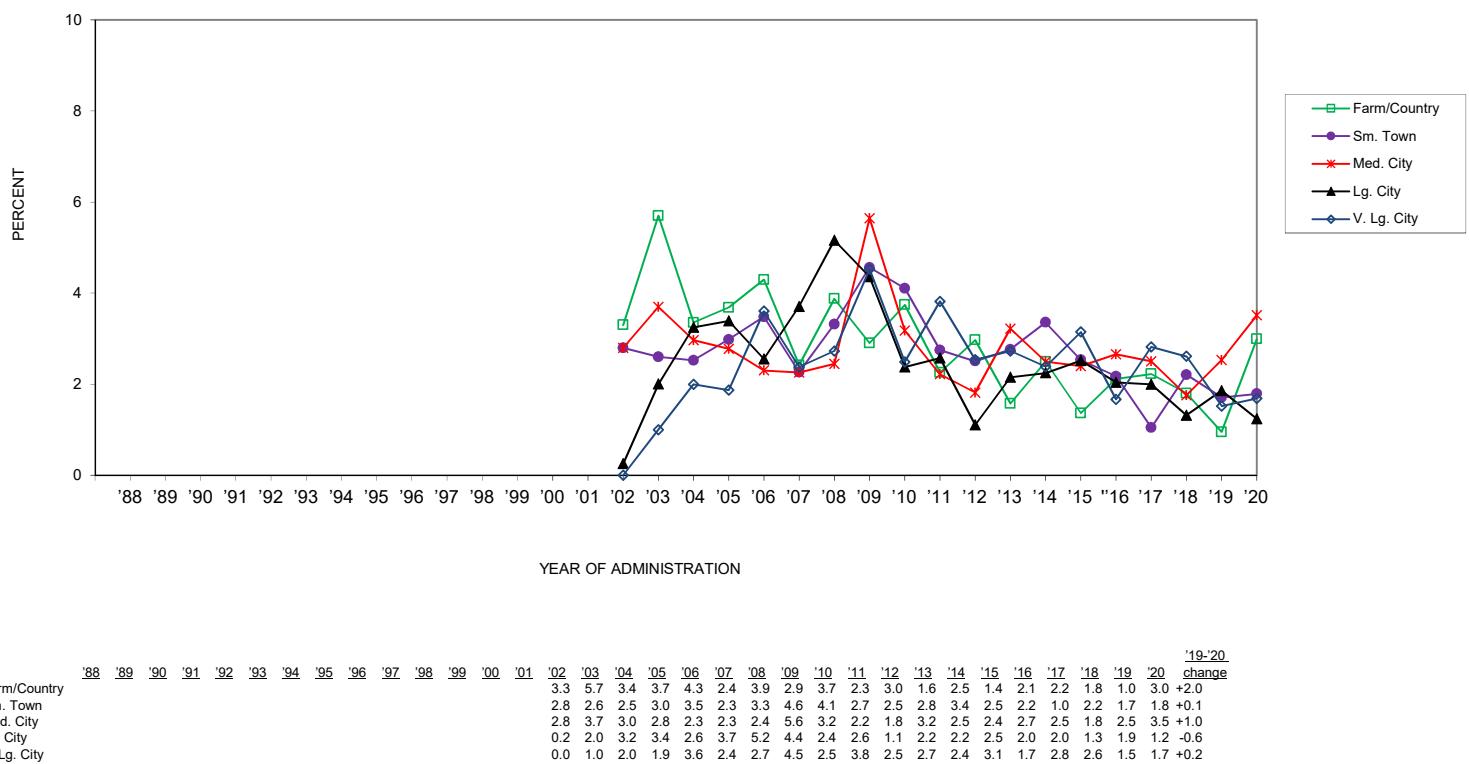


FIGURE 48
Trends in Annual OxyContin Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	3.3	5.7	3.4	3.7	4.3	2.4	3.9	2.9	3.7	2.3	3.0	1.6	2.5	1.4	2.1	2.2	1.8	1.0	3.0	+2.0														
Sm. Town	2.8	2.6	2.5	3.0	3.5	2.3	3.3	4.6	4.1	2.7	2.5	2.8	3.4	2.5	2.2	1.0	2.2	1.7	1.8	+0.1														
Med. City	2.8	3.7	3.0	2.8	2.3	2.3	2.4	5.6	3.2	2.2	1.8	3.2	2.5	2.4	2.7	2.5	1.8	2.5	3.5	+1.0														
Lg. City	0.2	2.0	3.2	3.4	2.6	3.7	5.2	4.4	2.4	2.6	1.1	2.2	2.2	2.5	2.0	2.0	1.3	1.9	1.2	-0.6														
V. Lg. City	0.0	1.0	2.0	1.9	3.6	2.4	2.7	4.5	2.5	3.8	2.5	2.7	2.4	3.1	1.7	2.8	2.6	1.5	1.7	+0.2														

FIGURE 49
Trends in Annual Vicodin by Gender (4 yr. Age Groupings)

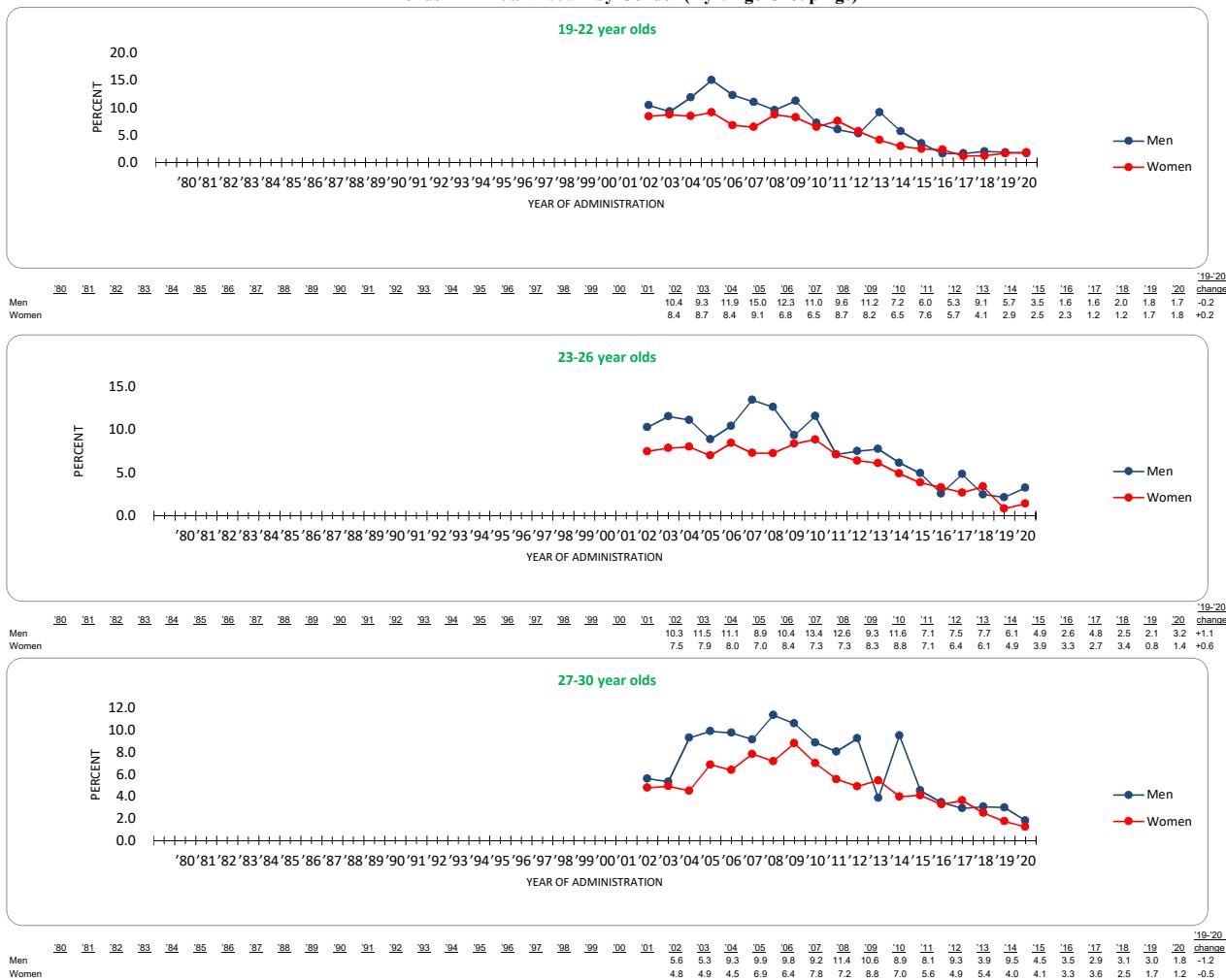


FIGURE 50
Trends in Vicodin Use by Region (1-12 yrs. Past High School)

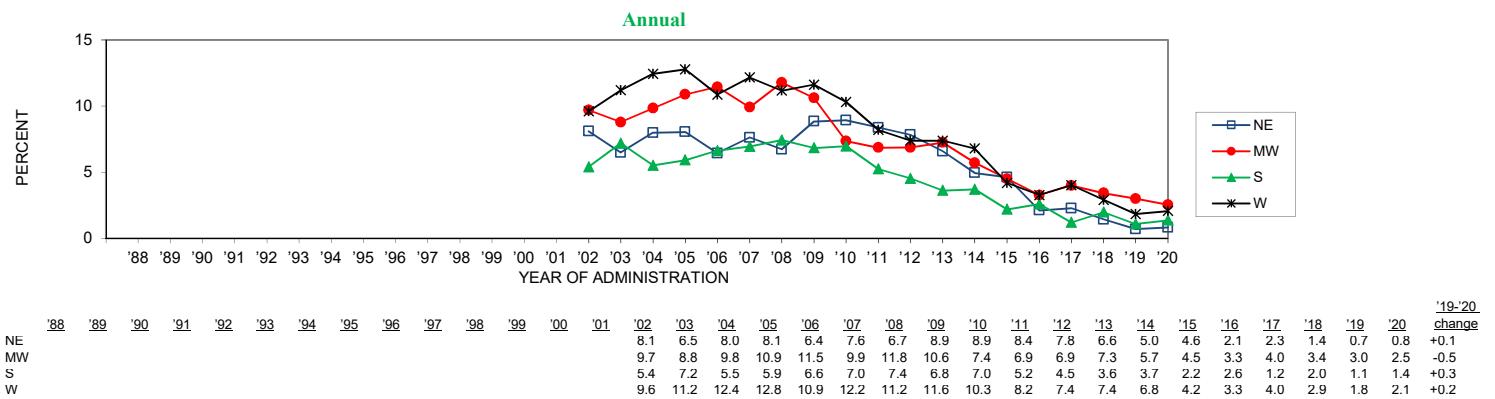
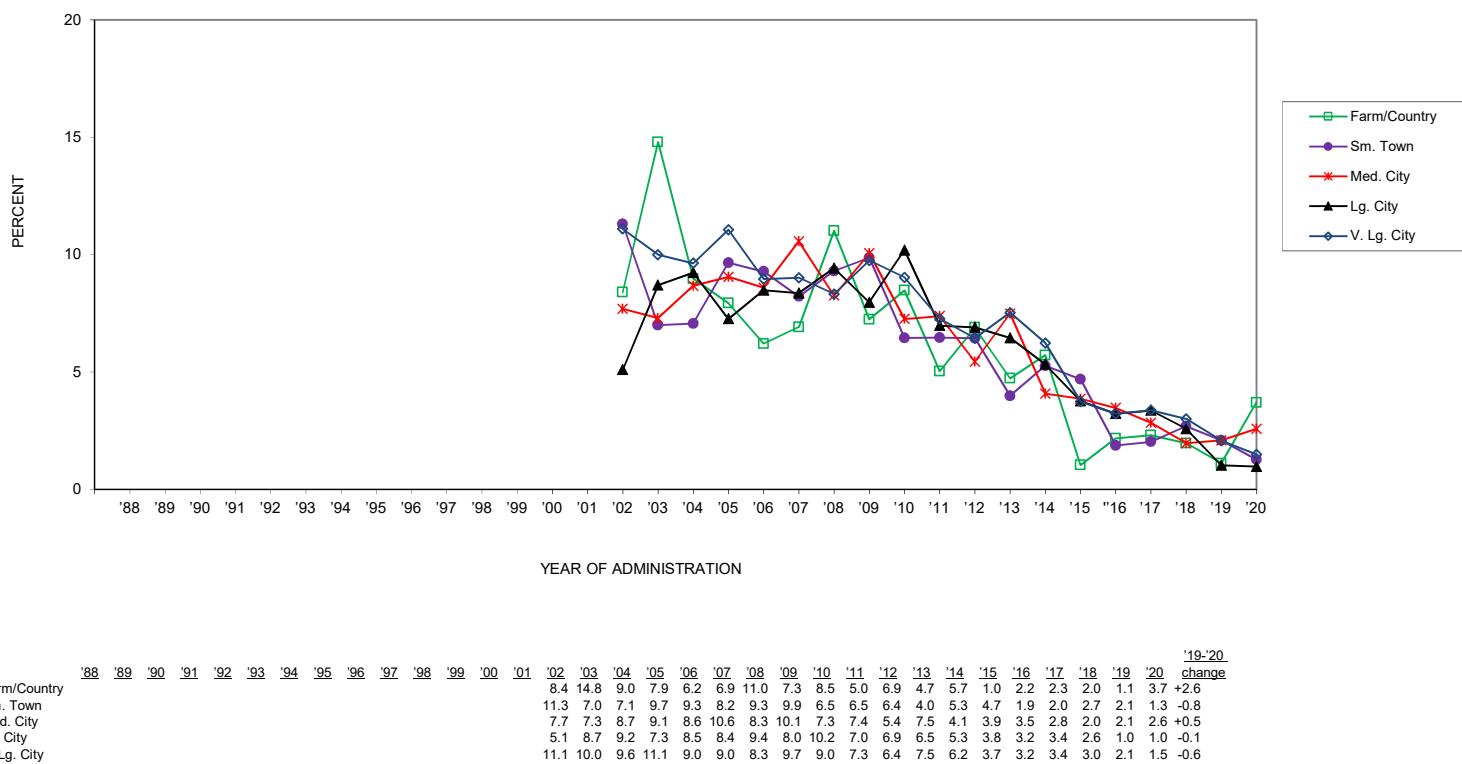


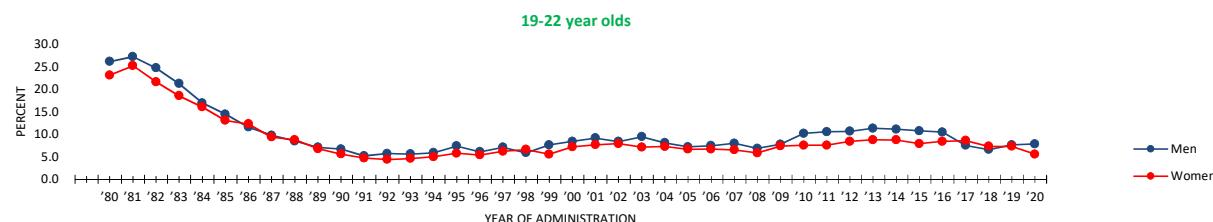
FIGURE 51
Trends in Annual Vicodin Use by Population Density

19-30 year olds

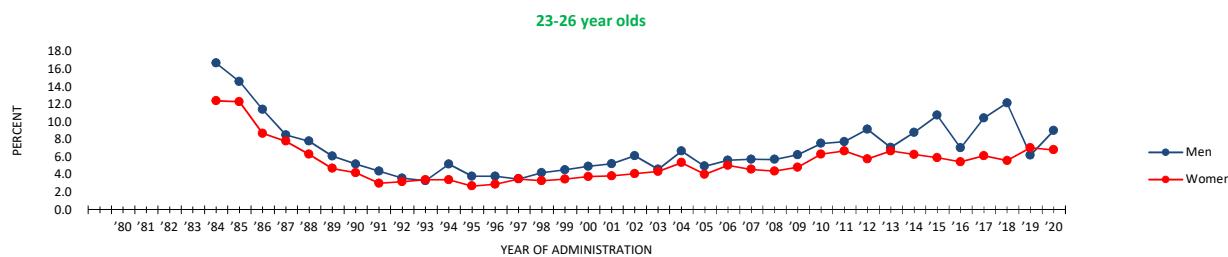


	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	8.4	14.8	9.0	7.9	6.2	6.9	11.0	7.3	8.5	5.0	6.9	4.7	5.7	1.0	2.2	2.3	2.0	1.1	3.7	+2.6														
Sm. Town	11.3	7.0	7.1	9.7	9.3	8.2	9.3	9.9	6.5	6.5	6.4	4.0	5.3	4.7	1.9	2.0	2.7	2.1	1.3	-0.8														
Med. City	7.7	7.3	8.7	9.1	8.6	10.6	8.3	10.1	7.3	7.4	5.4	7.5	4.1	3.9	3.5	2.8	2.0	2.1	2.6	+0.5														
Lg. City	5.1	8.7	9.2	7.3	8.5	8.4	9.4	8.0	10.2	7.0	6.9	6.5	5.3	3.8	3.2	3.4	2.6	1.0	1.0	-0.1														
V. Lg. City	11.1	10.0	9.6	11.1	9.0	9.0	6.3	9.7	9.0	7.3	6.4	7.5	6.2	3.7	3.2	3.4	3.0	2.1	1.5	-0.6														

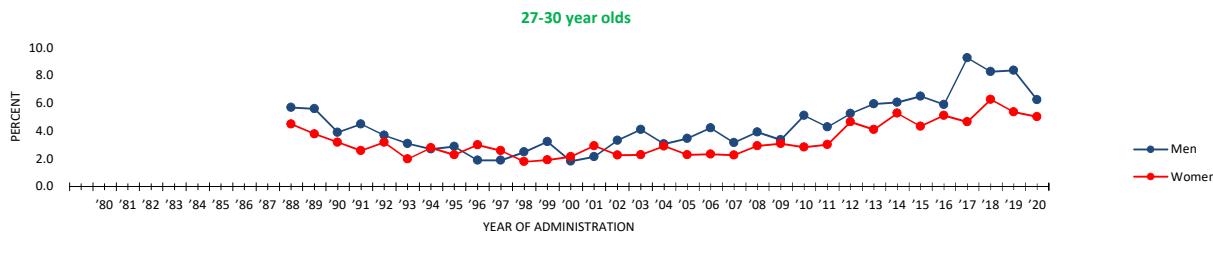
FIGURE 52
Trends in Annual Amphetamine Use by Gender (4 yr. Age Groupings)



	'19-20 change																				
Men	26.2	27.3	24.8	21.3	17.0	14.5	11.6	9.8	8.5	7.1	6.7	5.2	5.7	5.6	5.9	7.4	6.1	7.1	5.9	7.6	10.2
Women	23.2	25.3	21.7	18.6	16.1	13.1	12.3	9.4	8.8	6.8	5.6	4.7	4.4	4.6	5.0	5.8	5.4	6.2	6.6	5.6	-1.8



	'19-20 change																				
Men	16.7	14.6	11.4	8.5	7.8	6.1	5.2	4.4	3.6	3.3	5.2	3.8	3.8	3.5	4.2	4.5	4.9	5.2	6.2	4.6	+2.8
Women	12.4	12.3	8.7	7.8	6.3	4.7	4.2	3.0	3.2	3.4	3.4	2.7	2.9	3.5	3.3	3.5	3.8	3.8	4.1	4.4	-0.2



	'19-20 change																				
Men	5.7	5.6	3.9	4.5	3.7	3.1	2.7	2.9	1.9	1.9	2.5	3.2	1.8	2.2	3.3	4.1	3.1	3.5	4.2	3.2	+2.1
Women	4.5	3.8	3.2	2.6	3.2	2.0	2.8	2.3	3.0	2.6	1.8	1.9	2.2	2.9	2.3	2.3	2.3	2.3	2.9	3.1	-0.3

FIGURE 53
Trends in Amphetamine Use by Region (1-12 yrs. Past High School)

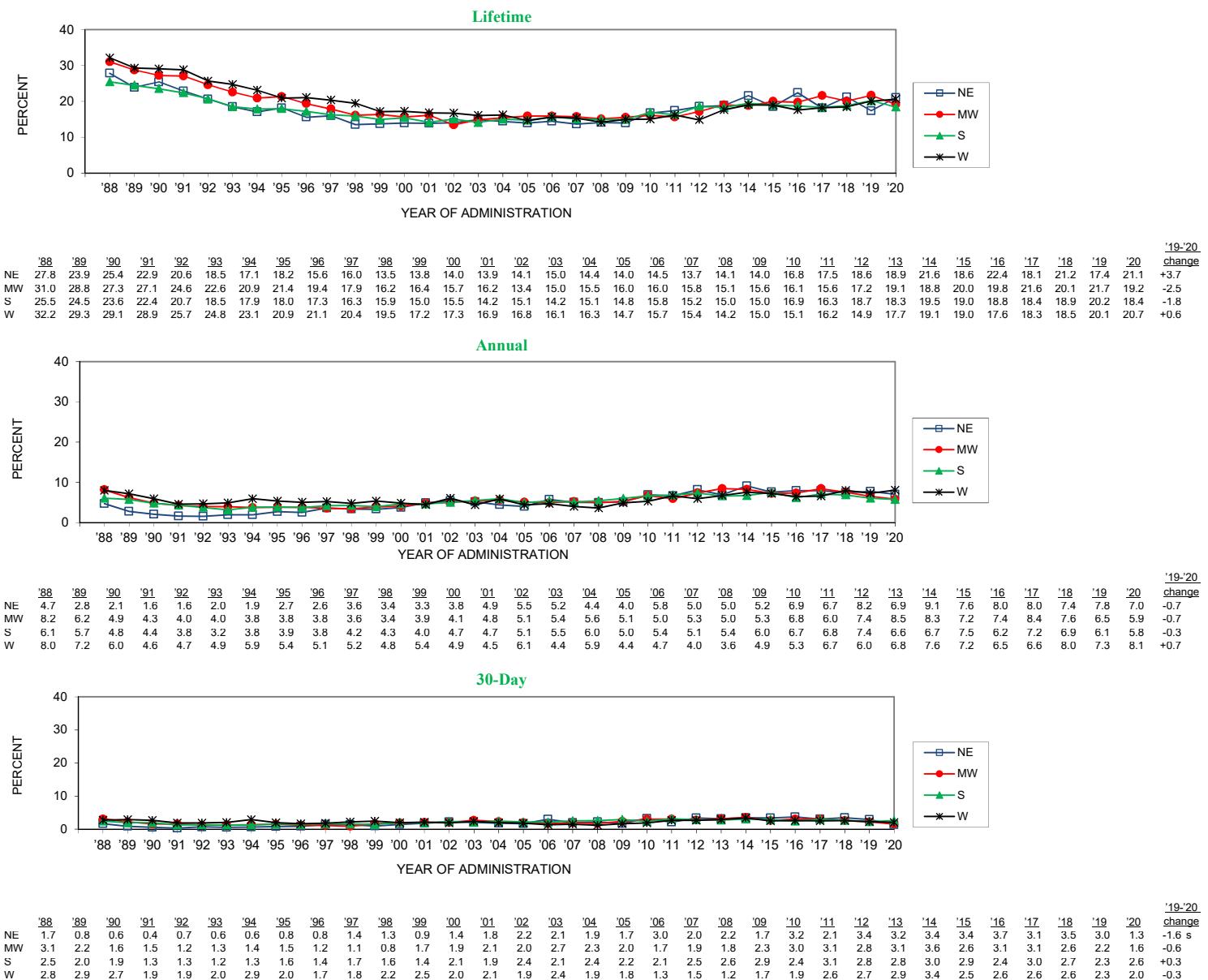
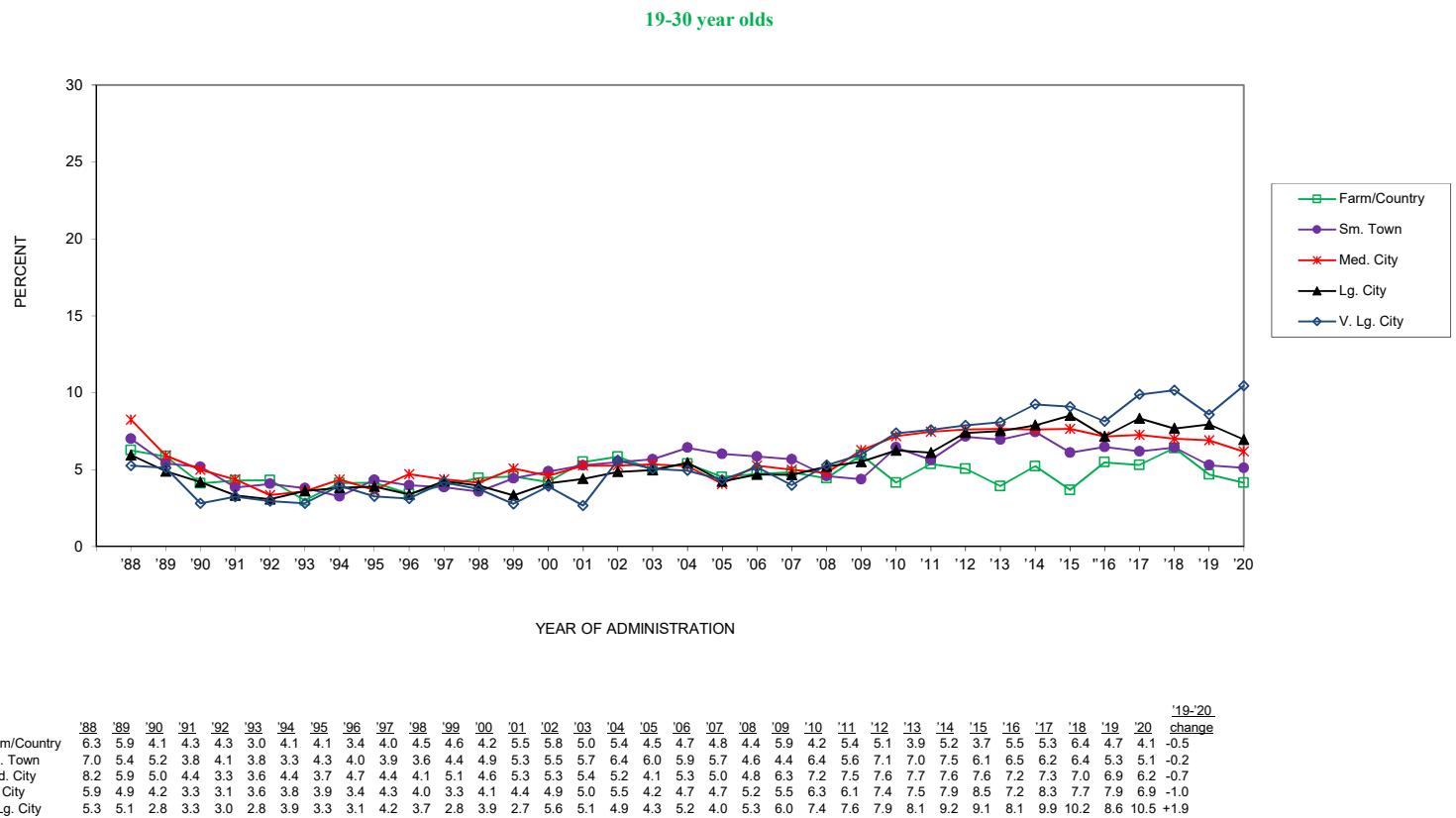


FIGURE 54
Trends in Annual Amphetamine Use by Population Density



	'19-'20																																	
	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	change
Farm/Country	6.3	5.9	4.1	4.3	4.3	3.0	4.1	4.1	3.4	4.0	4.5	4.6	4.2	5.5	5.8	5.0	5.4	4.5	4.7	4.8	4.4	5.9	4.2	5.4	5.1	3.9	5.2	3.7	5.5	5.3	6.4	4.7	4.1	-0.5
Sm. Town	7.0	5.4	5.2	3.8	4.1	3.8	3.3	4.3	4.0	3.9	3.6	4.4	4.9	5.3	5.5	5.7	6.4	6.0	5.9	5.7	4.6	4.4	6.4	5.6	7.1	7.0	7.5	6.1	6.5	6.2	6.4	5.3	5.1	-0.2
Med. City	8.2	5.9	5.0	4.4	3.3	3.6	4.4	3.7	4.7	4.4	4.1	5.1	4.6	5.3	5.3	5.4	5.2	4.1	5.3	5.0	4.8	6.3	7.2	7.5	7.6	7.7	7.6	7.2	7.3	7.0	6.9	6.2	-0.7	
Lg. City	5.9	4.9	4.2	3.3	3.1	3.6	3.8	3.5	3.4	4.3	4.0	3.3	4.1	4.4	4.9	5.0	5.5	4.2	4.7	4.7	5.2	5.5	6.3	6.1	7.4	7.5	7.9	8.5	7.2	8.3	7.7	7.9	6.9	-1.0
V. Lg. City	5.3	5.1	2.8	3.3	3.0	2.8	3.9	3.3	3.1	4.2	3.7	2.8	3.9	2.7	5.6	5.1	4.9	4.3	5.2	4.0	5.3	6.0	7.4	7.6	7.9	8.1	9.2	9.1	8.1	9.9	10.2	8.6	10.5	+1.9

FIGURE 55
Trends in Annual Ritalin by Gender (4 yr. Age Groupings)

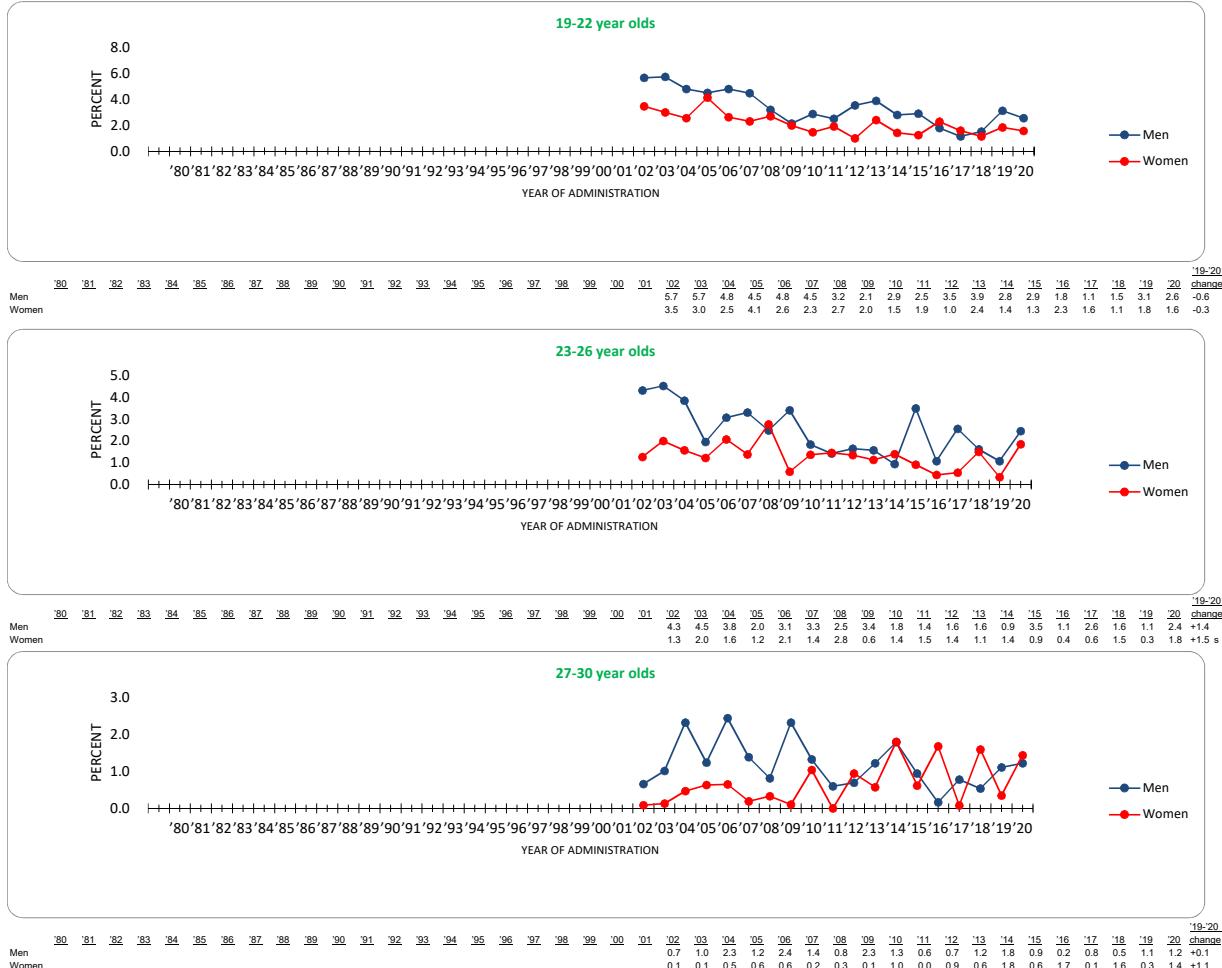
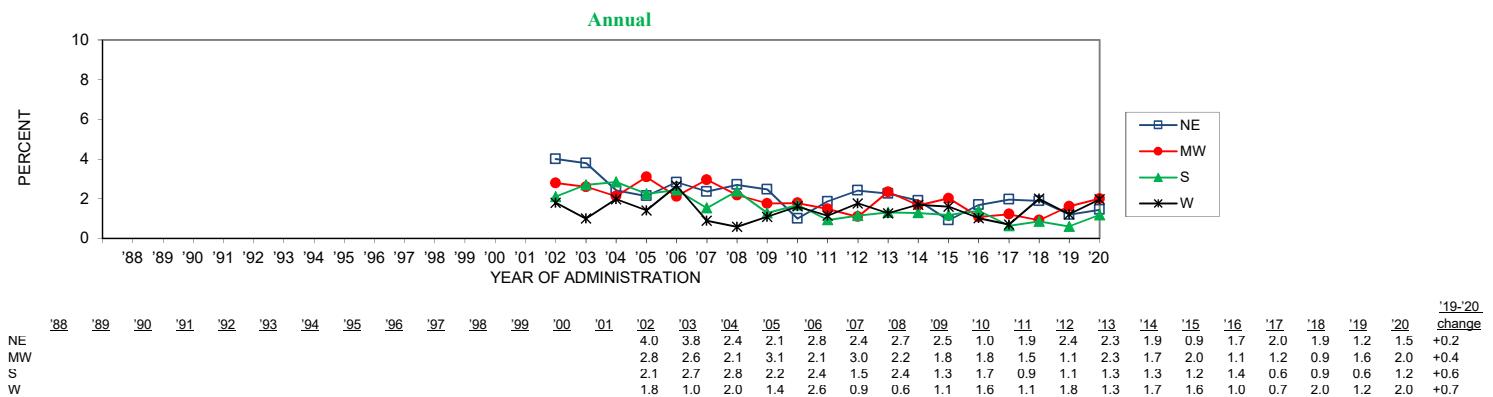
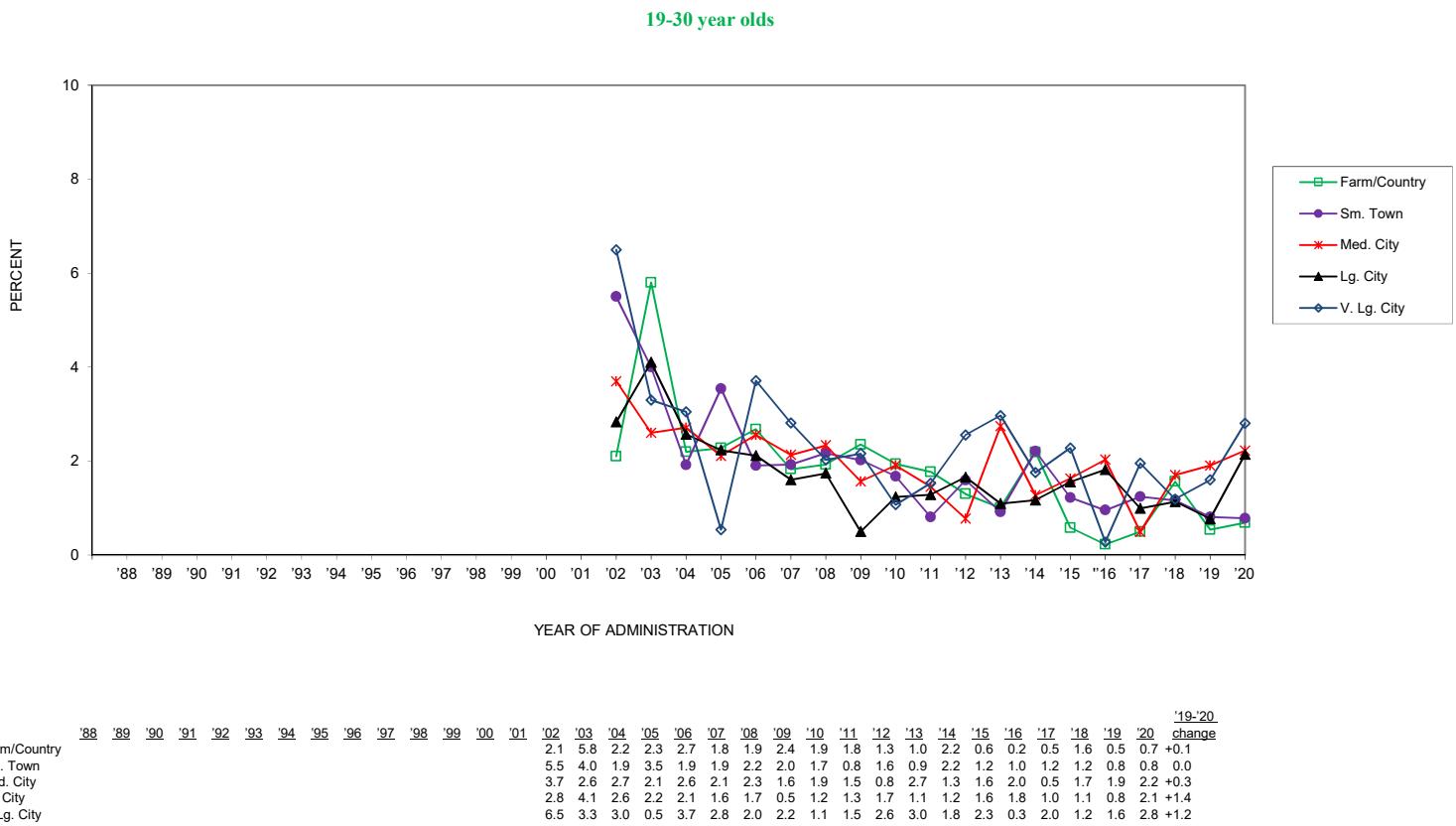


FIGURE 56
Trends in Ritalin Use by Region (1-12 yrs. Past High School)



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	
NE															4.0	3.8	2.4	2.1	2.8	2.4	2.7	2.5	1.0	1.9	2.4	2.3	1.9	0.9	1.7	2.0	1.9	1.2	1.5	+0.2
MW															2.8	2.6	2.1	3.1	2.1	3.0	2.2	1.8	1.8	1.5	1.1	2.3	1.7	2.0	1.1	1.2	0.9	1.6	2.0	+0.4
S															2.1	2.7	2.8	2.2	2.4	1.5	2.4	1.3	1.7	0.9	1.1	1.3	1.3	1.2	1.4	0.6	0.9	0.6	1.2	+0.6
W															1.8	1.0	2.0	1.4	2.6	0.9	0.6	1.1	1.6	1.1	1.8	1.3	1.7	1.6	1.0	0.7	2.0	1.2	2.0	+0.7

FIGURE 57
Trends in Annual Ritalin Use by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change		
Farm/Country	2.1	5.8	2.2	2.3	2.7	1.8	1.9	2.4	1.9	1.8	1.3	1.0	2.2	0.6	0.2	0.5	1.6	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
Sm. Town	5.5	4.0	1.9	3.5	1.9	1.9	2.2	2.0	1.7	0.8	1.6	0.9	2.2	1.2	1.0	1.2	1.2	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
Med. City	3.7	2.6	2.7	2.1	2.6	2.1	2.3	1.6	1.9	1.5	0.8	2.7	1.3	1.6	2.0	0.5	1.7	1.9	2.2	+0.3	+0.3	+0.3	+0.3	+0.3	+0.3	+0.3	+0.3	+0.3	+0.3	+0.3	+0.3	+0.3				
Lg. City	2.8	4.1	2.6	2.2	2.1	1.6	1.7	0.5	1.2	1.3	1.7	1.1	1.2	1.6	1.8	1.0	1.1	0.8	2.1	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4	+1.4				
V. Lg. City	6.5	3.3	3.0	0.5	3.7	2.8	2.0	2.2	1.1	1.5	2.6	3.0	1.8	2.3	0.3	2.0	1.2	1.6	2.8	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2	+1.2

FIGURE 58
Trends in Annual Adderall by Gender (4 yr. Age Groupings)



FIGURE 59
Trends in Annual Methamphetamine by Gender (4 yr. Age Groupings)

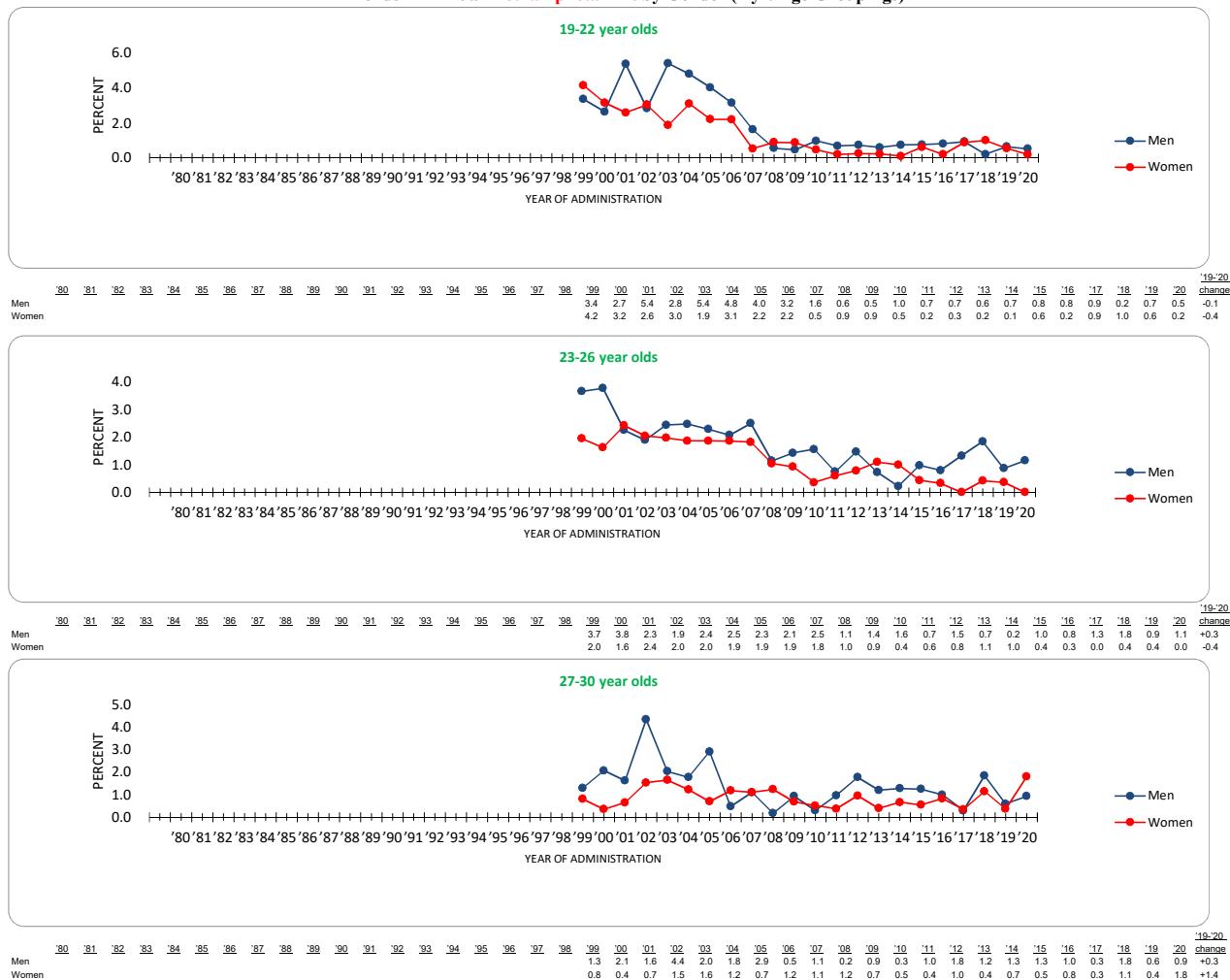


FIGURE 60
Trends in Methamphetamine Use by Region (1-12 yrs. Past High School)

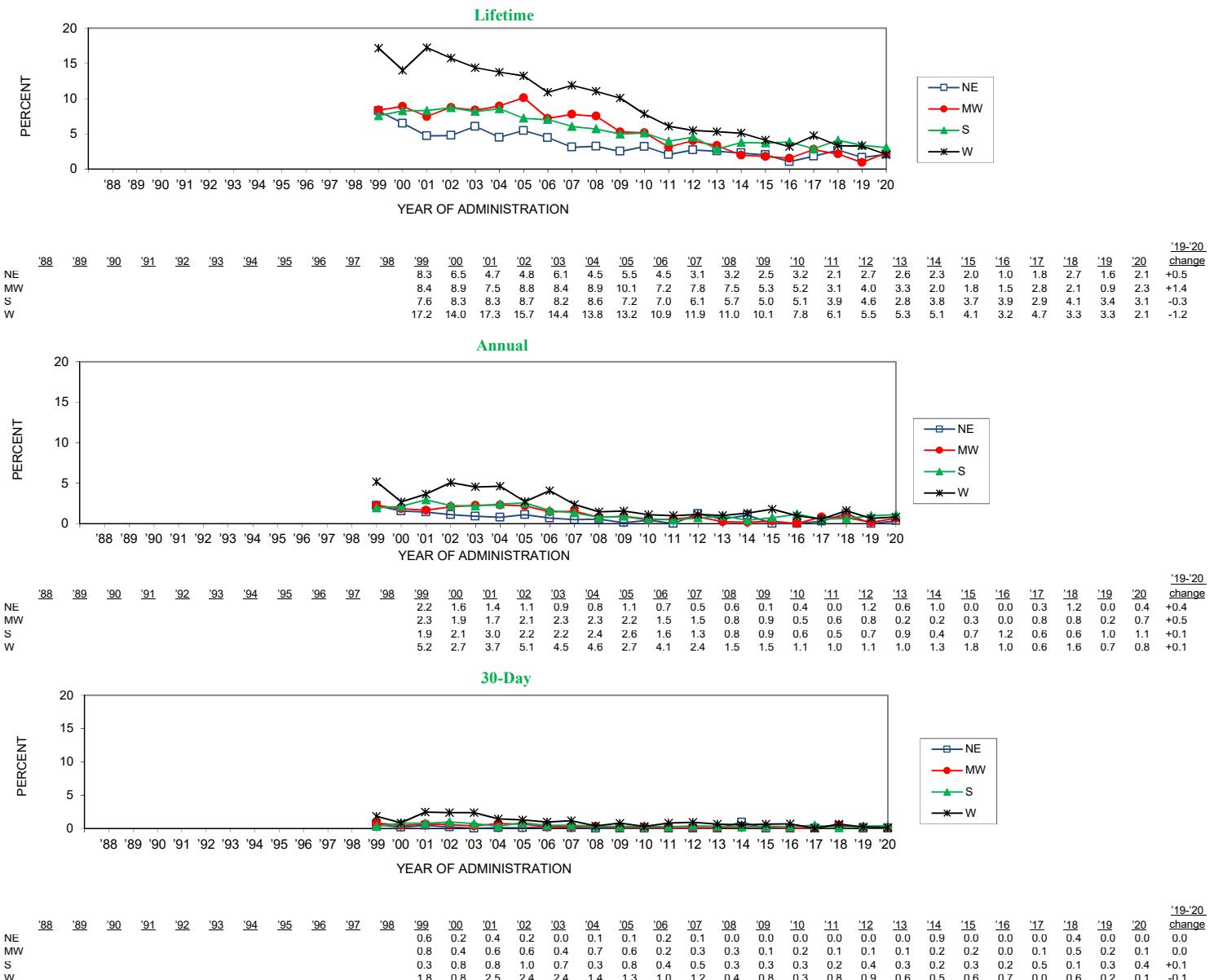
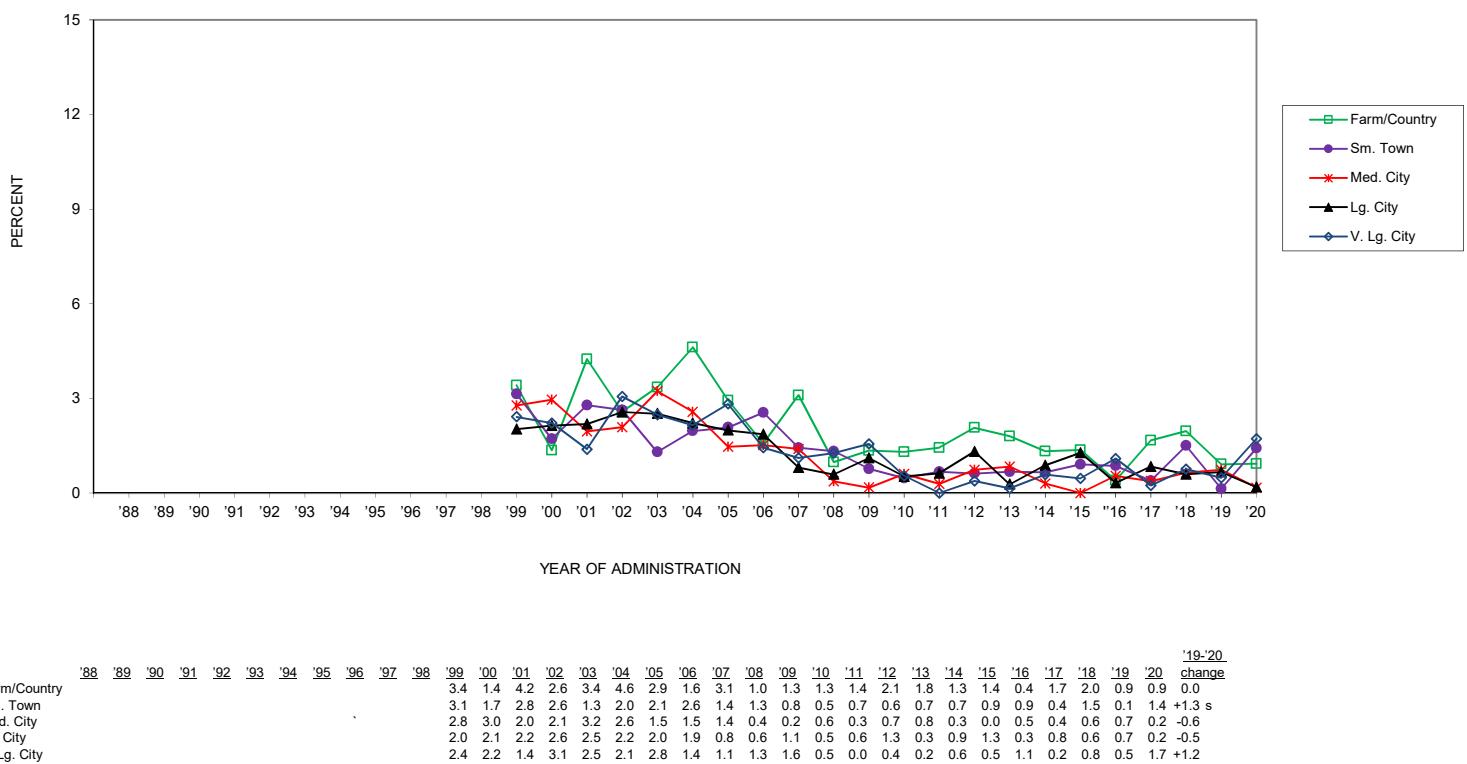


FIGURE 61
Trends in Annual Methamphetamine Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	3.4	1.4	4.2	2.6	3.4	4.6	2.9	1.6	3.1	1.0	1.3	1.3	1.4	2.1	1.8	1.3	1.4	0.4	1.7	2.0	0.9	0.9	0.0											
Sm. Town	3.1	1.7	2.8	2.6	1.3	2.0	2.1	2.6	1.4	1.3	0.8	0.5	0.7	0.6	0.7	0.7	0.9	0.9	0.4	1.5	0.1	1.4	+1.3 s											
Med. City	2.8	3.0	2.0	2.1	3.2	2.6	1.5	1.5	1.4	0.4	0.2	0.6	0.3	0.7	0.8	0.3	0.0	0.5	0.4	0.6	0.7	0.2	-0.6											
Lg. City	2.0	2.1	2.2	2.6	2.5	2.2	2.0	1.9	0.8	0.6	1.1	0.5	0.6	1.3	0.3	0.9	1.3	0.3	0.8	0.6	0.7	0.2	-0.5											
V. Lg. City	2.4	2.2	1.4	3.1	2.5	2.1	2.8	1.4	1.1	1.3	1.6	0.5	0.0	0.4	0.2	0.6	0.5	1.1	0.2	0.8	0.5	1.7	+1.2											

FIGURE 62
Trends in Annual Crystal Methamphetamine (Ice) Use by Gender (4 yr. Age Groupings)

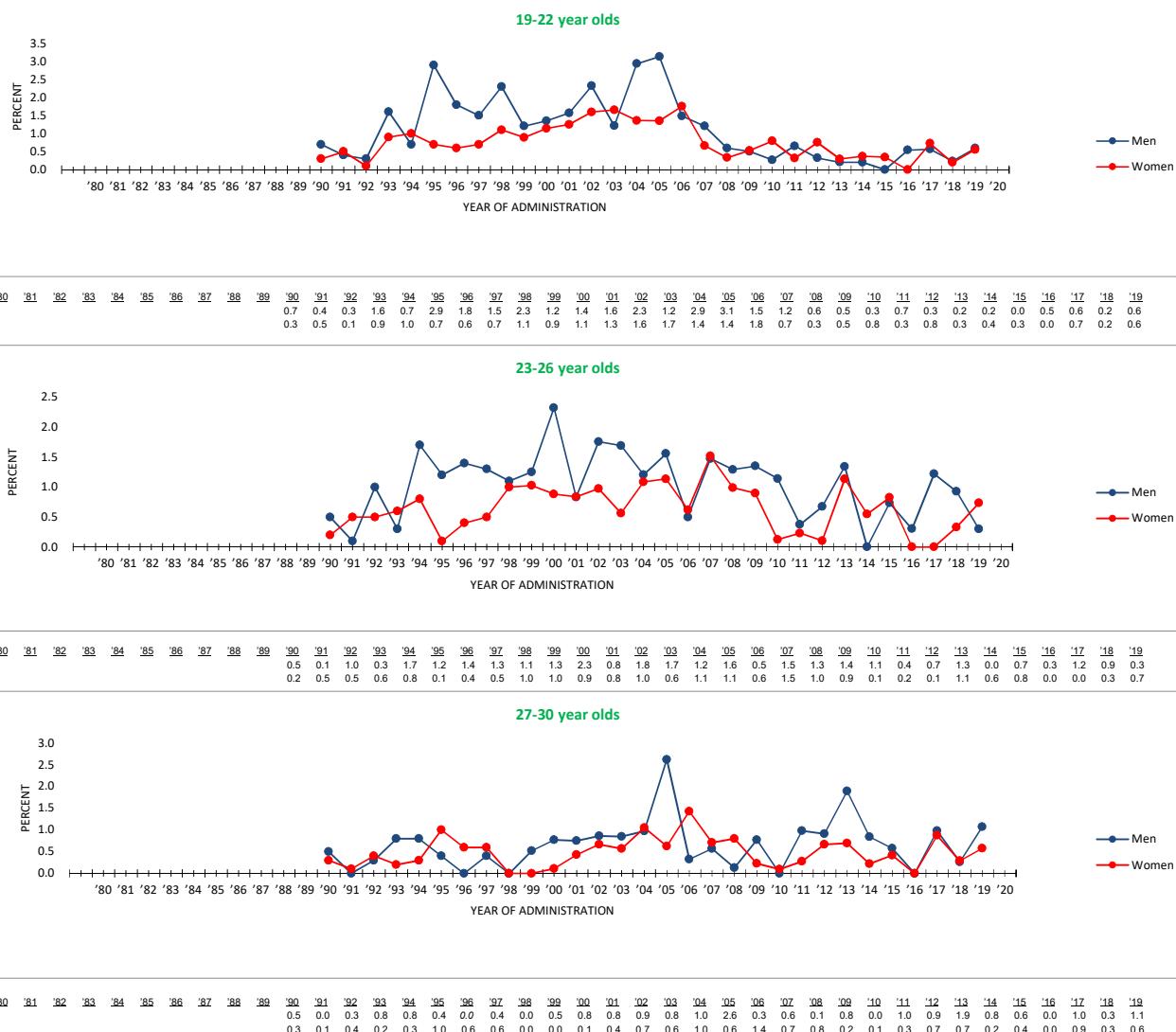


FIGURE 63
Trends in Crystal Meth (Ice) Use by Region (1-12 yrs. Past High School)

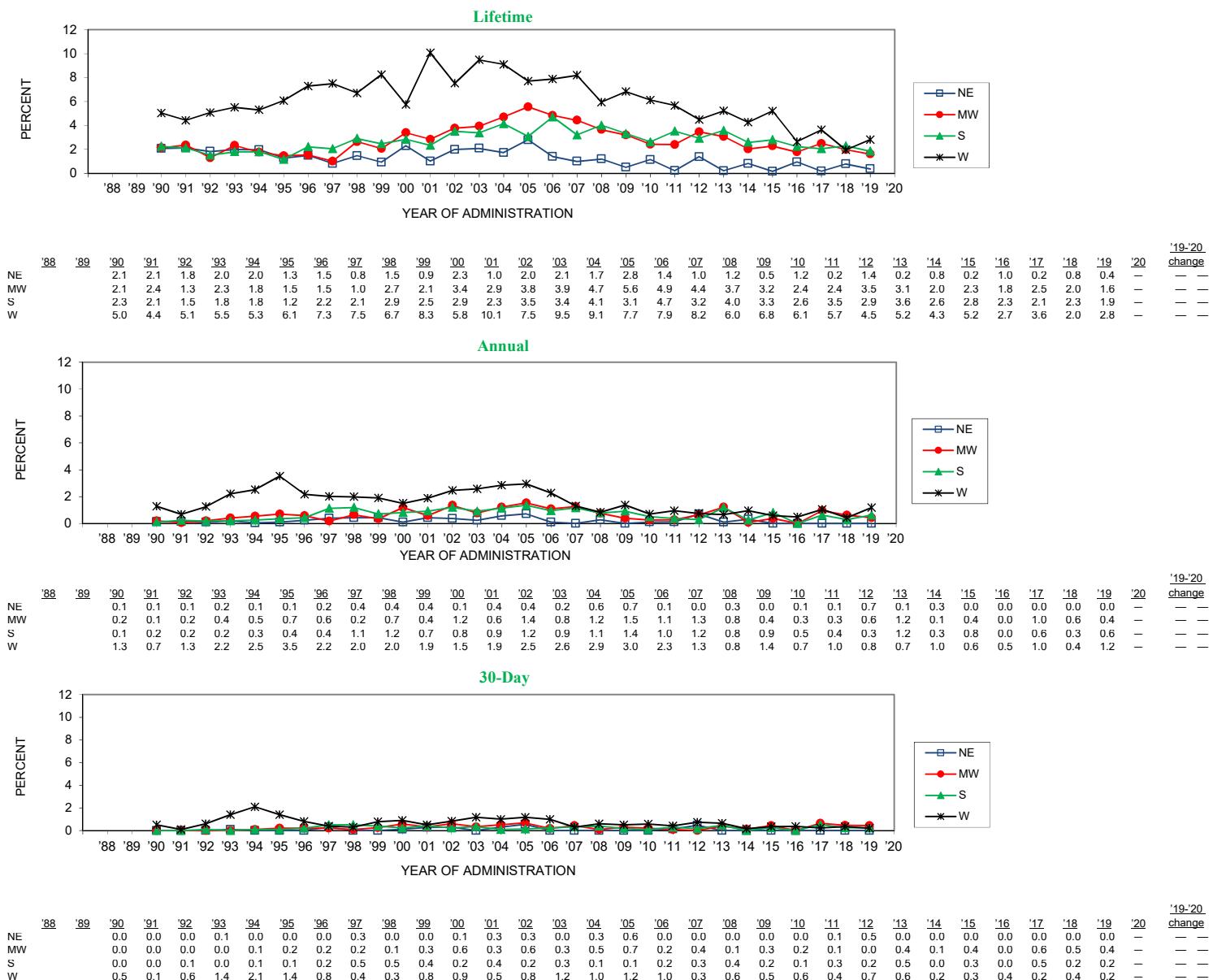
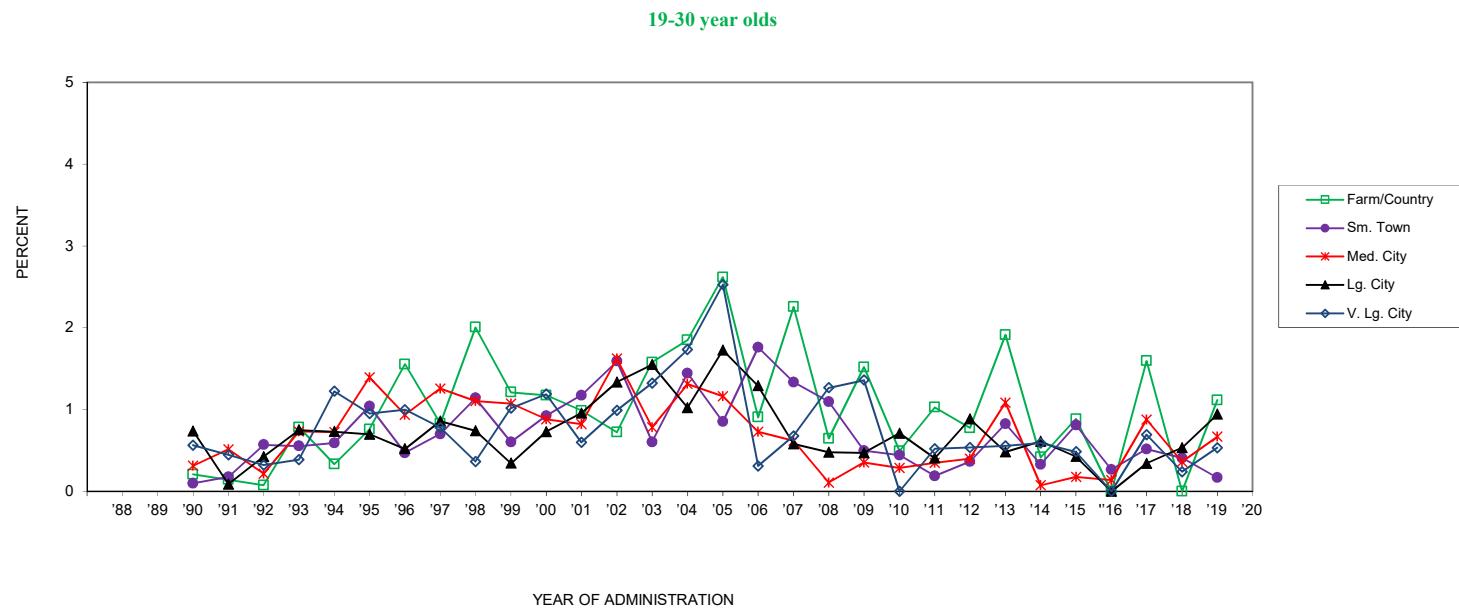


FIGURE 64
Trends in Annual Crystal Meth (Ice) Use by Population Density



	YEAR OF ADMINISTRATION																					'19-'20	change										
	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20
Farm/Country	0.2	0.1	0.8	0.3	0.8	1.6	0.8	2.0	1.2	1.0	0.7	1.6	1.9	2.6	0.9	2.3	0.6	1.5	0.5	1.0	0.8	1.9	0.4	0.9	0.0	1.6	0.0	1.1					
Sm. Town	0.1	0.2	0.6	0.6	1.0	0.5	0.7	1.1	0.6	0.9	1.2	1.6	0.6	1.4	0.9	1.8	1.3	1.1	0.5	0.4	0.2	0.4	0.8	0.3	0.5	0.4	0.2						
Med. City	0.3	0.5	0.2	0.7	1.4	0.9	1.3	1.1	1.1	0.9	0.8	1.6	0.8	1.3	1.2	0.7	0.6	0.1	0.4	0.3	0.4	0.4	1.1	0.1	0.2	0.1	0.9	0.4	0.7				
Lg. City	0.7	0.1	0.4	0.8	0.7	0.5	0.9	0.7	0.3	0.7	1.0	1.3	1.5	1.0	1.7	1.3	0.6	0.5	0.5	0.7	0.4	0.5	0.5	0.6	0.4	0.0	0.3	0.5	0.9				
V. Lg. City	0.6	0.4	0.3	0.4	1.2	1.0	1.0	0.8	0.4	1.0	1.2	0.6	1.0	1.3	1.7	2.5	0.3	0.7	1.3	1.4	0.0	0.5	0.5	0.6	0.6	0.5	0.0	0.7	0.2	0.5			

FIGURE 65
Trends in Annual Use of Bath Salts (Synthetic Stimulants) by Gender (4 yr. Age Groupings)

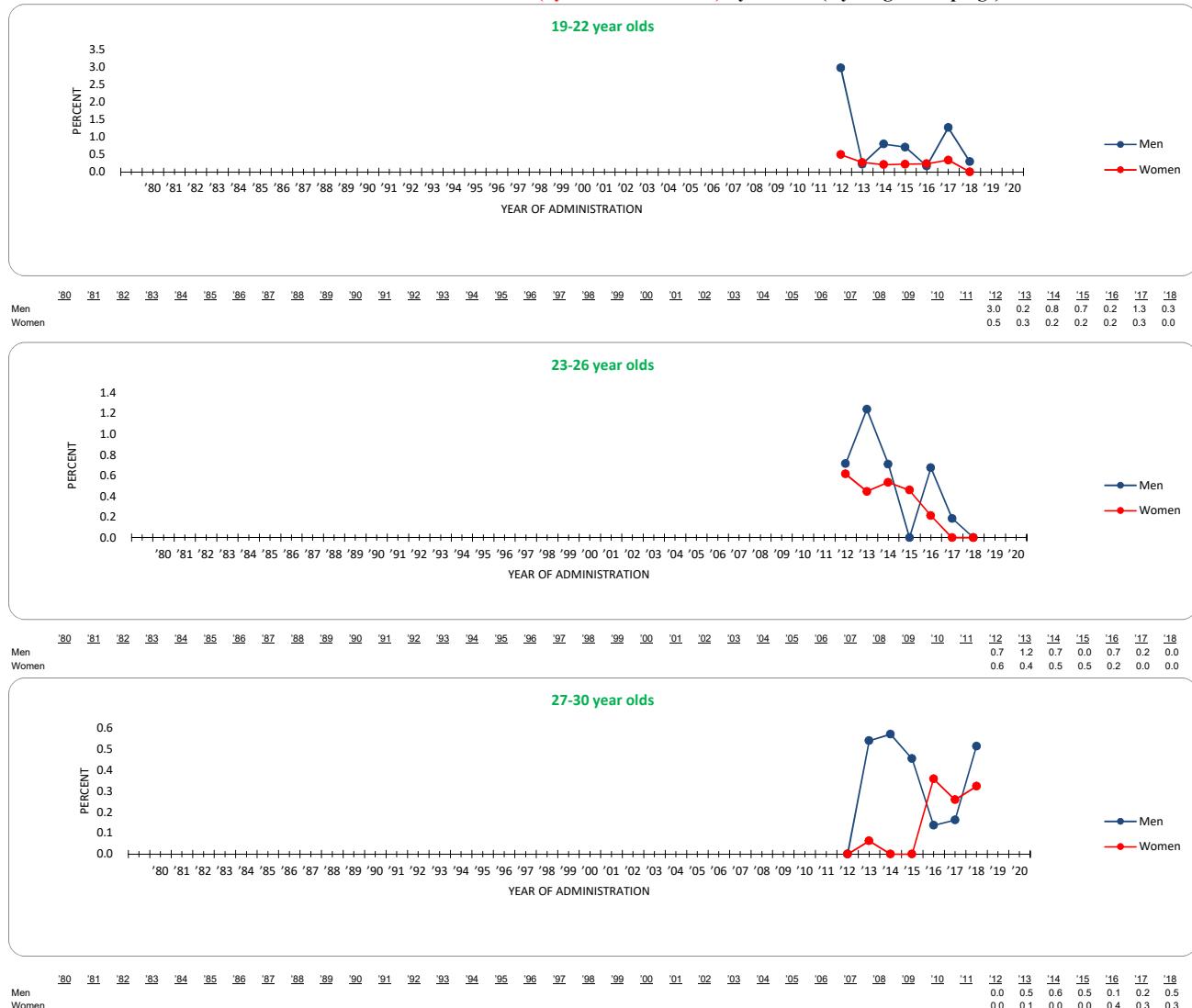


FIGURE 66
Trends in Use of Bath Salts (Synthetic Stimulants) by Region (1-12 yrs. Past High School)

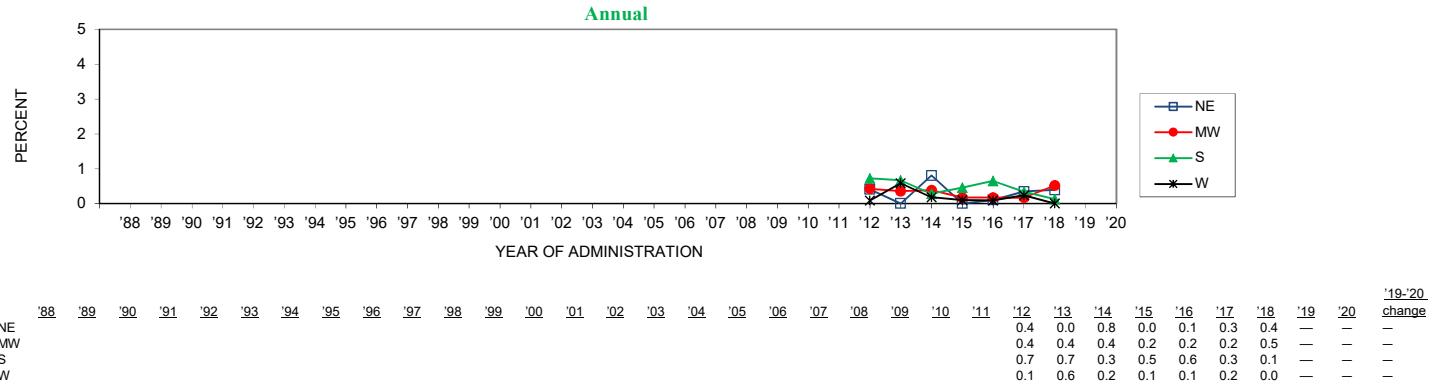


FIGURE 67
Trends in Annual Bath Salts (Synthetic Stimulants) Use by Population Density

19-30 year olds

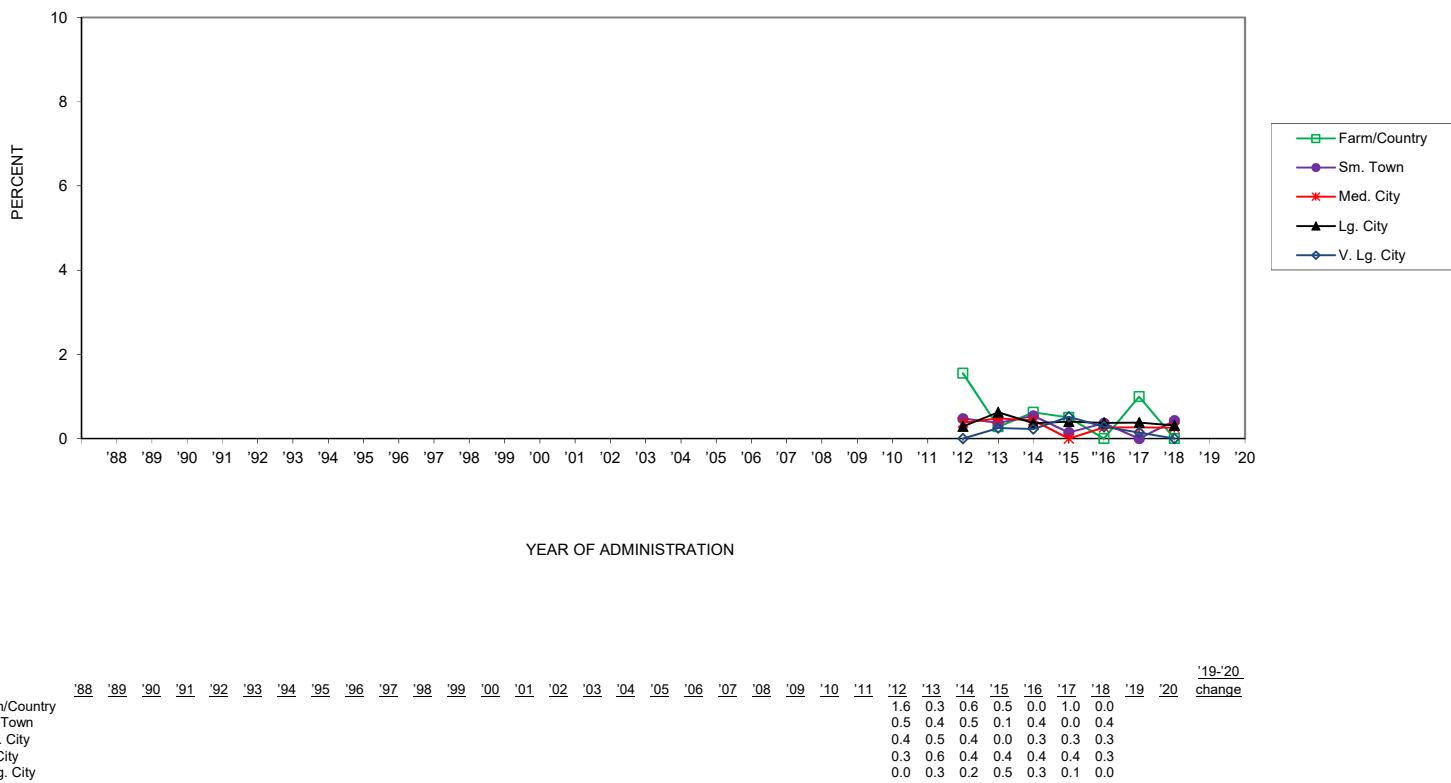


FIGURE 68
Trends in Annual Sedative (Barbiturate) Use by Gender (4 yr. Age Groupings)

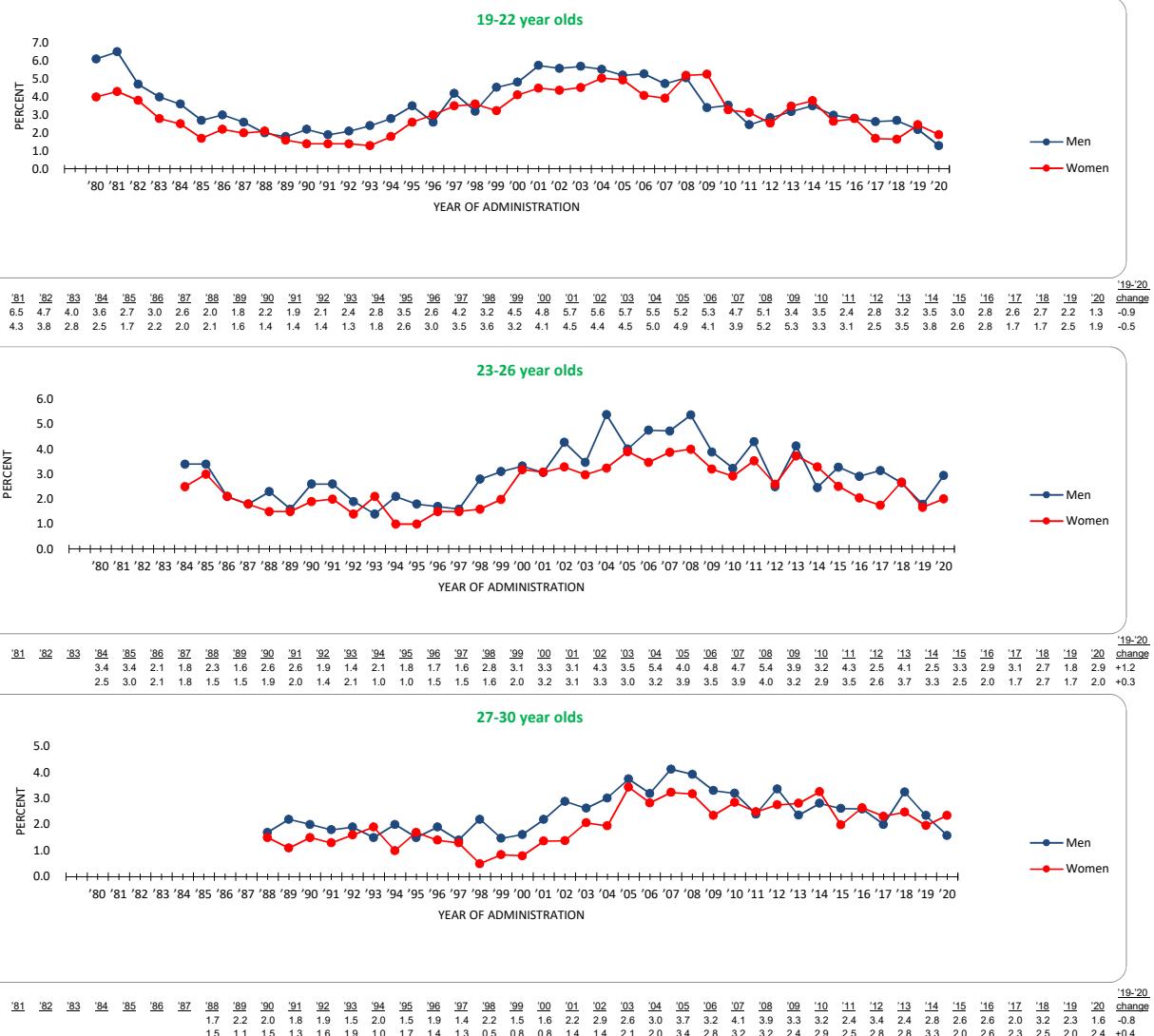


FIGURE 69
Trends in Sedative (Barbiturate) Use by Region (1-12 yrs. Past High School)

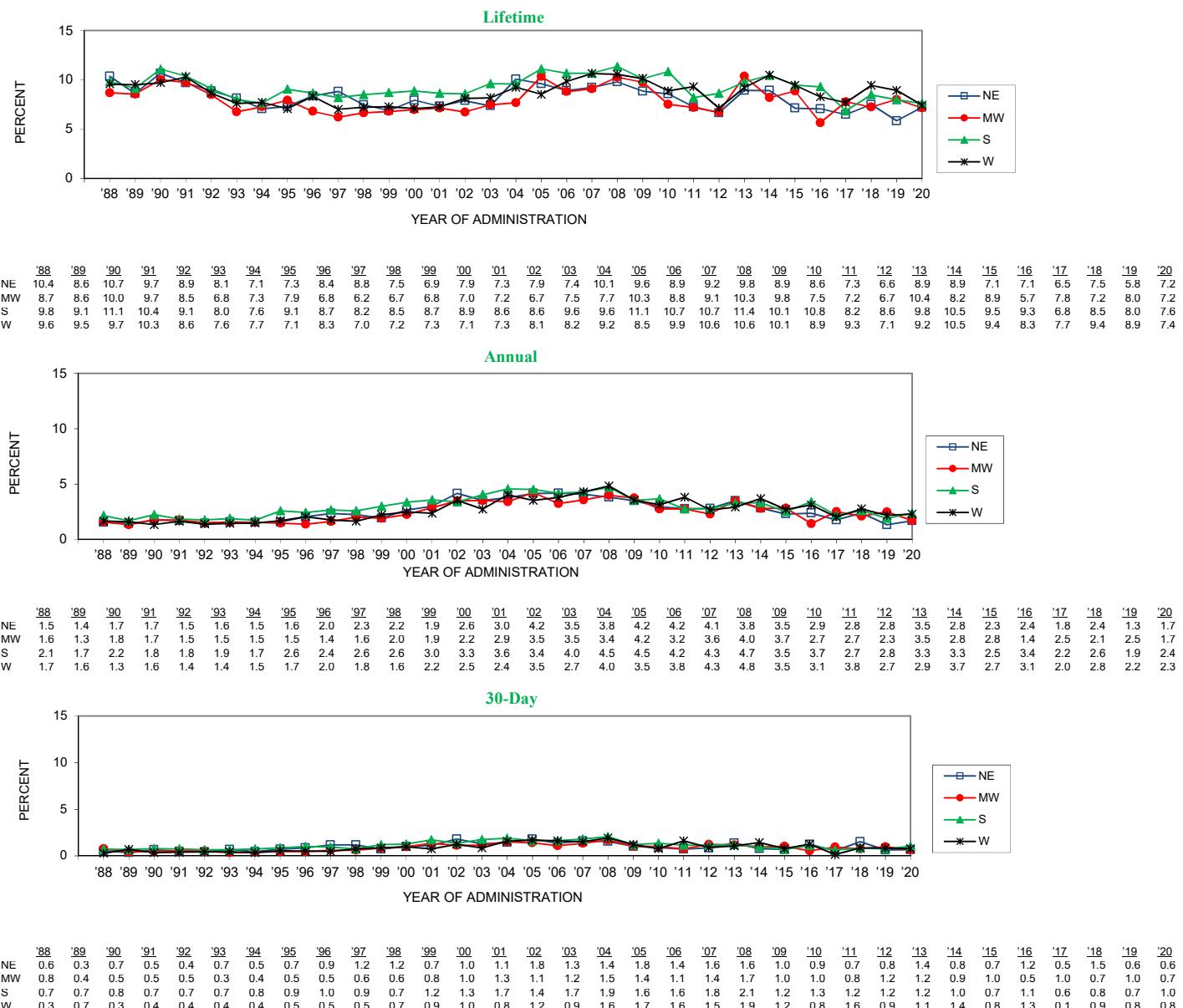
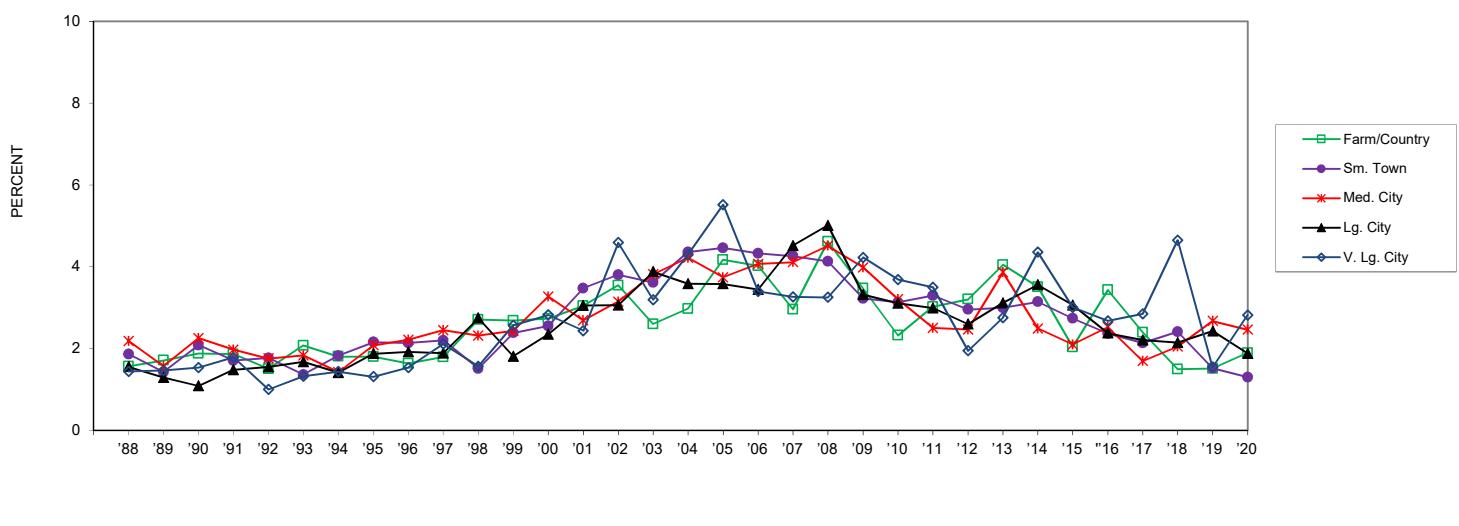


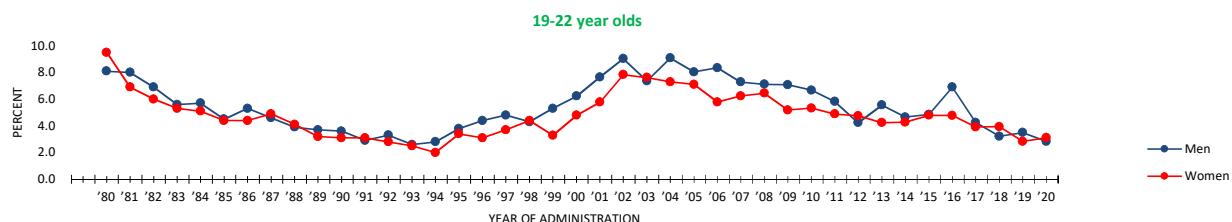
FIGURE 70
Trends in Annual Sedative (Barbiturate) Use by Population Density

19-30 year olds

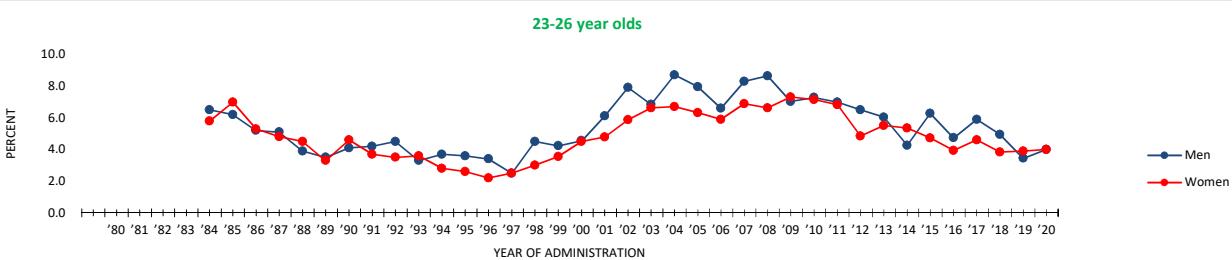


	YEAR OF ADMINISTRATION																						'19-'20											
	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	change
Farm/Country	1.6	1.7	1.9	1.9	1.5	2.1	1.8	1.8	1.6	1.8	2.7	2.7	2.7	3.0	3.5	2.6	3.0	4.2	4.0	3.0	4.6	3.5	2.3	3.0	3.2	4.0	3.5	2.0	3.4	2.4	1.5	1.9	+0.4	
Sm. Town	1.9	1.4	2.1	1.7	1.8	1.4	1.8	2.2	2.1	2.2	1.5	2.4	2.6	3.5	3.8	3.6	4.4	4.5	4.3	4.3	4.1	3.2	3.1	3.3	3.0	3.0	3.2	2.7	2.4	2.1	2.4	1.5	1.3	-0.2
Med. City	2.2	1.6	2.3	2.0	1.8	1.8	1.4	2.1	2.2	2.5	2.3	2.4	3.3	2.7	3.1	3.8	4.2	3.7	4.1	4.1	4.5	4.0	3.2	2.5	3.9	2.5	2.1	2.5	1.7	2.0	2.7	2.5	-0.5	
Lg. City	1.6	1.3	1.1	1.5	1.6	1.7	1.4	1.9	1.9	1.9	2.7	1.8	2.3	3.1	3.1	3.9	3.6	3.6	3.4	4.5	5.0	3.3	3.1	3.0	2.6	3.1	3.6	3.1	2.4	2.2	2.1	2.4	1.9	+1.3
V. Lg. City	1.4	1.5	1.5	1.8	1.0	1.3	1.4	1.3	1.5	2.1	1.6	2.6	2.8	2.4	4.6	3.2	4.3	5.5	3.4	3.3	3.3	4.2	3.7	3.5	1.9	2.8	4.4	3.0	2.7	2.8	4.7	1.5	2.8	+1.3

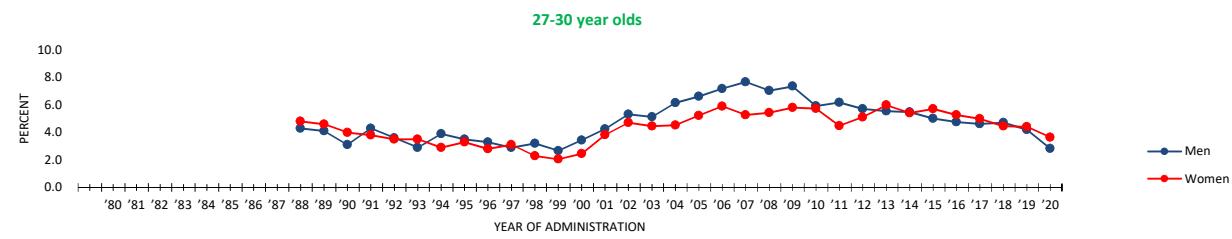
FIGURE 71
Trends in Annual Tranquillizer Use by Gender (4 yr. Age Groupings)



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-20 change	
Men	8.1	8.0	6.9	5.6	5.7	4.5	5.3	4.6	3.9	3.7	3.6	2.9	3.3	2.6	2.8	3.8	4.4	4.8	4.3	5.3	6.2	7.7	9.0	7.4	9.1	8.0	8.4	7.3	7.1	7.1	6.7	5.8	4.2	5.6	4.7	4.8	6.9	4.2	3.2	3.5	2.8	3.1	+0.3
Women	9.5	6.9	6.0	5.3	5.1	4.4	4.4	4.9	4.1	3.2	3.1	3.1	2.8	2.5	2.0	3.4	3.1	3.7	4.4	3.3	4.8	5.8	7.8	7.6	7.3	7.1	5.8	6.2	6.4	5.2	5.3	4.9	4.8	4.2	4.3	4.8	3.9	3.9	2.8	3.1	+0.3		



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-20 change
Men	6.5	6.2	5.2	5.1	3.9	3.5	4.1	4.2	4.5	3.3	3.7	3.6	3.4	2.5	4.5	4.2	4.6	6.1	7.9	6.9	8.7	8.0	6.6	8.3	8.7	7.0	7.3	7.0	6.5	6.0	4.3	6.3	4.7	5.9	4.9	3.4	4.0	+0.6				
Women	5.8	7.0	5.3	4.8	4.5	3.3	3.3	4.6	3.7	3.5	3.6	2.8	2.6	2.2	2.5	3.0	3.6	4.5	4.8	5.9	6.6	6.7	6.3	5.9	6.9	6.6	7.3	7.2	6.8	6.5	6.0	4.3	5.5	5.4	4.7	3.9	3.8	3.9	4.0	+0.1		



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-20 change
Men	4.3	4.1	3.1	4.3	3.6	2.9	3.9	3.5	3.3	2.9	3.2	2.7	3.4	4.2	5.3	5.1	6.2	6.6	7.2	7.7	7.0	7.3	5.9	6.2	5.7	5.5	5.5	5.0	4.8	4.6	4.7	4.2	2.8	-1.4								
Women	4.8	4.6	4.0	3.8	3.5	3.5	2.9	3.3	2.8	3.1	2.3	2.1	2.4	3.8	4.7	4.5	5.2	5.9	5.3	5.4	5.8	5.7	4.5	5.1	6.0	5.4	5.7	5.3	5.0	4.5	4.4	3.6	-0.8									

FIGURE 72
Trends in Tranquillizer Use by Region (1-12 yrs. Past High School)

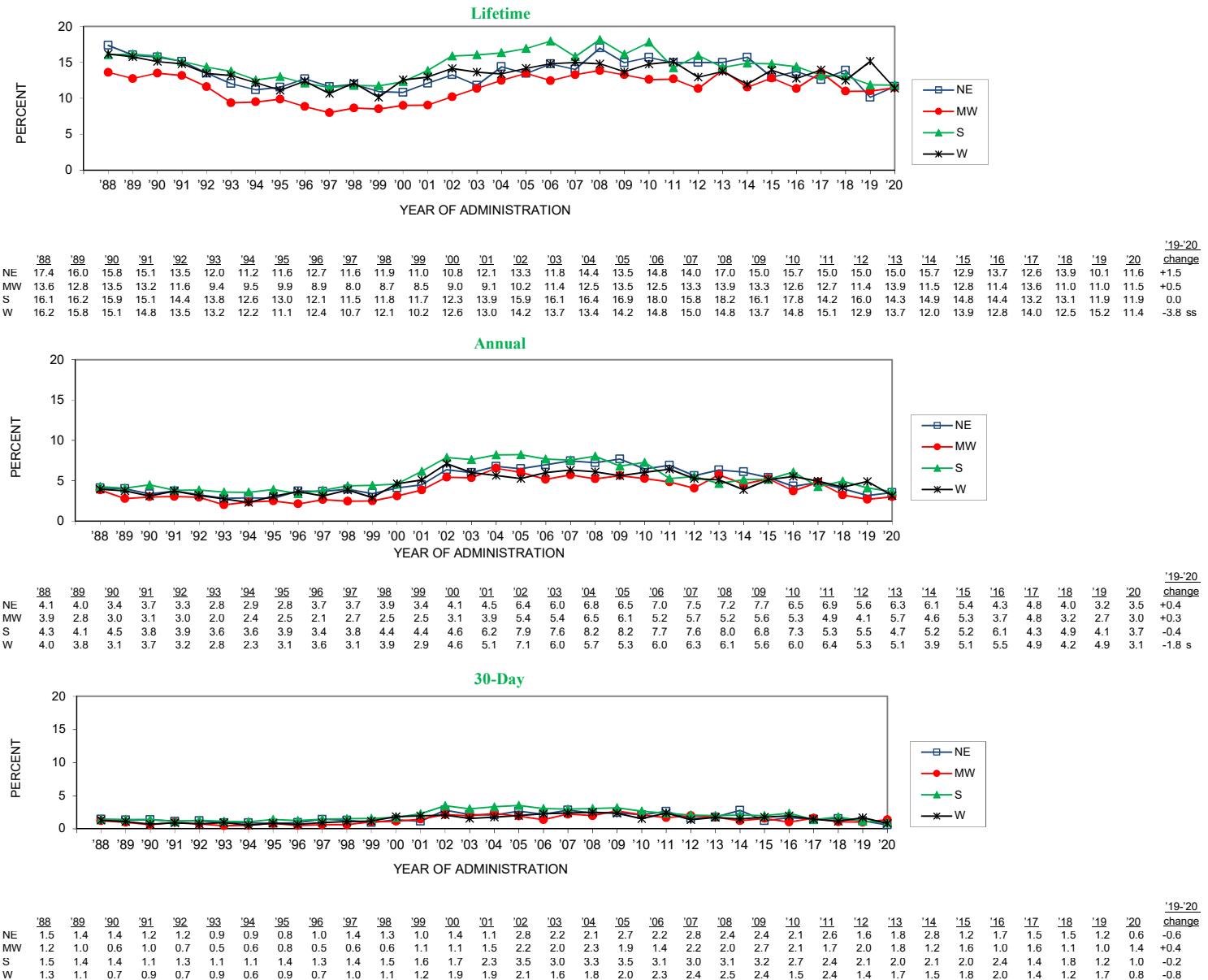
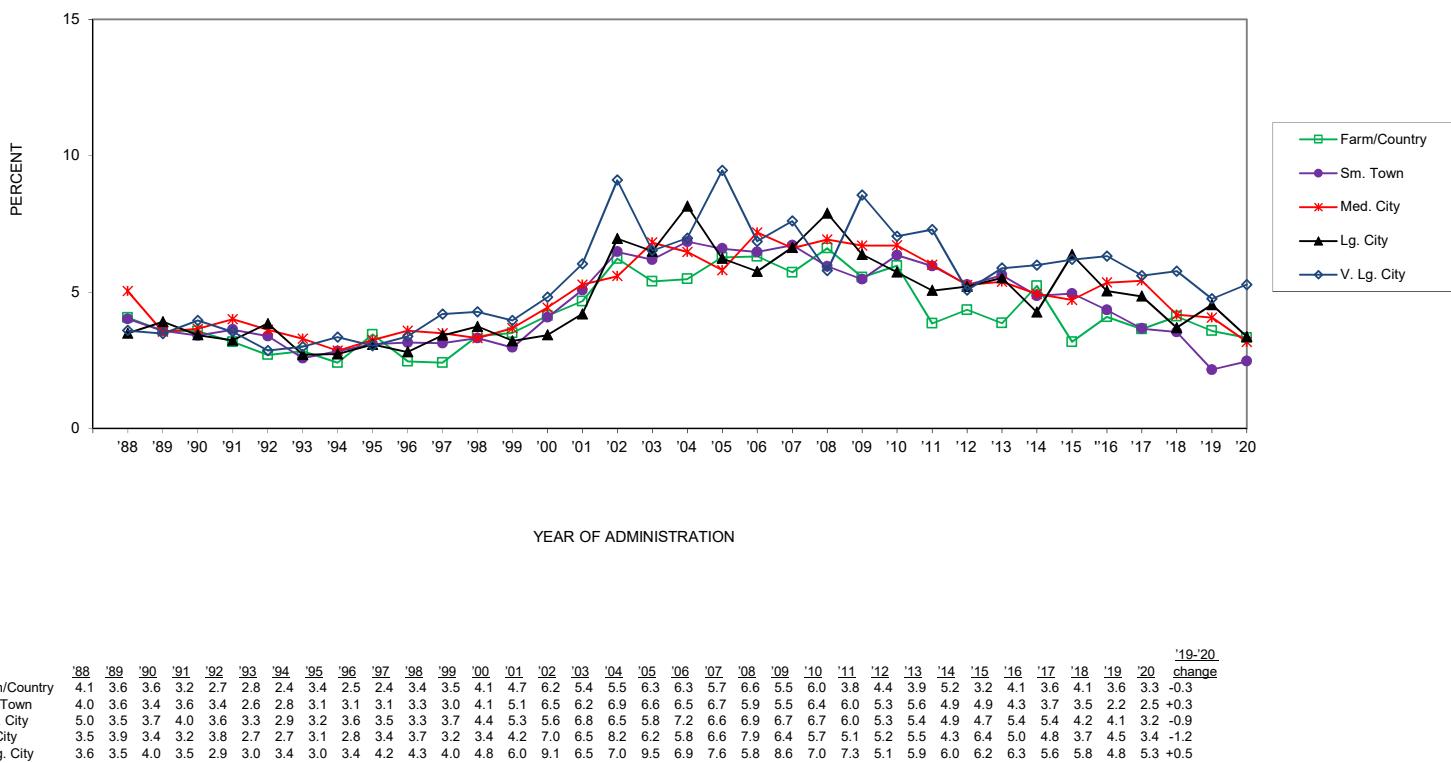


FIGURE 73
Trends in Annual **Tranquilizer** Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20	change
Farm/Country	4.1	3.6	3.6	3.2	2.7	2.8	2.4	3.4	2.5	2.4	3.4	3.5	4.1	4.7	6.2	5.4	5.5	6.3	5.7	6.6	5.5	6.0	3.8	4.4	3.9	5.2	3.2	4.1	3.6	3.3	-0.3				
Sm. Town	4.0	3.6	3.4	3.6	3.4	2.6	2.8	3.1	3.1	3.1	3.3	3.0	4.1	5.1	6.5	6.2	6.9	6.6	6.5	6.7	5.9	5.5	6.4	6.0	5.3	5.6	4.9	4.9	4.3	3.7	3.5	2.2	2.5	+0.3	
Med. City	5.0	3.5	3.7	4.0	3.6	3.3	2.9	3.2	3.6	3.5	3.3	3.7	4.4	5.3	5.6	6.8	6.5	5.8	7.2	6.6	6.9	6.7	6.7	6.0	5.3	5.4	4.9	4.7	5.4	5.4	4.2	4.1	3.2	-0.9	
Lg. City	3.5	3.9	3.4	3.2	3.8	2.7	2.7	3.1	2.8	3.4	3.7	3.2	3.4	4.2	4.2	7.0	6.5	8.2	6.2	5.8	6.6	7.9	6.4	5.7	5.1	5.2	5.5	4.3	6.4	5.0	4.8	3.7	4.5	3.4	-1.2
V. Lg. City	3.6	3.5	4.0	3.5	2.9	3.0	3.4	3.0	3.4	4.2	4.3	4.0	4.8	6.0	9.1	6.5	7.0	9.5	6.9	7.6	5.8	8.6	7.0	7.3	5.1	5.9	6.0	6.2	6.3	5.6	5.8	4.8	5.3	+0.5	

FIGURE 74
Trends in Annual Rohypnol by Gender (4 yr. Age Groupings)

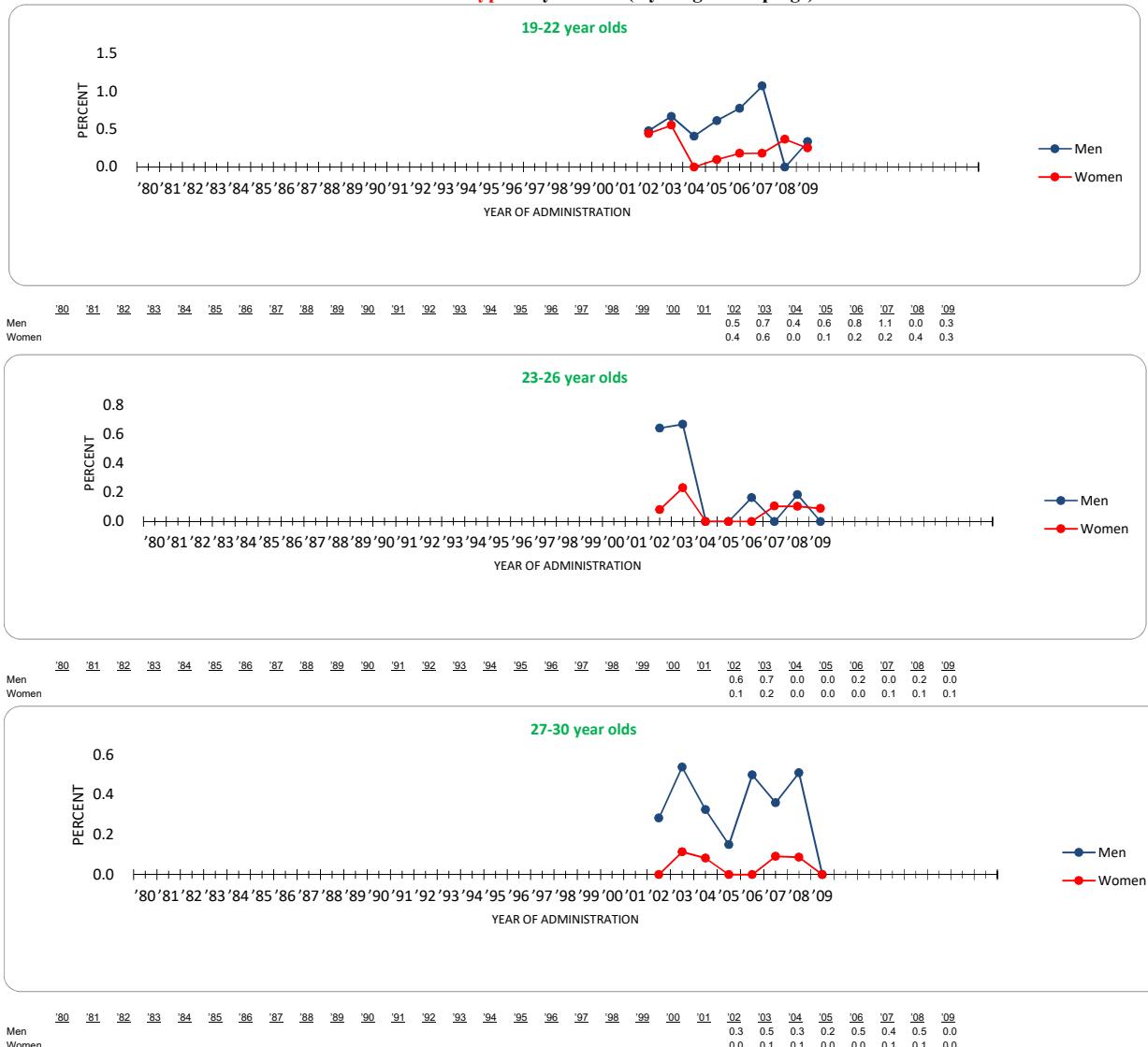


FIGURE 75
Trends in Rohypnol Use by Region (1-12 yrs. Past High School)

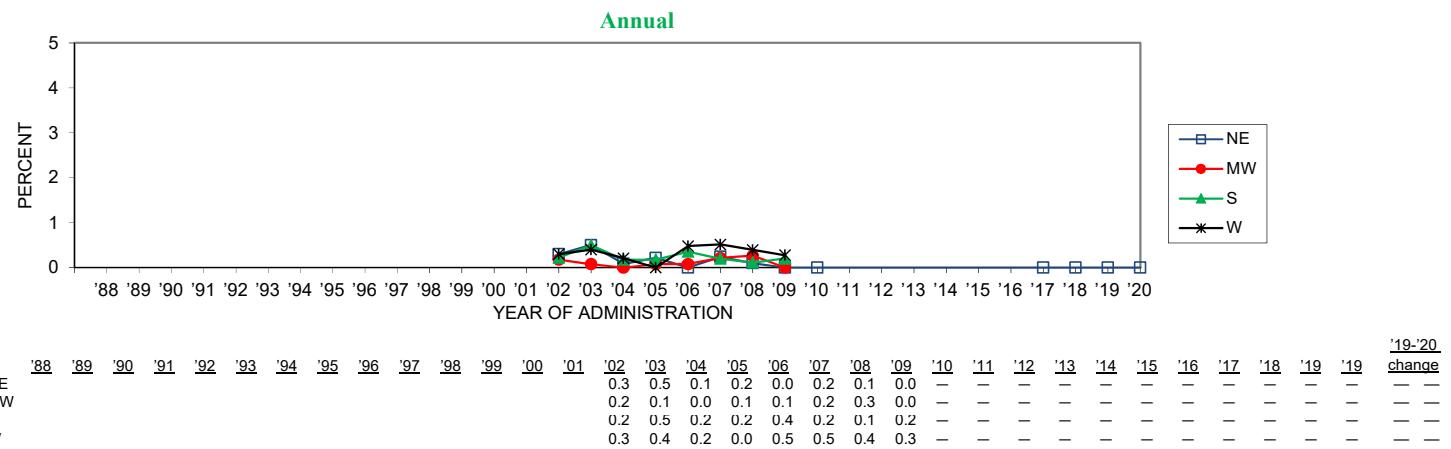


FIGURE 76
Trends in Annual GHB by Gender (4 yr. Age Groupings)

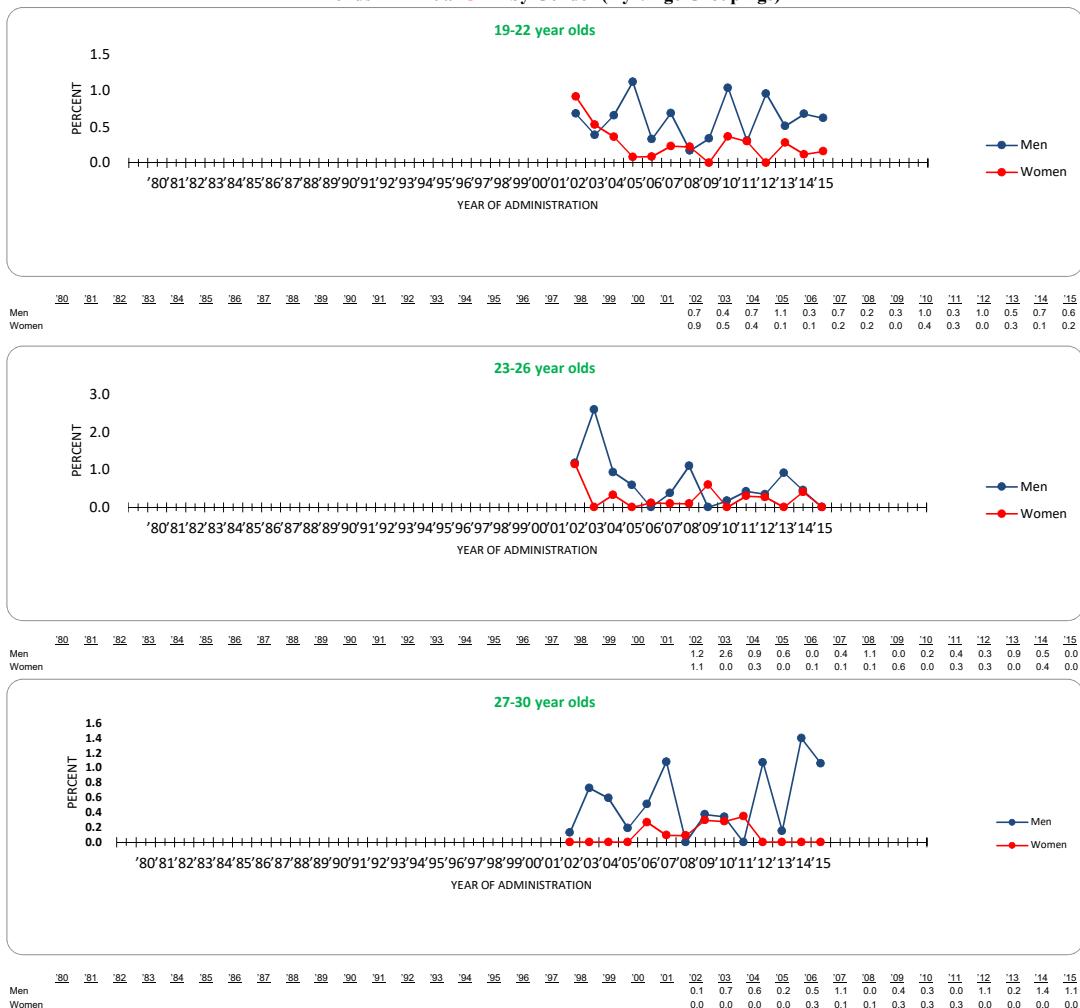


FIGURE 77
Trends in GHB Use by Region (1-12 yrs. Past High School)

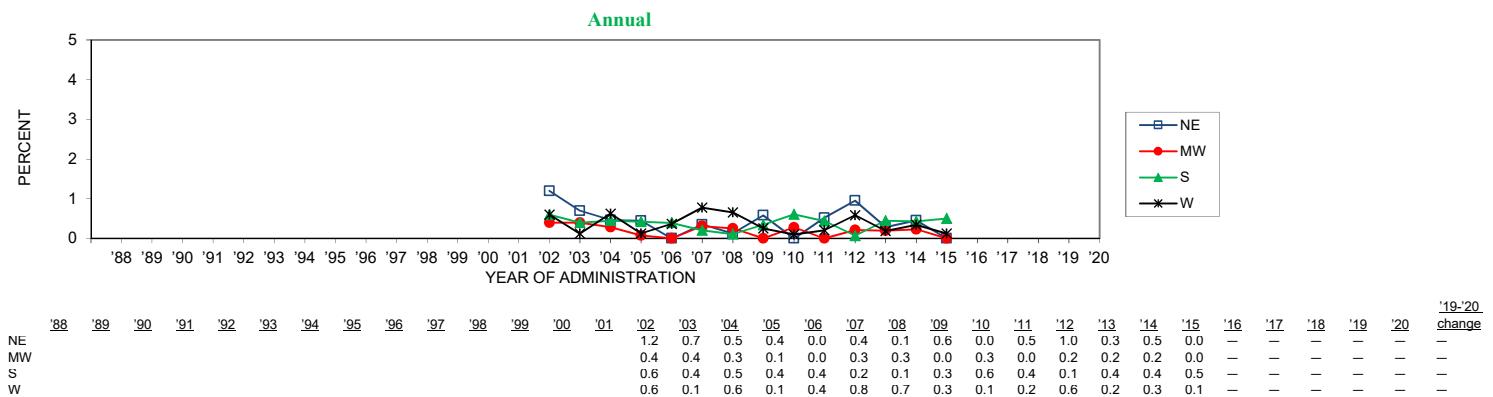
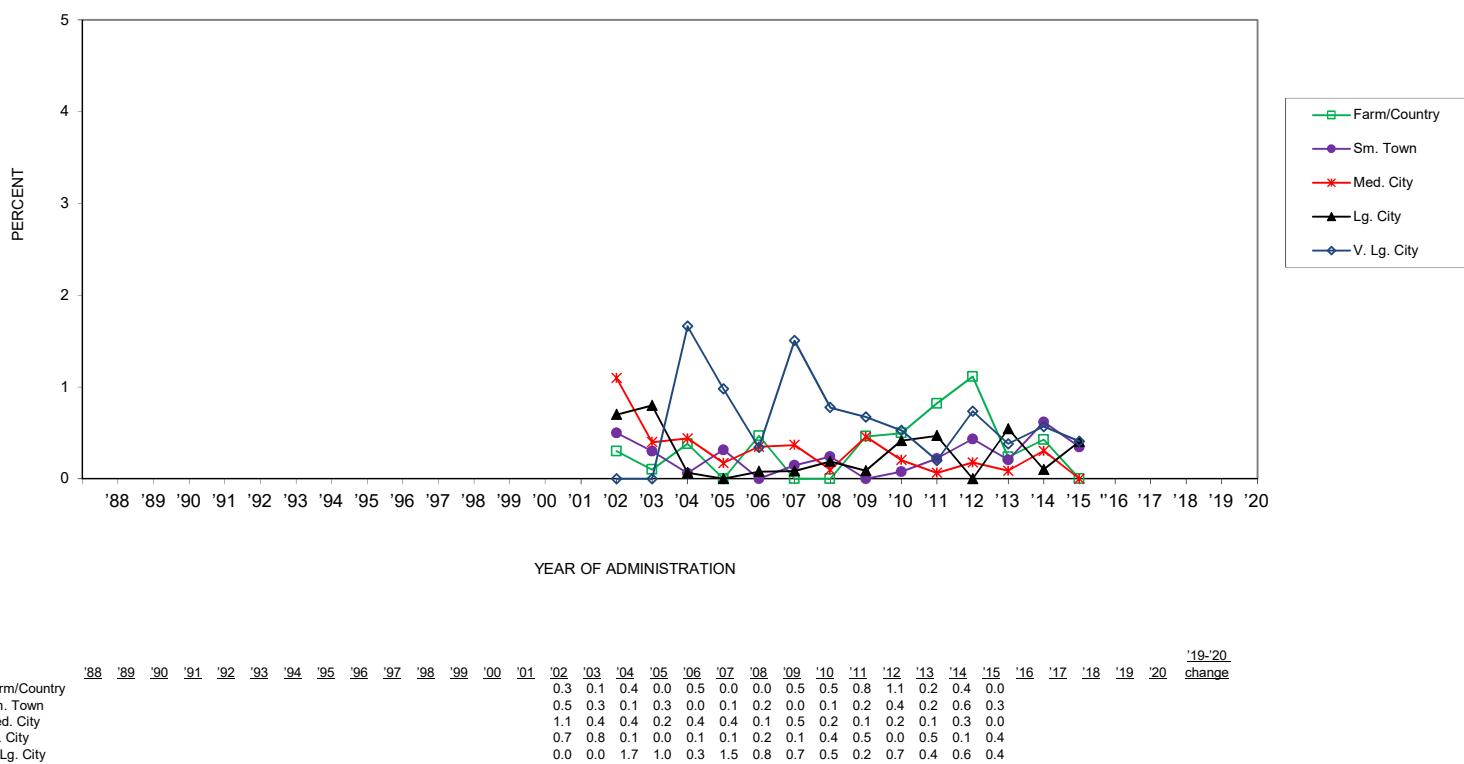


FIGURE 78
Trends in Annual **GHB** Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20	change
Farm/Country	0.3	0.1	0.4	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.5	0.8	1.1	0.2	0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Sm. Town	0.5	0.3	0.1	0.3	0.0	0.1	0.2	0.0	0.1	0.2	0.4	0.2	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Med. City	1.1	0.4	0.4	0.2	0.4	0.4	0.4	0.1	0.5	0.2	0.1	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Lg. City	0.7	0.8	0.1	0.0	0.1	0.1	0.2	0.1	0.4	0.5	0.0	0.5	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
V. Lg. City	0.0	0.0	1.7	1.0	0.3	1.5	0.8	0.7	0.5	0.2	0.7	0.4	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FIGURE 79
Trends in Annual Ketamine by Gender (4 yr. Age Groupings)

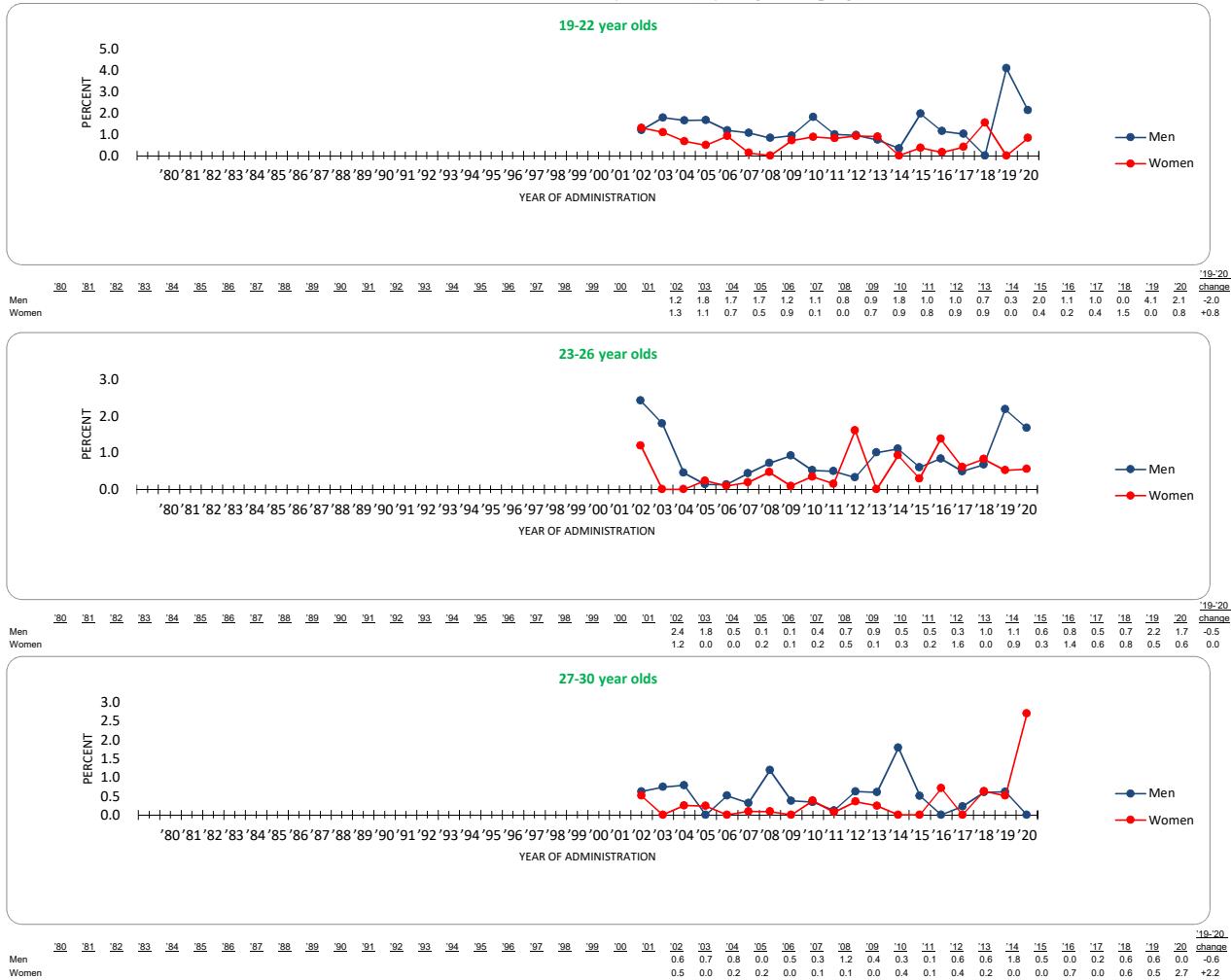


FIGURE 80
Trends in Ketamine Use by Region (1-12 yrs. Past High School)

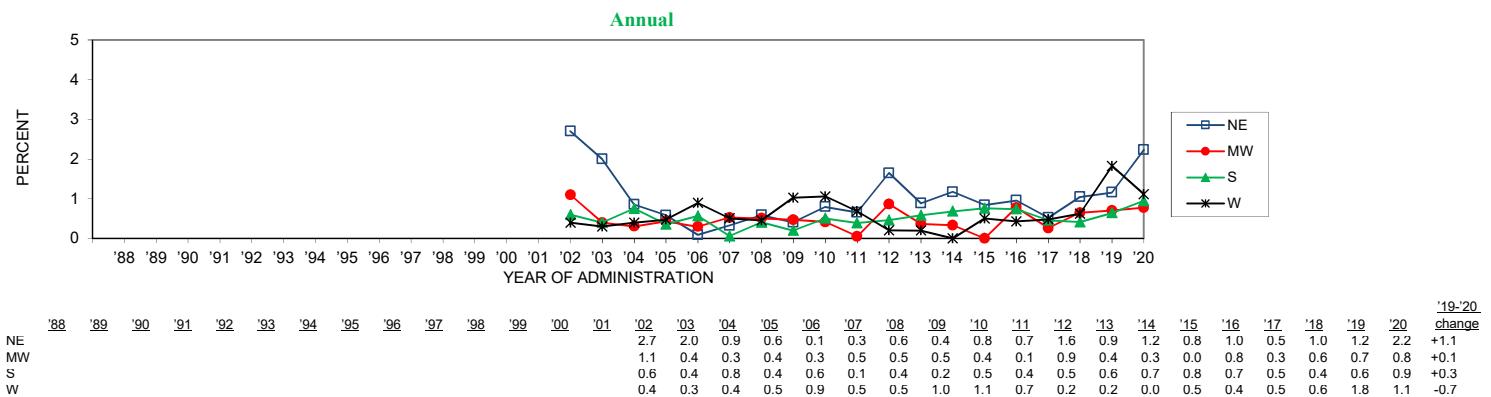
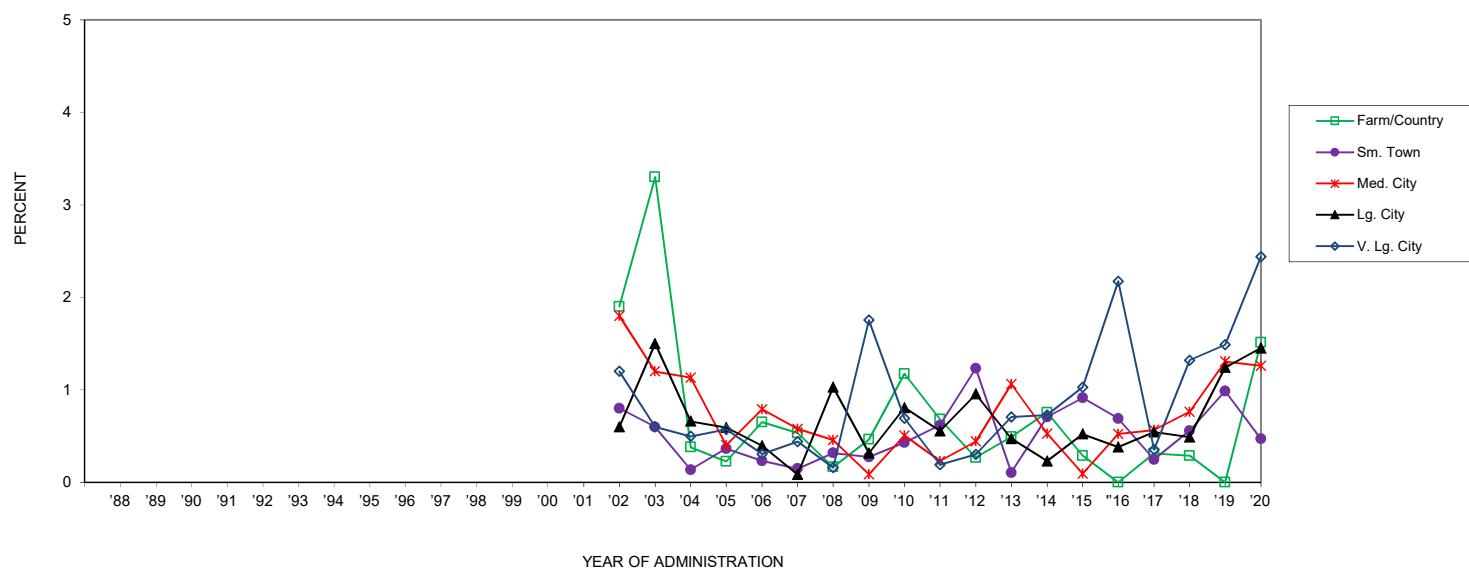


FIGURE 81
Trends in Annual Ketamine Use by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20	change			
Farm/Country	1.9	3.3	0.4	0.2	0.7	0.5	0.2	0.5	1.2	0.7	0.3	0.5	0.8	0.3	0.0	0.3	0.0	1.5	+1.5																			
Sm. Town	0.8	0.6	0.1	0.4	0.2	0.1	0.3	0.3	0.4	0.6	1.2	0.1	0.7	0.9	0.7	0.2	0.6	1.0	0.5	-0.5																		
Med. City	1.8	1.2	1.1	0.4	0.8	0.6	0.5	0.1	0.5	0.2	0.4	1.1	0.5	0.1	0.5	0.6	0.8	1.3	1.3	0.0																		
Lg. City	0.6	1.5	0.7	0.6	0.4	0.1	1.0	0.3	0.8	0.6	1.0	0.5	0.2	0.5	0.4	0.5	0.5	0.5	1.2	1.5	+0.2																	
V. Lg. City	1.2	0.6	0.5	0.6	0.3	0.4	0.2	1.8	0.7	0.2	0.3	0.7	0.7	1.0	2.2	0.4	1.3	1.5	2.4	+1.0																		

FIGURE 82
Trends in 30-Day Alcohol Use by Gender (4 yr. Age Groupings)

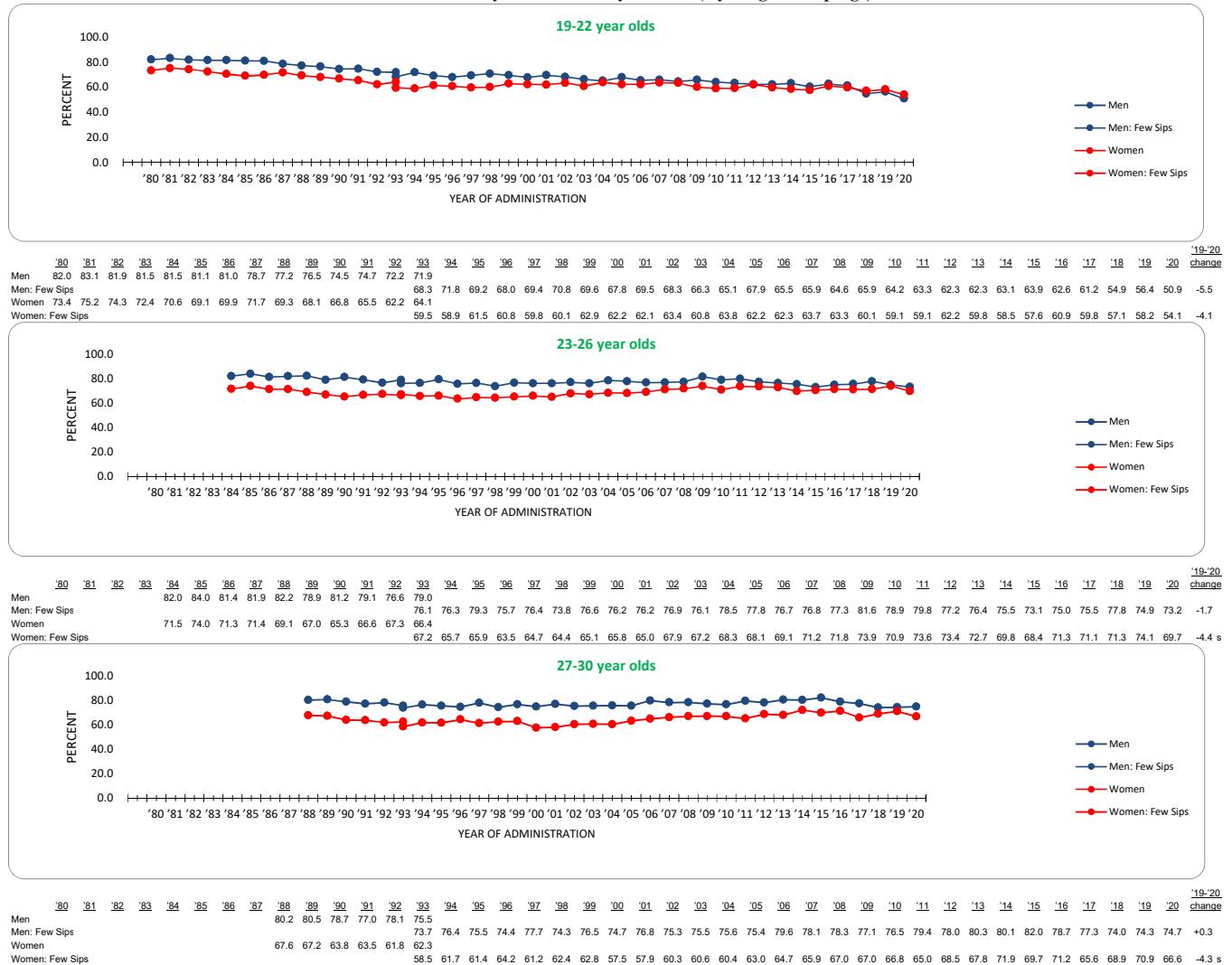


FIGURE 83
Trends in Daily **Alcohol** Use by Gender (4 yr. Age Groupings)

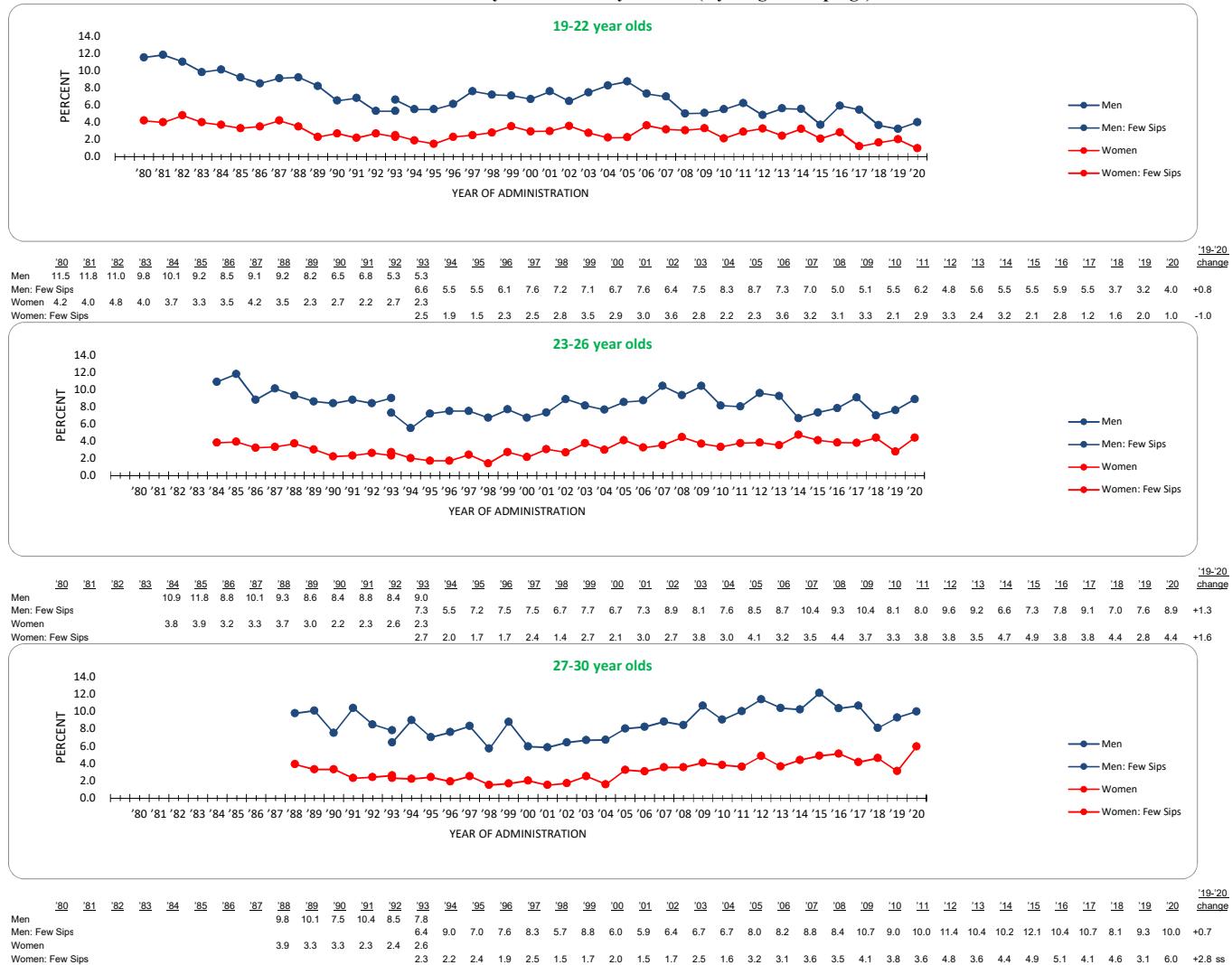


FIGURE 84
Trends in Two-Week Binge Drinking by Gender (4 yr. Age Groupings)

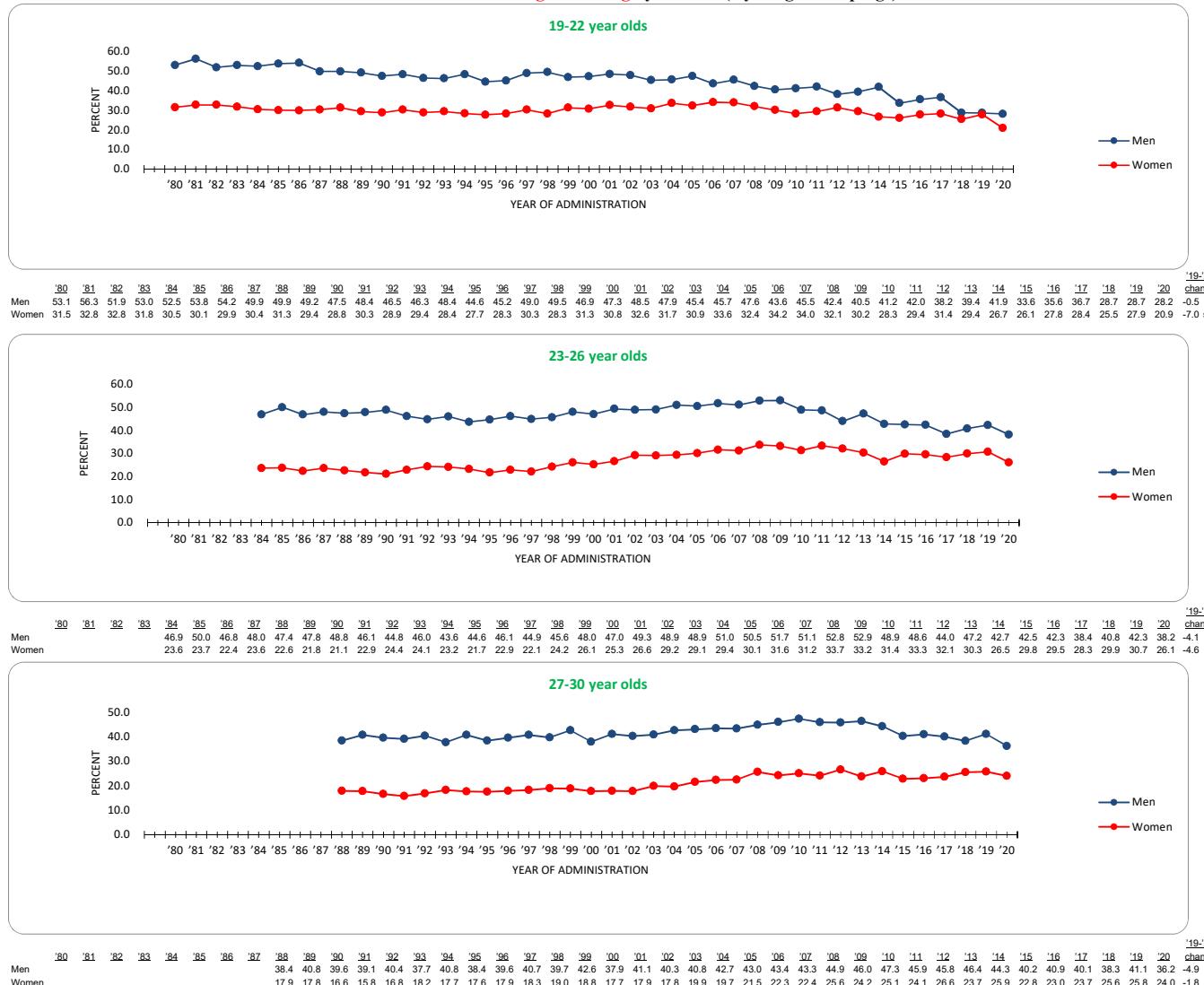
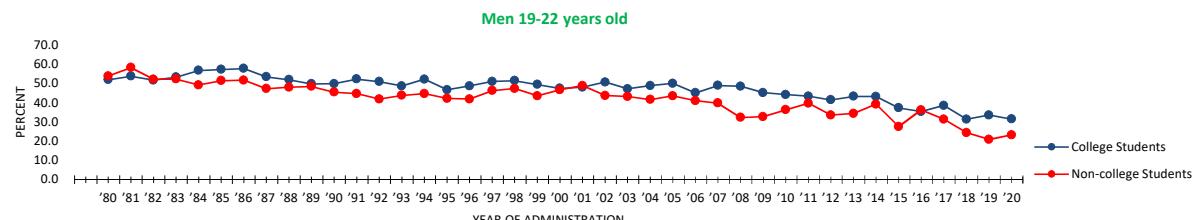


FIGURE 85
Trends in Two-Week Binge Drinking by College Student Status (by Gender)



	'19-20 change	
CS	52.0	-2.1
NCS	53.9	+2.3

Women 19-22 years olds

	'19-20 change	
CS	29.4	-11.6 sss
NCS	31.4	+1.4

FIGURE 86
Trends in Alcohol Use by Region (1-12 yrs. Past High School)

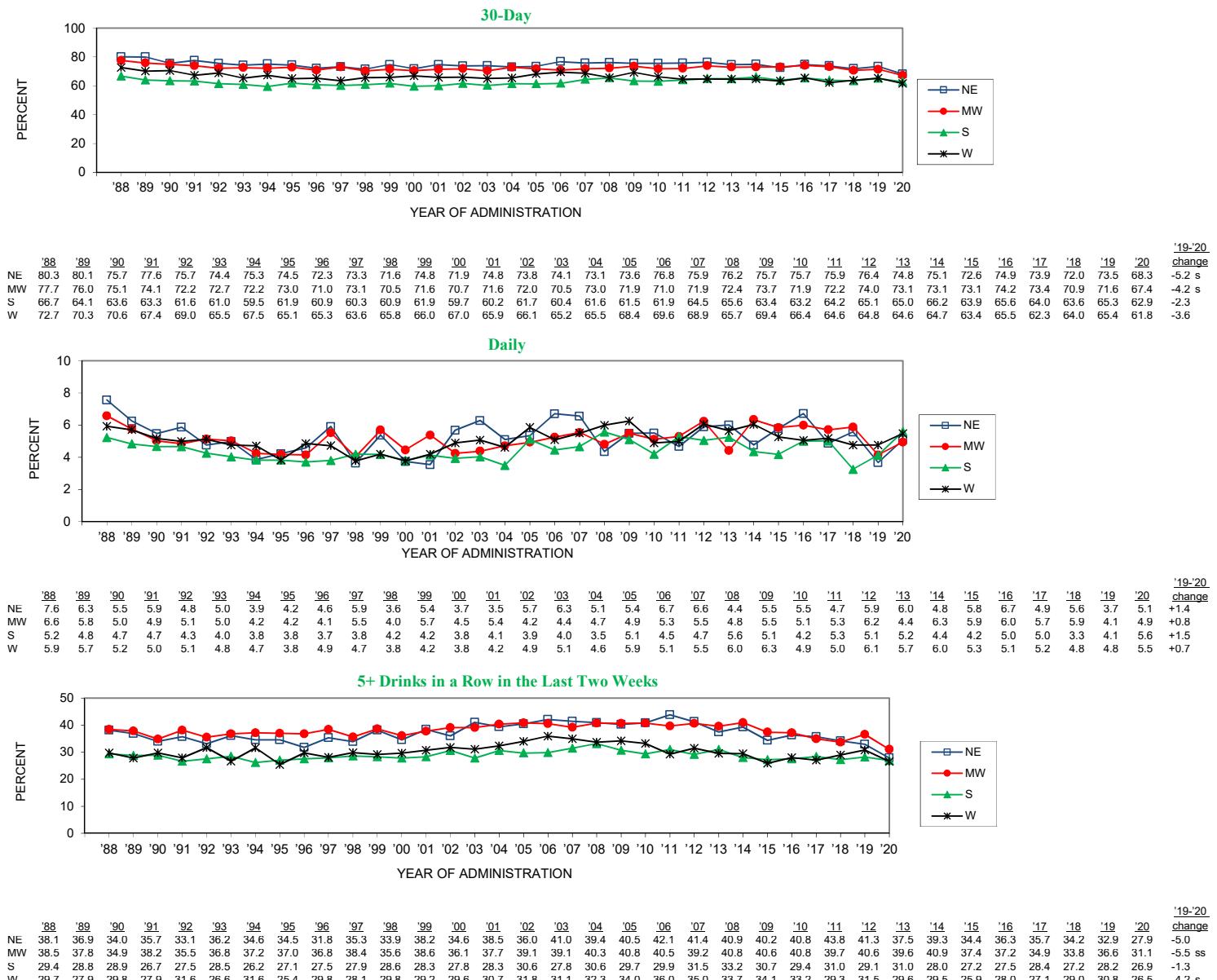
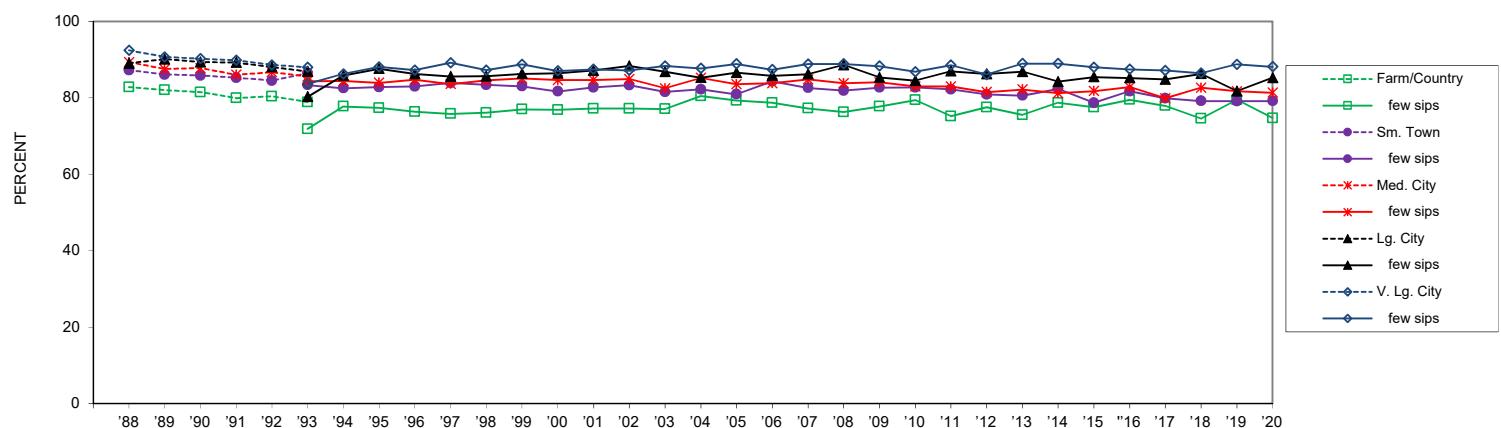


FIGURE 87
Trends in Annual Alcohol Use by Population Density

19-30 year olds

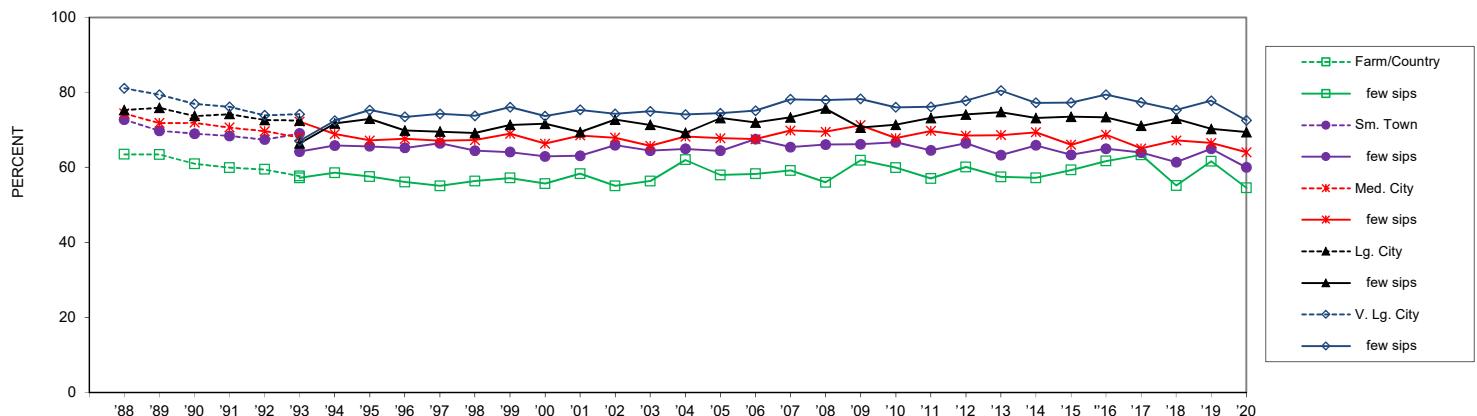


	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change	
Farm/Country	82.8	82.0	81.5	79.9	80.4	78.9	71.9	77.8	77.4	76.4	75.9	76.2	77.0	76.9	77.3	77.1	80.5	79.3	78.8	77.8	77.3	76.3	77.8	79.5	75.2	77.6	75.6	78.8	77.6	79.6	77.9	74.6	79.5	74.7	-4.8
Sm. Town	87.3	86.1	85.9	85.3	84.5	86.5	83.4	82.6	82.8	83.0	83.9	83.5	83.0	81.7	82.8	83.3	81.6	82.3	81.0	84.3	82.6	81.9	82.7	82.8	82.3	80.9	80.6	82.4	78.8	81.8	79.9	79.2	79.2	0.0	
Med. City	89.4	87.5	87.8	86.1	86.8	85.6	84.4	84.4	84.0	84.8	83.7	84.6	85.1	84.7	84.7	84.9	82.5	85.2	83.6	83.9	84.9	83.9	84.1	83.0	83.0	81.6	82.2	81.2	81.8	82.9	79.9	82.7	81.8	-0.4	
Lg. City	89.1	90.1	89.4	89.3	88.1	86.9	80.3	85.9	87.7	86.3	85.6	85.7	86.3	86.5	87.2	88.4	86.9	85.3	86.6	85.8	86.2	88.7	85.4	84.5	87.0	86.3	86.9	84.3	85.5	85.2	84.9	86.3	81.7	85.3	+3.5 s
V. Lg. City	92.4	90.7	90.3	89.8	88.6	88.0	83.7	86.3	88.1	87.3	89.2	87.3	88.8	87.1	87.5	87.2	88.4	87.8	88.9	87.4	88.9	88.9	88.3	86.9	88.6	86.1	89.0	89.0	88.0	87.5	87.2	86.5	88.8	88.2	-0.6

Note: The alcohol prevalence question was changed in 1993 in 3 of the forms and in 1994 in all 6 forms in order to exclude consumption of less than a "few sips." Ns in 1993 are one half the usual for both prevalences.

FIGURE 88
Trends in Thirty-Day Alcohol Use by Population Density

19-30 year olds

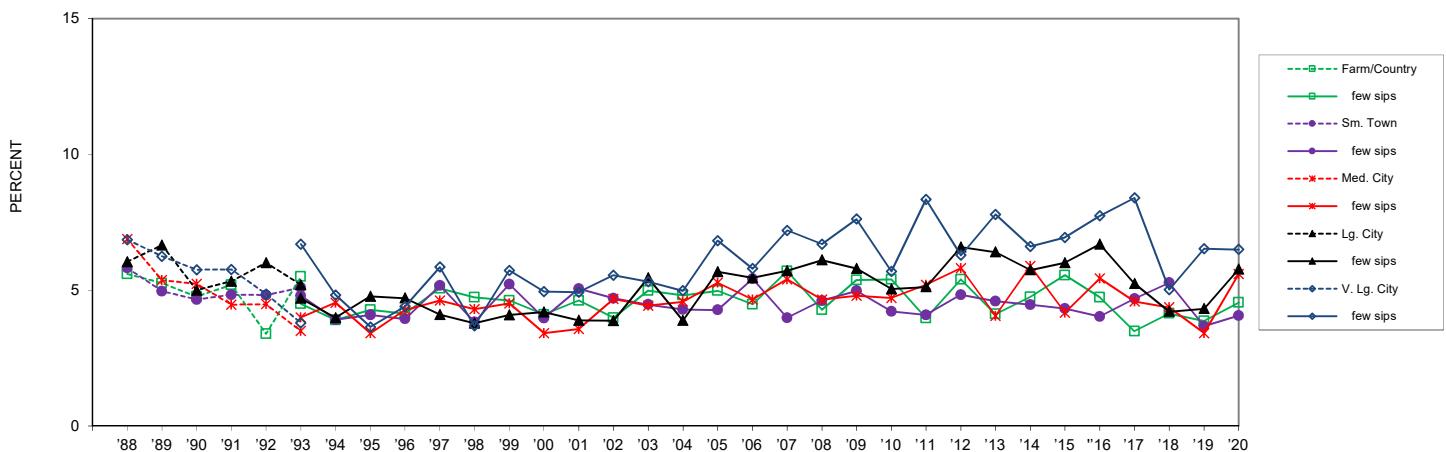


	'19-20 change	
Farm/Country	63.5	-7.0
few sips	57.2	-5.6
Sm. Town	72.7	-5.0
few sips	64.2	-8.5
Med. City	74.4	-5.0
few sips	72.2	-2.5
Lg. City	75.3	-2.5
few sips	66.4	-8.9
V. Lg. City	81.1	-0.9
few sips	67.1	-5.3

Note: The alcohol prevalence question was changed in 1993 in 3 of the forms and in 1994 in all 6 forms in order to exclude consumption of less than a "few sips." N's in 1993 are one half the usual for both prevalences.

FIGURE 89
Trends in Daily Alcohol Use by Population Density

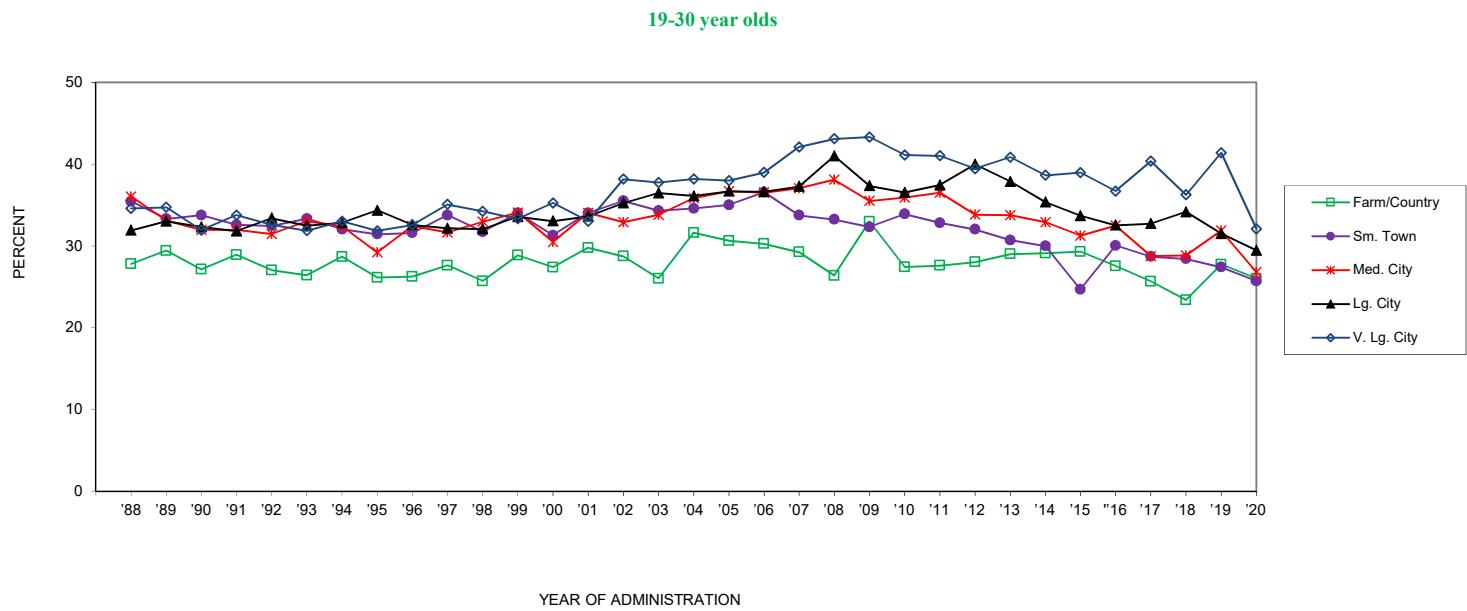
19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20	change	
Farm/Country	5.6	5.3	4.8	5.2	3.4	5.5	4.5	3.9	4.3	4.1	5.1	4.7	4.6	4.1	4.6	4.0	5.0	4.8	5.0	4.5	5.7	4.3	5.4	5.4	4.0	5.4	4.1	4.8	5.6	4.7	3.5	4.1	3.9	4.5	+0.7	
few sips																																				
Sm. Town	5.8	5.0	4.7	4.8	4.8	5.1	4.8	3.9	4.1	3.9	5.2	3.8	5.2	4.0	5.1	4.7	4.5	4.3	4.3	5.4	4.0	4.6	5.0	4.2	4.1	4.8	4.6	4.5	4.3	4.0	4.7	5.3	3.7	4.1	+0.4	
Med. City	6.9	5.4	5.2	4.5	4.5	3.5	4.0	4.5	3.4	4.3	4.6	4.3	4.5	3.4	3.6	4.7	4.4	4.6	5.3	4.7	5.4	4.1	4.8	4.6	4.5	4.3	4.0	4.7	5.3	3.7	4.1	+0.4				
Lg. City	6.0	6.7	5.0	5.3	6.0	5.2	4.0	4.5	3.4	4.3	4.6	4.3	4.5	3.4	3.6	4.7	4.4	4.6	5.3	4.7	5.4	4.2	4.1	5.9	4.2	5.4	4.6	4.4	3.4	5.6	+2.2	s				
few sips																																				
V. Lg. City	6.9	6.2	5.8	5.8	4.9	3.8	6.7	4.8	3.6	4.4	5.9	3.7	5.7	4.9	4.9	5.6	5.3	5.0	6.8	5.8	7.2	6.7	7.6	5.7	8.4	6.3	7.8	6.6	6.9	7.7	8.4	5.0	6.5	6.5	0.0	
few sips																																				

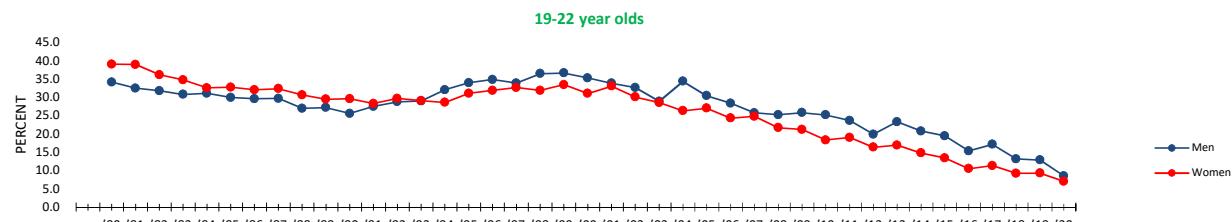
Note: The alcohol prevalence question was changed in 1993 in 3 of the forms and in 1994 in all 6 forms in order to exclude consumption of less than a "few sips." Ns in 1993 are one half the usual for both prevalences.

FIGURE 90
Trends in Binge Drinking by Population Density

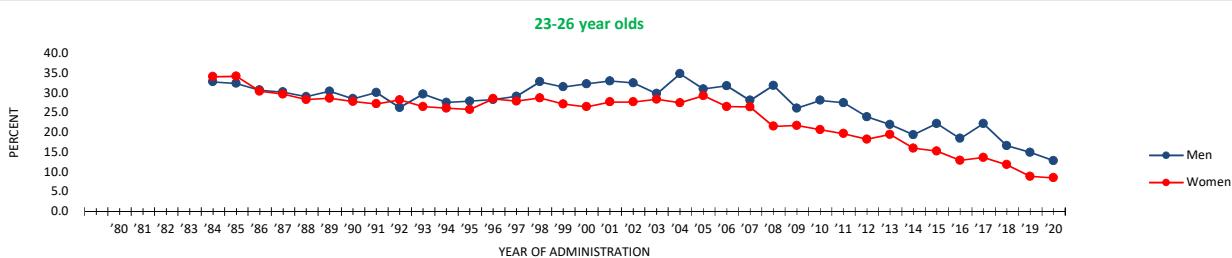


	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change	
Farm/Country	27.8	29.4	27.1	28.9	27.1	26.4	28.7	26.2	26.3	27.6	25.7	28.9	27.4	29.8	28.8	26.0	31.6	30.6	30.3	29.3	26.4	33.0	27.4	27.6	28.0	29.0	29.1	29.3	27.5	25.7	23.4	27.8	26.0	-1.7	
Sm. Town	35.5	33.3	33.8	32.6	32.5	33.3	32.0	31.5	31.6	33.8	31.7	34.0	31.3	34.0	35.5	34.3	34.6	35.0	36.6	33.8	33.3	32.3	33.9	32.8	32.0	30.7	30.0	24.7	30.1	28.7	28.4	27.4	25.7	-1.7	
Med. City	36.1	33.1	32.0	32.0	31.5	33.1	32.4	29.2	32.5	31.7	33.0	34.1	30.5	34.1	32.9	33.8	35.9	36.7	36.5	37.1	38.1	35.5	35.6	36.5	33.8	32.9	31.3	32.5	28.8	28.9	31.9	26.8	-5.1	sss	
Lg. City	31.9	33.0	32.3	31.8	33.4	32.5	32.8	34.4	32.6	32.2	32.1	33.6	33.1	33.6	35.2	36.5	36.1	36.7	36.6	37.3	41.0	37.4	36.5	37.5	40.0	37.9	35.4	33.7	32.5	32.7	34.2	31.5	29.5	-2.0	
V. Lg. City	34.6	34.7	31.9	33.8	32.6	31.9	33.0	31.9	32.6	35.1	34.3	33.3	35.3	33.0	38.2	37.8	38.2	38.0	39.0	42.1	43.1	43.3	41.1	41.0	39.5	40.9	38.6	39.0	36.7	40.4	36.3	41.4	32.1	-9.3	sss

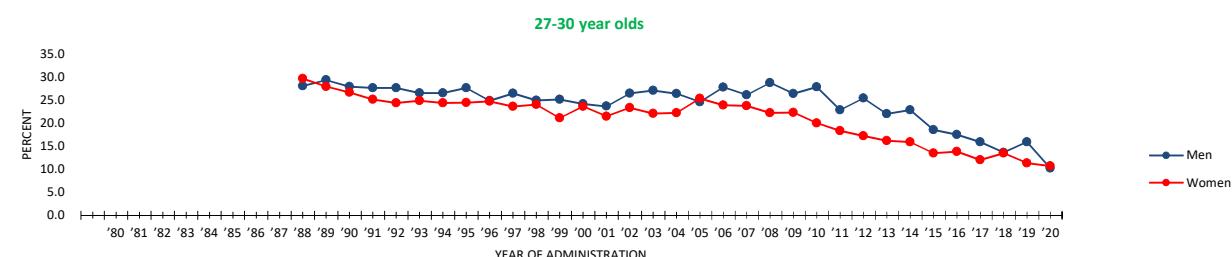
FIGURE 91
Trends in 30-Day Cigarette Smoking by Gender (4 yr. Age Groupings)



	19-20 change	
Men	34.2	-4.3
Women	39.0	8.5



	19-20 change	
Men	32.8	2.1
Women	34.1	-0.4



	19-20 change	
Men	28.0	-5.7
Women	29.0	5.5

FIGURE 92
Trends in Daily Cigarette Smoking by Gender (4 yr. Age Groupings)

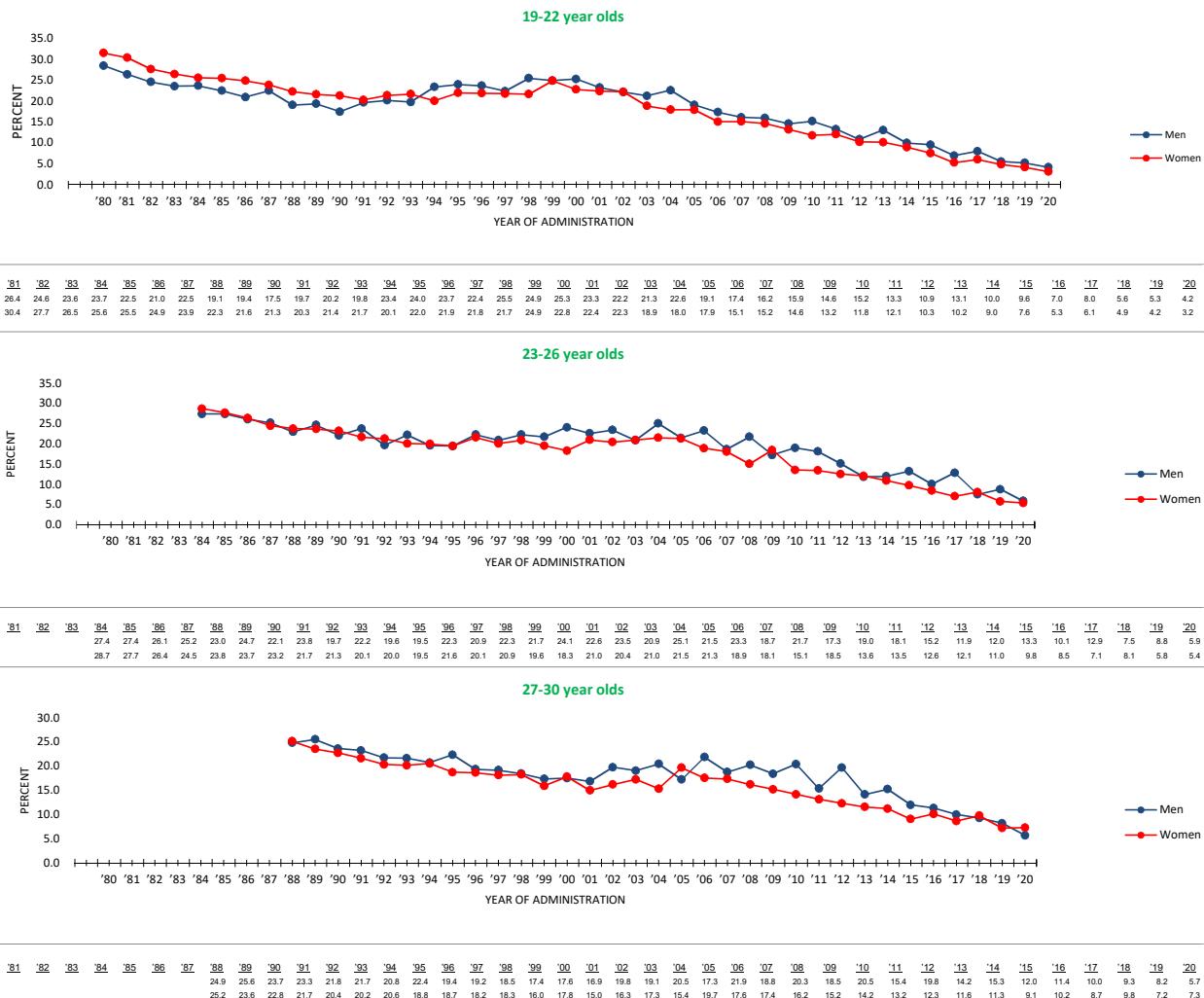


FIGURE 93
Trends in Daily Half Pack or More Cigarette Smoking by Gender (4 yr. Age Groupings)

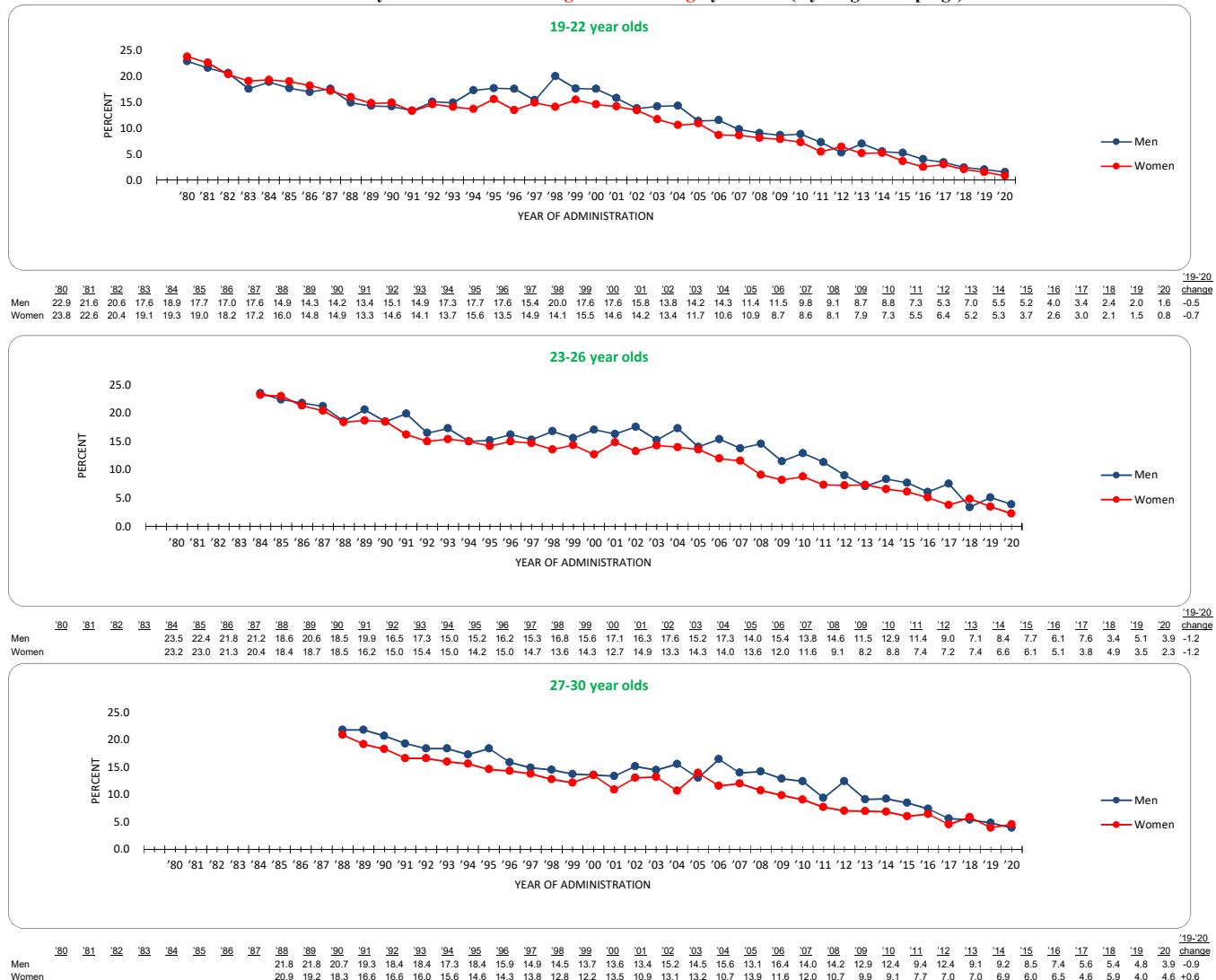
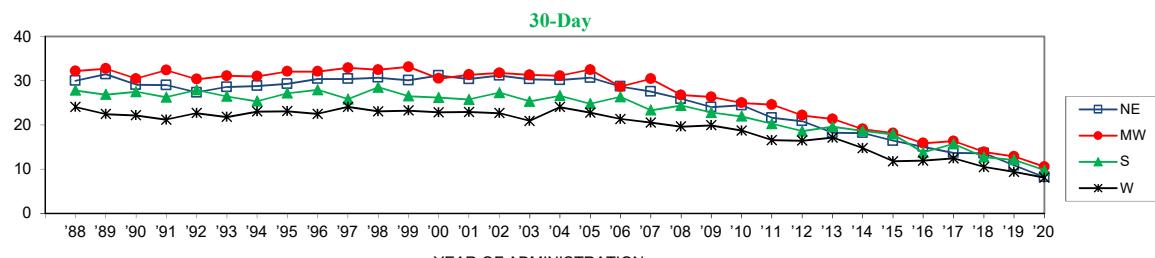
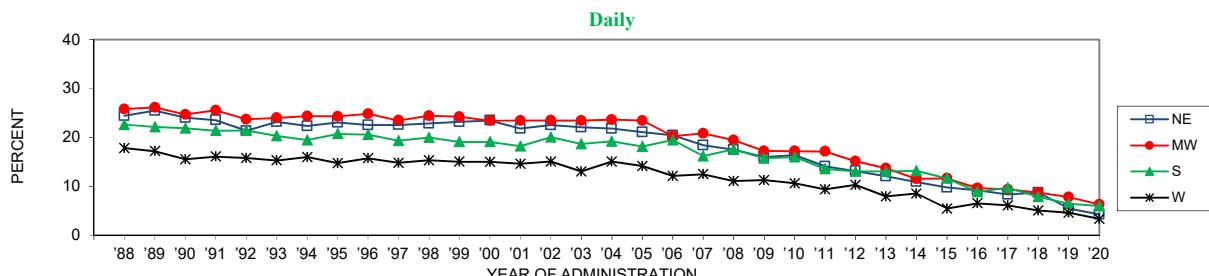


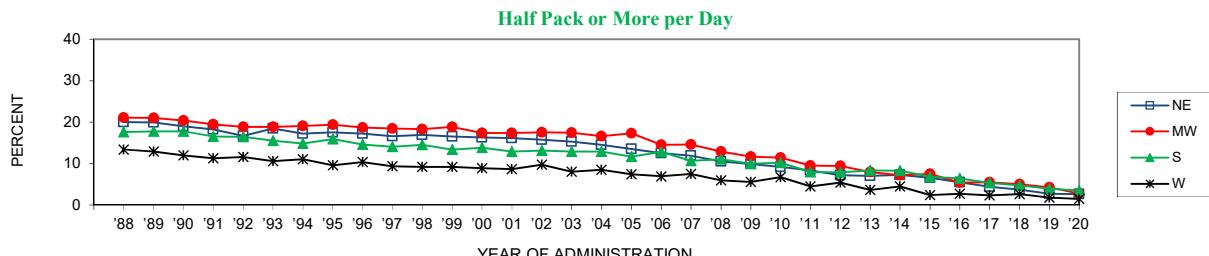
FIGURE 94
Trends in Cigarette Smoking by Region (1-12 yrs. Past High School)



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
NE	30.0	31.5	29.1	29.1	27.4	28.6	28.9	29.3	30.5	30.5	30.7	30.1	31.2	30.4	31.2	30.4	30.2	30.7	28.7	27.6	26.0	24.0	24.5	21.6	20.9	18.3	18.2	16.4	15.1	13.7	13.6	10.9	8.2	-2.6
MW	32.2	32.8	30.5	32.4	30.4	31.2	31.0	32.1	32.1	33.0	32.5	33.2	30.5	31.4	31.8	31.4	31.1	32.5	28.7	30.5	26.8	26.4	25.0	24.6	22.2	21.4	19.1	18.2	15.9	16.4	13.9	12.9	10.6	-2.3
S	27.9	26.9	27.5	26.3	27.9	26.5	25.4	27.2	28.0	25.9	28.6	26.6	26.2	25.8	27.3	25.4	26.6	24.8	26.4	23.4	24.4	22.8	22.0	20.3	18.6	19.6	18.7	17.9	13.8	15.7	12.7	12.1	9.8	-2.3 s
W	24.1	22.5	22.2	21.2	22.7	21.8	23.1	23.1	22.5	24.1	23.1	23.3	22.9	23.0	22.7	20.9	24.1	22.8	21.4	20.6	19.7	19.9	18.8	16.6	16.5	17.2	14.8	11.8	12.0	12.5	10.5	9.4	8.1	

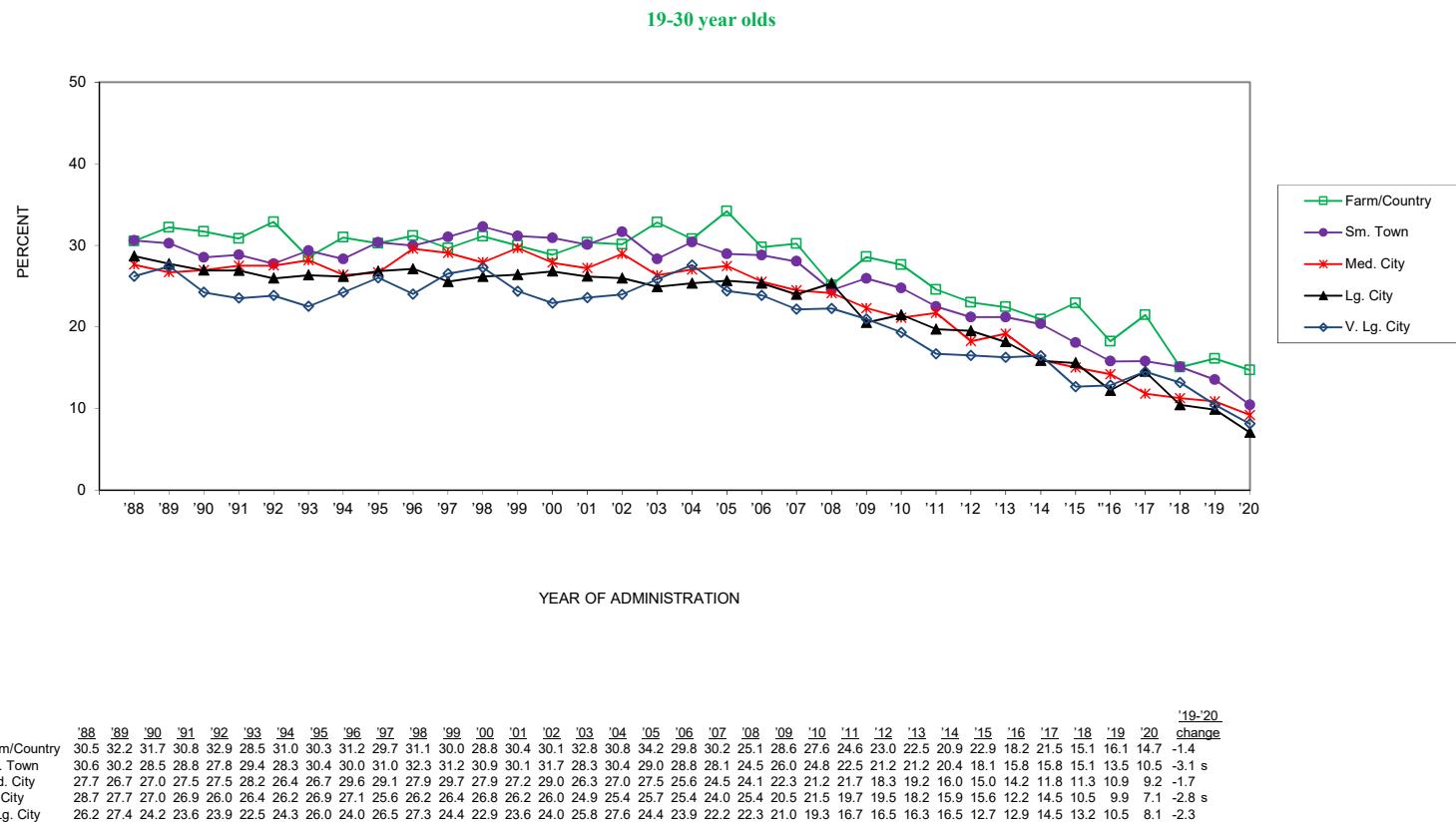


	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
NE	24.4	25.5	24.0	23.6	21.4	23.2	22.4	23.1	22.6	22.6	22.9	23.2	23.5	21.8	22.6	22.1	21.8	21.1	20.4	18.4	17.5	16.0	16.4	14.1	13.1	12.1	10.9	9.8	9.2	8.3	8.7	5.5	4.3	-1.2
MW	25.8	26.2	24.7	25.5	23.7	24.0	24.4	24.3	24.8	24.8	24.4	24.2	23.4	23.5	23.5	23.5	23.5	23.5	23.6	20.9	19.5	17.2	17.2	15.1	13.7	11.5	11.6	9.6	9.4	8.7	7.8	6.3	-1.5	
S	22.6	22.1	21.9	21.4	21.4	20.3	19.5	20.7	20.6	19.3	20.0	19.1	19.1	18.2	20.1	18.7	19.2	18.2	19.4	16.2	17.6	15.8	16.0	13.6	13.1	13.1	13.2	11.7	8.9	9.7	7.9	6.4	6.0	-0.4
W	17.8	17.2	15.5	16.1	15.8	15.3	16.0	14.8	15.8	14.8	15.3	15.1	15.0	14.6	15.1	13.0	15.1	14.2	12.1	12.5	11.1	11.3	10.7	9.4	10.3	7.9	8.6	5.5	6.5	6.1	5.1	4.6	3.3	-1.3



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change		
NE	17.7	17.7	17.8	16.5	16.5	15.5	14.9	15.9	14.6	14.1	14.5	13.4	13.9	12.9	13.1	12.9	11.7	12.8	10.7	11.1	10.0	10.2	8.0	7.5	6.0	5.6	6.7	4.5	5.5	3.6	2.4	2.7	2.3	1.8	1.4	-0.4
MW	17.7	17.7	17.8	16.5	16.5	15.5	14.9	15.9	14.6	14.1	14.5	13.4	13.9	12.9	13.1	12.9	11.7	12.8	10.7	11.1	10.0	10.2	8.0	7.5	6.0	5.6	6.7	4.5	5.5	3.6	2.4	2.7	2.3	1.8	1.4	-0.4
S	17.7	17.7	17.8	16.5	16.5	15.5	14.9	15.9	14.6	14.1	14.5	13.4	13.9	12.9	13.1	12.9	11.7	12.8	10.7	11.1	10.0	10.2	8.0	7.5	6.0	5.6	6.7	4.5	5.5	3.6	2.4	2.7	2.3	1.8	1.4	-0.4
W	13.4	12.9	12.0	11.3	11.6	10.6	11.1	9.6	10.4	9.3	9.2	9.2	8.9	8.7	9.7	8.0	8.5	7.4	6.9	7.5	6.0	5.6	6.7	4.5	5.5	3.6	4.5	2.4	2.7	2.3	2.6	1.8	1.4	-0.4		

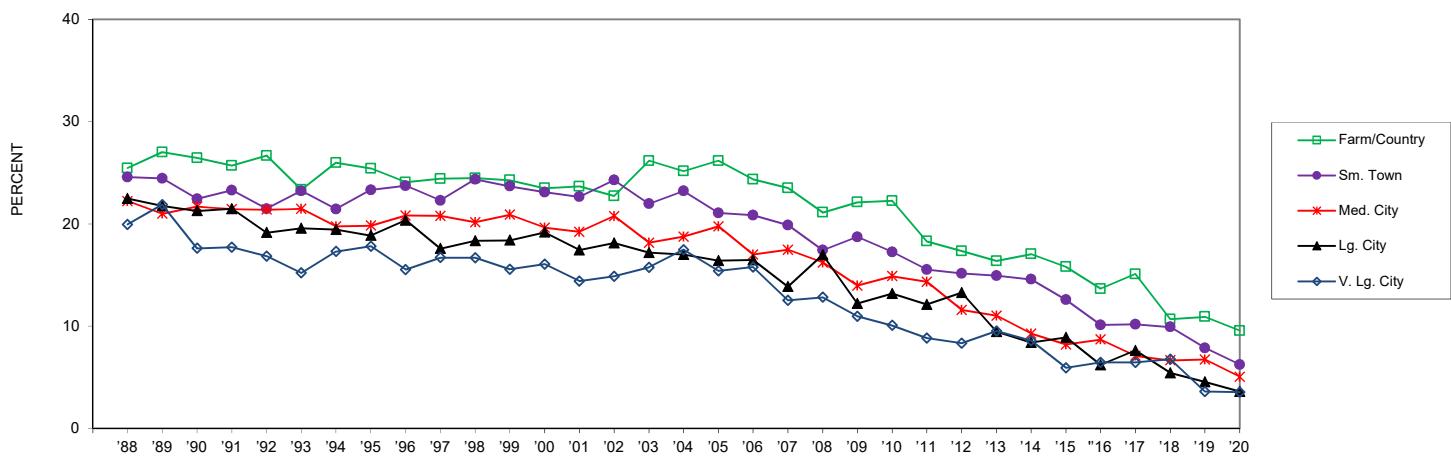
FIGURE 95
Trends in Thirty-Day Cigarette Smoking by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	
Farm/Country	30.5	32.2	31.7	30.8	32.9	28.5	31.0	30.3	31.2	29.7	31.1	30.0	28.8	30.4	30.1	32.8	34.2	29.8	30.2	25.1	28.6	24.6	23.0	22.5	20.9	22.9	18.2	21.5	15.1	16.1	14.7	-1.4		
Sm. Town	30.6	30.2	28.5	28.8	27.8	29.4	28.3	30.4	30.0	31.0	32.3	31.2	30.9	30.1	31.7	28.3	30.4	29.0	28.8	28.1	24.5	26.0	24.8	22.5	21.2	21.2	20.4	18.1	15.8	15.1	13.5	10.5	-3.1 s	
Med. City	27.7	26.7	27.0	27.5	27.5	28.2	26.4	26.4	26.7	29.6	29.1	27.9	27.9	27.2	27.0	26.3	27.0	27.5	25.6	24.5	24.1	22.3	21.2	21.7	18.3	19.2	16.0	15.1	14.2	11.8	11.3	10.9	9.2	-1.7
Lg. City	28.7	27.7	27.0	26.9	26.0	26.4	26.2	26.2	26.9	27.1	25.6	26.2	26.4	26.8	26.2	26.0	24.9	25.4	25.7	25.4	24.0	25.4	20.5	21.5	19.7	19.5	18.2	15.9	15.6	12.2	14.5	10.5	9.9	-2.8 s
V. Lg. City	26.2	27.4	24.2	23.6	23.9	22.5	24.3	26.0	24.0	26.5	27.3	24.4	22.9	23.6	24.0	25.8	27.6	24.4	23.9	22.2	22.3	21.0	19.3	16.7	16.5	16.3	16.5	12.7	12.9	14.5	13.2	10.5	8.1	-2.3

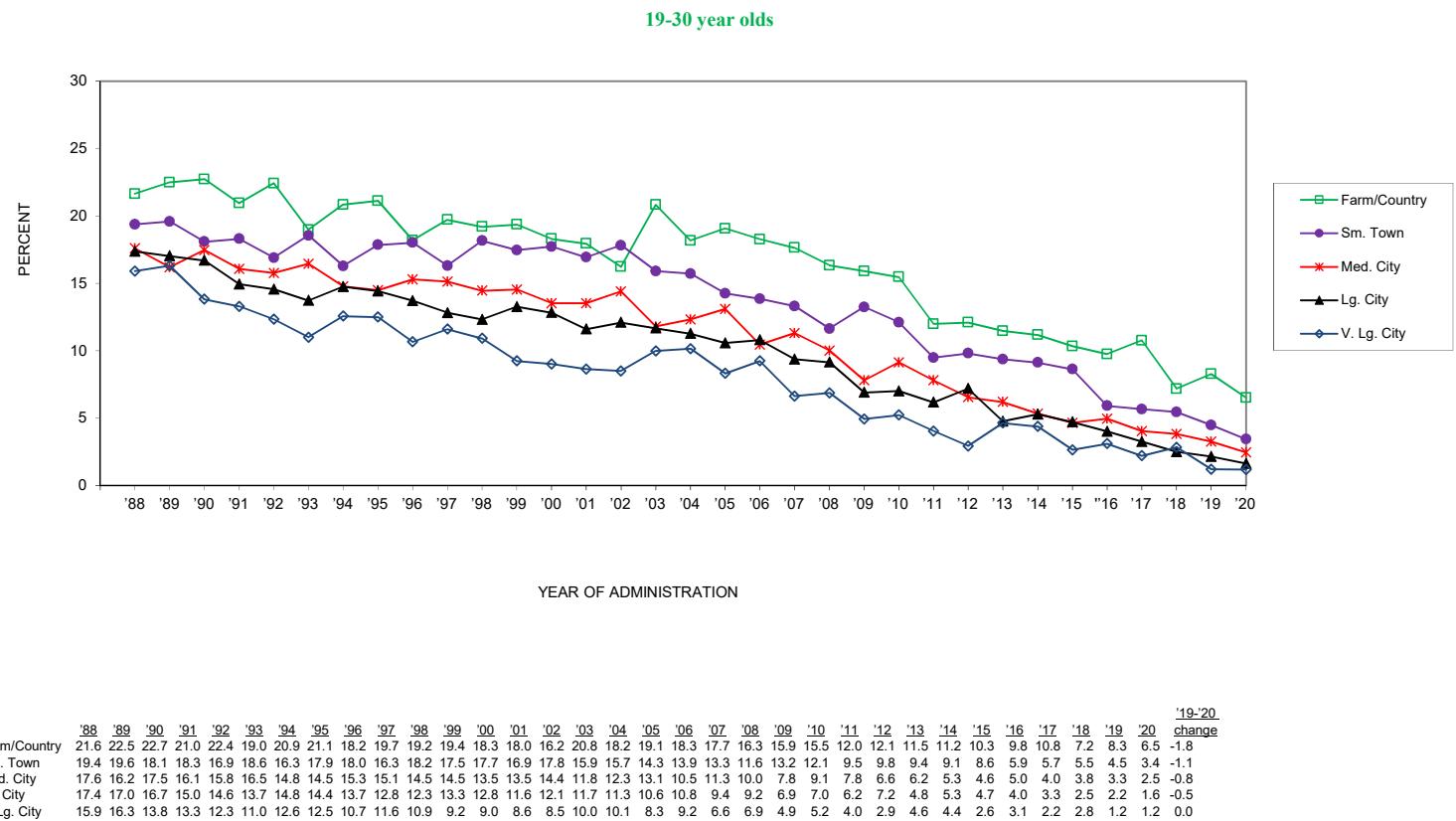
FIGURE 96
Trends in Daily Cigarette Smoking by Population Density

19-30 year olds



	YEAR OF ADMINISTRATION																						'19-'20	change										
	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	
Farm/Country	25.5	27.0	26.5	25.7	26.7	23.3	26.0	25.4	24.1	24.4	24.5	24.3	23.5	23.7	22.7	26.2	25.2	26.2	24.4	23.5	21.1	22.1	22.3	18.3	17.4	16.4	17.1	15.8	13.7	15.1	10.7	10.9	9.6	-1.3
Sm. Town	24.6	24.5	22.5	23.3	21.5	23.2	21.5	23.3	23.7	24.4	23.7	23.1	22.7	24.3	22.0	23.2	21.1	20.9	19.9	17.4	18.7	17.2	15.5	15.2	14.9	14.6	12.6	10.1	10.2	9.9	7.9	6.2	-1.6	
Med. City	22.2	21.0	21.7	21.5	21.4	21.5	19.8	19.8	20.8	20.2	20.9	19.6	19.2	20.8	18.2	18.8	19.8	17.0	17.5	16.2	14.2	14.9	14.3	11.6	11.0	9.3	8.2	8.7	7.1	6.7	6.7	5.1	-1.7	
Lg. City	22.5	21.8	21.3	21.5	19.2	19.6	19.4	18.9	20.4	17.6	18.3	18.4	19.2	17.4	18.1	17.2	17.0	16.4	16.5	13.9	17.0	12.2	13.2	12.1	13.3	9.5	8.4	8.9	6.2	7.6	5.4	4.6	3.6	-1.0
V. Lg. City	20.0	21.9	17.6	17.7	16.9	15.2	17.3	17.8	15.5	16.7	16.7	15.6	16.1	14.4	14.9	15.8	17.5	15.4	15.8	12.5	12.8	11.0	10.1	8.8	8.3	9.5	8.6	5.9	6.5	6.5	6.8	3.6	3.6	0.0

FIGURE 97
Trends in Half Pack or More Daily Cigarette Smoking by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20		
Farm/Country	21.6	22.5	22.7	21.0	22.4	19.0	20.9	21.1	18.2	19.7	19.2	19.4	18.3	18.0	16.2	20.8	18.2	19.1	18.3	17.7	16.3	15.9	15.5	12.0	12.1	11.5	11.2	10.3	9.8	10.8	7.2	8.3	6.5	-1.8	
Sm. Town	19.4	19.6	18.1	18.3	16.9	18.6	16.3	17.5	18.0	16.3	18.2	17.5	17.7	16.9	17.8	15.9	15.7	14.3	13.3	13.3	11.6	13.2	12.1	9.5	9.8	9.4	9.1	8.6	5.9	5.7	5.5	4.5	3.4	-1.1	
Med. City	17.6	16.2	17.5	16.1	15.8	16.5	14.8	14.5	15.3	15.1	14.5	14.5	14.5	13.5	13.5	14.4	11.8	12.3	13.1	10.5	11.3	10.0	7.8	9.1	6.6	6.2	5.3	4.6	5.0	4.0	3.8	3.3	2.5	-0.8	
Lg. City	17.4	17.0	16.7	15.0	14.6	13.7	14.8	14.4	13.7	12.8	12.3	13.3	12.8	11.6	12.1	11.7	11.3	10.6	10.8	9.4	9.2	6.9	7.0	6.2	7.2	4.8	5.3	4.7	4.0	3.3	2.5	2.2	1.6	-0.5	
V. Lg. City	15.9	16.3	13.8	13.3	12.3	11.0	12.6	12.5	10.7	11.6	10.9	9.2	9.0	8.6	8.5	10.0	10.1	8.3	9.2	6.6	6.9	4.9	5.2	4.0	2.9	4.6	4.4	2.6	3.1	2.2	2.8	1.2	1.2	0.0	

FIGURE 98
Trends in Annual Use of Tobacco with a Hookah by Gender (4 yr. Age Groupings)

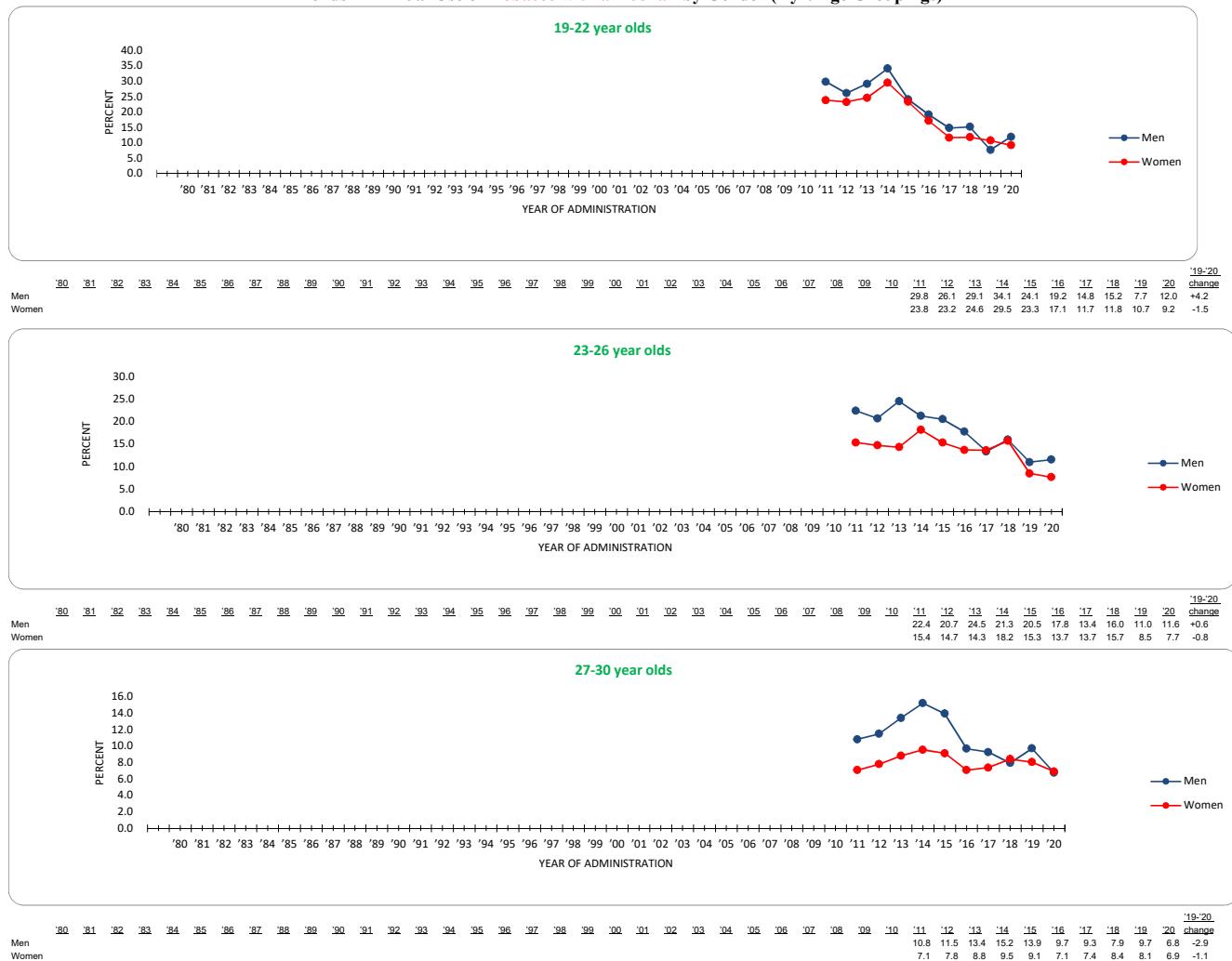


FIGURE 99
Trends in Use of Tobacco Using a Hookah by Region (1-12 yrs. Past High School)

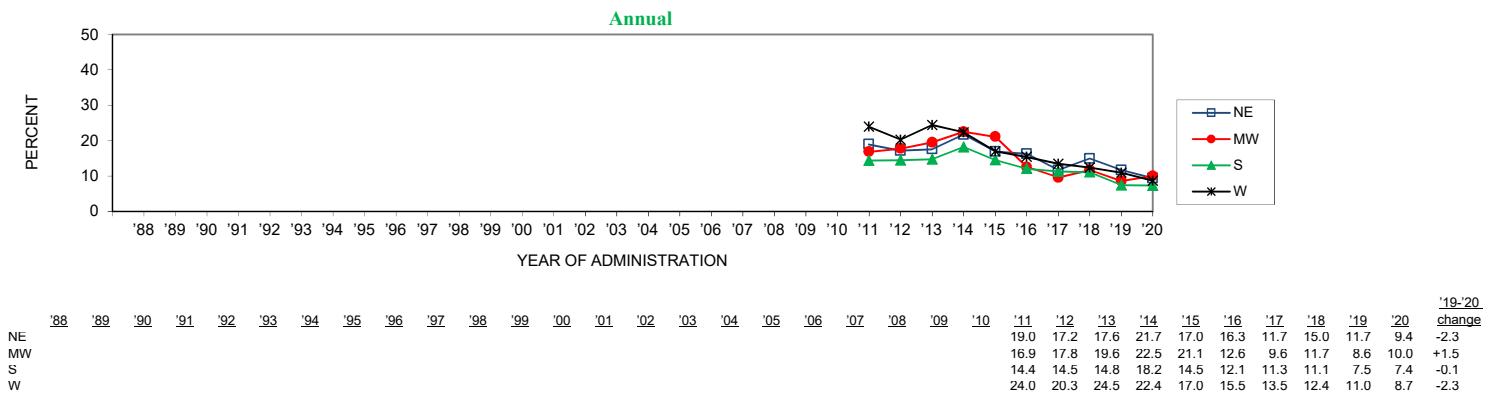
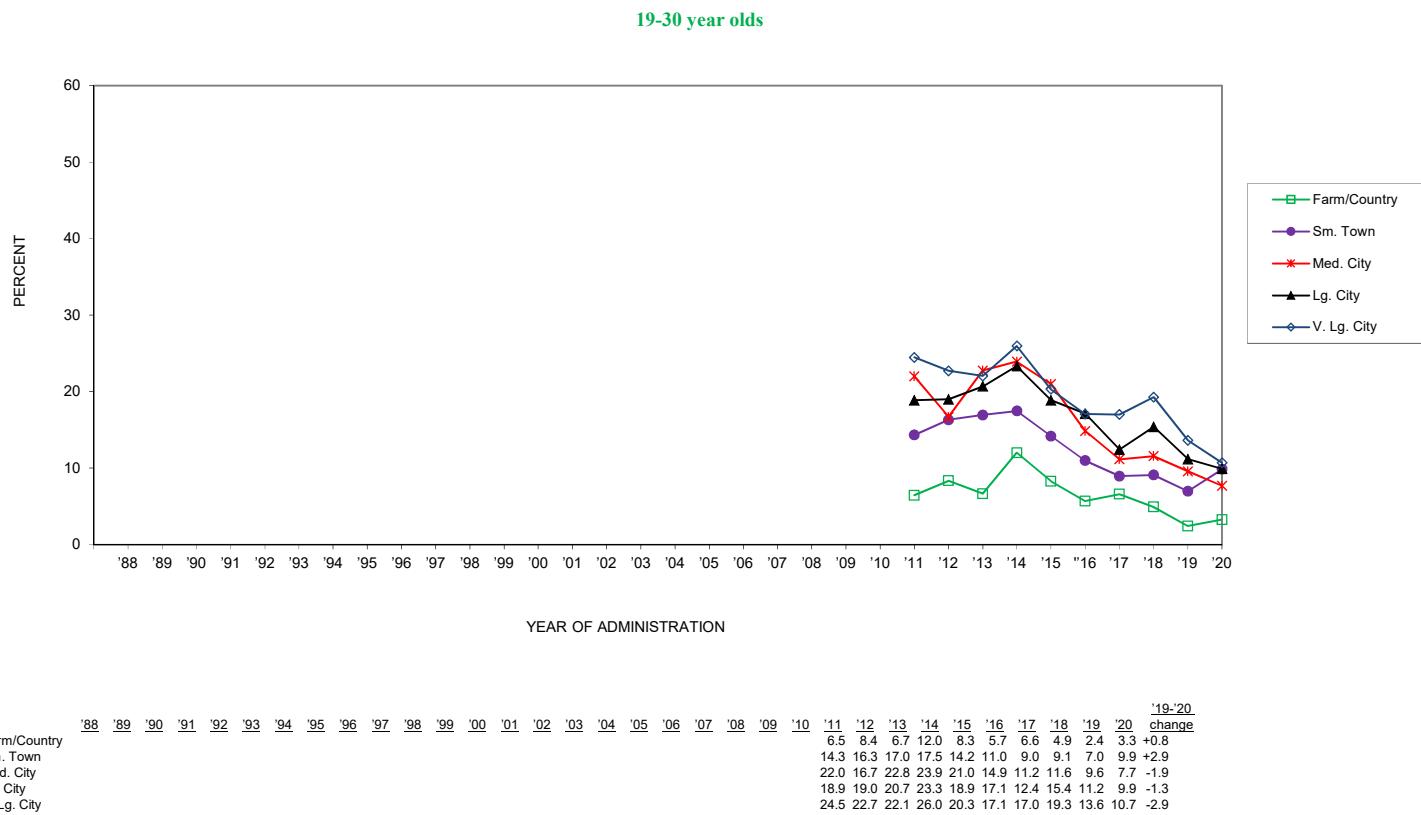


FIGURE 100
Trends in Annual Use of Tobacco with a Hookah by Population Density



Farm/Country
 Sm. Town
 Med. City
 Lg. City
 V. Lg. City

FIGURE 101
Trends in Annual Use of Small Cigars by Gender (4 yr. Age Groupings)

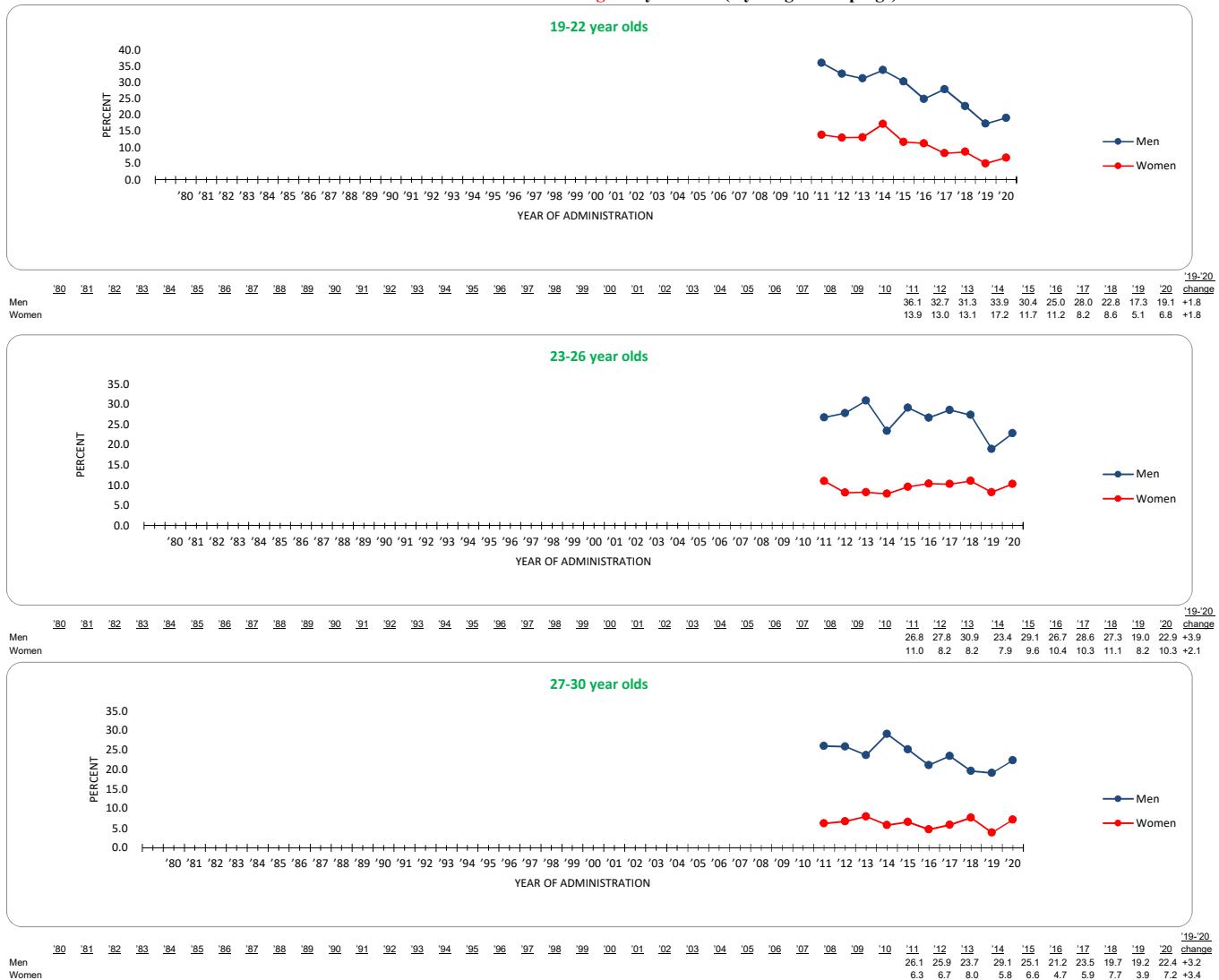


FIGURE 102
Trends in Use of Small Cigars by Region (1-12 yrs. Past High School)

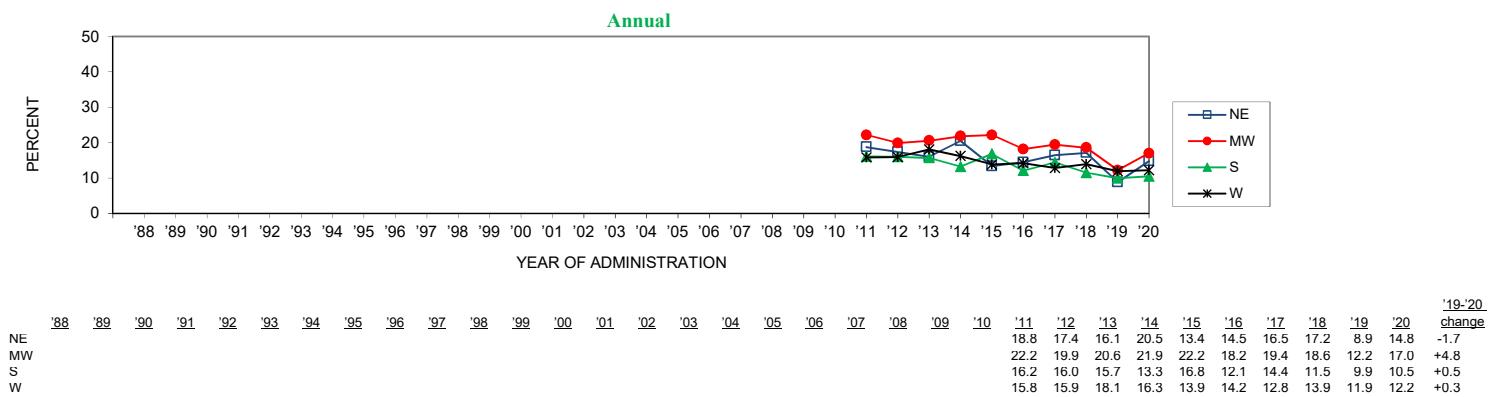
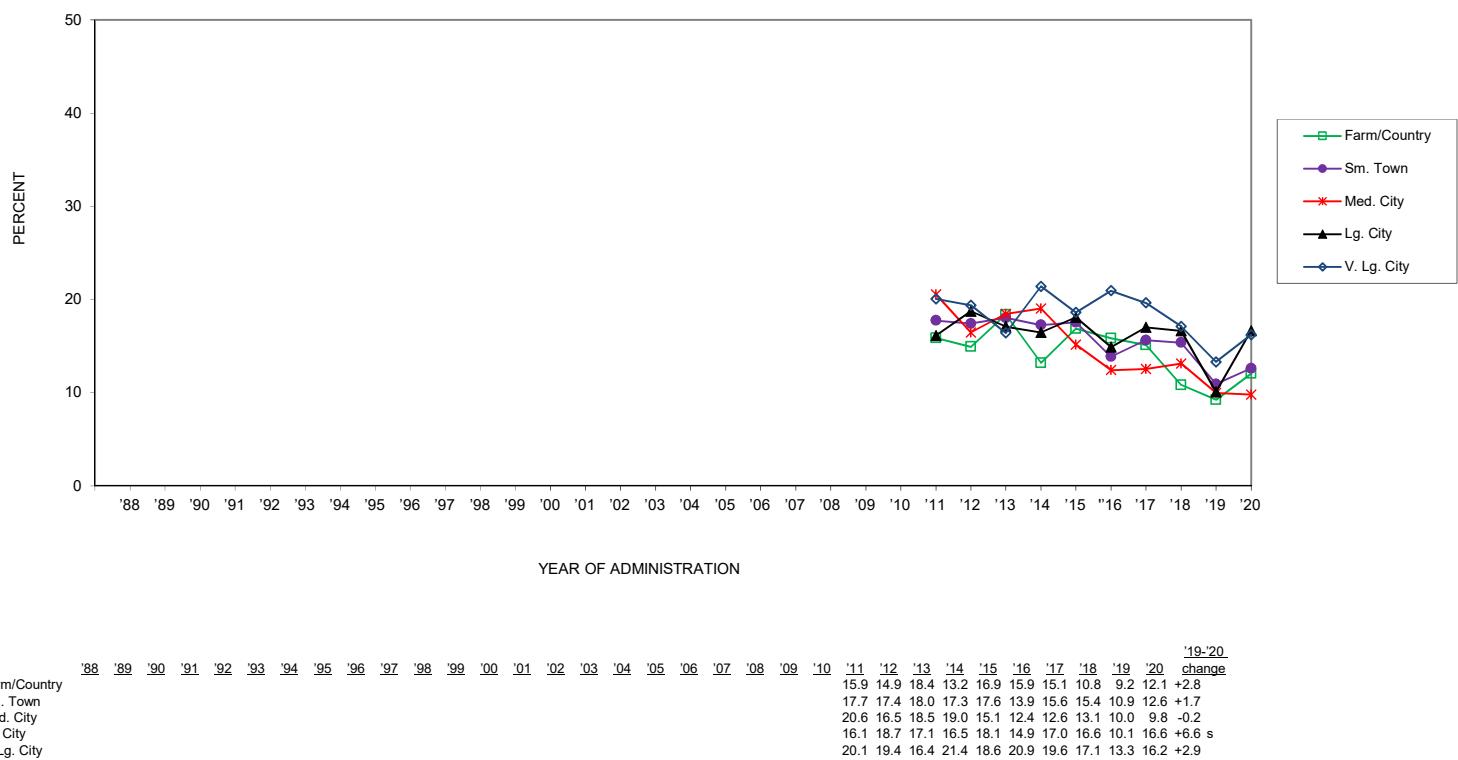


FIGURE 103
Trends in Annual Use of Small Cigars by Population Density

19-30 year olds



Farm/Country
 Sm. Town
 Med. City
 Lg. City
 V. Lg. City

FIGURE 104
Trends in Annual Use of Dissolvable Tobacco by Gender (4 yr. Age Groupings)



FIGURE 105
Trends in Use of Dissolvable Tobacco by Region (1-12 yrs. Past High School)

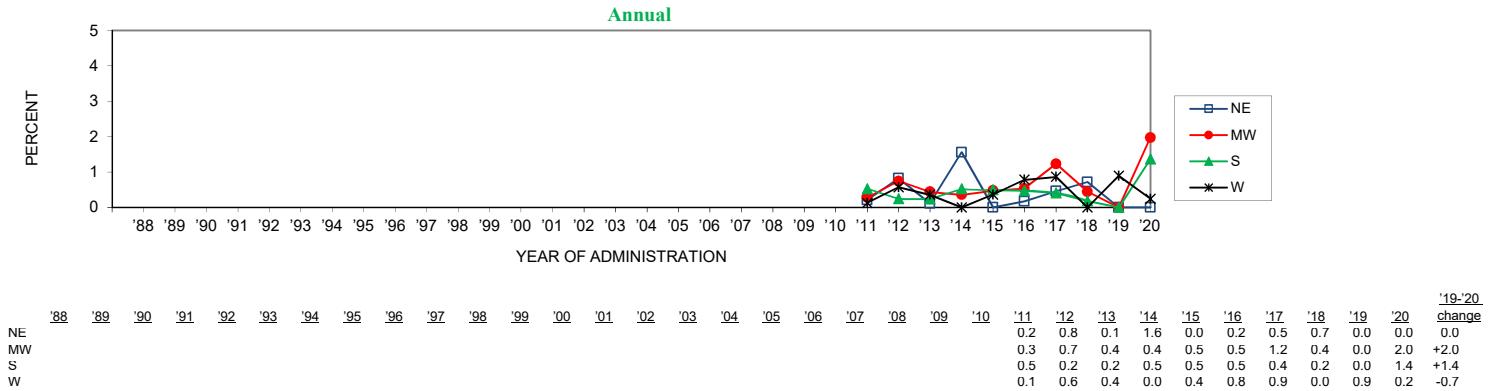


FIGURE 106
Trends in Annual Use of Dissolvable Tobacco by Population Density

19-30 year olds

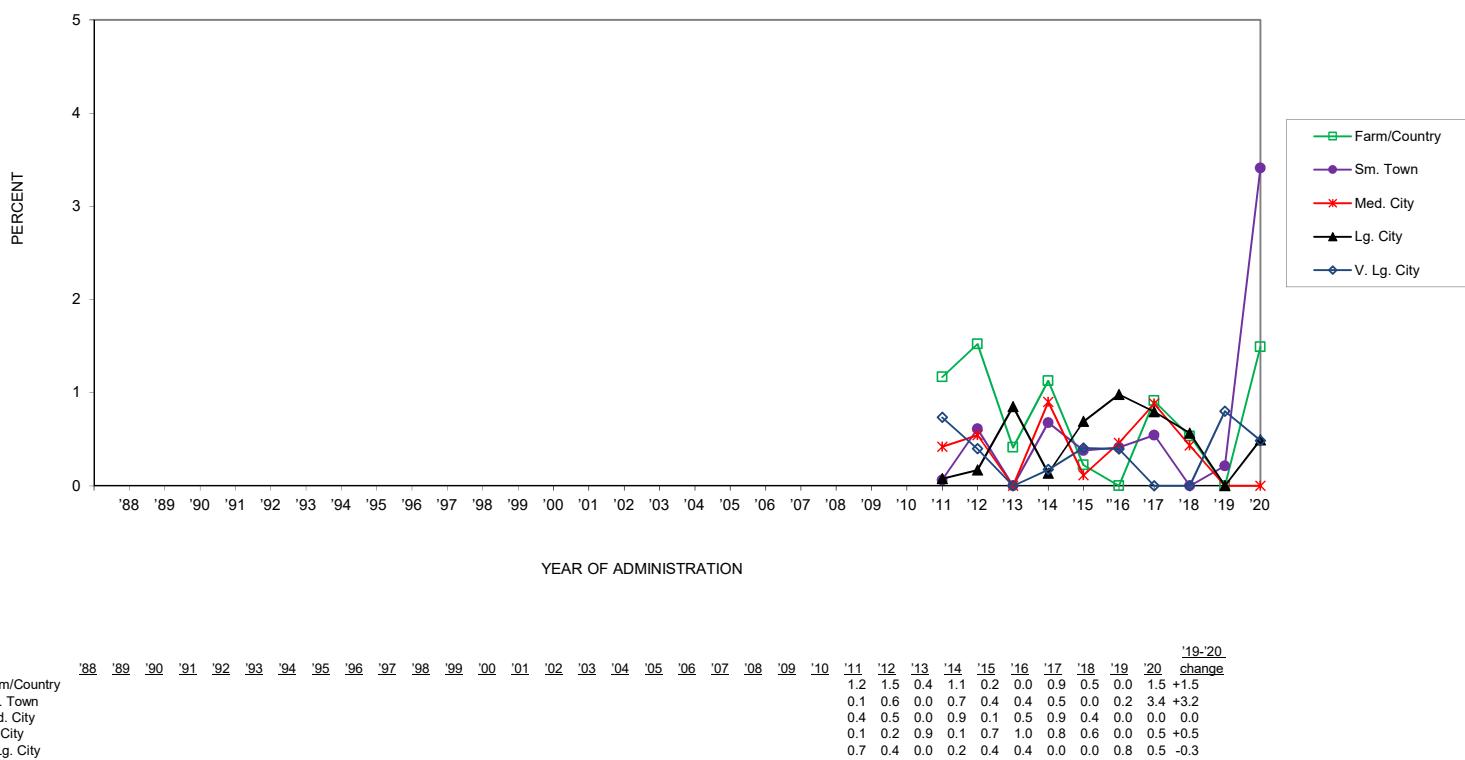


FIGURE 107
Trends in Annual Use of Snus by Gender (4 yr. Age Groupings)

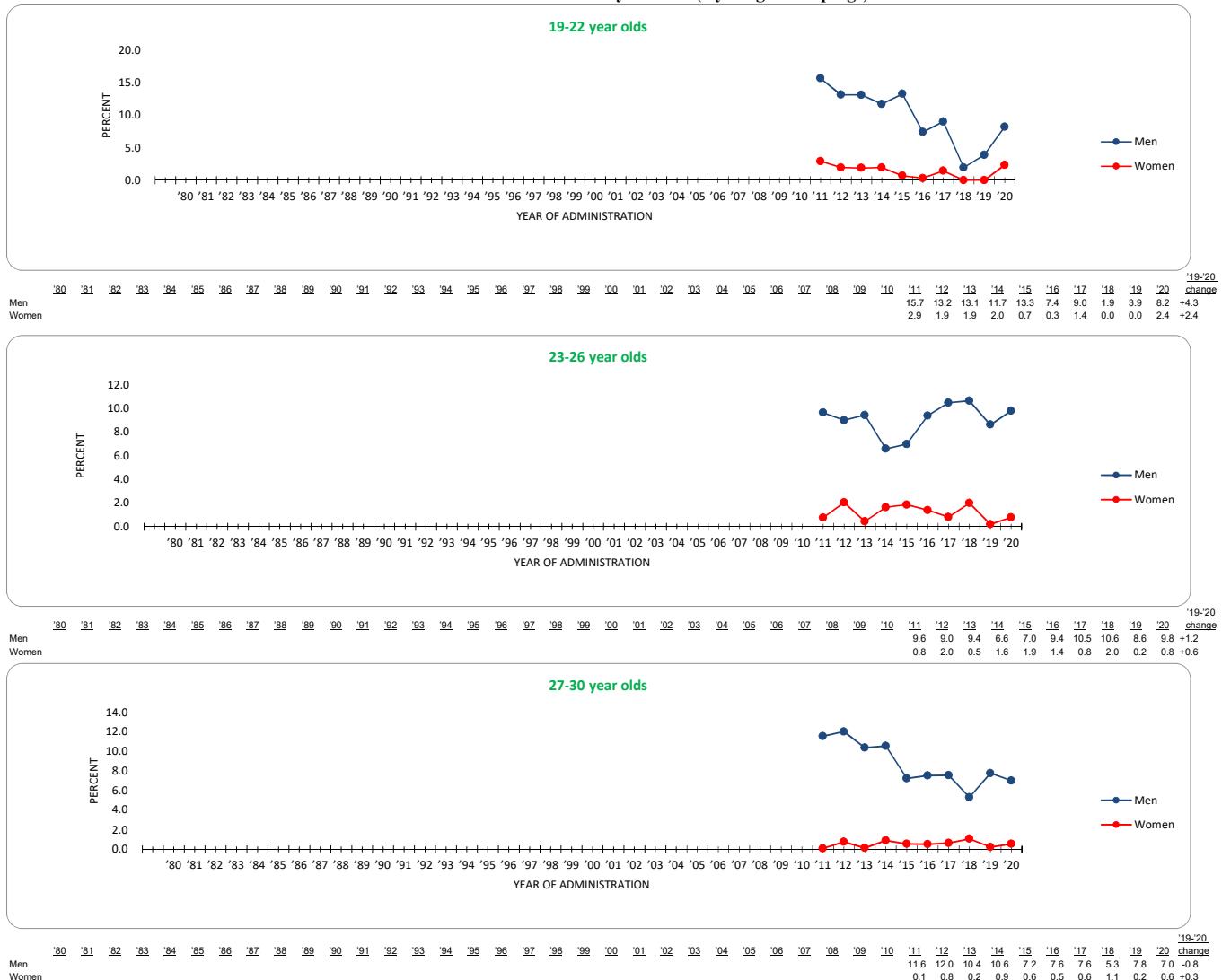


FIGURE 108
Trends in Use of Snus by Region (1-12 yrs. Past High School)

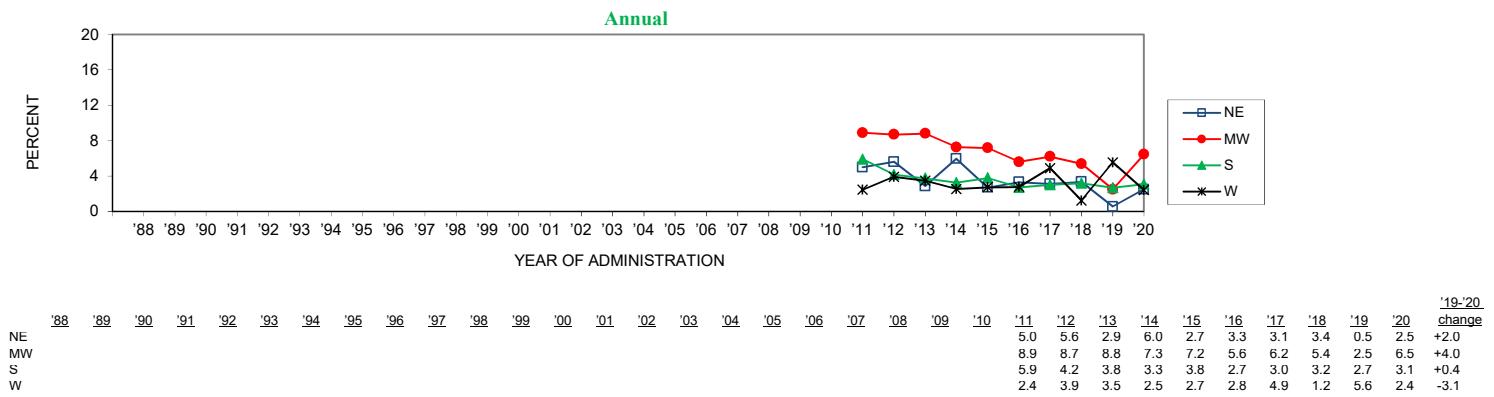
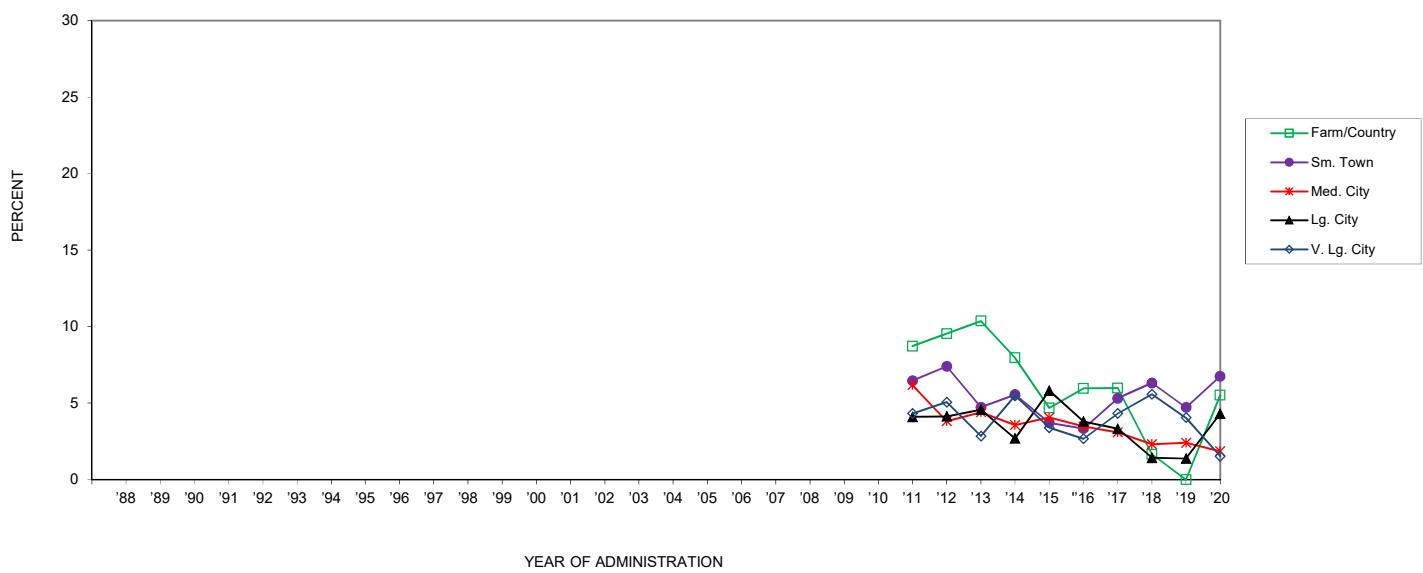


FIGURE 109
Trends in Annual Use of Snus by Population Density

19-30 year olds



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'19-'20 change
Farm/Country	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	9.5	10.4	8.0	4.7	6.0	6.0	1.7	0.0	5.5	+5.5	
Sm. Town	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	7.4	4.7	5.6	3.7	3.3	5.3	6.3	4.7	6.8	+2.0	
Med. City	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	3.8	4.4	3.6	4.1	3.5	3.1	2.3	2.4	1.9	-0.6	
Lg. City	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1	4.6	2.7	5.8	3.8	3.3	1.4	1.4	4.3	+2.9	
V. Lg. City	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	5.1	2.8	5.5	3.4	2.7	4.3	5.6	4.1	1.5	-2.5	

FIGURE 110
Trends in 30-Day Vaping Marijuana by Gender (4 yr. Age Groupings)

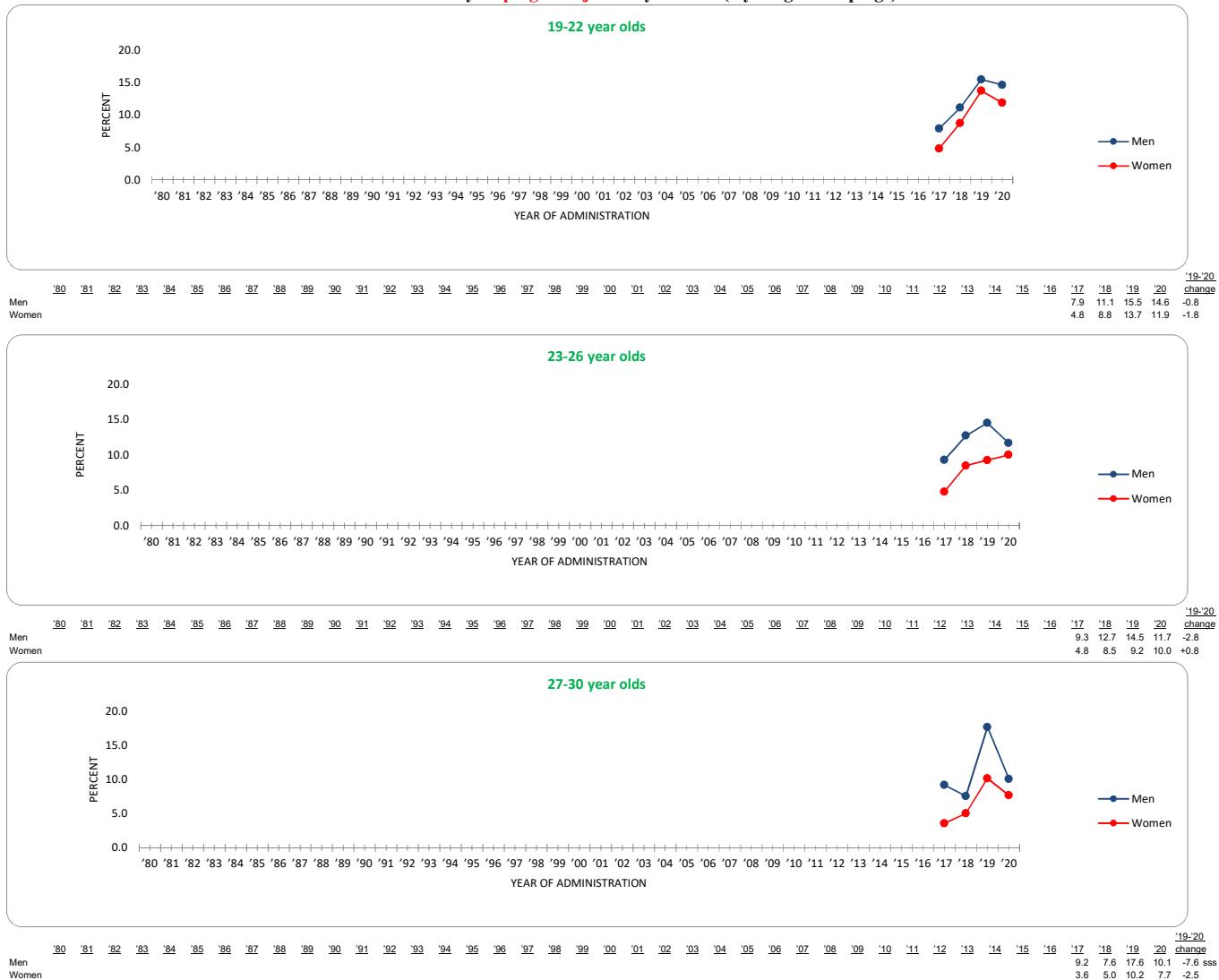


FIGURE 111
Trends in Vaping Marijuana by Region (1-12 yrs. Past High School)

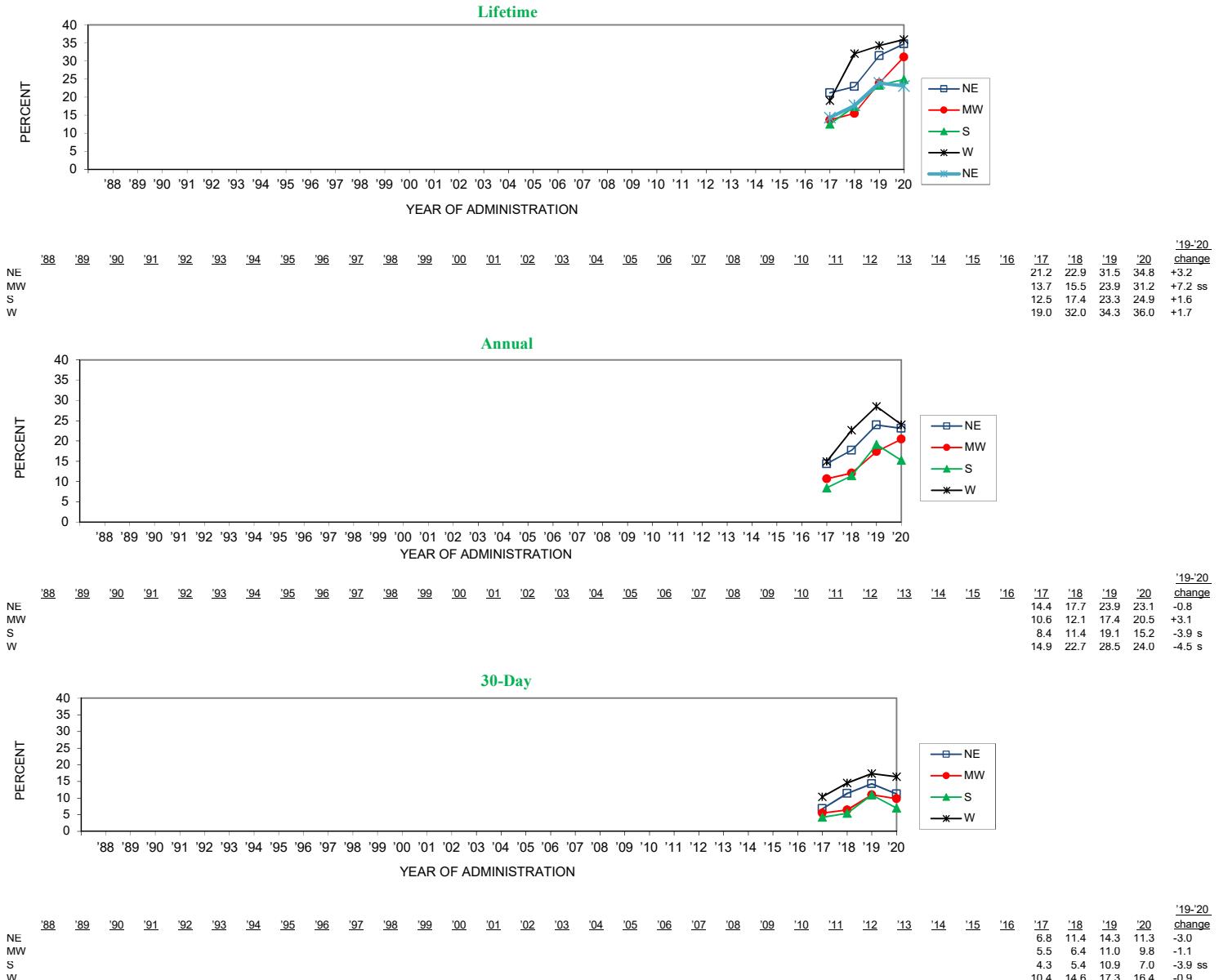


FIGURE 112
Trends in 30-Day Vaping Marijuana by Population Density



	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	change
Farm/Country	2.7	4.2	8.2	6.9	-1.2																													
Sm. Town	4.2	9.7	9.9	10.2	+0.3																													
Med. City	5.4	6.9	14.0	9.9	-4.0	s																												
Lg. City	7.9	10.2	13.3	11.0	-2.4																													
V. Lg. City	9.7	10.8	19.3	14.6	-4.7																													

FIGURE 113
Trends in 30-Day Vaping Nicotine by Gender (4 yr. Age Groupings)

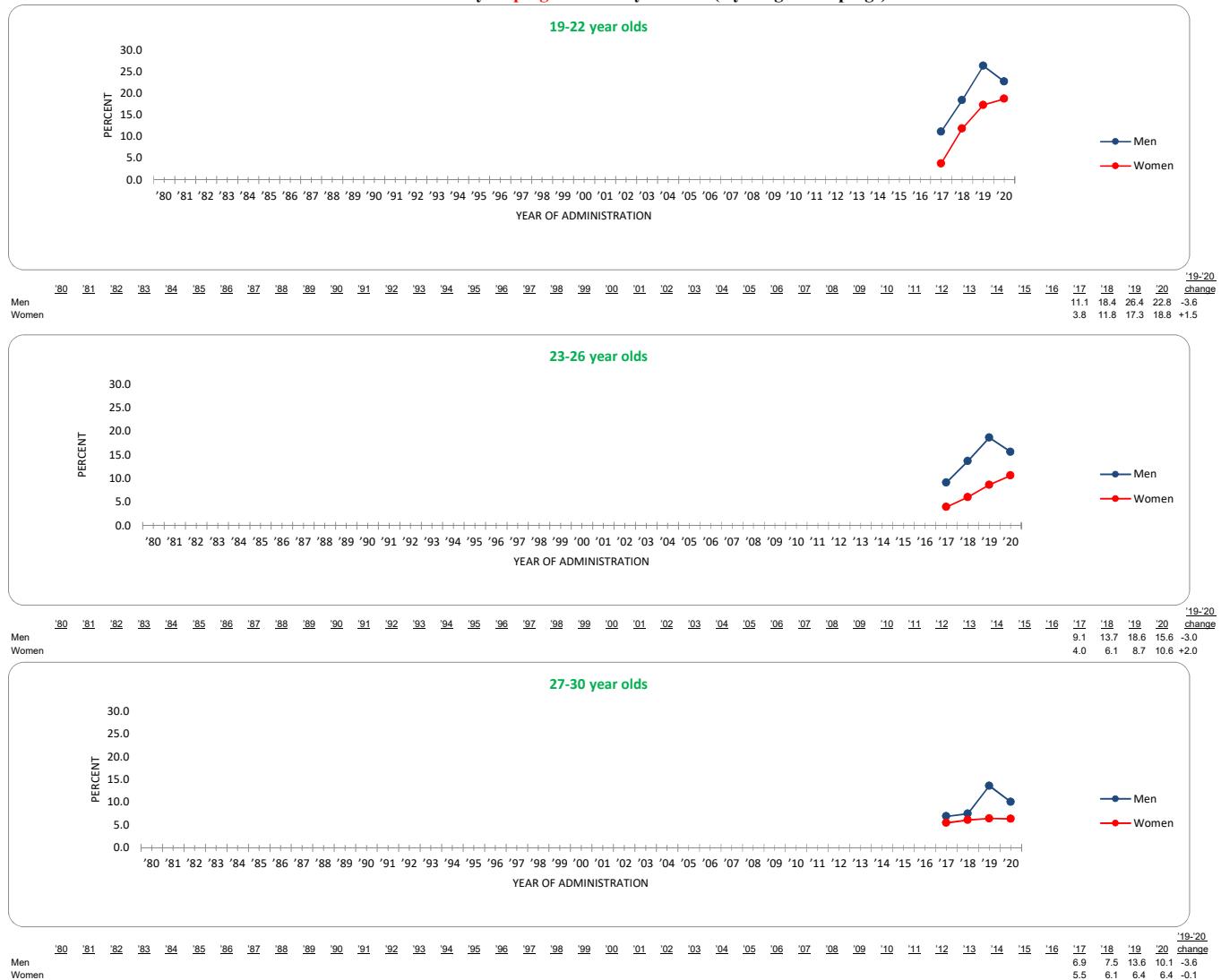


FIGURE 114
Trends in Vaping Nicotine by Region (1-12 yrs. Past High School)

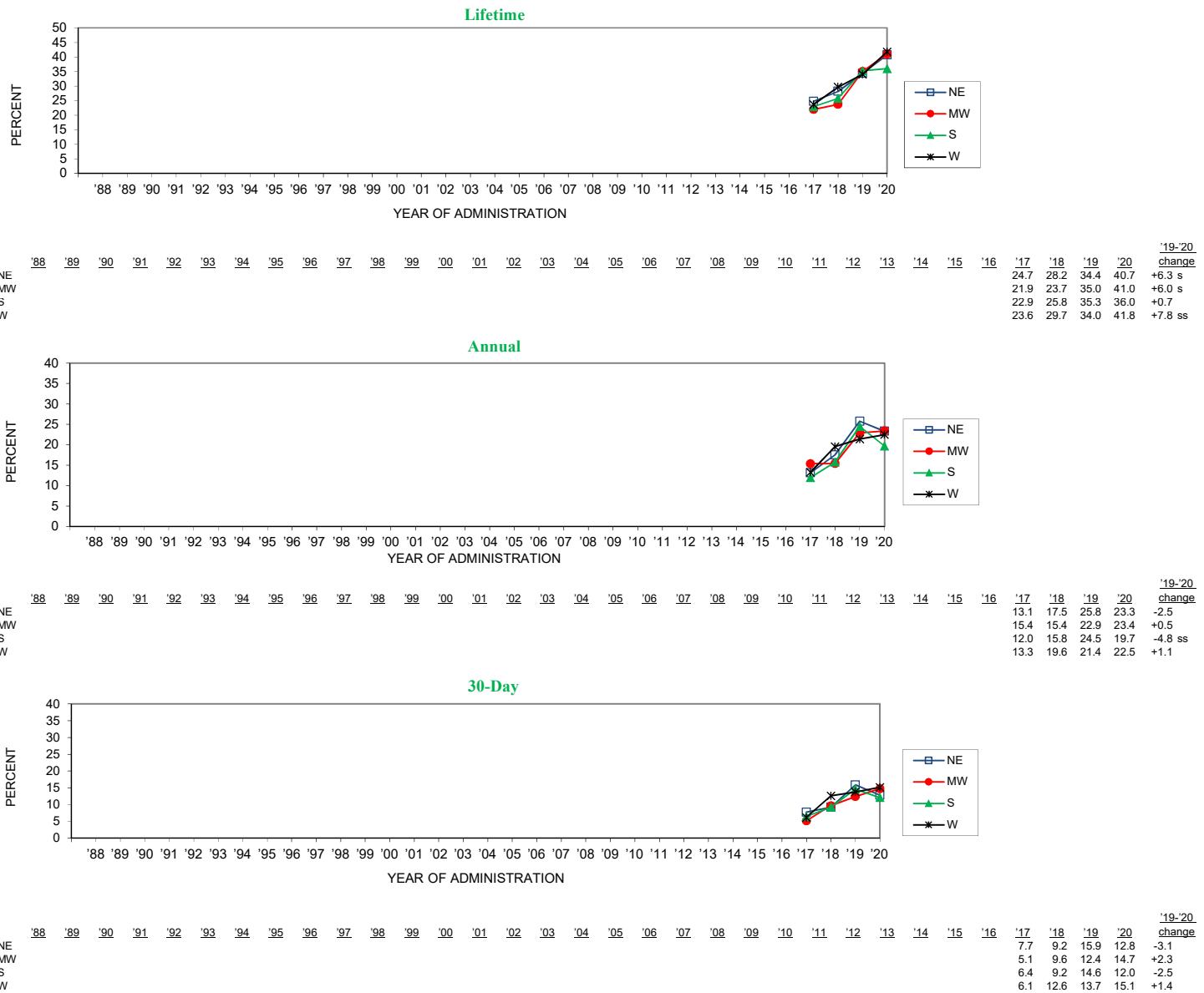
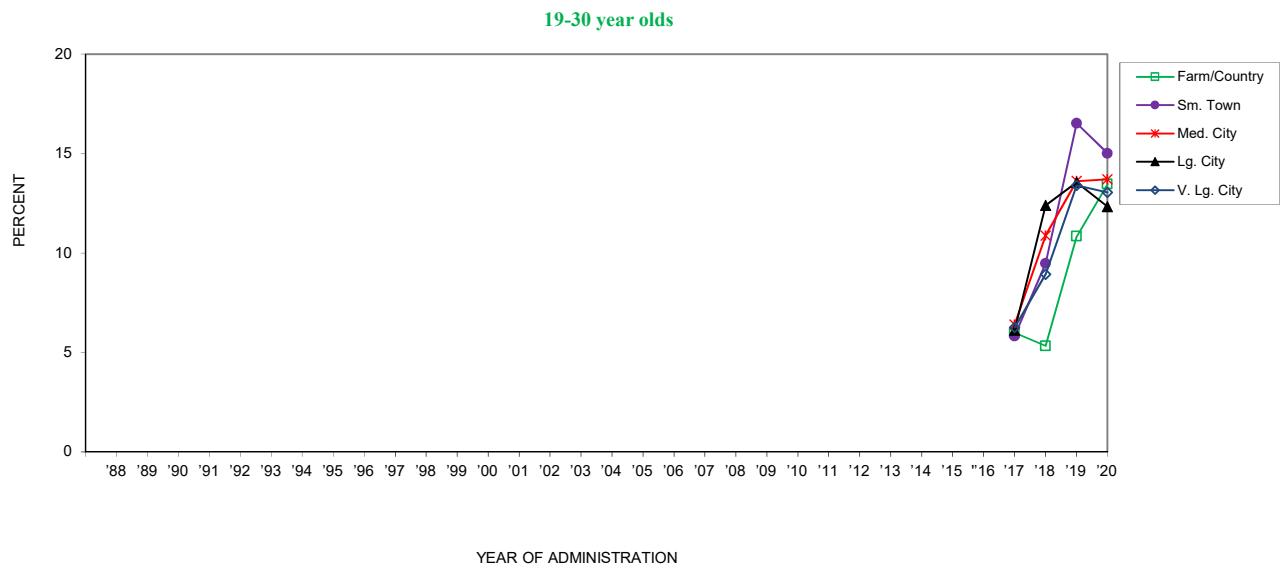


FIGURE 115
Trends in 30-Day Vaping Nicotine by Population Density



Farm/Country
 Sm. Town
 Med. City
 Lg. City
 V. Lg. City