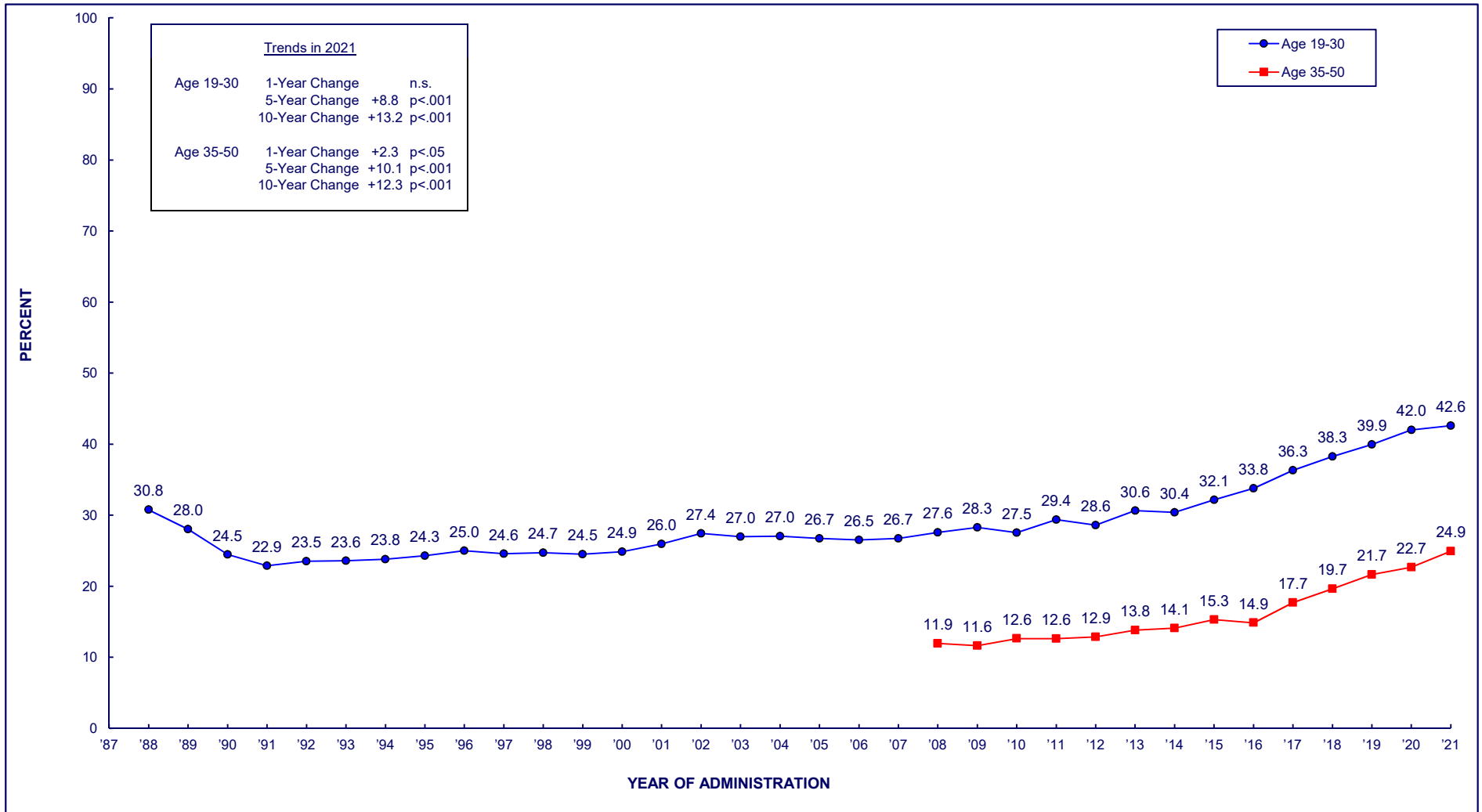


TABLE 2
Monitoring the Future Panel Study Weighted Response Rates (Proportion Responding)
by Cohort, 1976-2021

Cohort	N per Cohort	Ages 19/20	Ages 21/22	Ages 23/24	Ages 25/26	Ages 27/28	Ages 29/30	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60
1976	2224	0.722	0.799	0.793	0.769	0.744	0.740	0.673	0.639	0.601	0.576	0.545	0.530
1977	2358	0.847	0.825	0.811	0.763	0.754	0.721	0.686	0.642	0.636	0.598	0.564	0.551
1978	2411	0.848	0.818	0.799	0.763	0.742	0.704	0.656	0.618	0.608	0.587	0.544	0.531
1979	2437	0.854	0.815	0.767	0.770	0.741	0.706	0.655	0.599	0.585	0.564	0.540	0.524
1980	2458	0.835	0.811	0.786	0.770	0.725	0.698	0.658	0.601	0.576	0.566	0.543	
1981	2458	0.844	0.788	0.781	0.725	0.698	0.675	0.607	0.567	0.542	0.506	0.479	
1982	2437	0.841	0.783	0.753	0.704	0.670	0.622	0.573	0.573	0.532	0.509	0.464	
1983	2426	0.815	0.787	0.728	0.694	0.654	0.605	0.555	0.550	0.502	0.470	0.464	
1984	2438	0.803	0.763	0.717	0.689	0.631	0.590	0.503	0.499	0.467	0.453	0.438	
1985	2467	0.805	0.728	0.696	0.649	0.593	0.565	0.491	0.475	0.462	0.429		
1986	2461	0.762	0.725	0.680	0.620	0.578	0.539	0.509	0.478	0.432	0.398		
1987	2466	0.738	0.701	0.667	0.596	0.558	0.543	0.501	0.458	0.420	0.386		
1988	2456	0.766	0.733	0.667	0.619	0.602	0.553	0.517	0.470	0.443	0.444		
1989	2478	0.744	0.701	0.630	0.574	0.539	0.516	0.465	0.425	0.399	0.395		
1990	2470	0.727	0.653	0.593	0.551	0.525	0.488	0.426	0.405	0.373			
1991	2473	0.743	0.665	0.609	0.551	0.518	0.491	0.435	0.394	0.370			
1992	2479	0.751	0.678	0.635	0.570	0.536	0.527	0.460	0.425	0.377			
1993	2449	0.707	0.661	0.604	0.550	0.511	0.517	0.444	0.390	0.370			
1994	2467	0.694	0.654	0.583	0.538	0.521	0.481	0.423	0.379	0.374			
1995	2469	0.698	0.635	0.582	0.543	0.549	0.500	0.443	0.409				
1996	2440	0.691	0.615	0.562	0.545	0.516	0.493	0.432	0.389				
1997	2457	0.653	0.579	0.542	0.542	0.488	0.478	0.405	0.361				
1998	2454	0.641	0.561	0.544	0.509	0.465	0.455	0.384	0.353				
1999	2459	0.613	0.532	0.559	0.480	0.467	0.452	0.383	0.371				
2000	2456	0.593	0.576	0.534	0.474	0.458	0.435	0.374					
2001	2448	0.557	0.574	0.502	0.471	0.463	0.432	0.363					
2002	2453	0.611	0.575	0.520	0.490	0.472	0.437	0.377					
2003	2449	0.604	0.526	0.488	0.463	0.421	0.400	0.365					
2004	2450	0.580	0.520	0.491	0.453	0.414	0.379	0.347					
2005	2450	0.534	0.519	0.488	0.421	0.396	0.378						
2006	2452	0.506	0.502	0.474	0.439	0.386	0.394						
2007	2452	0.552	0.492	0.481	0.426	0.402	0.399						
2008	2454	0.552	0.490	0.449	0.397	0.405	0.396						
2009	2453	0.506	0.461	0.404	0.347	0.352	0.351						
2010	2450	0.485	0.433	0.400	0.364	0.371	-- ^a						
2011	2450	0.472	0.409	0.366	0.349	0.364							
2012	2452	0.442	0.384	0.380	0.389	-- ^a							
2013	2450	0.423	0.361	0.357	0.392								
2014	2450	0.382	0.365	0.375	-- ^a								
2015	2451	0.335	0.337	0.376									
2016	2450	0.348	0.366	-- ^a									
2017	2452	0.354	0.344										
2018	2450	0.367	-- ^a										
2019	2447	0.382											
2020	1225 ^d	-- ^a											

^a Response rates not reported as only the first half sample of the noted cohort has been able to complete participation at the specified follow up age as of 2021 data collection.

FIGURE 1
MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



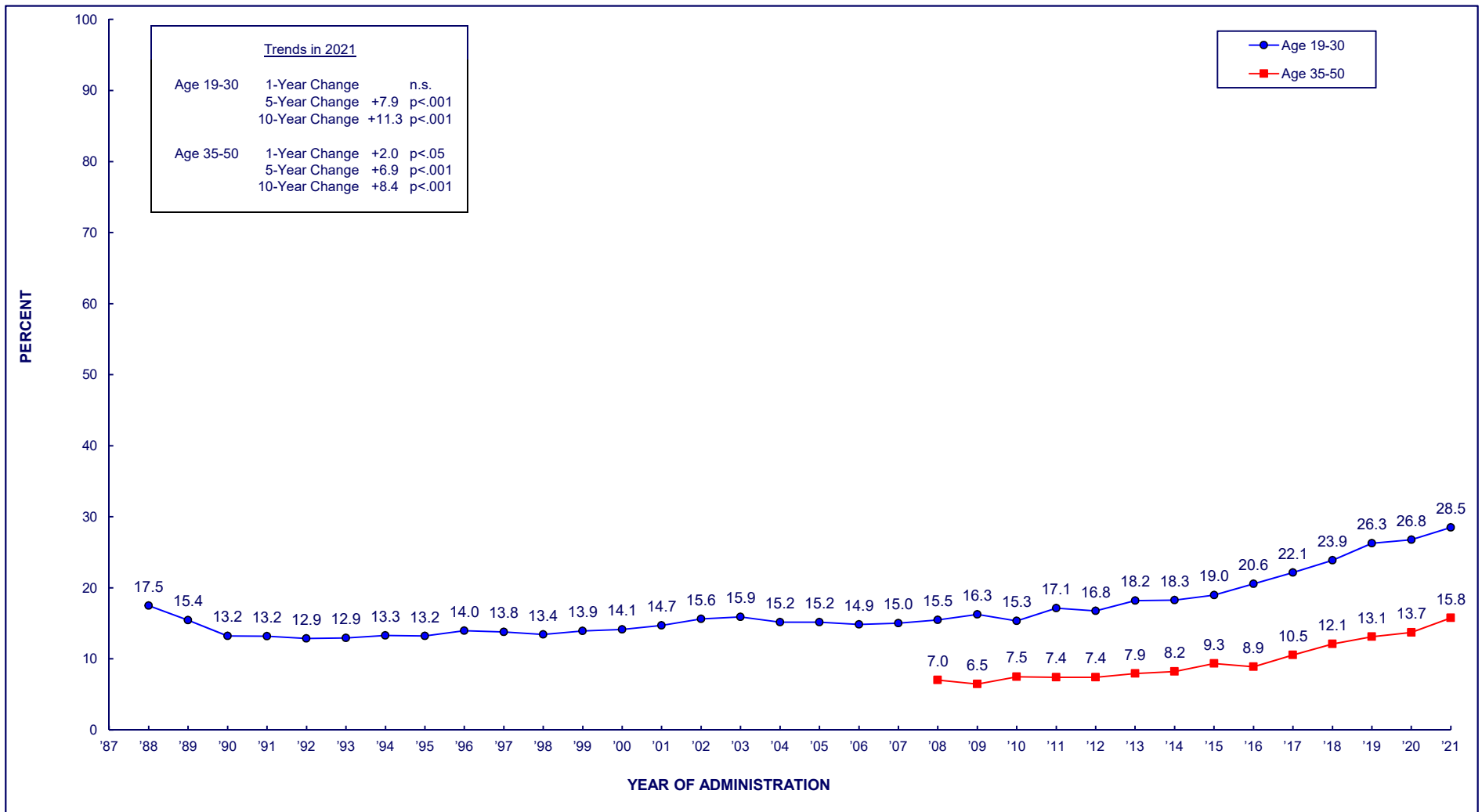
(Age-specific data provided in the following table.)

TABLE 3
MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

Year	Age 18	Ages 19–20	Ages 21–22	Ages 23–24	Ages 25–26	Ages 27–28	Ages 29–30	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60
1976	44.5												
1977	47.6												
1978	50.2	52.8											
1979	50.8	51.0											
1980	48.8	49.7	50.1										
1981	46.1	49.0	51.1										
1982	44.3	44.9	45.8	46.0									
1983	42.3	43.0	45.4	43.8									
1984	40.0	41.4	42.1	38.6	38.3								
1985	40.6	40.3	40.9	42.0	39.2								
1986	38.8	39.1	39.6	36.6	34.1	32.5							
1987	36.3	35.8	37.4	33.7	35.4	31.4							
1988	33.1	36.2	33.7	32.0	29.7	26.7	25.4						
1989	29.6	32.2	31.6	27.3	26.2	26.8	24.7						
1990	27.0	28.4	28.2	26.6	24.1	22.6	20.0						
1991	23.9	25.4	26.8	23.2	21.8	20.9	21.0						
1992	21.9	26.9	26.9	26.6	23.5	21.2	20.1						
1993	26.0	27.9	26.1	26.5	22.2	21.3	18.8						
1994	30.7	29.3	29.2	24.6	22.6	20.1	19.0	14.5					
1995	34.7	31.8	28.1	25.8	24.4	20.4	18.2	17.2					
1996	35.8	34.2	30.6	25.8	21.7	20.6	19.5	16.3					
1997	38.5	34.8	30.6	25.1	23.3	18.0	18.0	17.5					
1998	37.5	37.2	31.9	25.5	21.2	19.9	16.9	14.9	17.1				
1999	37.8	37.9	31.5	27.4	21.8	18.2	16.0	14.7	13.8				
2000	36.5	37.0	33.2	26.9	22.7	18.8	18.4	13.8	13.7				
2001	37.0	35.4	37.5	28.3	25.0	19.4	17.1	14.8	12.5				
2002	36.2	36.4	34.3	31.8	24.5	19.4	17.5	13.7	14.6				
2003	34.9	35.9	33.1	30.0	24.3	21.2	17.0	13.0	13.4	14.0			
2004	34.3	34.5	32.5	27.7	27.6	22.4	16.4	13.0	13.9	11.9			
2005	33.6	34.9	32.6	26.8	26.4	19.7	18.9	12.9	14.3	11.7			
2006	31.5	33.2	31.1	28.5	24.0	20.9	19.9	11.4	11.0	11.6			
2007	31.7	33.1	30.5	29.3	24.7	24.4	18.3	10.8	11.6	12.6			
2008	32.4	32.1	33.3	27.4	25.9	23.6	22.3	14.2	10.7	11.1	11.7		
2009	32.8	33.2	33.7	29.5	25.2	23.3	22.5	12.6	12.2	11.6	10.1		
2010	34.8	30.6	34.0	30.5	25.5	22.3	21.5	14.6	12.0	12.7	11.4		
2011	36.4	34.4	34.8	31.8	27.0	25.8	20.9	17.7	10.6	11.6	10.8		
2012	36.4	34.0	34.0	30.3	25.6	26.5	19.8	14.4	12.5	12.3	12.2		
2013	36.4	35.5	36.7	34.3	28.4	25.2	22.4	17.1	14.3	11.9	11.9	12.1	
2014	35.1	38.0	34.7	30.5	28.8	25.6	24.1	20.0	12.6	11.7	12.6	11.5	
2015	34.9	38.6	37.8	32.7	33.5	26.9	22.2	21.1	14.7	13.3	12.8	12.8	
2016	35.6	41.4	40.7	36.4	29.0	30.1	26.0	19.7	16.7	11.8	11.7	12.8	
2017	37.1	38.3	41.1	38.7	34.7	34.9	30.4	23.8	17.8	15.2	14.3	15.0	
2018	35.9	40.5	44.3	43.0	36.4	32.0	34.3	24.7	22.0	19.2	12.9	16.2	16.2
2019	35.7	39.8	45.3	40.8	38.5	36.1	39.1	26.2	25.8	17.4	17.9	15.9	14.3
2020	35.2	40.2	47.2	44.5	43.9	40.9	35.2	26.8	27.2	21.2	17.1	16.0	18.2
2021	30.5	39.5	44.7	44.3	43.7	43.0	40.5	31.0	27.6	25.1	17.2	15.6	14.7

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 2
MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



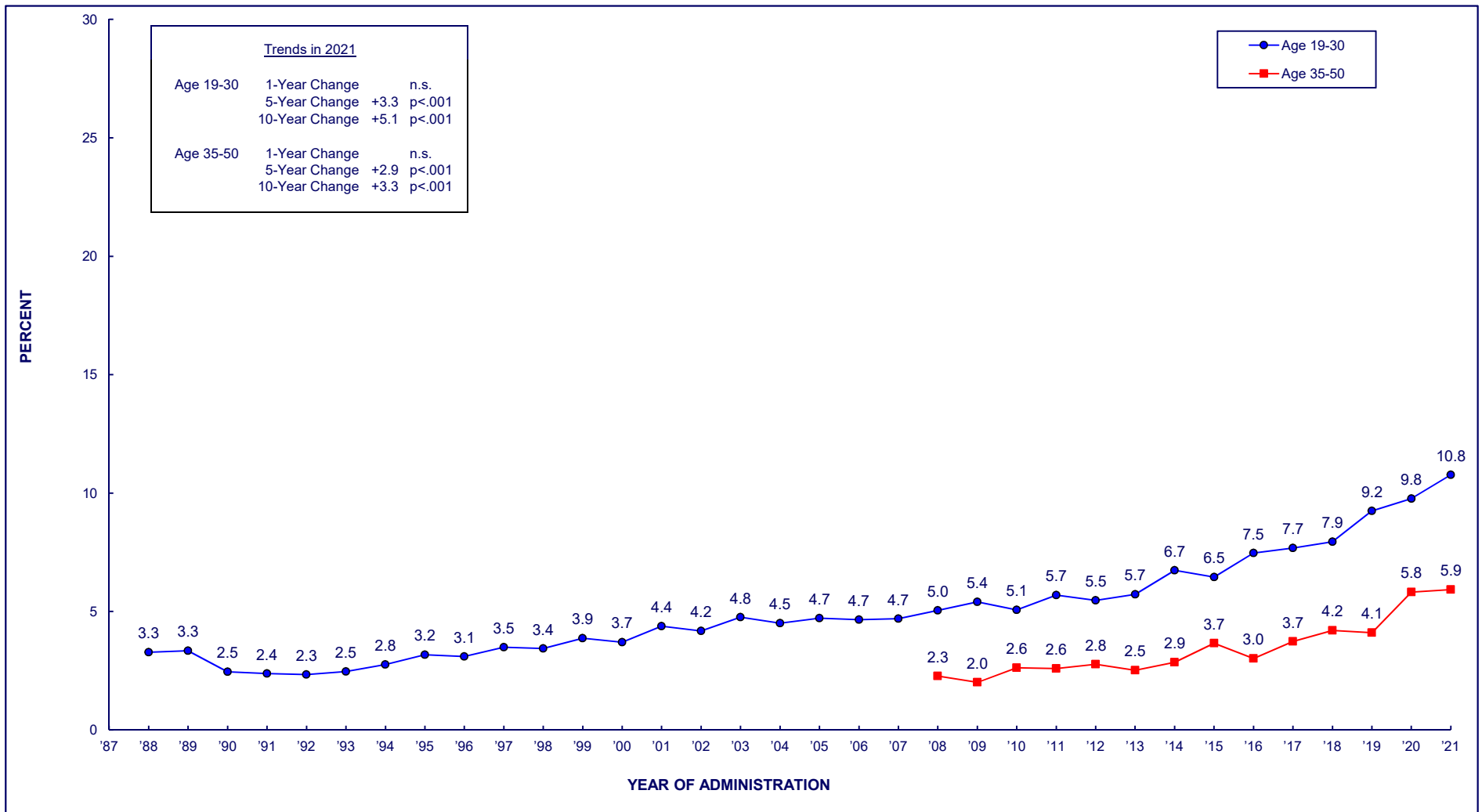
(Age-specific data provided in the following table.)

TABLE 4
MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	32.2												
1977	35.4												
1978	37.1	38.0											
1979	36.5	37.5											
1980	33.7	33.9	35.9										
1981	31.6	34.2	35.3										
1982	28.5	28.6	29.1	30.3									
1983	27.0	25.7	29.3	29.7									
1984	25.2	24.6	26.4	25.4	24.9								
1985	25.7	22.8	25.2	26.8	24.8								
1986	23.4	22.9	23.3	23.0	19.9	20.7							
1987	21.0	20.4	21.8	19.6	21.5	20.3							
1988	18.0	20.1	18.5	17.4	17.2	16.1	15.4						
1989	16.7	16.3	15.9	15.6	14.7	14.7	15.0						
1990	14.0	15.2	14.3	13.4	13.4	12.9	11.5						
1991	13.8	13.2	14.7	13.0	13.0	13.5	12.7						
1992	11.9	14.1	14.7	12.5	12.6	12.0	12.2						
1993	15.5	14.6	13.8	13.6	12.4	12.3	11.2						
1994	19.0	15.3	16.5	13.3	12.9	11.6	11.4	8.7					
1995	21.2	18.7	15.4	12.2	11.7	10.4	10.8	11.1					
1996	21.9	19.9	16.4	14.2	12.6	11.0	10.5	8.8					
1997	23.7	19.9	18.9	14.0	10.5	10.1	9.4	10.7					
1998	22.8	20.1	17.5	13.8	11.8	10.5	9.0	9.1	10.5				
1999	23.1	23.1	17.8	15.3	12.0	8.9	9.3	8.8	8.3				
2000	21.6	22.3	19.8	14.7	12.5	10.7	9.8	8.3	8.5				
2001	22.4	21.0	22.9	14.9	14.5	10.3	8.3	8.8	8.3				
2002	21.5	22.2	20.1	17.2	14.8	9.9	9.0	8.9	8.1				
2003	21.2	22.5	18.2	18.9	14.5	12.2	8.9	7.1	8.2	8.4			
2004	19.9	20.7	18.3	15.6	15.1	12.0	8.5	7.8	8.3	6.5			
2005	19.8	18.9	17.9	14.1	15.9	11.9	11.9	7.0	8.1	7.2			
2006	18.3	17.5	17.4	16.2	14.0	13.1	10.1	6.2	6.7	6.3			
2007	18.8	18.4	18.0	16.2	13.6	13.5	10.4	5.8	6.7	6.9			
2008	19.4	17.9	17.8	16.2	13.3	14.2	12.9	7.8	6.6	6.4	7.2		
2009	20.6	19.5	20.0	16.0	15.3	13.3	12.1	5.9	6.8	7.3	5.9		
2010	21.4	18.0	18.0	17.3	13.6	13.5	11.0	8.9	7.1	7.3	6.8		
2011	22.6	20.4	21.9	18.1	15.5	15.0	10.9	10.1	6.5	7.3	5.9		
2012	22.9	21.6	19.8	18.0	14.0	14.6	11.5	9.1	6.5	6.6	7.3		
2013	22.7	21.8	23.0	20.0	15.8	13.9	13.7	10.4	8.2	5.7	7.5	7.6	
2014	21.2	24.3	21.2	17.8	17.4	15.1	13.2	11.1	6.8	7.1	8.1	8.1	
2015	21.3	22.6	22.5	19.0	20.7	15.4	12.8	13.2	8.8	7.8	8.0	8.6	
2016	22.5	24.9	25.1	22.3	18.0	18.2	15.3	10.8	10.5	7.2	7.4	6.4	
2017	22.9	22.0	25.7	24.6	21.8	21.1	17.8	13.9	10.8	8.2	9.4	9.6	
2018	22.2	24.1	27.5	26.1	21.7	21.5	22.7	15.1	13.8	11.3	8.4	9.9	4.7
2019	22.3	26.5	30.5	25.4	25.3	25.6	24.5	16.0	16.4	10.2	10.3	10.9	5.0
2020	21.1	23.8	29.3	28.9	29.1	26.2	23.3	16.6	16.9	12.4	10.1	10.0	7.7
2021	19.5	26.2	29.4	29.2	30.8	27.9	27.2	19.2	17.1	16.1	11.4	9.5	9.9

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 3
MARIJUANA
Trends in 30-Day Prevalence of Daily Use
among Respondents of Modal Ages 19 through 50, by Age Group



Trends in 2021		
Age 19-30	1-Year Change	n.s.
	5-Year Change	+3.3 p<.001
	10-Year Change	+5.1 p<.001
Age 35-50	1-Year Change	n.s.
	5-Year Change	+2.9 p<.001
	10-Year Change	+3.3 p<.001

(Age-specific data provided in the following table.)

TABLE 5
MARIJUANA
Trends in 30-Day Prevalence of Daily Use
among Respondents of Modal Ages 18 through 60, by Age Group

Year	Age 18	Ages 19–20	Ages 21–22	Ages 23–24	Ages 25–26	Ages 27–28	Ages 29–30	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60
1976	8.2												
1977	9.1												
1978	10.7	10.5											
1979	10.3	10.9											
1980	9.1	8.1	10.9										
1981	7.0	7.9	9.4										
1982	6.3	6.6	6.4	8.1									
1983	5.5	5.2	6.2	6.7									
1984	5.0	4.7	5.3	5.5	6.0								
1985	4.9	4.6	4.5	5.8	6.1								
1986	4.0	3.5	4.1	4.9	3.6	4.8							
1987	3.3	3.4	3.9	4.3	5.0	4.6							
1988	2.7	3.5	3.5	3.1	3.4	3.0	3.2						
1989	2.9	2.8	3.1	3.0	3.3	4.1	3.2						
1990	2.2	2.3	2.5	2.7	2.7	2.4	2.2						
1991	2.0	2.1	2.4	2.1	2.5	2.6	2.6						
1992	1.9	1.4	2.6	2.3	2.6	2.5	2.9						
1993	2.4	2.3	2.3	2.7	2.5	2.3	2.7						
1994	3.5	3.1	2.9	3.1	2.7	2.2	2.4	2.3					
1995	4.6	4.7	3.4	3.3	2.3	2.5	2.5	2.6					
1996	4.9	4.9	3.2	2.3	3.1	2.5	2.2	2.3					
1997	5.8	5.4	5.3	2.6	2.5	2.7	2.3	3.5					
1998	5.6	5.2	5.2	3.1	2.4	2.3	2.4	2.7	3.2				
1999	6.0	6.2	4.6	5.1	3.1	2.8	2.5	1.9	2.1				
2000	6.0	6.0	5.5	3.8	3.4	2.0	2.2	2.7	2.6				
2001	5.8	6.1	7.0	4.7	4.6	2.3	2.6	2.3	1.8				
2002	6.0	6.0	6.0	5.5	2.7	2.5	2.3	3.0	3.0				
2003	6.0	6.5	6.0	6.6	3.5	4.0	1.9	2.1	2.4	2.6			
2004	5.6	6.0	5.1	5.3	5.5	2.9	2.0	2.5	1.8	2.0			
2005	5.0	6.4	4.6	4.5	5.9	3.0	3.9	2.1	1.9	2.1			
2006	5.0	5.2	5.3	5.3	5.0	4.3	2.5	2.8	2.3	1.4			
2007	5.1	5.1	4.9	5.2	4.1	5.7	3.2	1.9	2.3	2.7			
2008	5.4	4.1	6.1	5.4	5.5	4.3	4.8	2.2	2.2	2.7	2.0		
2009	5.2	5.8	6.3	5.8	5.1	3.7	5.4	1.7	2.1	2.2	2.0		
2010	6.1	6.0	5.1	5.8	4.0	5.3	4.0	3.8	2.3	2.2	2.2		
2011	6.6	6.6	6.3	6.9	5.8	4.6	3.7	2.7	2.7	2.7	2.3		
2012	6.5	6.2	6.1	5.7	5.1	5.1	4.5	3.6	2.6	2.2	2.7		
2013	6.5	6.2	7.8	6.2	5.8	5.1	2.9	3.3	2.3	2.4	2.1	2.7	
2014	5.8	7.9	7.7	6.8	6.1	6.1	5.7	5.1	1.4	2.6	2.5	2.4	
2015	6.0	7.9	6.3	7.0	7.0	5.5	4.7	5.3	4.1	2.5	2.9	2.8	
2016	6.0	7.0	8.8	9.6	6.6	6.2	6.7	3.7	3.4	2.8	2.2	2.7	
2017	5.9	6.2	9.0	9.2	8.0	6.6	6.9	5.1	4.5	2.7	2.6	3.2	
2018	5.8	7.1	8.6	7.5	8.3	8.4	8.0	5.2	3.5	3.4	3.8	4.4	2.0
2019	6.4	7.6	10.8	9.6	9.7	9.6	8.3	6.4	2.4	3.0	3.3	2.9	2.5
2020	6.9	7.7	11.9	10.8	9.9	11.0	7.5	7.1	5.2	3.8	3.3	4.5	2.7
2021	5.8	9.6	9.1	12.0	11.9	10.0	11.8	9.3	6.0	5.4	3.6	4.0	3.8

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 4
VAPING MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group

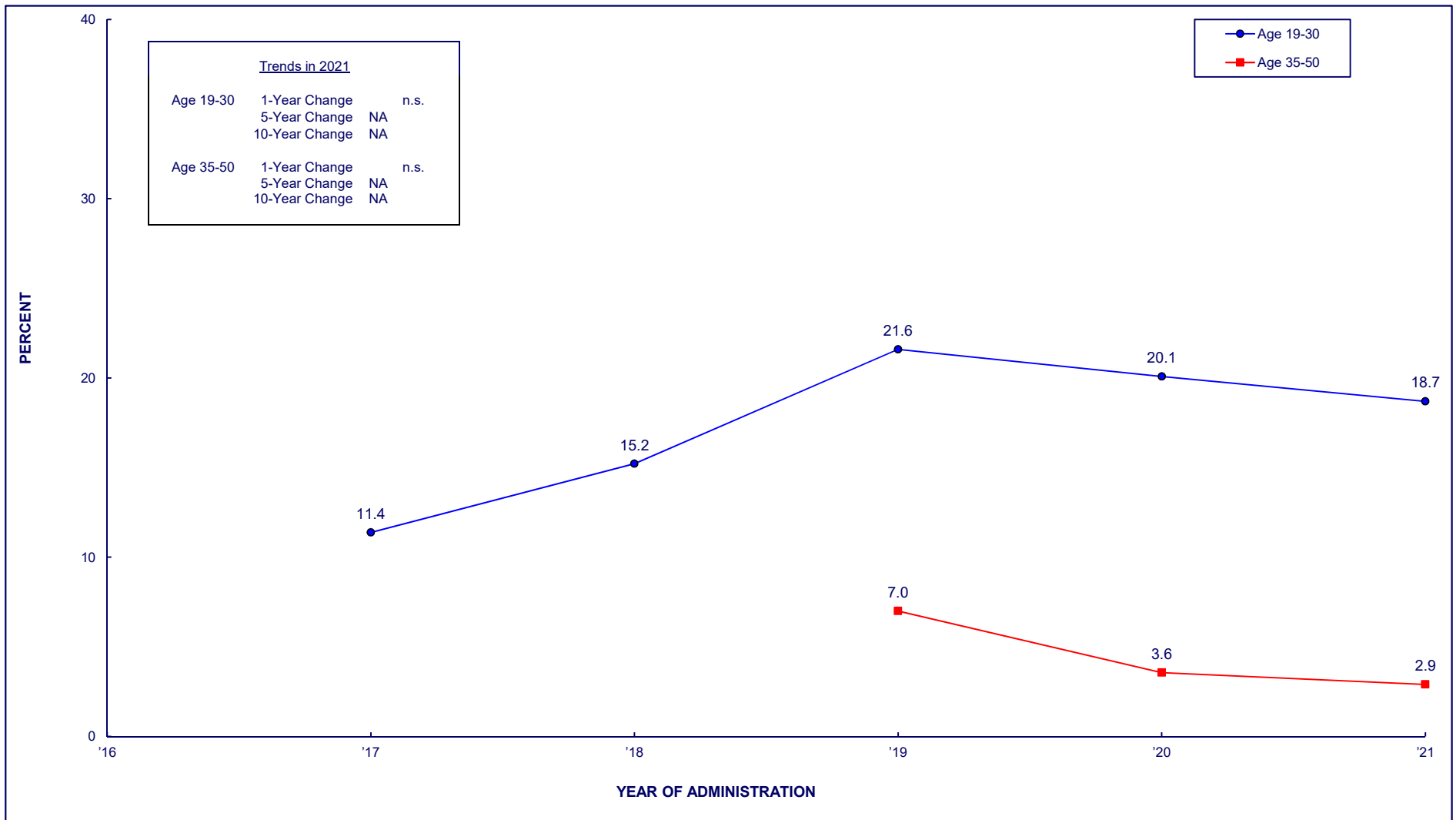
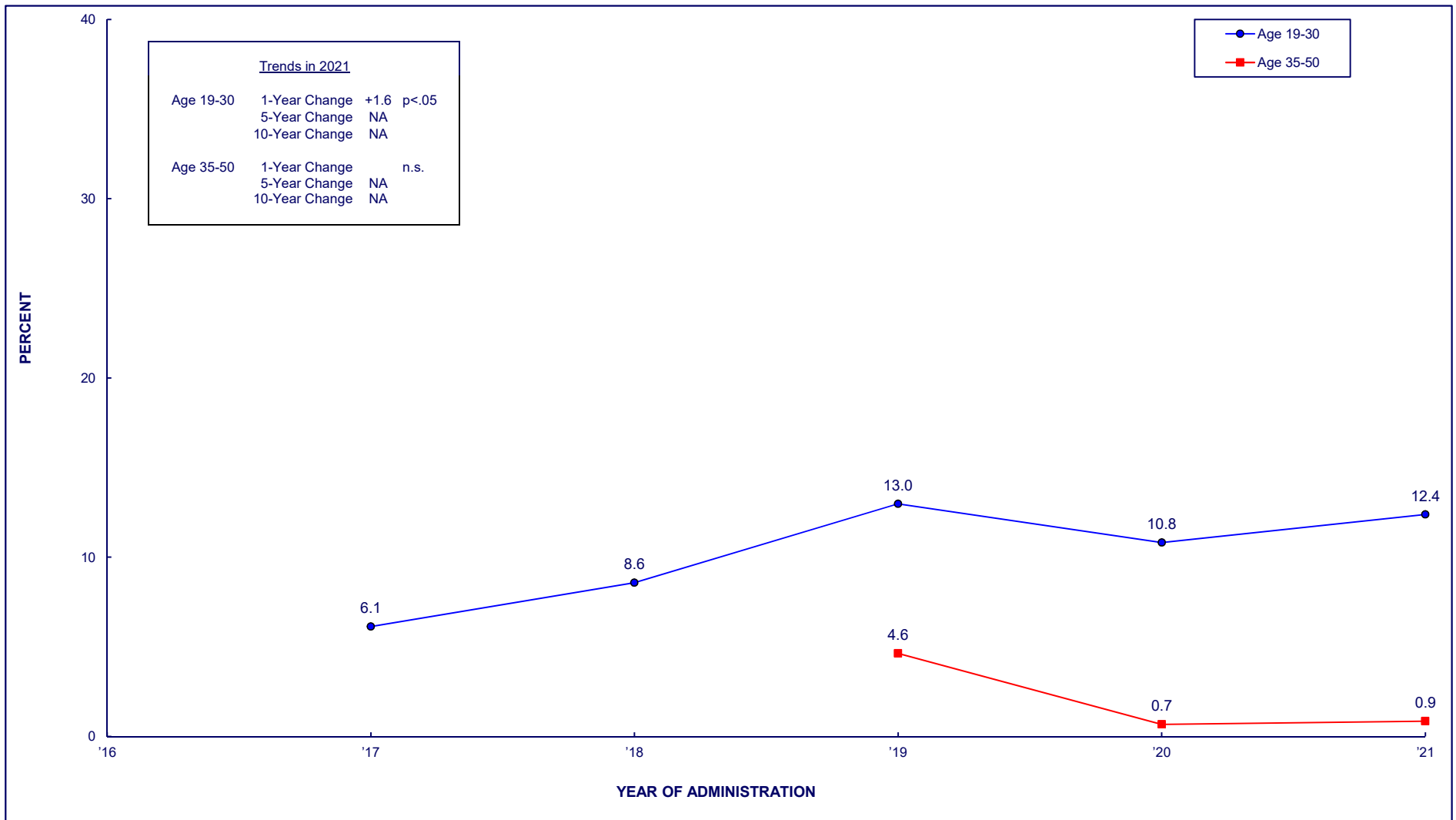


FIGURE 5
VAPING MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



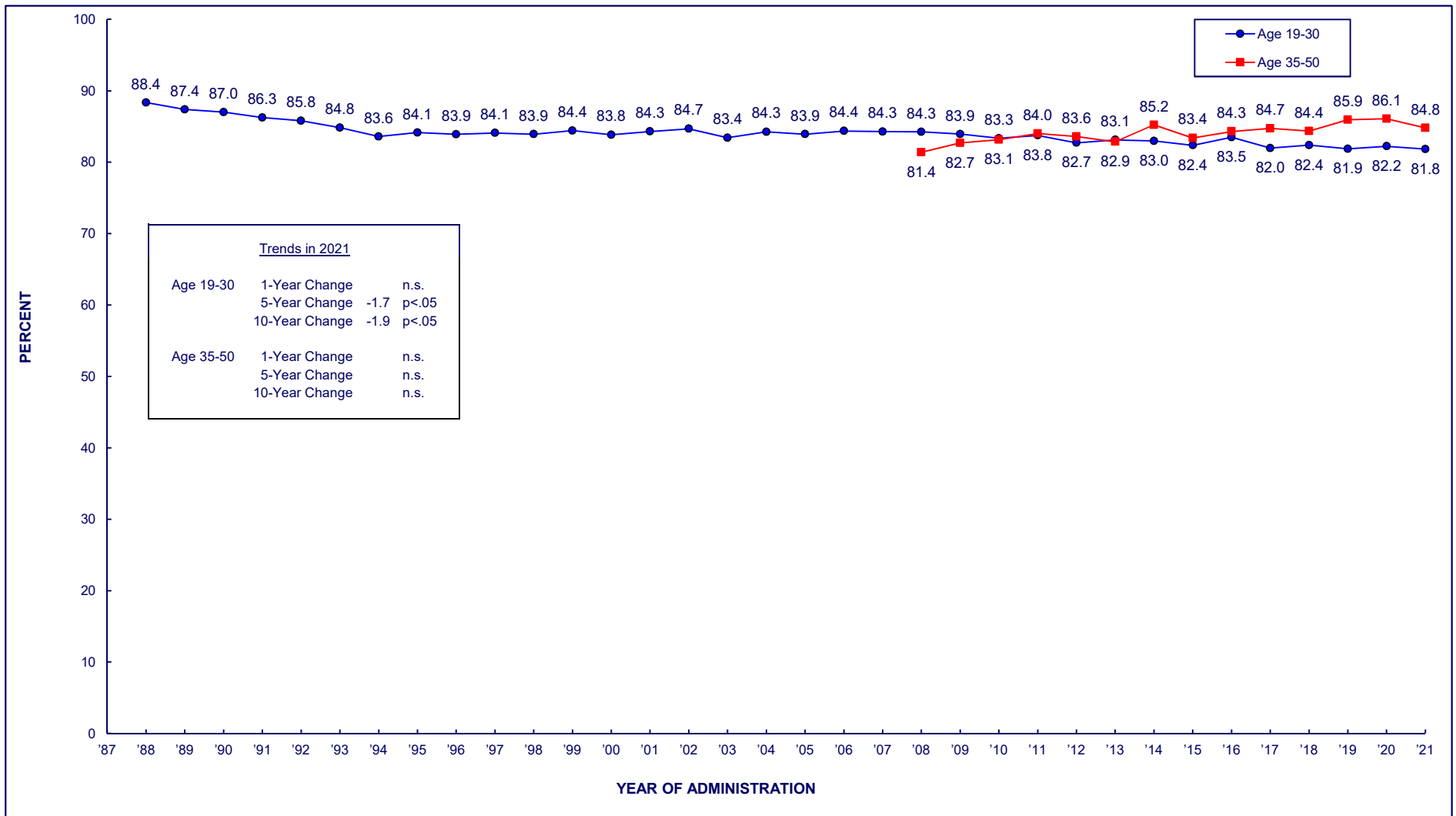
(Age-specific data provided in the following table.)

TABLE 6
VAPING MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
2017	4.9	6.0	6.1	8.4	4.6	7.4	4.1						
2018	7.5	9.8	10.1	10.5	10.0	6.4	5.7						
2019	14.0	14.3	14.7	11.3	11.4	12.1	14.3	6.8	6.5	2.4	3.2	2.9	2.5
2020	12.2	13.6	12.6	11.3	10.1	9.4	7.9	1.1	0.9	0.3	0.5	*	0.2
2021	12.4	13.6	12.8	13.0	12.8	10.3	11.6	1.6	0.6	0.6	0.7	0.3	0.3

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 6
ALCOHOL
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



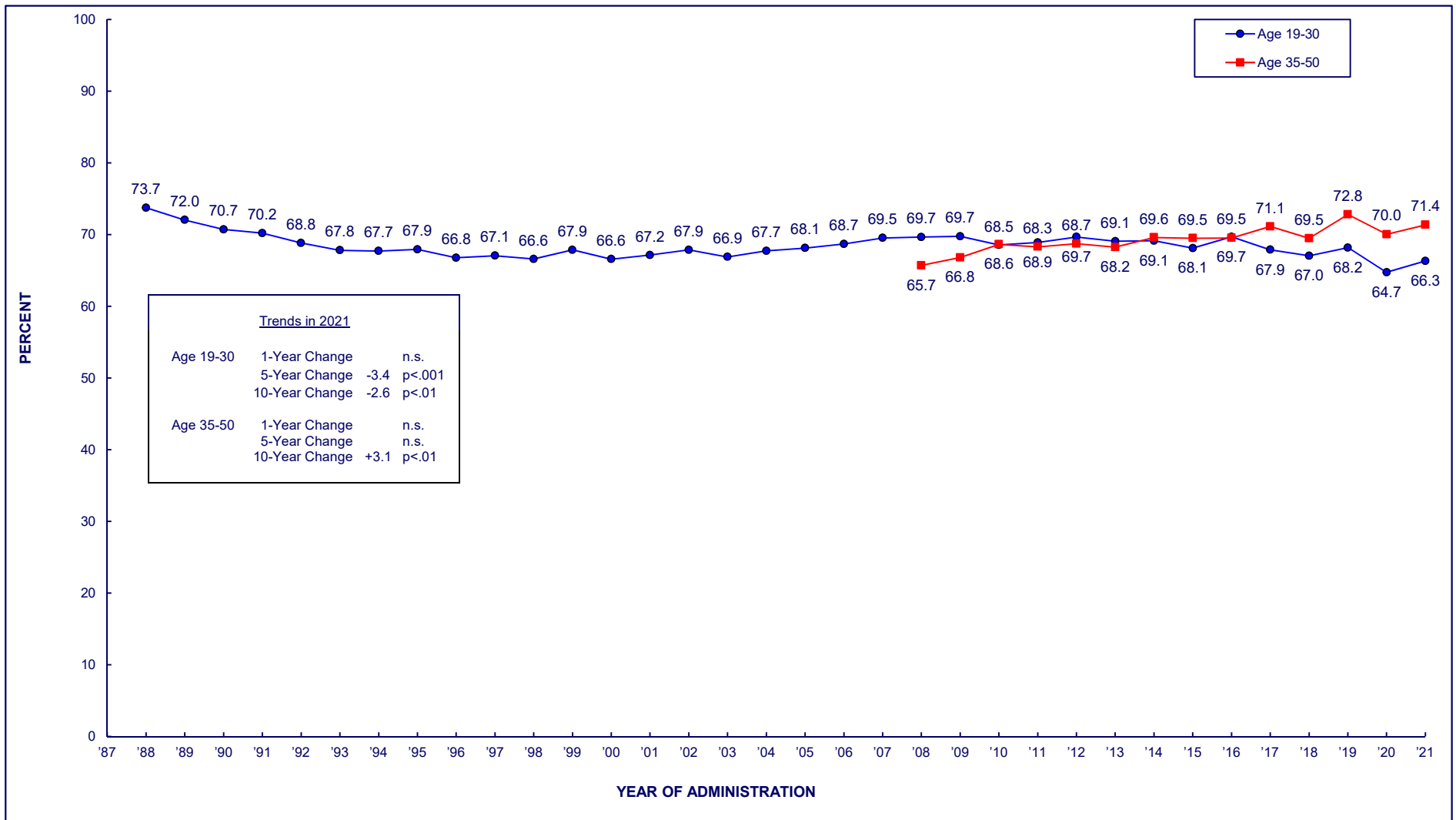
(Age-specific data provided in the following table.)

TABLE 7
ALCOHOL
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	85.7												
1977	87.0												
1978	87.7	89.8											
1979	88.1	90.6											
1980	87.9	89.0	90.2										
1981	87.0	90.6	91.6										
1982	86.8	88.6	91.8	90.0									
1983	87.3	88.5	91.8	91.7									
1984	86.0	88.7	89.1	90.4	88.2								
1985	85.6	88.5	89.8	91.6	89.9								
1986	84.5	88.2	90.1	88.1	88.8	87.8							
1987	85.7	88.2	90.8	89.7	90.5	87.8							
1988	85.3	86.6	89.5	89.7	89.4	87.7	87.2						
1989	82.7	87.5	89.1	88.7	87.5	88.0	86.0						
1990	80.6	85.6	89.6	88.2	87.5	86.4	86.9						
1991	77.7	84.6	89.0	88.1	87.7	85.3	85.0						
1992	76.8	81.9	87.9	89.1	86.7	85.6	84.5						
1993	76.0	80.6	85.9	87.8	87.8	85.7	83.2						
1994	73.0	78.2	84.4	86.6	86.0	84.5	82.6	82.5					
1995	73.7	78.3	85.7	87.8	86.7	85.7	83.3	82.1					
1996	72.5	79.6	84.4	85.7	85.9	85.3	84.7	83.5					
1997	74.8	79.2	85.1	85.4	86.4	85.9	83.7	82.3					
1998	74.3	79.7	86.3	84.9	83.8	85.3	84.2	82.3	77.3				
1999	73.8	79.6	85.5	85.2	85.0	85.4	85.4	81.0	80.0				
2000	73.2	79.7	86.2	87.2	84.2	82.9	83.7	81.0	80.3				
2001	73.3	77.6	87.0	86.7	86.3	84.2	84.3	82.7	81.5				
2002	71.5	78.0	85.8	88.0	88.3	84.7	83.6	85.1	80.0				
2003	70.1	75.0	84.3	87.6	86.4	83.6	83.9	82.6	81.6	78.9			
2004	70.6	75.2	86.8	87.2	87.9	86.1	83.5	86.7	79.8	79.2			
2005	68.6	77.3	84.4	86.6	85.6	85.3	84.8	85.8	81.6	80.3			
2006	66.5	77.9	83.6	88.2	86.4	86.9	84.0	83.7	80.5	82.8			
2007	66.4	72.9	87.8	87.8	86.1	85.8	85.9	84.0	85.2	80.7			
2008	65.5	72.3	88.6	86.6	86.4	84.7	87.8	84.3	82.0	80.3	79.0		
2009	66.2	71.4	85.2	89.3	88.2	87.2	84.8	83.5	86.6	81.3	79.7		
2010	65.2	68.8	83.4	89.2	86.7	86.6	86.7	85.0	86.1	81.1	80.3		
2011	63.5	71.5	82.1	88.3	90.6	86.4	85.1	89.0	84.4	80.6	82.1		
2012	63.5	70.3	81.8	85.0	89.4	86.7	84.2	87.2	83.0	84.4	80.2		
2013	62.0	68.4	82.8	84.7	87.9	89.6	86.6	86.7	83.5	81.5	79.7	76.9	
2014	60.2	67.3	84.0	85.3	85.5	90.2	86.4	89.2	84.1	84.8	83.3	77.9	
2015	58.2	67.9	84.3	85.0	83.7	85.8	88.4	85.9	81.9	85.3	80.6	78.4	
2016	55.6	67.6	86.5	85.0	84.4	85.2	90.8	87.3	85.7	83.0	81.5	80.5	
2017	55.7	63.9	83.8	87.6	84.3	84.4	85.7	87.9	83.5	84.6	83.2	81.2	
2018	53.3	63.0	83.5	89.7	86.8	85.7	86.1	87.0	86.4	84.2	79.9	80.8	77.5
2019	52.1	64.3	82.0	86.7	87.8	85.4	83.9	88.3	87.1	83.1	85.7	81.7	77.3
2020	55.3	64.0	82.9	85.7	88.9	87.0	85.3	89.4	84.8	85.8	84.7	80.4	78.9
2021	46.5	65.6	81.4	84.4	87.7	87.7	84.1	88.6	85.5	84.2	81.4	79.4	79.3

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 7
ALCOHOL
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



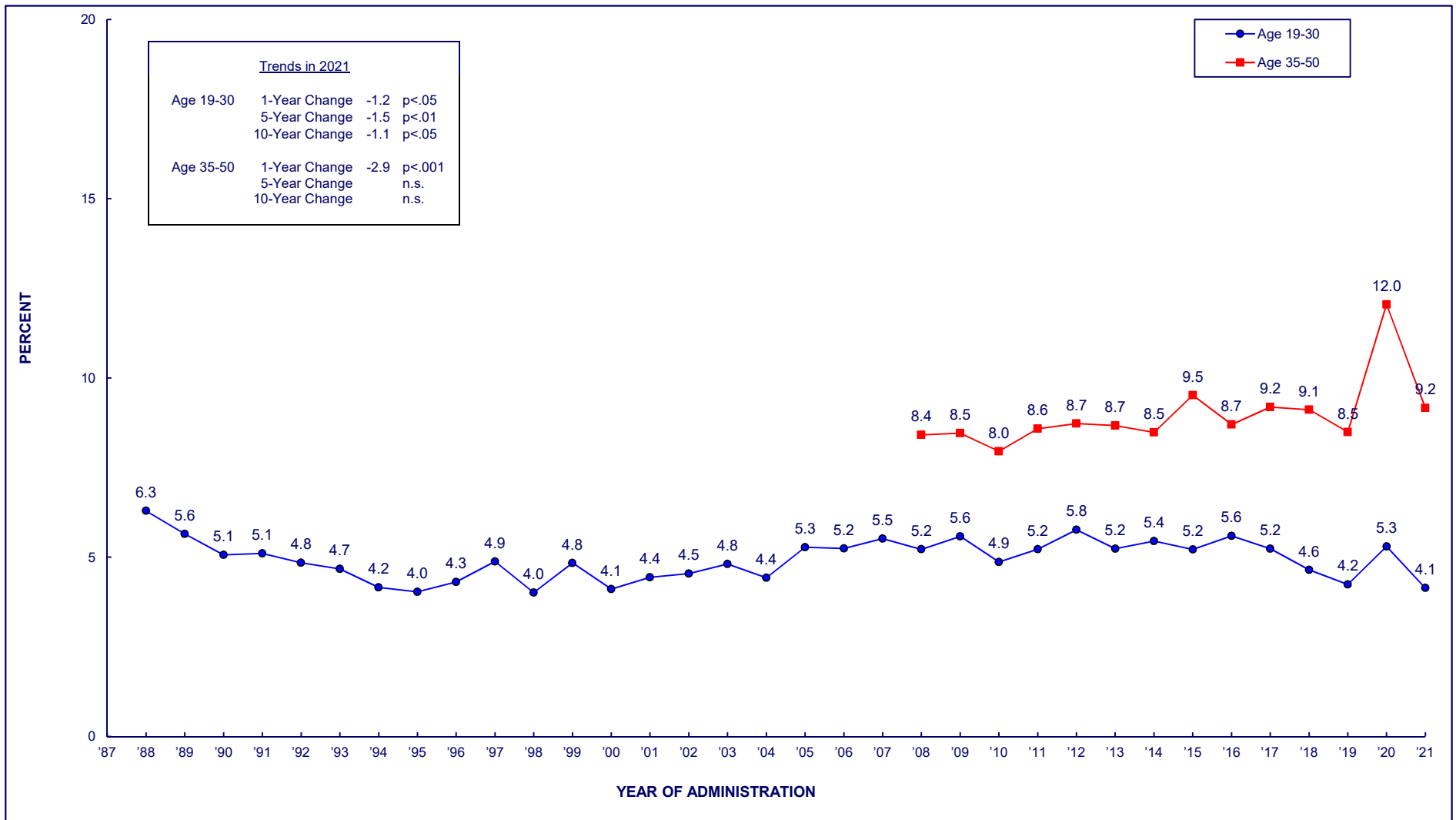
(Age-specific data provided in the following table.)

TABLE 8
ALCOHOL
Trends in 30-Day Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

Year	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	68.3												
1977	71.2												
1978	72.1	75.8											
1979	71.8	76.5											
1980	72.0	76.6	78.3										
1981	70.7	77.0	80.5										
1982	69.7	75.7	79.9	77.9									
1983	69.4	73.9	79.3	78.9									
1984	67.2	73.6	78.1	77.6	75.2								
1985	65.9	73.3	75.9	79.7	76.8								
1986	65.3	72.9	77.2	75.7	76.3	73.6							
1987	66.4	72.5	77.2	74.9	77.7	75.0							
1988	63.9	69.6	76.2	75.9	74.1	74.6	72.1						
1989	60.0	69.8	73.8	72.2	72.5	73.9	72.3						
1990	57.1	66.6	74.1	73.6	71.4	70.9	70.2						
1991	54.0	64.5	75.3	72.4	71.6	69.8	69.6						
1992	51.3	61.0	72.7	73.0	69.8	69.1	69.2						
1993	51.0	60.5	71.6	73.1	69.9	68.3	66.2						
1994	50.1	59.9	70.4	70.1	70.4	69.9	67.0	65.1					
1995	51.3	59.2	70.4	72.3	71.8	68.0	67.0	66.8					
1996	50.8	58.1	69.5	69.2	68.5	69.3	68.0	64.7					
1997	52.7	59.0	69.1	69.3	70.9	70.4	65.8	65.3					
1998	52.0	59.7	69.4	70.3	66.3	68.7	66.1	62.9	59.8				
1999	51.0	62.0	69.2	70.2	70.0	70.2	67.4	64.2	64.2				
2000	50.0	59.1	70.5	71.5	68.7	64.6	65.2	64.0	63.1				
2001	49.8	59.0	71.8	70.6	68.7	66.5	66.2	63.7	65.6				
2002	48.6	59.2	71.9	71.9	71.2	67.9	65.4	67.3	65.4				
2003	47.5	56.7	69.5	72.7	69.1	67.2	66.5	63.7	66.2	62.2			
2004	48.0	56.7	72.4	72.8	72.4	68.8	64.5	70.3	63.7	65.7			
2005	47.0	59.0	70.1	71.2	73.0	70.3	65.7	68.5	65.1	65.4			
2006	45.3	57.6	69.7	73.8	70.4	72.8	68.7	63.3	62.3	66.7			
2007	44.4	54.7	74.5	73.1	73.8	71.9	69.8	67.5	66.9	64.1			
2008	43.1	53.8	74.4	74.0	73.9	69.8	73.4	65.0	66.3	67.9	63.7		
2009	43.5	52.9	72.9	78.4	75.1	70.7	71.5	65.6	71.0	66.5	64.5		
2010	41.2	51.2	71.6	74.6	73.6	72.2	69.1	67.7	72.7	67.0	67.1		
2011	40.0	52.3	69.3	75.7	76.4	71.8	69.6	71.1	68.6	65.2	68.3		
2012	41.5	54.1	70.5	73.5	76.7	73.4	70.8	69.5	68.0	72.0	65.7		
2013	39.2	51.5	70.5	72.7	75.9	73.9	71.1	70.0	69.0	67.2	66.7	61.9	
2014	37.4	50.1	71.1	71.0	73.2	77.3	73.2	73.1	67.8	71.6	66.5	64.4	
2015	35.3	47.9	70.1	73.1	70.0	74.2	74.7	72.5	68.1	69.7	67.8	65.9	
2016	33.2	49.2	73.0	73.9	71.6	72.3	76.1	72.2	69.4	69.1	67.6	68.7	
2017	33.2	46.0	72.7	74.1	71.7	68.9	71.5	72.5	71.5	69.7	70.8	66.3	
2018	30.2	44.4	68.8	75.1	73.0	69.6	72.1	70.7	72.2	71.2	63.9	66.9	61.1
2019	29.3	45.6	68.4	73.8	75.0	71.9	72.6	73.8	73.3	71.0	73.3	66.0	63.9
2020	33.6	42.4	64.6	69.4	72.7	69.7	69.9	73.9	71.7	67.9	67.4	63.5	62.0
2021	25.8	46.1	64.7	69.8	74.8	73.5	68.6	73.1	73.3	71.6	67.8	67.0	65.8

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 8
ALCOHOL
Trends in 30-Day Prevalence of Daily Use
among Respondents of Modal Ages 19 through 50, by Age Group



Trends in 2021			
Age 19-30	1-Year Change	-1.2	p<.05
	5-Year Change	-1.5	p<.01
	10-Year Change	-1.1	p<.05
Age 35-50	1-Year Change	-2.9	p<.001
	5-Year Change		n.s.
	10-Year Change		n.s.

(Age-specific data provided in the following table.)

TABLE 9
ALCOHOL
Trends in 30-Day Prevalence of Daily Use
among Respondents of Modal Ages 18 through 60, by Age Group

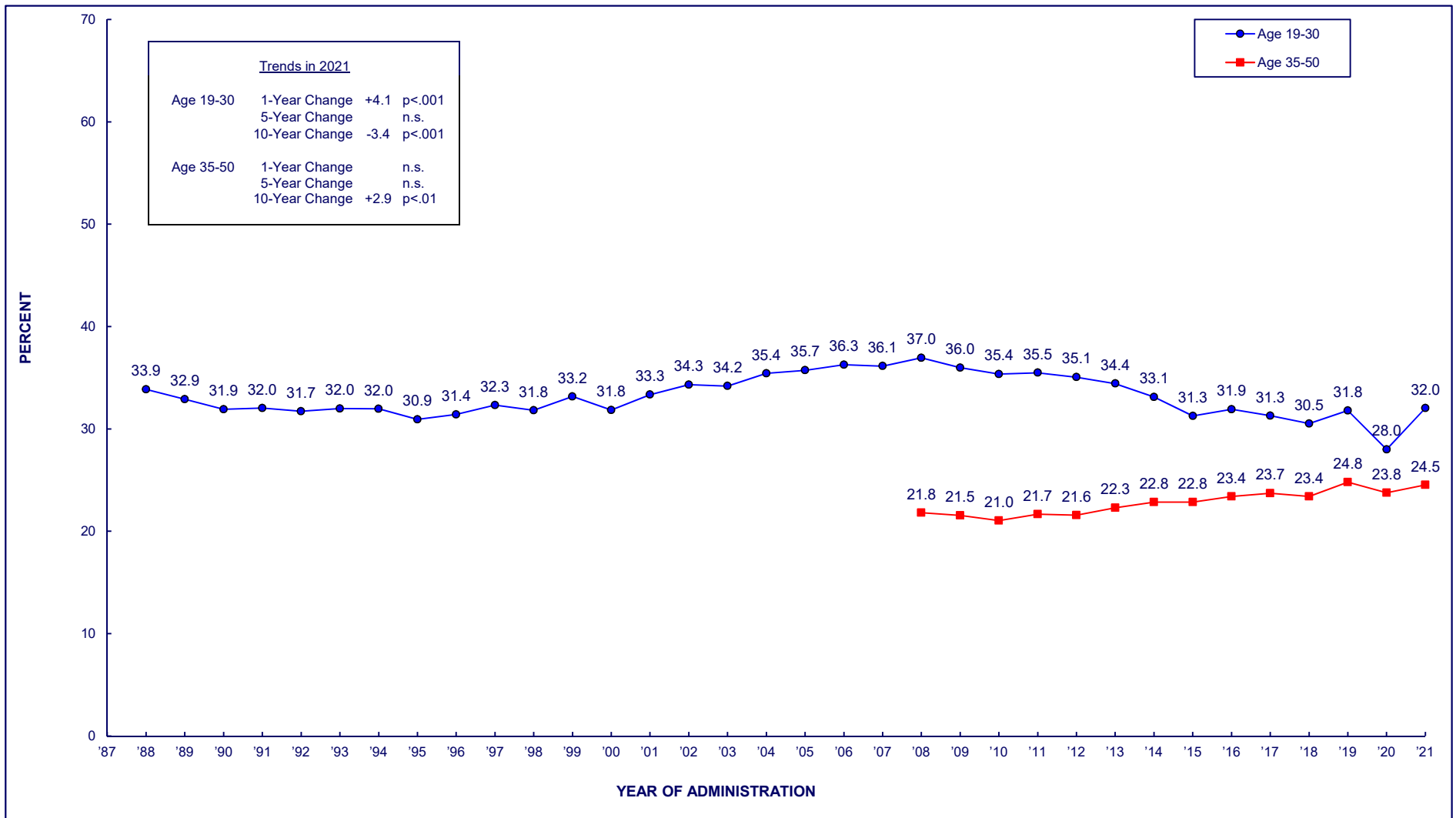
Year	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	5.6												
1977	6.1												
1978	5.7	7.6											
1979	6.9	7.7											
1980	6.0	7.0	8.4										
1981	6.0	7.2	7.7										
1982	5.7	7.5	7.8	8.2									
1983	5.5	5.3	8.0	8.5									
1984	4.8	5.8	7.7	6.8	7.5								
1985	5.0	5.6	6.4	7.3	7.5								
1986	4.8	5.3	6.3	6.2	5.3	7.3							
1987	4.8	5.7	7.0	6.1	6.9	7.2							
1988	4.2	4.8	7.2	6.2	6.3	5.7	7.6						
1989	4.2	4.7	5.0	5.1	6.0	6.9	5.6						
1990	3.7	4.0	4.9	5.3	4.8	4.9	5.6						
1991	3.6	3.7	4.9	5.4	4.9	6.2	5.9						
1992	3.4	3.3	4.4	4.2	6.1	4.4	5.8						
1993	2.5	3.2	5.1	4.9	5.1	4.7	4.6						
1994	2.9	3.3	3.9	3.7	3.3	5.4	5.0	7.2					
1995	3.5	3.1	3.5	4.1	4.4	4.7	4.1	5.5					
1996	3.7	2.7	5.1	4.8	3.7	3.6	5.1	7.5					
1997	3.9	4.8	4.6	4.5	5.1	4.2	5.9	4.8					
1998	3.9	3.6	5.7	3.9	3.4	3.1	3.4	6.0	6.9				
1999	3.4	4.1	5.9	4.7	5.1	4.3	5.2	5.2	7.5				
2000	2.9	3.9	5.3	4.2	3.8	3.5	3.9	5.2	6.5				
2001	3.6	3.6	6.2	4.6	5.0	2.7	4.3	5.8	7.5				
2002	3.5	3.9	5.6	5.0	5.4	3.7	3.8	4.8	6.6				
2003	3.2	3.6	5.7	6.5	4.6	5.1	3.5	3.9	7.8	7.8			
2004	2.8	3.7	5.7	5.5	4.3	3.5	3.8	6.3	6.6	9.0			
2005	3.1	3.6	6.0	5.8	6.0	4.6	5.8	6.1	7.2	8.5			
2006	3.0	4.3	5.9	5.7	5.2	5.8	4.5	5.3	7.0	9.5			
2007	3.1	3.4	6.1	6.0	6.5	6.2	5.1	8.1	6.1	8.8			
2008	2.8	2.3	5.5	6.3	6.4	6.3	4.8	5.4	7.2	9.9	11.0		
2009	2.5	2.5	5.7	6.5	5.9	6.5	7.1	6.9	8.5	9.3	9.2		
2010	2.7	1.8	5.4	4.9	5.6	5.7	6.1	6.0	7.8	7.2	10.5		
2011	2.1	2.4	6.1	5.2	5.7	7.0	5.3	7.6	7.4	7.7	11.3		
2012	2.5	3.0	4.9	6.4	5.9	7.5	7.2	6.3	8.3	9.5	10.6		
2013	2.2	2.7	4.9	4.9	6.9	6.5	5.8	6.7	8.7	8.4	10.8	10.5	
2014	1.9	2.9	5.6	5.2	5.7	5.8	7.6	8.0	7.3	8.8	9.8	10.0	
2015	1.9	1.6	3.9	5.2	5.6	7.5	7.8	9.8	8.6	10.0	9.6	11.2	
2016	1.3	2.0	6.0	4.5	6.4	7.5	6.8	7.9	8.5	8.7	9.7	14.5	
2017	1.6	1.1	4.4	6.4	5.5	6.9	6.4	8.7	8.0	10.0	10.0	11.1	
2018	1.2	1.4	3.5	6.0	5.0	5.5	6.4	8.0	8.0	9.9	10.4	11.1	12.3
2019	1.7	0.4	4.3	3.6	5.8	4.7	6.3	7.6	8.6	8.7	9.0	11.3	11.9
2020	2.7	1.3	3.1	4.6	7.8	6.9	8.2	12.2	11.8	13.1	11.1	12.8	12.6
2021	0.9	1.8	3.5	4.0	4.7	5.3	5.6	9.4	7.3	10.8	9.1	10.4	14.2

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 9

ALCOHOL

**Trends in 2-Week Prevalence of Binge Drinking (5+ Drinks in a Row)
among Respondents of Modal Ages 19 through 50, by Age Group**



(Age-specific data provided in the following table.)

TABLE 10
ALCOHOL

**Trends in 2-Week Prevalence of Binge Drinking (5+ Drinks in a Row)
among Respondents of Modal Ages 18 through 60, by Age Group**

Year	Age 18	Ages 19–20	Ages 21–22	Ages 23–24	Ages 25–26	Ages 27–28	Ages 29–30	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60
1976	37.1												
1977	39.4												
1978	40.3	41.1											
1979	41.2	42.1											
1980	41.2	42.7	40.7										
1981	41.4	43.1	43.6										
1982	40.5	41.7	41.6	37.1									
1983	40.8	40.9	42.3	39.3									
1984	38.7	41.0	40.4	35.1	33.7								
1985	36.7	41.2	40.4	37.3	33.3								
1986	36.8	41.2	40.8	35.8	31.5	30.1							
1987	37.5	37.2	41.0	36.6	33.3	32.2							
1988	34.7	37.3	42.0	37.0	30.7	28.0	26.7						
1989	33.0	36.9	39.3	35.4	31.7	29.8	26.3						
1990	32.2	36.0	38.1	35.5	32.0	28.9	25.2						
1991	29.8	37.0	40.3	34.4	31.5	28.8	24.3						
1992	27.9	34.0	39.9	34.9	31.8	29.2	25.7						
1993	27.5	34.6	40.3	35.0	32.1	29.0	25.1						
1994	28.2	34.5	40.5	32.9	30.9	28.5	27.5	21.1					
1995	29.8	31.7	38.5	35.6	28.7	26.9	26.3	20.0					
1996	30.2	32.7	38.2	36.3	30.0	29.7	24.9	21.9					
1997	31.3	36.5	40.2	33.4	31.5	29.3	26.5	22.3					
1998	31.5	34.5	39.7	35.3	31.3	28.9	26.6	20.4	19.7				
1999	30.8	35.3	40.2	38.1	33.0	32.0	26.9	21.4	20.5				
2000	30.0	35.3	40.6	37.0	31.5	29.1	24.0	22.2	18.3				
2001	29.7	36.3	42.4	38.2	33.7	29.2	27.3	20.6	21.3				
2002	28.6	36.0	40.7	39.4	34.9	28.9	25.8	22.9	20.8				
2003	27.9	33.6	39.9	39.3	35.1	31.1	26.4	22.4	20.7	20.1			
2004	29.2	35.5	41.7	40.4	36.4	31.3	26.9	21.6	20.2	19.2			
2005	27.1	36.3	40.4	39.2	37.7	31.5	29.1	23.0	22.2	19.6			
2006	25.4	33.9	42.2	43.2	36.0	32.5	29.1	22.5	20.0	19.8			
2007	25.9	31.4	45.8	39.8	38.3	33.4	28.4	23.6	20.4	19.4			
2008	24.6	30.7	42.1	42.2	40.0	35.0	31.9	24.4	21.9	20.9	20.0		
2009	25.2	28.1	41.2	41.7	39.5	34.2	32.1	21.8	25.1	21.8	17.9		
2010	23.2	28.2	39.3	40.1	36.6	35.6	32.6	23.0	21.6	22.1	17.8		
2011	21.6	29.8	39.2	39.9	38.7	35.0	30.4	25.7	22.2	20.0	19.1		
2012	23.7	29.5	39.1	37.5	36.3	35.1	32.8	24.3	22.2	21.0	19.0		
2013	22.1	27.2	40.2	37.7	37.0	33.6	30.9	24.4	24.3	20.1	20.3	17.0	
2014	19.4	28.2	38.4	33.6	32.2	35.5	31.0	24.0	22.3	23.4	21.9	17.7	
2015	17.2	23.7	34.8	35.0	34.8	31.6	27.7	29.2	20.3	20.5	22.0	18.9	
2016	15.5	23.1	38.2	34.7	34.7	30.3	29.8	25.3	22.6	24.2	21.7	19.1	
2017	16.6	22.1	39.8	31.2	33.8	31.4	28.7	27.5	24.5	23.2	19.8	16.9	
2018	13.8	20.0	33.7	36.3	32.9	30.9	30.2	27.3	23.0	24.1	19.3	18.7	16.0
2019	14.4	20.5	35.3	33.9	36.7	32.6	31.2	28.1	23.1	23.5	24.6	22.2	17.7
2020	16.8	17.2	31.4	30.6	31.5	30.5	27.2	26.2	26.0	22.6	21.1	20.1	16.2
2021	11.8	23.4	32.5	34.6	35.4	34.1	32.4	24.8	26.3	23.8	23.4	21.5	16.9

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 10

ALCOHOL

**Trends in Two-Week Prevalence of High-Intensity Drinking (10+ Drinks in a Row)
among Respondents of Modal Ages 19 through 30**

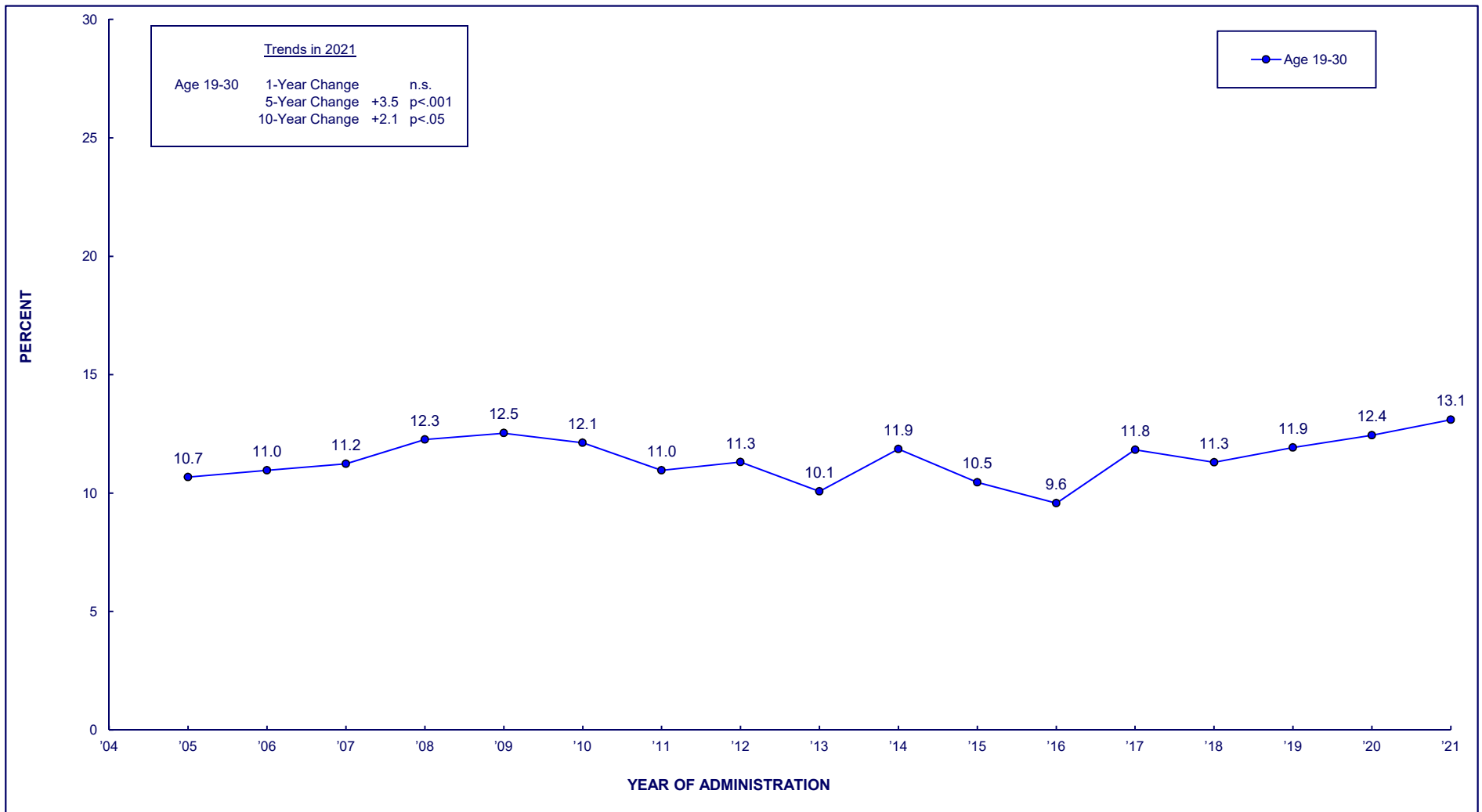


FIGURE 11
ALCOHOL
Trends in Two-Week Prevalence of High-Intensity Drinking (15+ Drinks in a Row)
among Respondents of Modal Ages 19 through 30

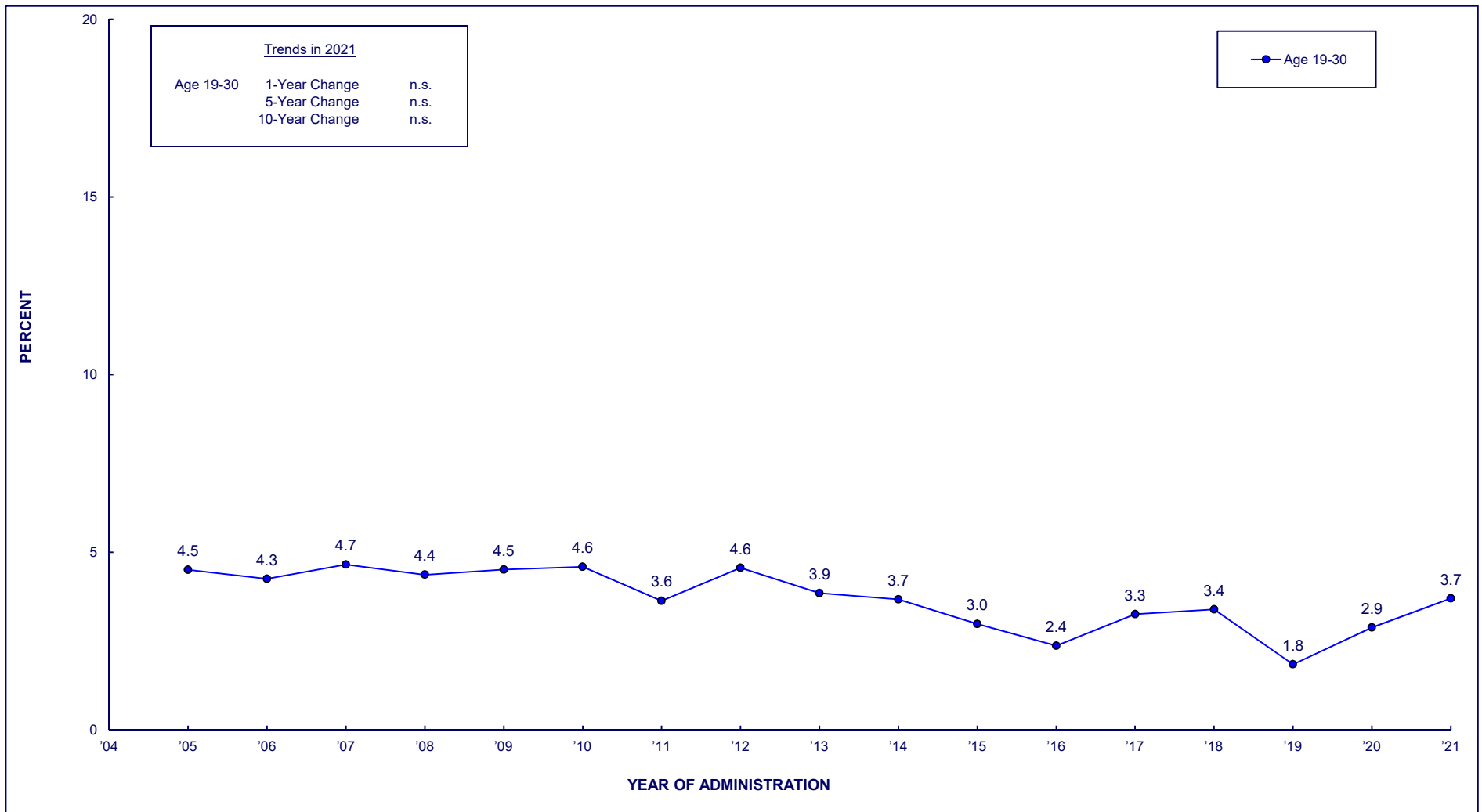
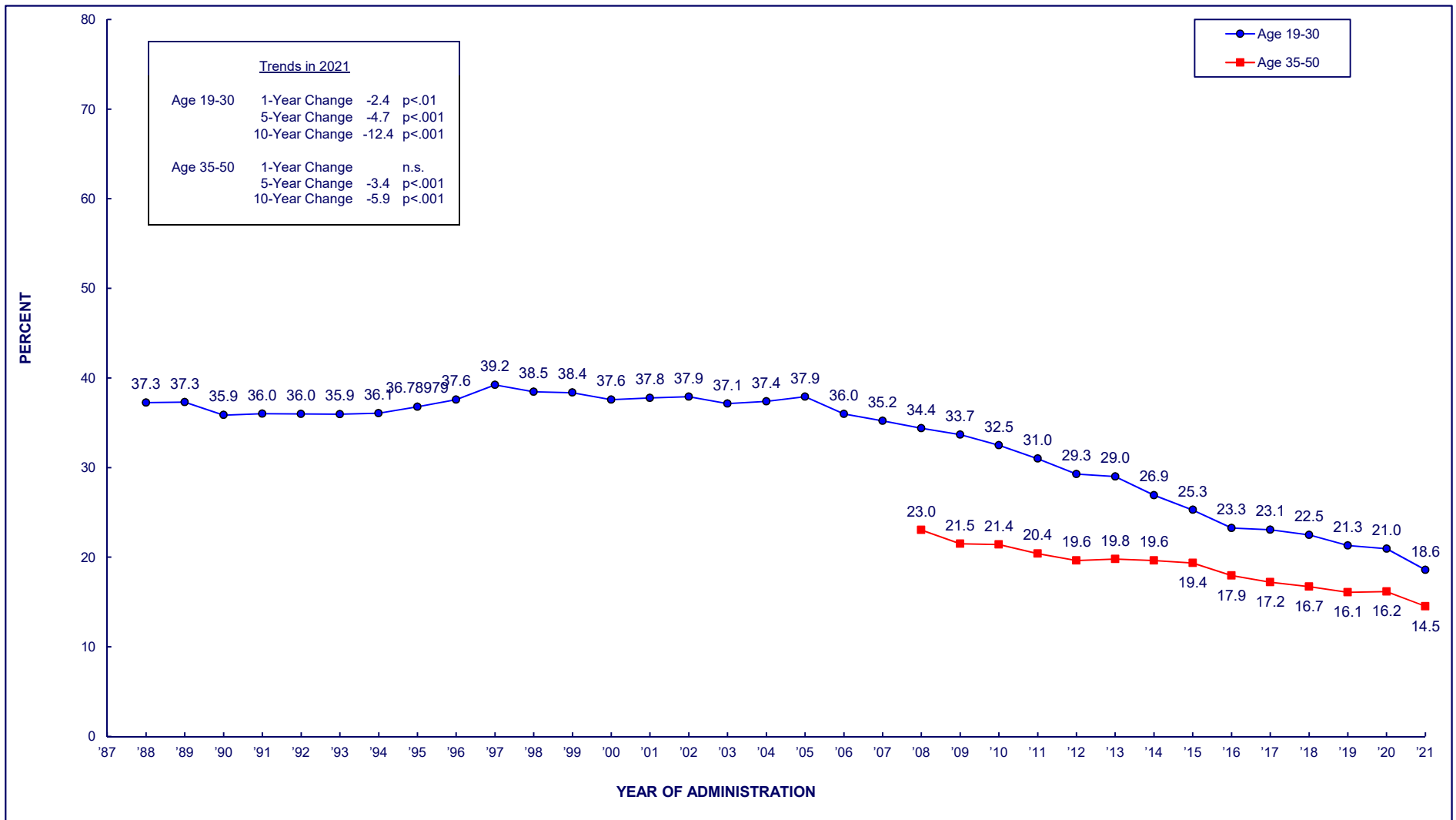


FIGURE 12
CIGARETTES
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



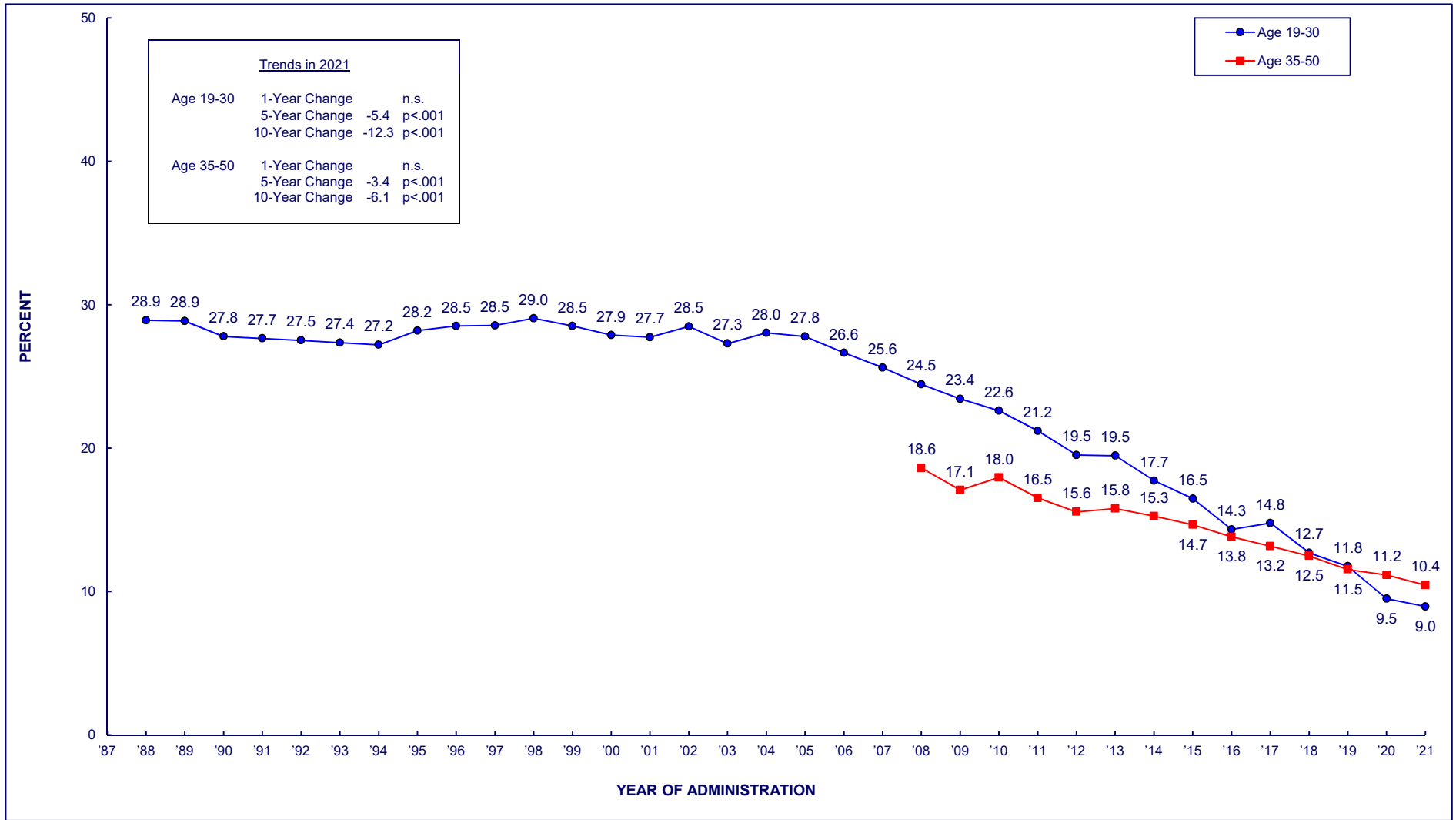
(Age-specific data provided in the following table.)

TABLE 11
CIGARETTES
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

Year	Ages 19–20	Ages 21–22	Ages 23–24	Ages 25–26	Ages 27–28	Ages 29–30	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60
1988	42.3	39.9	36.9	34.2	34.7	34.7						
1989	41.9	39.1	38.7	36.5	33.0	35.6						
1990	40.8	39.6	36.9	35.4	31.5	32.6						
1991	41.4	39.6	37.3	34.8	33.8	30.7						
1992	41.2	41.3	37.6	33.0	33.9	29.8						
1993	42.7	41.1	36.8	34.4	31.8	31.1						
1994	44.1	40.5	37.9	34.7	31.9	30.7						
1995	44.6	42.3	37.2	35.5	32.2	31.0						
1996	46.1	43.8	40.1	36.0	33.1	29.6						
1997	48.7	45.0	40.0	38.6	34.7	31.6						
1998	47.4	46.1	41.6	37.7	33.7	30.3						
1999	48.5	45.3	43.0	35.2	32.2	31.5						
2000	45.6	44.7	41.0	37.2	35.4	29.0						
2001	44.9	46.6	42.1	39.2	32.6	29.2						
2002	41.5	42.8	41.1	37.0	33.0	31.6						
2003	39.4	41.1	41.8	35.3	35.1	30.0	26.8	25.2	24.4			
2004	39.7	43.1	41.3	37.4	33.1	29.1	27.0	24.5	23.1			
2005	39.9	39.6	41.1	40.3	34.9	31.4	24.9	24.9	25.3			
2006	35.0	38.0	38.2	38.4	34.8	31.3	24.4	21.8	21.8			
2007	34.6	37.0	37.0	37.2	35.0	30.6	23.8	22.5	20.8			
2008	33.6	35.6	37.1	34.5	34.2	31.3	26.8	23.2	20.0	22.0		
2009	32.7	36.9	35.4	31.9	32.2	32.6	23.5	20.4	21.8	20.3		
2010	29.8	35.4	33.7	34.6	31.4	29.9	23.5	18.4	21.3	22.4		
2011	30.2	34.0	33.5	31.9	27.8	28.1	26.7	17.7	18.1	19.2		
2012	26.9	29.4	31.6	31.4	29.9	26.3	23.7	16.3	19.3	19.0		
2013	28.0	31.2	32.0	29.6	27.9	24.9	22.0	20.6	18.1	18.4	16.9	
2014	26.0	28.6	28.6	25.1	26.5	26.6	25.6	17.6	18.1	17.7	17.7	
2015	24.7	26.3	26.8	27.5	25.7	20.3	25.7	18.5	13.8	20.3	17.9	
2016	18.1	25.9	24.9	24.4	23.0	22.8	21.9	19.1	14.9	16.3	15.5	
2017	17.6	26.5	25.4	26.8	22.7	19.0	20.5	19.6	13.2	15.5	16.2	
2018	18.4	21.9	27.2	22.7	22.4	22.6	20.3	17.6	15.7	13.4	16.5	15.1
2019	16.0	24.3	22.8	23.0	21.6	20.1	18.4	17.6	13.7	15.0	15.2	13.9
2020	19.6	22.5	21.4	23.6	20.3	18.1	20.2	17.6	16.2	11.7	15.6	15.6
2021	16.6	17.5	20.4	18.4	20.1	18.5	15.6	15.5	13.5	13.7	13.7	13.1

Source.

FIGURE 13
CIGARETTES
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



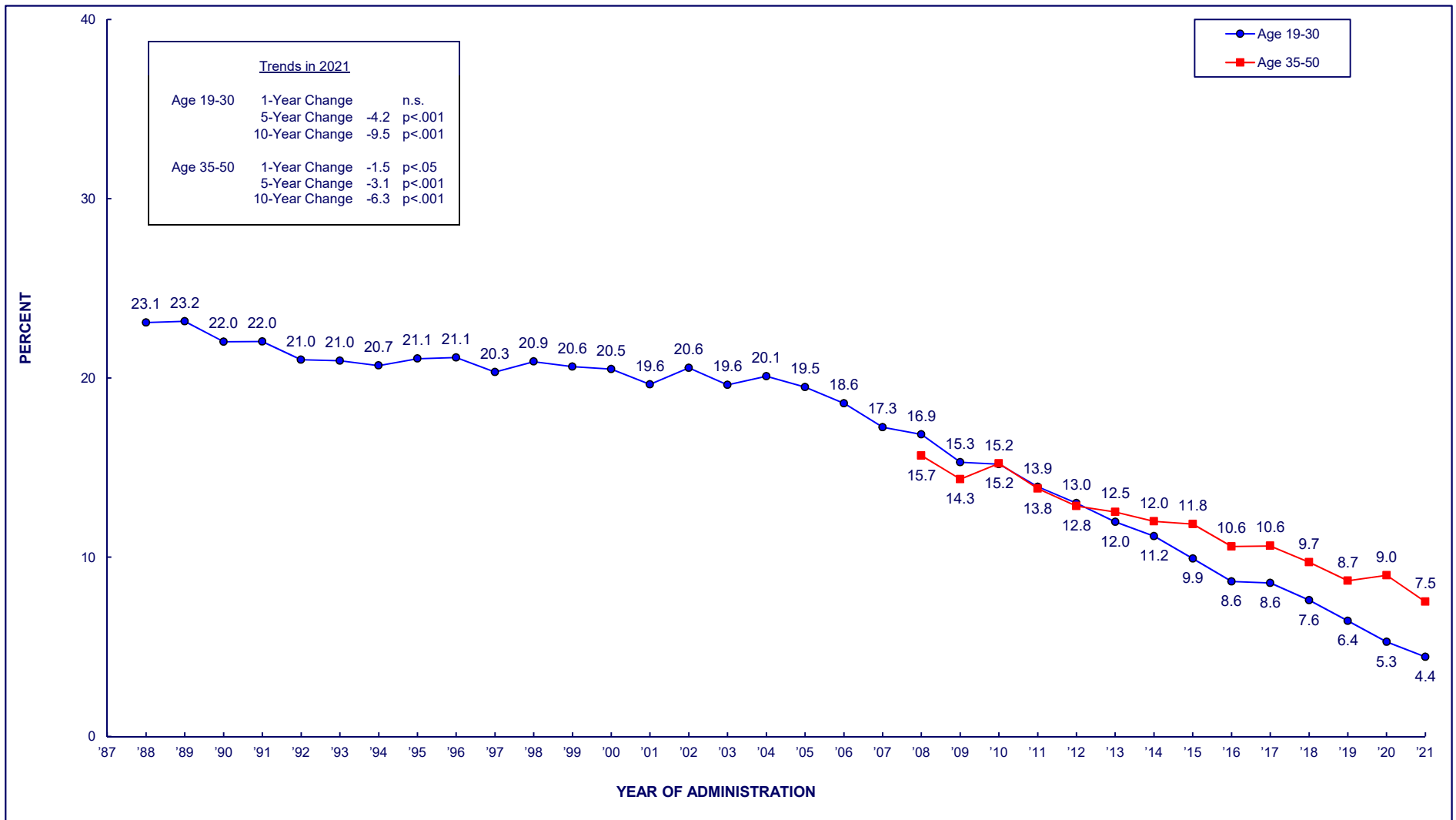
(Age-specific data provided in the following table.)

TABLE 12
CIGARETTES
Trends in 30-Day Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

Year	Age 18	Ages 19–20	Ages 21–22	Ages 23–24	Ages 25–26	Ages 27–28	Ages 29–30	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60
1976	38.8												
1977	38.4												
1978	36.7	39.3											
1979	34.4	39.3											
1980	30.5	36.0	37.9										
1981	29.4	34.9	37.5										
1982	30.0	32.1	36.2	36.7									
1983	30.3	32.5	33.5	36.5									
1984	29.3	31.5	32.2	33.6	33.7								
1985	30.1	30.9	32.4	31.9	35.3								
1986	29.6	30.0	32.0	29.9	31.3	32.5							
1987	29.4	30.1	32.4	31.7	28.2	32.3							
1988	28.7	28.4	29.8	29.9	27.3	29.1	28.9						
1989	28.6	27.7	29.4	29.4	29.5	27.2	30.2						
1990	29.4	27.2	28.6	27.8	28.4	26.5	27.8						
1991	28.3	27.6	28.3	28.5	28.3	28.2	24.4						
1992	27.8	29.5	29.0	28.4	26.3	27.8	23.8						
1993	29.9	29.0	29.2	28.1	27.7	25.4	25.8						
1994	31.2	31.3	28.8	27.0	26.4	25.0	25.5	24.8					
1995	33.5	33.4	31.8	28.0	25.7	26.8	25.2	26.1					
1996	34.0	34.0	32.3	30.1	26.8	26.0	23.4	25.4					
1997	36.5	34.0	32.3	29.1	27.6	24.9	24.6	22.3					
1998	35.1	33.9	33.7	30.9	29.9	25.6	23.1	23.6	24.3				
1999	34.6	36.1	33.4	32.4	25.6	22.9	22.7	22.6	23.5				
2000	31.4	32.2	33.6	29.5	28.2	26.5	21.2	24.0	23.5				
2001	29.5	32.8	34.0	31.1	28.6	24.2	20.4	20.4	22.9				
2002	26.7	29.8	32.6	31.9	27.3	24.7	24.4	21.9	18.9				
2003	24.4	27.0	30.5	31.0	27.0	26.3	22.0	20.1	21.9	20.7			
2004	25.0	27.9	31.3	31.5	29.6	25.9	21.9	20.0	20.0	20.2			
2005	23.2	27.5	29.2	29.3	30.7	26.3	23.5	19.1	21.4	22.1			
2006	21.6	24.6	27.3	28.1	29.1	26.3	24.4	17.7	17.3	18.9			
2007	21.6	22.6	27.8	26.7	27.5	26.6	22.9	17.8	18.3	17.6			
2008	20.4	21.8	24.5	26.5	24.5	25.7	24.0	20.4	17.8	17.3	18.8		
2009	20.1	21.2	25.2	24.1	22.6	23.9	24.0	17.3	16.2	17.8	17.0		
2010	19.2	19.6	22.8	23.0	24.3	22.5	23.9	18.3	15.2	18.3	19.9		
2011	18.7	18.5	23.3	22.0	23.4	19.6	20.5	19.7	15.1	15.3	16.0		
2012	17.1	16.8	18.9	20.4	20.7	22.0	18.6	18.0	12.8	15.9	15.4		
2013	16.3	18.4	20.8	21.4	19.5	20.0	16.5	17.8	16.6	13.4	15.3	14.0	
2014	13.6	15.8	18.9	18.3	16.3	18.1	19.0	18.0	13.5	15.4	14.5	14.6	
2015	11.4	14.8	17.0	18.1	18.0	15.2	15.5	18.4	13.8	10.3	16.7	15.3	
2016	10.5	9.2	15.5	14.9	15.4	15.6	14.8	16.1	13.5	12.1	13.7	13.2	
2017	9.7	9.6	17.3	16.9	17.6	14.8	12.0	15.1	14.3	10.3	12.9	12.9	
2018	7.6	10.5	10.9	14.7	13.0	12.4	14.6	13.0	12.9	12.9	11.1	13.8	13.4
2019	5.7	8.4	13.0	10.2	12.5	14.1	12.2	11.4	13.5	10.8	10.6	12.4	11.5
2020	7.5	8.1	7.4	10.0	10.5	10.2	10.7	11.8	13.0	11.4	9.0	11.7	12.6
2021	4.1	6.1	7.0	8.8	8.4	12.6	10.8	11.6	10.2	8.9	11.1	10.3	9.7

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 14
CIGARETTES
Trends in 30-Day Prevalence of Daily Use
among Respondents of Modal Ages 19 through 50, by Age Group



(Age-specific data provided in the following table.)

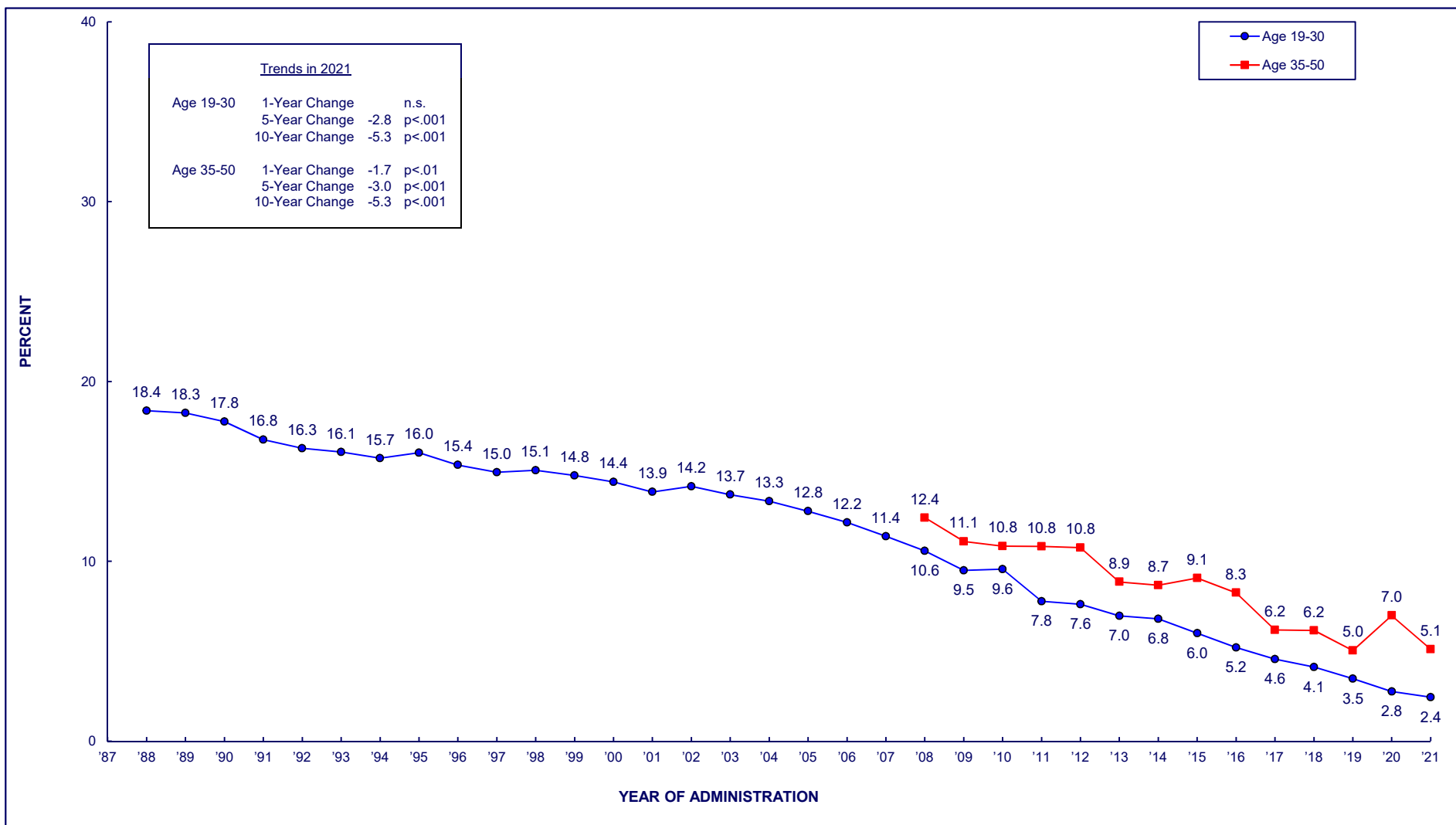
TABLE 13
CIGARETTES
Trends in 30-Day Prevalence of Daily Use
among Respondents of Modal Ages 18 through 60, by Age Group

Year	Age 18	Ages 19–20	Ages 21–22	Ages 23–24	Ages 25–26	Ages 27–28	Ages 29–30	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60
1976	28.8												
1977	28.8												
1978	27.5	31.0											
1979	25.4	31.2											
1980	21.3	29.3	31.1										
1981	20.3	26.0	31.4										
1982	21.1	23.9	28.6	30.1									
1983	21.2	24.4	26.0	30.6									
1984	18.7	24.1	25.3	27.8	28.7								
1985	19.5	23.2	25.3	25.1	30.4								
1986	18.7	21.9	24.4	25.2	27.3	27.6							
1987	18.7	22.5	24.2	26.0	23.7	27.9							
1988	18.1	19.5	22.3	24.0	22.9	25.0	25.4						
1989	18.9	18.9	22.5	23.3	25.0	22.9	26.4						
1990	19.1	19.2	20.2	22.2	23.3	22.2	24.2						
1991	18.5	19.4	20.6	22.5	22.8	23.9	21.0						
1992	17.2	20.5	21.2	20.9	20.3	21.8	20.3						
1993	19.0	21.1	20.5	20.1	21.9	20.1	21.7						
1994	19.4	21.9	21.1	19.9	19.8	20.5	20.9	22.5					
1995	21.6	22.2	24.0	20.0	19.2	20.9	20.1	23.0					
1996	22.2	22.5	22.8	22.8	21.1	19.4	18.6	22.1					
1997	24.6	22.7	21.4	21.5	19.2	17.6	19.7	18.3					
1998	22.4	23.8	22.8	21.2	21.9	19.5	17.2	20.4	21.7				
1999	23.1	25.6	24.2	21.4	19.6	16.0	17.2	19.7	20.9				
2000	20.6	22.7	25.1	21.2	20.1	19.7	15.8	20.1	20.8				
2001	19.0	21.9	23.6	22.4	20.9	17.2	14.4	16.4	20.1				
2002	16.9	20.6	23.9	23.5	19.8	18.1	17.4	18.2	16.7				
2003	15.8	18.8	20.8	21.5	20.4	19.8	16.4	16.3	19.0	19.0			
2004	15.6	18.2	21.5	23.3	22.7	18.2	16.7	14.8	16.6	17.8			
2005	13.6	17.6	19.2	20.4	22.5	18.6	18.9	14.5	18.5	20.1			
2006	12.2	14.4	17.7	19.5	22.0	20.2	18.3	13.5	14.6	16.7			
2007	12.3	12.9	18.3	17.5	19.2	19.3	16.8	13.9	15.8	15.4			
2008	11.4	14.3	16.1	17.9	17.4	18.3	17.4	16.5	14.7	14.6	16.8		
2009	11.2	12.8	14.9	16.2	15.3	16.5	16.7	13.7	12.7	15.6	15.4		
2010	10.7	11.1	15.5	15.3	16.2	16.2	17.3	14.3	12.3	16.4	18.0		
2011	10.3	10.2	15.0	13.7	17.0	13.4	14.8	15.7	11.8	13.6	14.2		
2012	9.3	9.5	11.5	13.1	14.1	16.0	14.3	13.4	10.5	13.8	13.5		
2013	8.5	10.8	12.0	13.1	10.9	13.8	11.3	12.4	13.5	11.0	13.2	13.2	
2014	6.7	8.1	10.8	11.1	11.6	12.1	13.5	13.4	9.7	12.0	13.0	12.9	
2015	5.5	6.8	10.0	11.0	11.4	9.1	11.3	13.5	11.6	8.5	14.2	13.4	
2016	4.8	3.5	8.3	8.6	9.7	10.4	10.9	11.3	9.9	9.9	11.3	11.6	
2017	4.2	4.8	8.7	9.6	9.4	10.9	7.4	11.4	11.4	8.3	11.4	11.2	
2018	3.6	5.9	4.4	8.2	7.6	8.9	10.3	9.5	9.9	10.3	9.2	12.2	12.4
2019	2.4	3.4	5.8	5.4	8.6	7.8	7.4	7.9	8.7	9.0	9.0	11.2	9.5
2020	3.1	3.4	3.7	5.2	6.0	6.6	6.8	9.4	10.7	9.4	7.0	10.5	11.7
2021	2.0	2.5	1.5	3.5	4.4	7.8	6.8	7.1	7.1	7.0	8.7	9.5	9.1

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 15
CIGARETTES

**Trends in 30-Day Prevalence of Smoking a Half Pack or More per Day
among Respondents of Modal Ages 19 through 50, by Age Group**



(Age-specific data provided in the following table.)

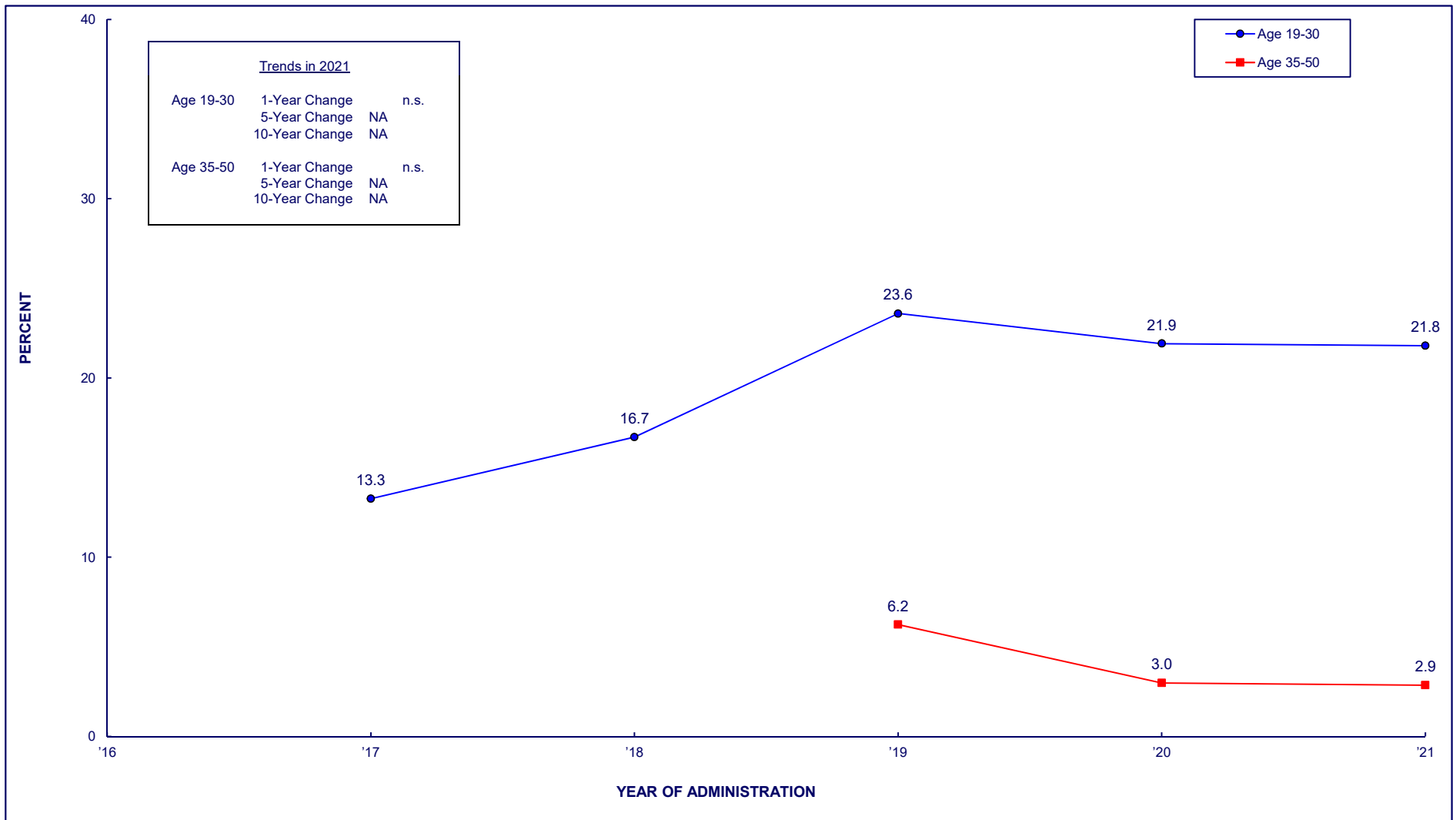
TABLE 14
CIGARETTES

**Trends in 30-Day Prevalence of Smoking a Half Pack or More per Day
among Respondents of Modal Ages 18 through 60, by Age Group**

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	19.2												
1977	19.4												
1978	18.8	23.8											
1979	16.5	24.6											
1980	14.3	21.9	25.2										
1981	13.5	19.3	25.3										
1982	14.2	18.0	23.0	24.6									
1983	13.8	17.2	19.7	25.1									
1984	12.3	17.2	21.2	22.8	24.1								
1985	12.5	16.6	20.4	20.8	24.8								
1986	11.4	16.2	19.3	21.1	22.0	23.2							
1987	11.4	15.6	19.3	21.6	19.9	23.3							
1988	10.6	13.8	17.3	18.4	18.6	20.6	22.3						
1989	11.2	13.0	16.4	18.6	20.6	19.0	22.0						
1990	11.3	14.3	15.0	17.4	19.6	18.2	20.5						
1991	10.7	12.7	14.1	17.4	18.2	19.0	16.7						
1992	10.0	14.5	15.1	15.5	15.8	17.9	17.0						
1993	10.9	14.5	14.5	15.2	17.4	16.3	17.9						
1994	11.2	15.0	15.6	15.0	15.0	15.9	16.8	19.1					
1995	12.4	15.2	18.1	15.3	14.2	16.3	16.5	19.1					
1996	13.0	14.7	15.7	16.1	15.0	14.8	15.2	18.5					
1997	14.3	15.4	14.7	16.4	13.2	12.8	15.9	15.4					
1998	12.6	16.9	16.2	14.5	15.5	14.8	12.2	16.3	18.7				
1999	13.2	16.3	16.4	14.8	15.0	12.4	13.2	17.3	17.2				
2000	11.3	14.6	17.2	14.1	14.8	14.7	12.5	15.7	17.2				
2001	10.3	13.9	15.9	15.8	15.1	12.6	11.4	13.4	15.9				
2002	9.1	12.8	14.4	15.9	14.1	13.9	14.0	13.0	13.6				
2003	8.4	11.7	13.8	15.4	14.0	14.8	12.7	12.4	14.9	16.8			
2004	8.0	11.6	12.7	15.2	15.6	12.8	12.5	10.9	14.2	15.4			
2005	6.9	10.1	12.1	13.9	13.6	13.1	14.1	11.3	16.0	16.4			
2006	5.9	8.8	10.9	12.8	14.0	13.6	13.5	10.7	12.2	14.2			
2007	5.7	7.5	10.7	10.6	14.3	13.0	12.6	10.5	12.1	12.3			
2008	5.4	7.3	9.8	11.5	10.9	12.0	12.3	12.4	11.6	12.2	13.9		
2009	5.0	7.4	9.1	8.6	10.3	11.8	10.5	11.1	8.5	13.0	12.2		
2010	4.7	6.7	9.3	9.6	11.3	10.1	10.7	10.8	9.1	13.3	14.4		
2011	4.3	4.5	7.9	8.2	9.7	7.6	9.2	10.8	8.7	11.0	11.1		
2012	4.0	4.6	7.3	8.2	7.7	10.4	7.8	10.8	7.7	10.6	11.2		
2013	3.4	5.4	6.5	8.1	6.4	8.5	7.1	8.9	10.2	8.7	10.3	11.1	
2014	2.6	4.3	6.4	7.1	7.5	7.5	8.0	8.7	7.0	9.1	10.5	10.8	
2015	2.1	3.6	5.1	7.0	6.6	6.2	7.7	9.1	9.2	6.4	11.4	11.2	
2016	1.8	1.8	4.4	5.4	5.7	6.8	6.9	8.3	7.4	7.7	8.9	9.0	
2017	1.7	2.7	3.8	5.9	4.8	5.8	4.1	6.2	7.8	5.8	8.9	8.9	
2018	1.5	2.3	2.3	4.3	4.2	5.7	5.7	6.2	6.7	7.3	6.4	9.3	9.7
2019	0.9	1.8	1.9	2.7	5.7	3.4	5.1	5.0	5.5	7.0	7.0	9.2	7.5
2020	1.4	1.0	1.2	2.8	3.1	4.6	4.0	7.0	7.8	7.8	5.2	8.9	9.3
2021	0.8	1.3	0.9	2.1	1.6	5.3	3.6	3.8	4.7	5.1	6.7	7.5	6.7

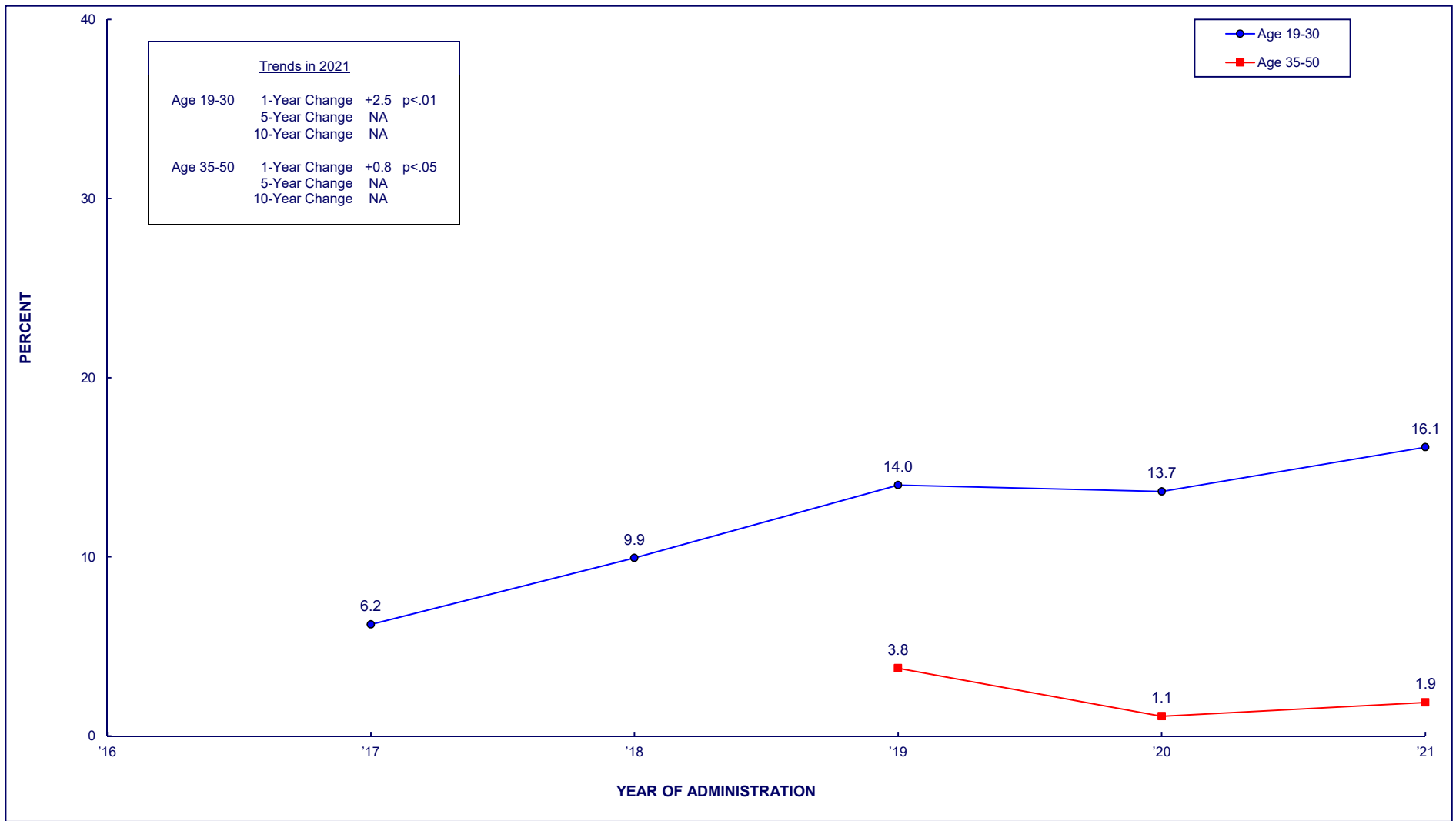
Source. The Monitoring the Future study, the University of Michigan.

FIGURE 16
VAPING NICOTINE
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



(Age-specific data provided in the following table.)

FIGURE 17
VAPING NICOTINE
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



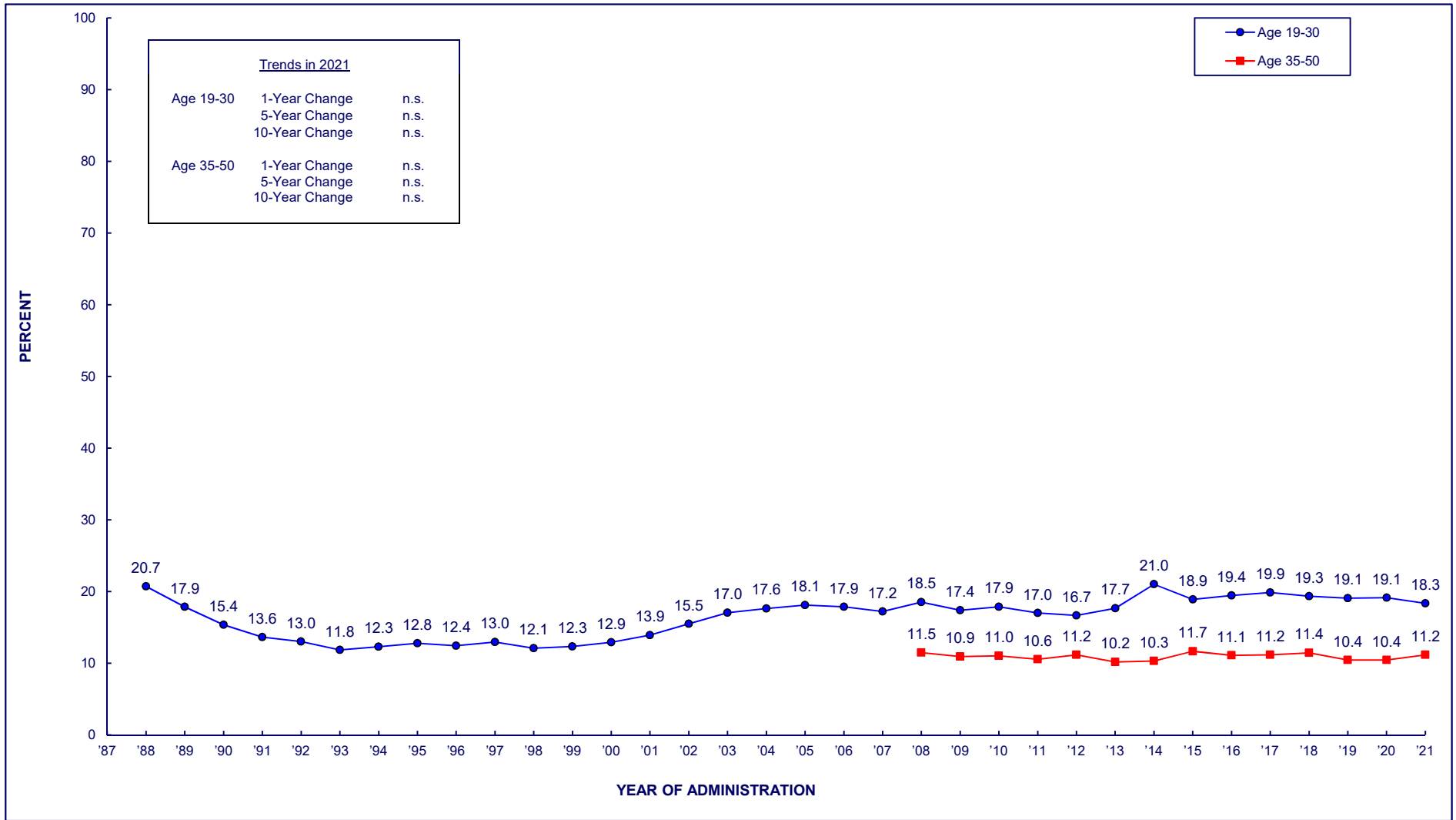
(Age-specific data provided in the following table.)

TABLE 15
VAPING NICOTINE
Trends in 30-Day Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
2017	11.0	7.4	6.0	8.3	3.6	7.2	4.8						
2018	20.9	15.8	13.1	10.5	8.2	6.1	7.2						
2019	25.5	22.4	18.9	14.6	10.7	9.3	9.4	5.3	4.1	2.7	3.1	3.1	1.7
2020	24.7	20.6	20.3	13.1	12.2	9.7	6.0	1.8	0.8	0.9	0.9	0.6	0.6
2021	19.6	22.0	22.8	18.9	13.9	10.3	9.2	4.0	1.5	1.4	1.0	0.8	0.3

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 18
ANY DRUG OTHER THAN MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



<u>Trends in 2021</u>		
Age 19-30	1-Year Change	n.s.
	5-Year Change	n.s.
	10-Year Change	n.s.
Age 35-50	1-Year Change	n.s.
	5-Year Change	n.s.
	10-Year Change	n.s.

(Age-specific data provided in the following table.)

TABLE 16
ANY DRUG OTHER THAN MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 50 ¹, by Age Group

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>
1976	25.4										
1977	26.0										
1978	27.1	28.6									
1979	28.2	30.2									
1980	30.4	33.3	35.5								
1981	34.0	34.2	37.0								
1982	30.1	32.4	34.2	35.4							
1983	28.4	29.8	33.7	33.2							
1984	28.0	27.5	31.6	29.4	30.2						
1985	27.4	26.9	29.5	33.4	30.3						
1986	25.9	24.7	29.1	29.3	25.5	26.5					
1987	24.1	22.2	25.6	22.6	25.7	23.3					
1988	21.1	21.3	22.8	21.1	21.0	20.4	20.0				
1989	20.0	17.6	19.4	18.8	17.6	18.2	17.4				
1990	17.9	16.5	17.4	17.5	16.6	15.2	12.4				
1991	16.2	13.8	14.9	14.6	14.4	13.6	13.2				
1992	14.9	13.4	15.4	14.8	13.4	13.2	11.6				
1993	17.1	13.5	13.5	12.9	13.0	11.5	9.9				
1994	18.0	14.6	14.1	12.9	12.0	11.1	10.8	11.2			
1995	19.4	18.6	15.2	11.5	11.6	10.9	11.0	10.4			
1996	19.8	17.4	13.7	13.1	10.0	10.7	10.3	11.4			
1997	20.7	17.6	17.7	12.1	10.7	8.4	11.0	10.0			
1998	20.2	17.3	15.3	12.9	10.8	8.9	7.8	8.2	9.3		
1999	20.7	18.7	14.1	14.8	11.6	8.6	8.1	9.3	7.9		
2000	20.4	19.6	17.0	15.0	12.5	9.9	7.4	9.3	7.7		
2001	21.6	18.0	20.0	14.1	13.3	11.4	9.9	8.8	7.3		
2002	20.9	19.6	18.9	17.2	14.6	11.4	10.9	9.6	9.7		
2003	19.8	19.9	20.7	20.1	14.5	15.1	11.6	9.5	6.7	8.9	
2004	20.5	20.2	21.2	21.2	16.3	14.6	11.8	11.0	8.3	9.3	
2005	19.7	20.2	20.5	18.0	19.7	14.2	15.8	10.5	9.4	8.4	
2006	19.2	18.1	22.0	19.4	16.9	15.1	15.3	10.8	9.8	10.3	
2007	18.5	17.8	19.7	19.1	17.0	16.9	13.0	11.0	11.3	10.7	
2008	18.3	16.8	19.5	21.3	19.1	18.0	16.5	13.7	11.3	10.7	10.0
2009	17.0	14.6	22.9	17.6	17.8	14.1	17.2	13.3	10.4	9.6	10.3
2010	17.3	17.2	20.0	20.1	19.5	15.8	14.5	12.5	9.3	11.5	10.8
2011	17.6	17.4	18.2	19.3	17.3	15.8	13.7	13.6	9.6	9.8	9.4
2012	17.0	17.0	17.9	18.8	15.0	17.2	13.7	12.5	10.8	11.3	10.2
2013	17.8	16.7	23.4	18.3	15.1	16.8	14.4	13.0	9.6	9.5	8.6
2014	15.9	21.1	23.4	20.8	21.7	18.7	20.3	15.0	8.9	9.1	8.7
2015	15.2	15.6	21.6	22.5	19.7	18.2	15.5	16.3	10.6	9.9	10.5
2016	14.3	18.9	23.6	18.8	18.2	19.8	16.7	14.5	12.2	9.0	9.2
2017	13.3	17.1	19.1	22.9	22.3	19.0	17.3	15.0	11.2	9.5	9.3
2018	12.4	14.2	22.1	22.1	17.8	19.1	19.9	13.7	10.6	10.7	10.9
2019	11.5	12.6	20.9	19.3	20.4	20.2	20.7	12.9	11.0	9.7	8.2
2020	11.4	15.3	20.0	21.2	22.2	18.5	17.6	13.3	12.1	9.3	7.7
2021	7.2	14.0	16.9	20.5	20.3	20.0	18.1	14.2	10.3	11.6	8.9

Source. The Monitoring the Future study, the University of Michigan.

¹Questions about the use of hallucinogens were not included in the questionnaires for 55- and 60-year-olds. Therefore, we only present estimates through age 50 here.

FIGURE 19
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group

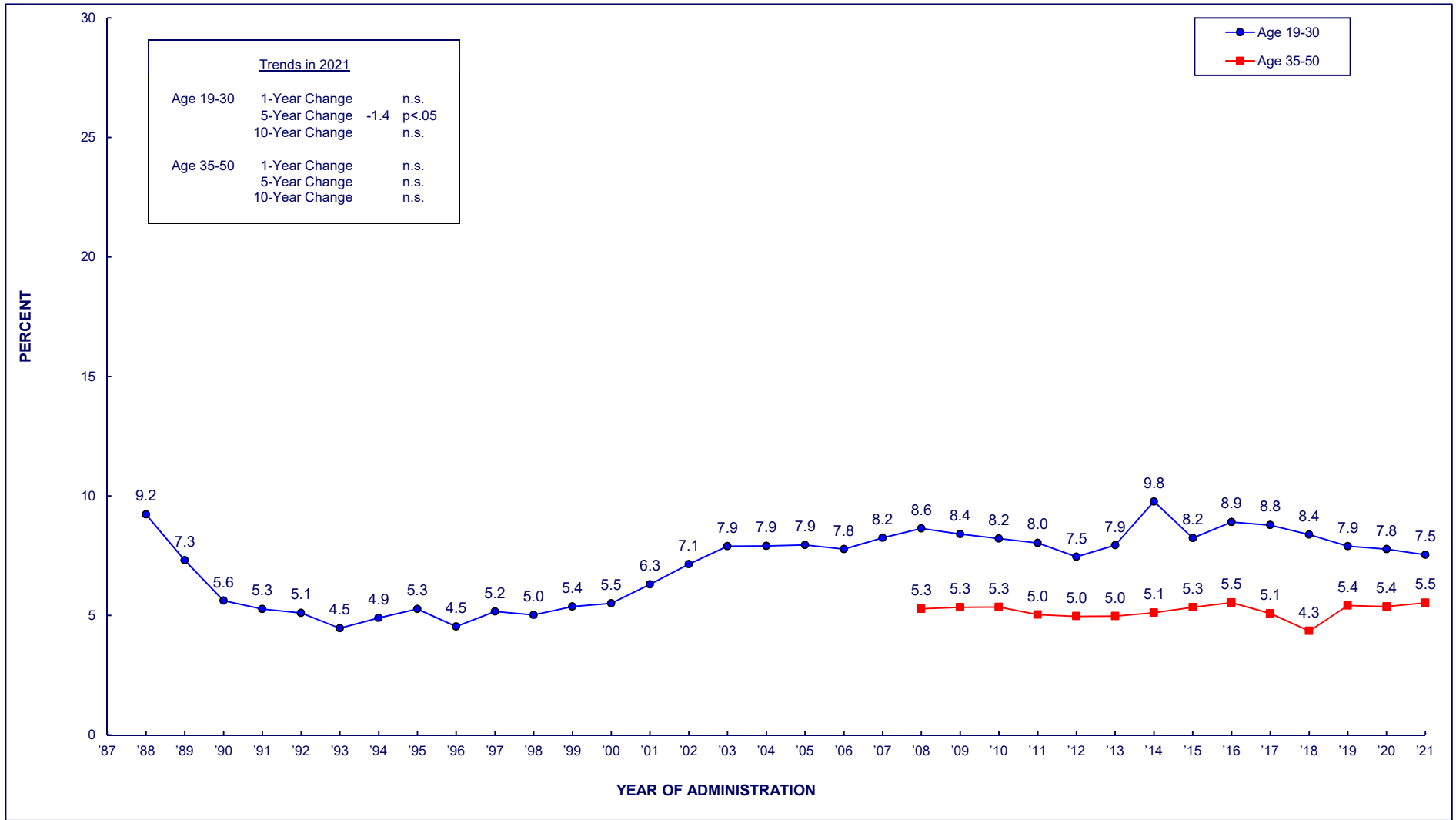
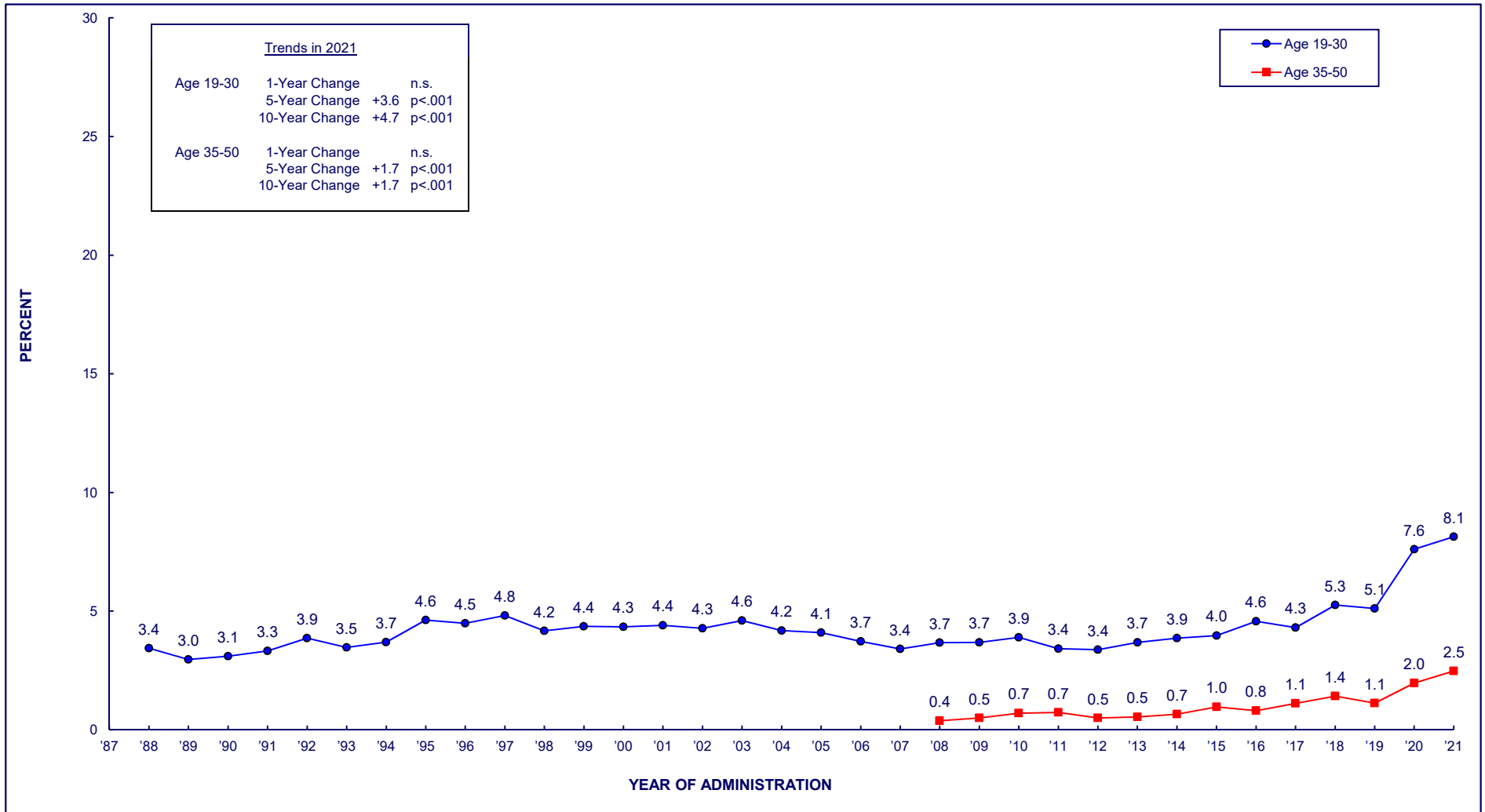


FIGURE 20
HALLUCINOGENS
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



(Age-specific data provided in the following table.)

TABLE 17
HALLUCINOGENS ¹
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 50, ² by Age Group

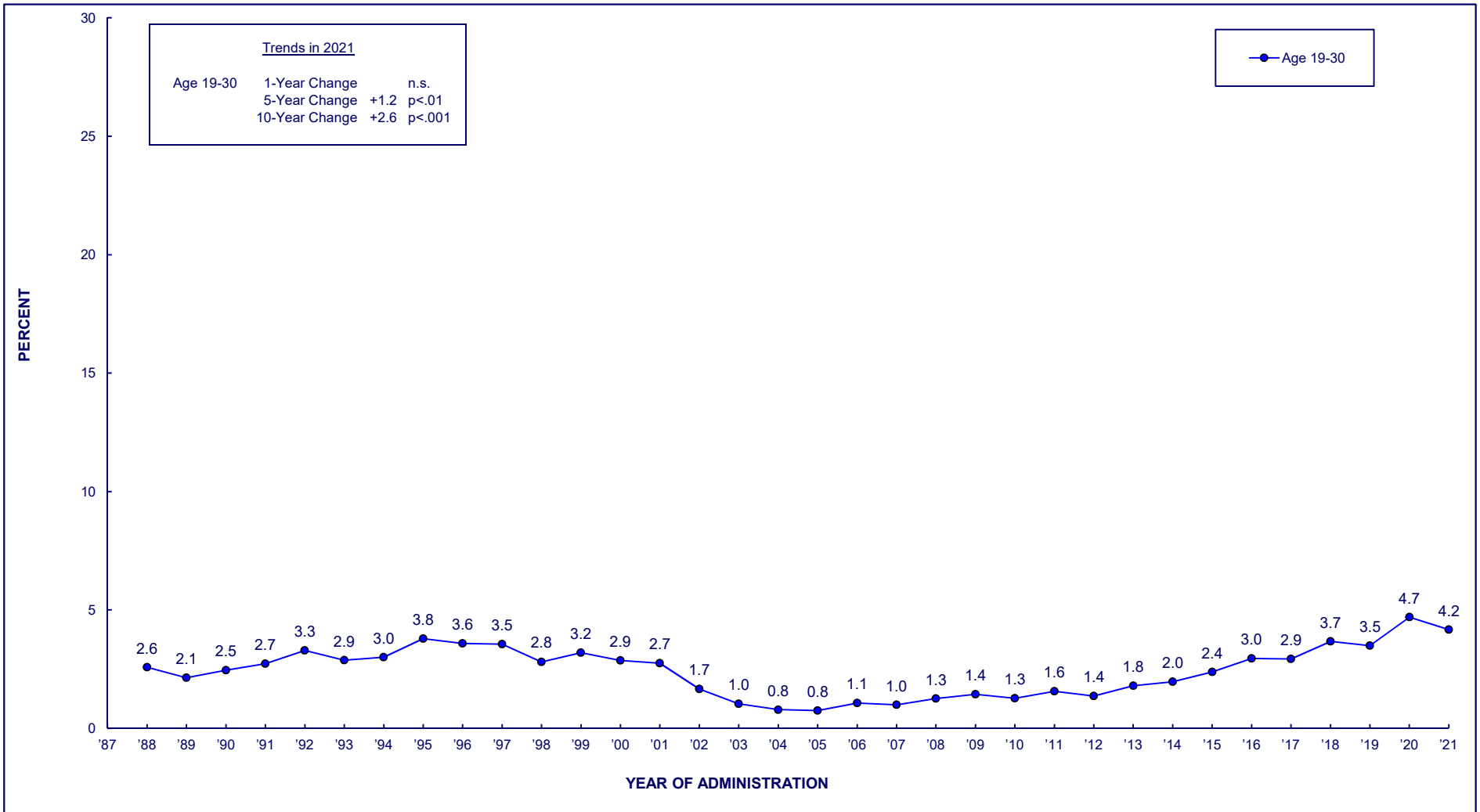
<u>Year</u>	<u>Age 18</u>	<u>Ages 19-20</u>	<u>Ages 21-22</u>	<u>Ages 23-24</u>	<u>Ages 25-26</u>	<u>Ages 27-28</u>	<u>Ages 29-30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>
1976	9.4										
1977	8.8										
1978	9.6	9.5									
1979	9.9	10.9									
1980	9.3	9.7	10.1								
1981	9.0	8.6	10.9								
1982	8.1	9.9	9.3	8.1							
1983	7.3	7.2	7.4	7.4							
1984	6.5	6.0	7.5	5.4	4.7						
1985	6.3	5.1	5.7	4.9	4.7						
1986	6.0	6.3	5.7	4.6	3.0	2.4					
1987	6.4	5.9	5.2	3.7	2.4	2.7					
1988	5.5	5.8	5.8	3.8	2.5	1.3	2.1				
1989	5.6	5.8	4.3	3.8	2.0	1.7	1.4				
1990	5.9	6.3	5.0	4.4	2.3	1.8	1.2				
1991	5.8	6.2	5.7	4.4	3.2	2.4	1.5				
1992	5.9	6.7	7.2	4.2	3.7	2.2	1.9				
1993	7.4	6.9	5.0	4.7	3.0	2.1	1.3				
1994	7.6	6.7	6.8	4.3	3.0	2.4	1.5	0.8			
1995	9.3	9.6	6.6	4.9	3.7	2.3	1.9	0.7			
1996	10.1	10.1	6.2	5.4	3.2	2.2	1.4	0.5			
1997	9.8	9.6	8.0	5.0	3.7	1.8	1.6	1.0			
1998	9.0	8.1	6.7	5.2	3.2	2.0	1.4	0.6	0.8		
1999	9.4	9.4	6.8	5.9	2.7	1.7	1.4	0.8	0.5		
2000	8.1	8.0	7.4	4.9	3.9	2.6	1.7	0.5	0.9		
2001	9.1	9.0	8.1	4.6	3.1	1.8	1.7	0.8	0.2		
2002	6.6	7.3	5.8	5.2	2.8	2.2	2.0	0.3	0.7		
2003	5.9	7.7	7.1	5.8	2.8	2.5	1.5	0.6	0.5	0.6	
2004	6.2	6.3	6.7	4.4	3.2	2.6	1.4	1.0	0.5	0.3	
2005	5.5	6.4	5.3	4.0	4.3	2.1	2.1	0.3	0.4	0.1	
2006	4.9	5.8	5.3	4.6	2.1	2.4	1.5	0.4	0.1	0.1	
2007	5.4	5.4	4.8	3.5	2.7	2.6	1.3	0.4	0.4	0.2	
2008	5.9	5.2	5.5	3.3	3.2	1.7	2.9	1.1	0.2	0.1	0.2
2009	4.7	4.7	5.8	3.7	2.8	2.4	2.2	0.8	0.5	0.3	0.3
2010	5.5	5.3	5.1	4.7	3.5	2.3	2.1	1.8	0.6	0.3	0.2
2011	5.2	4.6	5.3	3.2	3.0	2.4	1.7	1.4	0.8	0.7	0.1
2012	4.8	5.3	3.9	3.7	2.6	2.1	2.3	1.1	0.2	0.6	0.1
2013	4.5	5.0	4.7	4.1	2.7	2.7	2.6	1.2	0.5	0.3	0.1
2014	4.0	5.6	4.7	4.3	3.2	2.8	2.4	1.4	0.2	0.7	0.4
2015	4.2	4.6	5.6	3.4	4.6	2.9	2.7	2.8	0.8	0.1	0.4
2016	4.3	4.6	5.7	4.8	5.4	2.9	4.2	1.5	1.0	0.2	0.5
2017	4.4	4.6	4.9	5.8	5.0	3.6	2.2	1.7	1.4	0.9	0.5
2018	4.3	5.9	5.9	5.7	4.1	6.3	3.8	2.1	1.1	0.5	0.1
2019	4.6	6.3	6.2	4.7	4.5	3.7	5.3	1.0	0.8	0.3	0.4
2020	5.3	7.4	10.6	8.8	8.2	4.9	5.5	2.9	1.6	1.0	0.5
2021	4.1	7.7	7.8	9.7	8.5	7.6	7.4	4.5	2.7	2.3	0.7

Source. The Monitoring the Future study, the University of Michigan.

¹Unadjusted for the possible underreporting of PCP.

²Questions about the use of hallucinogens were not included in the questionnaires for 55- and 60-year-olds.

FIGURE 21
LSD
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30



(Age-specific data provided in the following table.)

TABLE 18
LSD
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 35, by Age Group

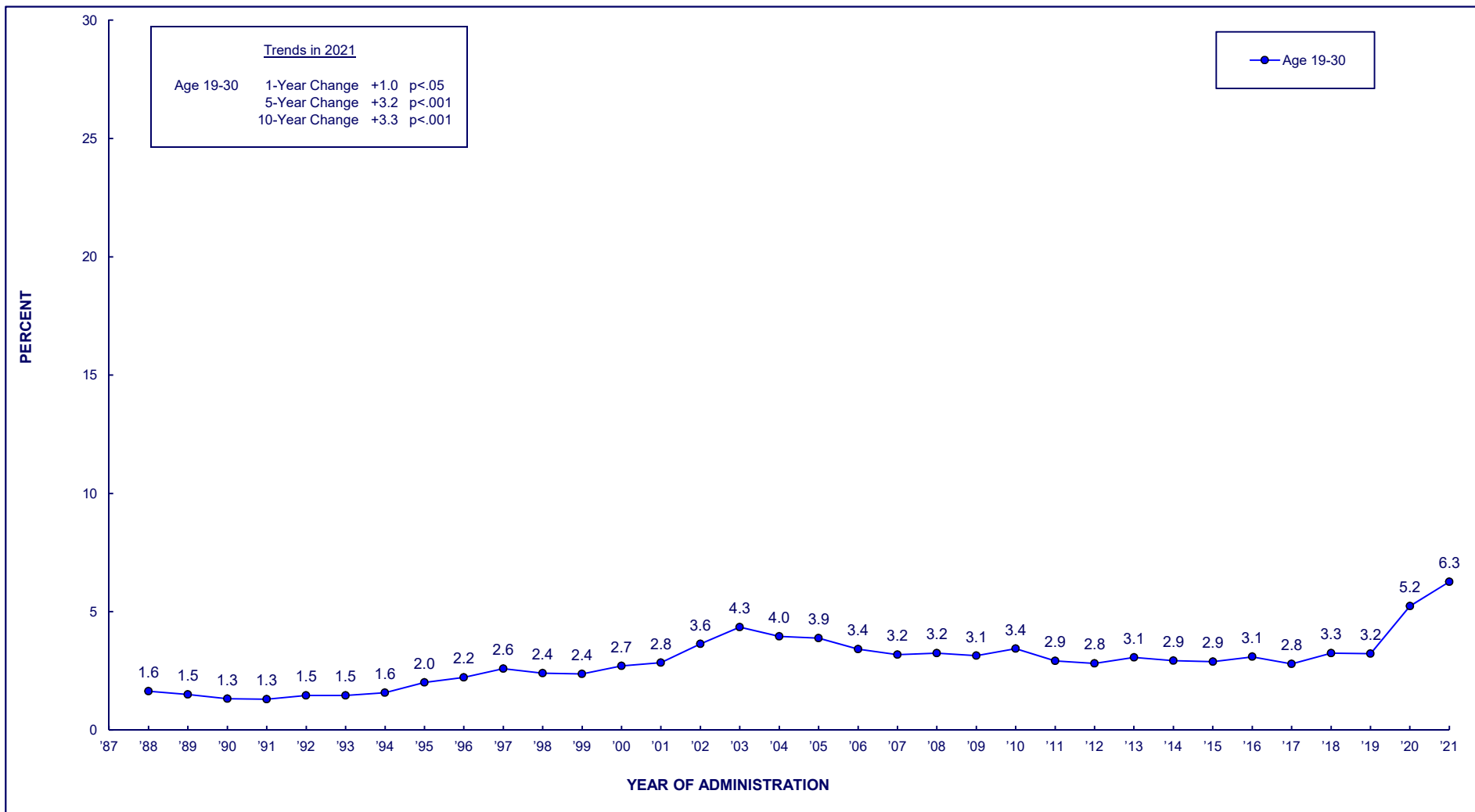
<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u> ¹
1976	6.4							
1977	5.5							
1978	6.3	6.2						
1979	6.6	8.1						
1980	6.5	7.2	7.9					
1981	6.5	6.4	8.0					
1982	6.1	7.7	6.9	6.0				
1983	5.4	5.4	4.9	4.6				
1984	4.7	4.3	5.1	3.1	2.7			
1985	4.4	3.3	3.3	2.9	2.9			
1986	4.5	4.5	4.4	2.7	1.5	1.6		
1987	5.2	4.7	3.7	2.2	1.6	1.8		
1988	4.8	4.9	4.2	2.9	1.6	0.8	1.5	
1989	4.9	4.5	3.2	2.7	1.4	1.1	0.8	
1990	5.4	5.3	4.0	3.5	1.8	1.5	0.8	
1991	5.2	5.4	5.0	3.8	2.5	1.9	1.0	
1992	5.6	6.3	6.0	3.5	3.2	1.6	1.4	
1993	6.8	6.2	4.3	3.5	2.4	1.8	1.0	
1994	6.9	6.2	5.7	3.2	2.4	1.6	1.0	0.6
1995	8.4	8.2	5.5	4.1	2.6	1.7	1.4	0.4
1996	8.8	8.7	4.9	4.6	2.0	1.6	1.0	0.5
1997	8.4	7.8	5.5	4.0	2.6	1.3	0.8	0.5
1998	7.6	5.9	4.4	3.5	2.1	1.0	1.0	0.3
1999	8.1	7.7	4.5	4.3	1.9	1.2	0.8	0.6
2000	6.6	6.3	4.9	2.6	2.5	1.6	1.0	0.3
2001	6.6	6.4	4.7	2.5	1.7	1.3	1.1	0.5
2002	3.5	3.3	1.8	2.2	1.0	0.7	0.9	*
2003	1.9	1.9	1.2	1.4	0.6	0.6	0.4	*
2004	2.2	1.5	1.4	0.7	0.5	0.3	0.2	0.4
2005	1.8	1.5	1.0	0.7	0.7	0.1	0.4	0.1
2006	1.7	2.1	1.4	1.1	0.6	0.7	0.2	0.1
2007	2.1	1.5	1.3	1.4	0.9	0.6	0.3	—
2008	2.7	2.0	2.7	0.9	0.8	0.4	0.5	—
2009	1.9	2.2	2.7	1.4	1.0	0.6	0.2	—
2010	2.6	2.4	1.5	1.7	1.1	0.6	0.2	—
2011	2.7	2.6	2.7	1.5	1.1	0.4	0.9	—
2012	2.4	2.5	1.6	1.6	1.3	0.7	0.3	—
2013	2.2	2.9	2.9	2.0	1.5	0.7	0.7	—
2014	2.5	3.5	2.7	2.2	1.5	1.1	0.7	—
2015	2.9	3.1	4.1	2.1	2.9	0.9	1.1	—
2016	3.0	3.9	3.5	3.3	3.5	1.6	2.2	—
2017	3.3	3.0	3.8	4.2	3.4	2.5	0.8	—
2018	3.2	5.1	4.6	3.2	2.4	4.2	2.4	—
2019	3.6	4.7	4.3	2.9	3.7	2.2	3.2	—
2020	3.9	5.1	7.5	4.8	5.4	2.9	2.2	—
2021	2.5	5.1	4.6	3.9	4.9	3.4	2.9	—

Source. The Monitoring the Future study, the University of Michigan.

Notes. ' * ' indicates a percentage of less than 0.05%. ' — ' indicates data not available.

¹Questions about LSD use were not included in the questionnaires administered to the 40-, 45-, 50-, 55-, and 60-year-olds, or the 35-year-olds after 2006.

FIGURE 22
HALLUCINOGENS OTHER THAN LSD
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30



(Age-specific data provided in the following table.)

TABLE 19
HALLUCINOGENS OTHER THAN LSD ¹
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 35, by Age Group

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35 ²</u>
1976	7.0							
1977	6.9							
1978	7.3	7.1						
1979	6.8	7.3						
1980	6.2	5.4	5.8					
1981	5.6	4.6	6.5					
1982	4.7	6.1	5.2	4.0				
1983	4.1	3.9	4.3	4.2				
1984	3.8	3.2	4.1	3.5	3.0			
1985	3.6	3.2	3.7	2.8	2.7			
1986	3.0	3.6	2.6	2.7	2.0	1.4		
1987	3.2	2.5	2.7	2.4	1.3	1.5		
1988	2.1	2.4	3.2	1.8	1.2	0.7	0.9	
1989	2.2	3.0	2.0	1.9	1.2	0.8	0.9	
1990	2.1	2.6	2.4	1.6	1.0	0.7	0.6	
1991	2.0	2.6	2.2	1.4	1.3	1.0	0.6	
1992	1.7	1.9	3.1	1.9	1.5	0.8	0.8	
1993	2.2	2.8	1.9	2.2	1.4	0.9	0.8	
1994	3.1	2.2	3.1	2.0	1.3	1.2	0.9	0.5
1995	3.8	3.9	3.2	1.9	1.8	1.1	0.7	0.3
1996	4.4	4.4	3.5	2.8	1.6	0.9	0.7	0.1
1997	4.6	5.1	5.2	2.3	1.6	1.0	1.1	0.6
1998	4.6	4.8	3.7	3.1	1.8	1.4	0.7	0.5
1999	4.3	4.2	4.2	3.6	1.5	0.9	0.8	0.4
2000	4.4	4.6	4.7	3.7	2.1	1.6	1.1	0.3
2001	5.9	5.5	5.9	3.0	1.9	0.9	1.0	0.4
2002	5.4	6.5	5.2	4.1	2.5	1.7	1.6	0.3
2003	5.4	7.3	6.9	5.5	2.5	2.2	1.3	0.6
2004	5.6	6.0	6.3	4.0	3.1	2.4	1.4	0.8
2005	5.0	6.2	5.0	3.7	4.0	2.1	1.9	0.2
2006	4.6	5.3	4.9	4.2	2.0	2.1	1.4	0.4
2007	4.8	5.2	4.7	3.0	2.4	2.5	1.2	—
2008	5.0	4.7	4.5	3.0	2.8	1.6	2.6	—
2009	4.2	4.1	4.5	3.1	2.4	2.2	2.2	—
2010	4.8	4.9	4.6	3.9	3.0	2.1	2.0	—
2011	4.3	3.9	4.3	2.6	2.8	2.3	1.3	—
2012	4.0	4.4	3.3	3.0	1.9	1.9	2.1	—
2013	3.7	4.1	3.7	3.4	2.2	2.4	2.3	—
2014	3.0	4.2	3.5	3.0	2.5	2.3	2.0	—
2015	2.9	3.5	3.4	2.4	3.2	2.5	2.3	—
2016	2.7	2.9	4.2	3.4	2.8	1.8	3.5	—
2017	2.9	3.2	2.5	3.7	3.5	2.2	1.9	—
2018	2.7	2.9	3.5	4.0	2.8	3.5	2.9	—
2019	2.7	3.8	3.8	2.8	3.0	2.4	3.5	—
2020	2.8	5.1	7.3	6.4	5.2	3.3	4.0	—
2021	2.9	5.2	5.4	7.4	6.8	6.7	5.9	—

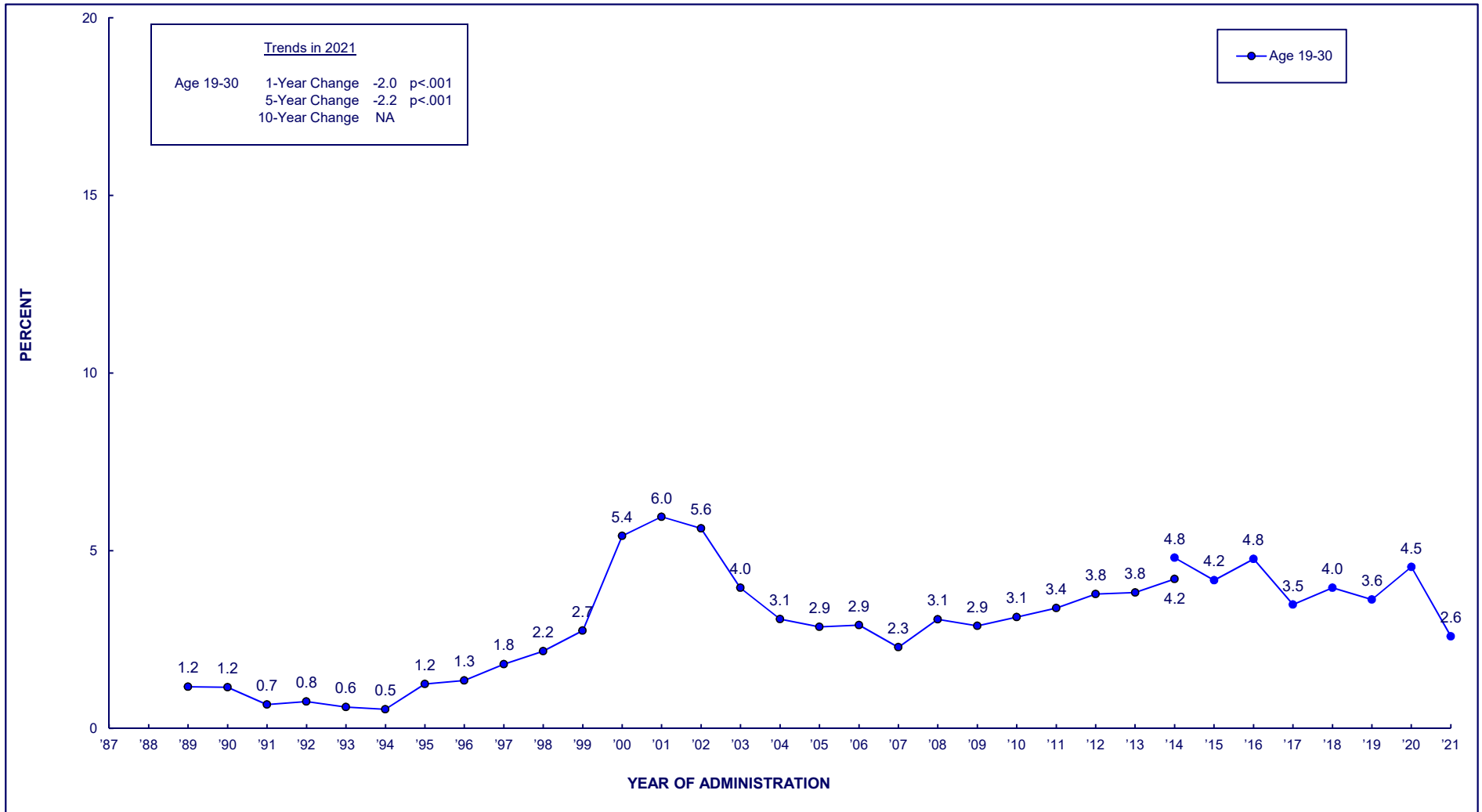
Source. The Monitoring the Future study, the University of Michigan.

Notes. '—' indicates data not available.

¹Unadjusted for the possible underreporting of PCP.

²Questions about the use of hallucinogens other than LSD were not included in the questionnaires administered to the 40-, 45-, 50-, 55-, and 60-year-olds, or the 35-year-olds after 2006.

FIGURE 23
MDMA (ECSTASY, MOLLY)
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30



(Age-specific data provided in the following table.)

TABLE 20
MDMA (Ecstasy, Molly)
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 30,^{1,2}
by Age Group

Year	Age 18		Ages 19–20		Ages 21–22		Ages 23–24		Ages 25–26		Ages 27–28		Ages 29–30	
	Original	Revised	Original	Revised	Original	Revised	Original	Revised	Original	Revised	Original	Revised	Original	Revised
1989			1.9		2.1		1.3		0.3		1.0		0.1	
1990			2.2		2.0		1.5		1.0		0.7		0.3	
1991			0.6		1.1		1.0		0.6		0.6		0.7	
1992			1.8		1.7		0.4		0.8		0.4		*	
1993			1.1		0.5		1.2		0.5		0.7		*	
1994			0.6		1.4		0.9		0.2		0.4		0.3	
1995			2.2		2.1		1.3		1.2		1.4		0.3	
1996	4.6		3.7		1.9		1.1		1.1		0.7		0.5	
1997	4.0		3.1		3.9		1.3		1.6		0.5		1.4	
1998	3.6		4.0		3.7		2.3		1.8		2.3		*	
1999	5.6		4.9		4.6		3.3		3.4		1.8		0.7	
2000	8.2		9.1		9.8		7.0		6.9		2.6		2.4	
2001	9.2		11.0		10.8		6.8		4.3		4.1		2.6	
2002	7.4		6.3		9.3		8.3		4.4		2.6		2.4	
2003	4.5		5.3		5.3		5.2		3.4		3.1		1.2	
2004	4.0		4.2		2.4		3.2		4.0		3.7		0.9	
2005	3.0		4.1		3.3		2.8		2.3		2.5		2.0	
2006	4.1		3.8		3.4		3.6		2.0		2.1		2.2	
2007	4.5		3.1		2.7		2.6		1.9		1.9		1.4	
2008	4.3		4.7		4.7		2.0		2.7		2.1		2.0	
2009	4.3		3.4		3.9		3.4		2.7		1.8		1.9	
2010	4.5		5.0		4.8		4.4		1.6		1.8		1.0	
2011	5.3		4.8		4.7		3.7		2.5		2.3		2.0	
2012	3.8		5.8		5.5		4.2		2.6		2.1		2.2	
2013	4.0		5.0		5.9		4.9		3.3		2.0		1.6	
2014	3.6	5.0	5.2	5.4	5.9	5.4	4.8	2.2	4.4	7.9	3.3	3.8	1.8	4.9
2015	—	3.6	—	5.2	—	4.2	—	4.8	—	4.5	—	3.5	—	2.6
2016	—	2.7	—	5.1	—	6.9	—	4.2	—	4.3	—	4.8	—	3.3
2017	—	2.6	—	1.8	—	4.8	—	5.7	—	3.3	—	2.3	—	2.9
2018	—	2.2	—	3.1	—	4.5	—	4.5	—	3.9	—	3.8	—	4.1
2019	—	2.2	—	2.2	—	5.0	—	3.6	—	4.4	—	3.2	—	3.4
2020	—	1.8	—	3.6	—	5.4	—	5.2	—	5.1	—	3.9	—	4.1
2021	—	1.1	—	0.7	—	3.2	—	2.6	—	3.4	—	3.1	—	2.4

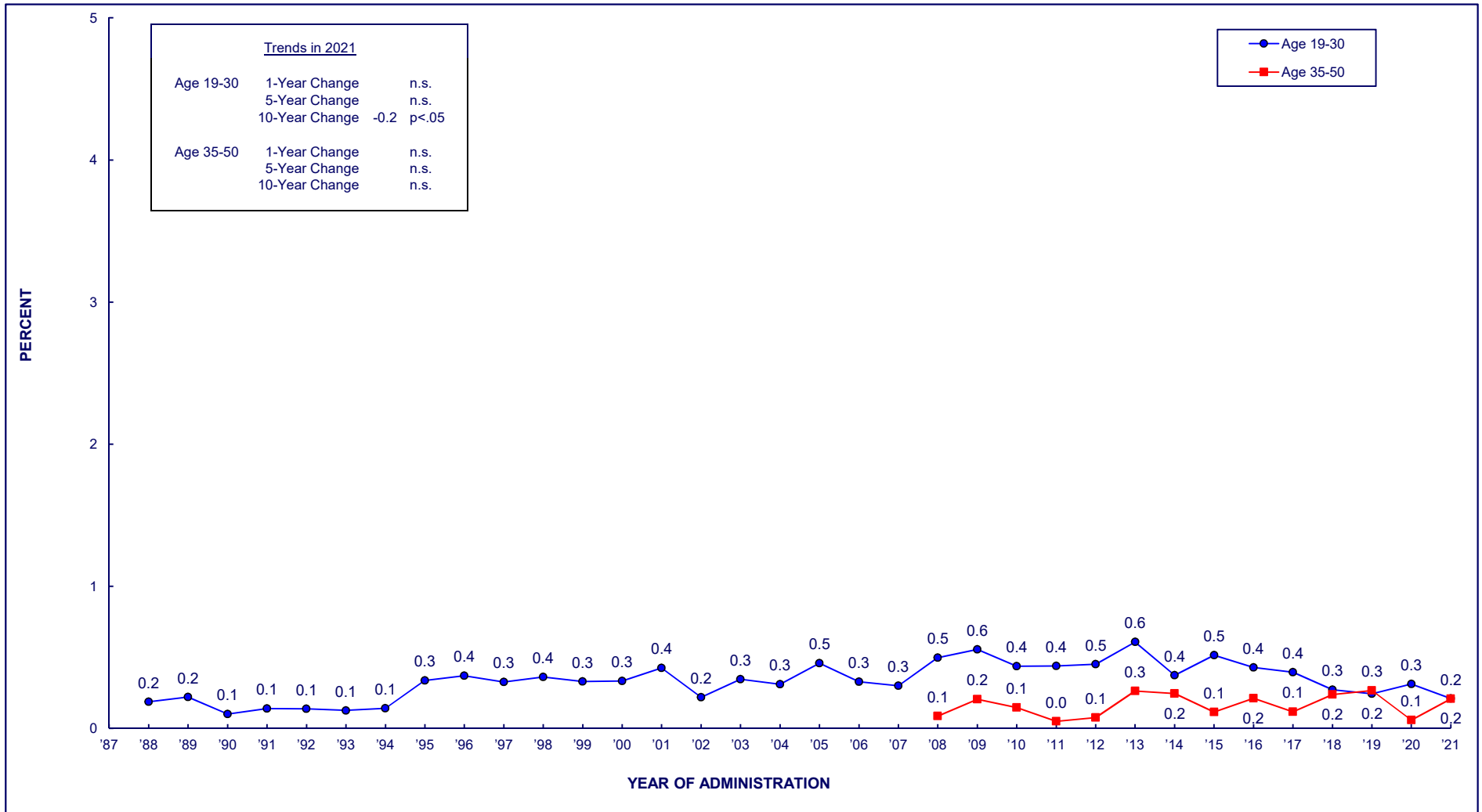
Source. The Monitoring the Future study, the University of Michigan.

Notes. * * * indicates a percentage of less than 0.05%. — indicates data not available.

¹Questions about use of ecstasy (MDMA, Molly) were not included in the questionnaires administered to those ages 35+.

²In 2014, a version of the question was added to an additional form that included "molly" in the description. In 2015 the remaining forms changed to this updated wording. Data for both versions of the question are included here.

FIGURE 24
HEROIN
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



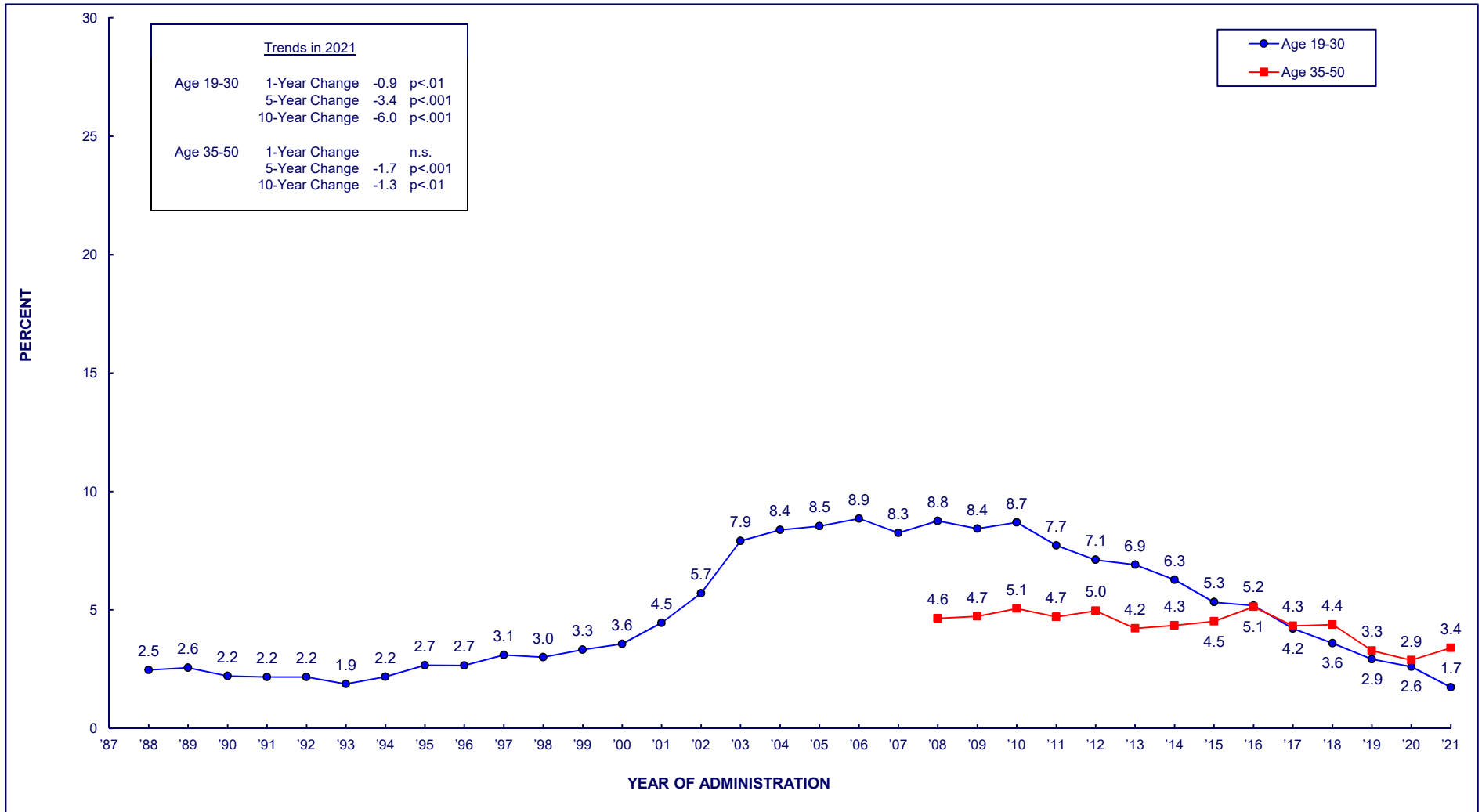
(Age-specific data provided in the following table.)

TABLE 21
HEROIN
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	0.8												
1977	0.8												
1978	0.8	0.4											
1979	0.5	0.3											
1980	0.5	0.2	0.6										
1981	0.5	0.5	0.4										
1982	0.6	0.2	0.4	0.2									
1983	0.6	0.2	0.3	0.6									
1984	0.5	0.2	0.3	0.2	0.2								
1985	0.6	0.1	0.3	0.2	0.3								
1986	0.5	0.1	0.2	0.1	0.2	0.3							
1987	0.5	0.2	0.3	0.1	0.3	0.3							
1988	0.5	0.1	0.2	0.1	0.1	0.3	0.2						
1989	0.6	0.2	0.2	0.1	0.1	0.2	0.3						
1990	0.5	*	0.1	0.1	0.1	*	*						
1991	0.4	0.1	0.2	0.2	0.1	0.1	0.2						
1992	0.6	0.1	0.3	0.2	0.1	0.2	0.1						
1993	0.5	0.1	0.2	0.2	0.1	0.2	*						
1994	0.6	0.1	0.1	0.1	0.2	0.2	0.3	0.3					
1995	1.1	0.5	0.4	0.6	0.1	0.1	0.4	0.2					
1996	1.0	0.7	0.5	0.3	0.3	0.1	0.2	0.2					
1997	1.2	0.4	0.7	0.1	0.3	0.2	0.3	0.1					
1998	1.0	1.1	0.4	0.2	0.3	0.1	0.1	0.1	0.4				
1999	1.1	0.6	0.4	0.5	0.2	0.3	0.1	0.4	*				
2000	1.5	0.7	0.5	0.4	0.3	0.1	0.1	0.1	0.1				
2001	0.9	1.0	0.5	0.5	0.3	0.3	0.2	0.1	0.1				
2002	1.0	0.4	0.1	0.3	0.3	0.1	0.2	0.2	0.3				
2003	0.8	0.4	0.4	0.5	0.1	0.6	0.2	0.3	0.2	0.2			
2004	0.9	0.4	0.5	0.3	0.2	0.1	0.3	0.1	*	0.2			
2005	0.8	0.6	0.7	0.3	0.2	0.4	0.5	*	*	*			
2006	0.8	0.5	0.6	0.3	0.4	*	0.1	0.3	0.2	0.1			
2007	0.9	0.3	0.5	0.3	0.2	0.2	0.2	0.1	0.1	0.1			
2008	0.7	0.6	0.9	0.6	0.3	0.2	0.3	0.1	*	*	0.2		
2009	0.7	0.8	0.7	0.7	0.5	0.3	0.3	0.4	*	0.1	0.3		
2010	0.9	0.4	0.3	0.8	0.6	0.3	0.2	0.3	0.1	*	0.2		
2011	0.8	0.4	0.4	0.6	0.5	0.4	0.3	0.0	0.1	0.1	*		
2012	0.6	0.4	0.6	0.3	0.7	0.3	0.4	0.1	0.1	0.1	0.1		
2013	0.6	0.5	0.8	0.6	0.8	0.6	0.4	0.6	0.2	0.2	0.1	*	
2014	0.6	0.2	0.3	0.4	0.7	0.4	0.2	0.6	*	0.1	0.3	0.2	
2015	0.5	0.2	0.3	0.8	0.7	0.5	0.6	0.1	*	*	0.3	*	
2016	0.3	0.1	0.4	0.5	0.6	0.5	0.5	0.6	*	0.1	0.2	0.1	
2017	0.4	*	0.2	0.5	0.4	0.7	0.5	0.1	0.1	0.3	*	0.1	
2018	0.4	0.1	0.2	0.3	0.3	0.4	0.3	0.4	0.3	0.2	0.1	0.1	*
2019	0.4	*	0.1	0.4	0.1	0.4	0.5	0.3	0.4	0.3	*	0.2	0.1
2020	0.3	0.2	0.1	0.1	0.7	0.5	0.3	0.2	*	*	*	*	*
2021	0.1	0.3	0.2	0.1	0.3	*	0.4	0.5	0.1	0.1	0.2	0.1	0.2

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 25
NARCOTICS OTHER THAN HEROIN
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



(Age-specific data provided in the following table.)

TABLE 22
NARCOTICS OTHER THAN HEROIN ¹

Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	5.7												
1977	6.4												
1978	6.0	4.7											
1979	6.2	4.7											
1980	6.3	5.6	4.9										
1981	5.9	4.9	5.0										
1982	5.3	4.4	3.5	4.4									
1983	5.1	4.2	4.0	3.3									
1984	5.2	3.9	3.3	3.5	2.7								
1985	5.9	3.4	3.8	3.8	3.4								
1986	5.2	4.2	3.8	2.7	2.0	2.7							
1987	5.3	3.7	3.6	2.4	2.5	3.0							
1988	4.6	3.1	3.6	2.3	2.5	1.6	2.2						
1989	4.4	3.0	3.4	2.4	2.4	2.9	2.1						
1990	4.5	3.9	2.7	2.7	2.3	1.5	1.5						
1991	3.5	3.2	2.4	2.4	2.4	1.8	1.8						
1992	3.3	2.2	3.4	2.2	2.6	1.7	1.9						
1993	3.6	2.5	2.9	2.0	2.0	1.4	1.3						
1994	3.8	2.7	2.9	2.6	1.8	2.1	1.7	1.7					
1995	4.7	4.7	3.1	2.5	1.8	2.4	1.9	1.6					
1996	5.4	4.7	2.6	2.9	2.1	2.0	2.1	1.8					
1997	6.2	4.3	5.0	2.7	2.2	2.0	2.6	2.0					
1998	6.3	4.3	4.3	3.5	3.0	1.9	1.5	1.2	1.7				
1999	6.7	5.5	4.2	4.1	3.0	1.8	1.8	2.1	1.4				
2000	7.0	6.2	5.0	4.2	2.9	2.1	2.5	2.1	1.7				
2001	6.7	7.0	6.8	4.3	3.7	3.1	2.9	2.4	1.6				
2002	9.4	8.3	8.9	8.2	6.0	4.3	4.2	4.4	3.4				
2003	9.3	9.9	9.6	9.7	6.4	6.7	5.1	3.4	2.3	2.8			
2004	9.5	10.4	9.2	9.5	7.9	7.5	5.4	4.8	2.9	3.4			
2005	9.0	9.9	10.2	7.6	8.8	6.9	7.8	4.3	3.4	3.1			
2006	9.0	8.6	11.5	9.5	8.5	7.0	7.7	5.6	4.5	3.5			
2007	9.2	8.2	9.4	9.4	8.5	8.1	6.1	3.8	5.8	4.4			
2008	9.1	8.6	8.4	10.5	9.4	8.6	7.1	7.4	4.7	3.2	3.3		
2009	9.2	6.4	11.0	8.0	9.8	6.7	8.9	6.0	4.7	4.1	4.0		
2010	8.7	8.1	9.2	10.0	10.1	7.8	6.9	6.7	4.0	5.0	4.7		
2011	8.7	7.7	7.7	7.8	9.0	7.6	6.7	5.8	4.9	4.0	4.2		
2012	7.9	6.5	7.0	7.9	7.1	8.2	6.0	6.3	4.7	4.6	4.4		
2013	7.1	7.1	6.9	7.2	6.9	6.8	6.5	6.6	4.1	3.0	3.1	2.5	
2014	6.1	5.3	6.5	5.9	7.6	6.2	6.1	6.2	3.6	4.2	3.5	3.0	
2015	5.4	3.6	4.7	6.4	5.9	5.4	6.0	5.6	4.5	3.6	4.6	3.4	
2016	4.8	3.7	5.8	4.7	5.9	5.9	4.9	7.0	5.6	4.5	3.6	3.9	
2017	4.2	3.6	3.3	4.1	4.7	4.6	5.0	5.2	4.8	3.9	3.5	3.6	
2018	3.4	2.2	3.6	3.6	3.1	4.3	4.5	5.5	4.1	3.9	4.2	3.5	2.6
2019	2.7	1.4	2.9	2.9	2.1	3.6	4.4	3.0	3.4	2.8	3.9	1.9	2.0
2020	2.1	2.1	2.1	2.4	2.6	3.1	3.2	4.2	2.6	3.1	1.8	2.4	3.1
2021	1.0	1.0	1.4	0.8	2.3	2.3	2.6	3.3	3.2	4.3	2.8	2.2	2.8

Source. The Monitoring the Future study, the University of Michigan.

¹In 2002 the question text was changed on half of the questionnaire forms for 18- to 30-year-olds. The list of examples of narcotics other than heroin was updated. Talwin, laudanum, and paregoric—all of which had negligible rates of use by 2001—were replaced by Vicodin, OxyContin, and Percocet. The 2001 data presented here are based on all forms. The 2002 data are based on the changed forms only. In 2003 the remaining forms were changed to the new wording. The data are based on all forms in 2003. Beginning in 2002 data were based on the changed question text for 35- and 40-year-olds.

FIGURE 26
OXYCONTIN
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

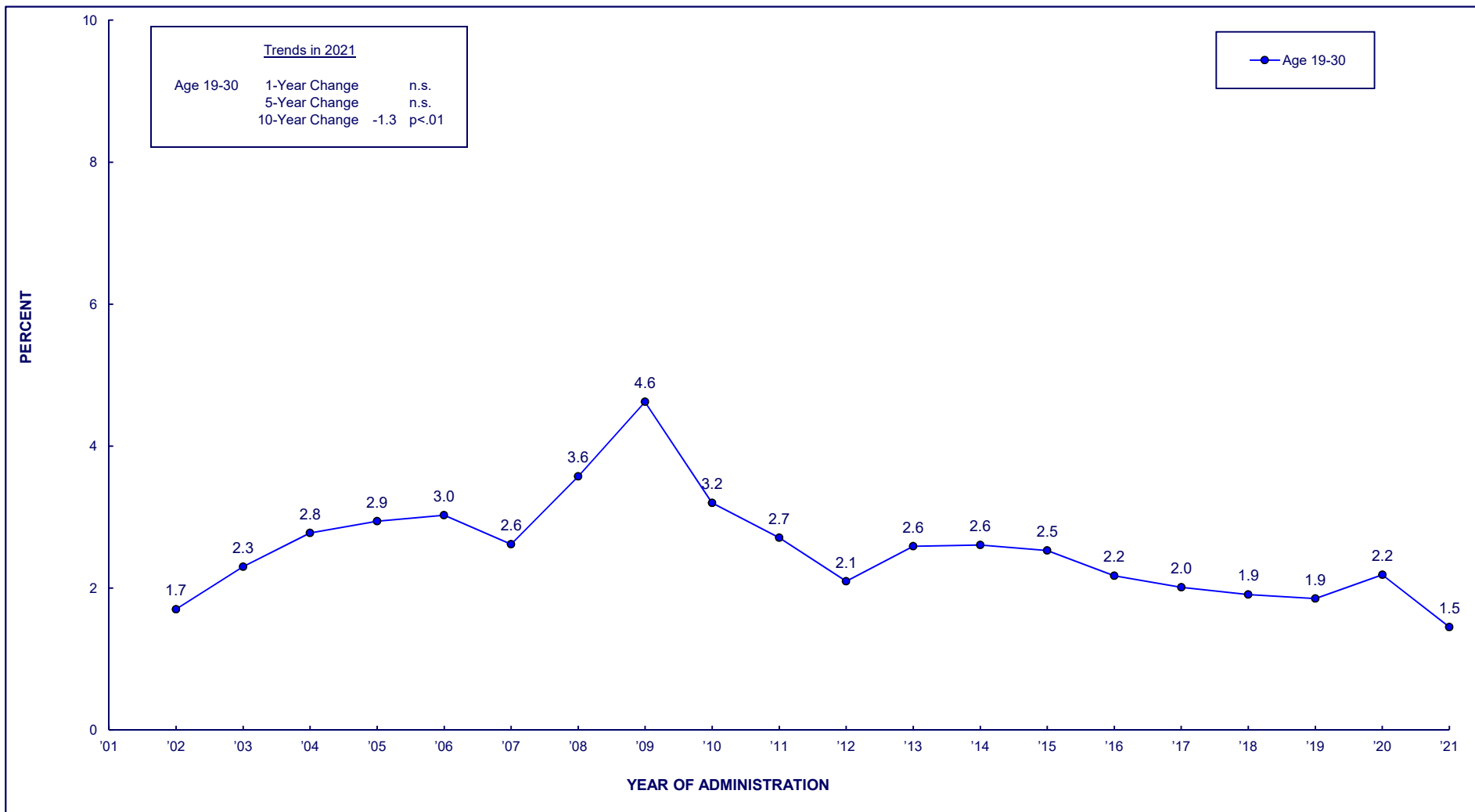


FIGURE 27
VICODIN
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

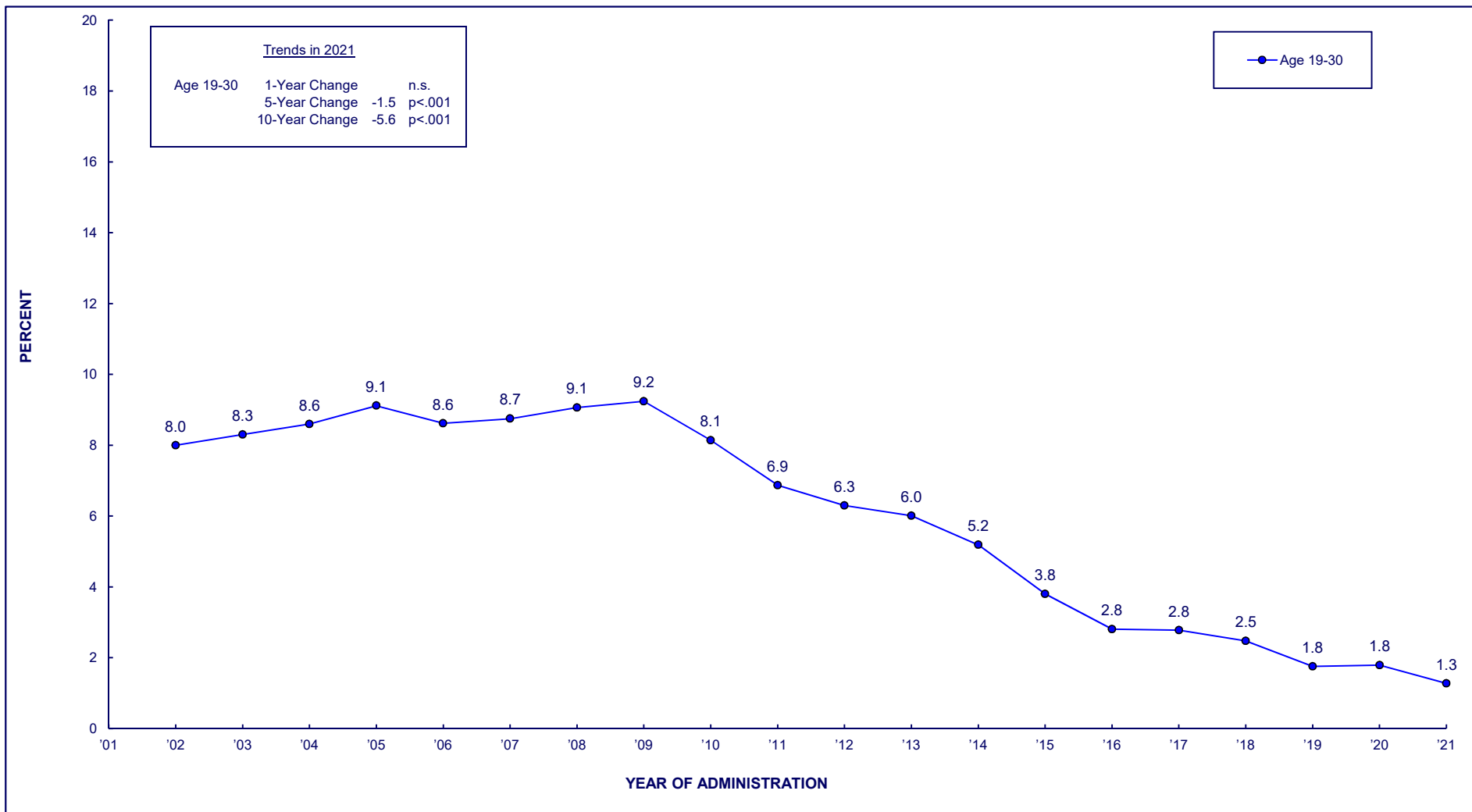
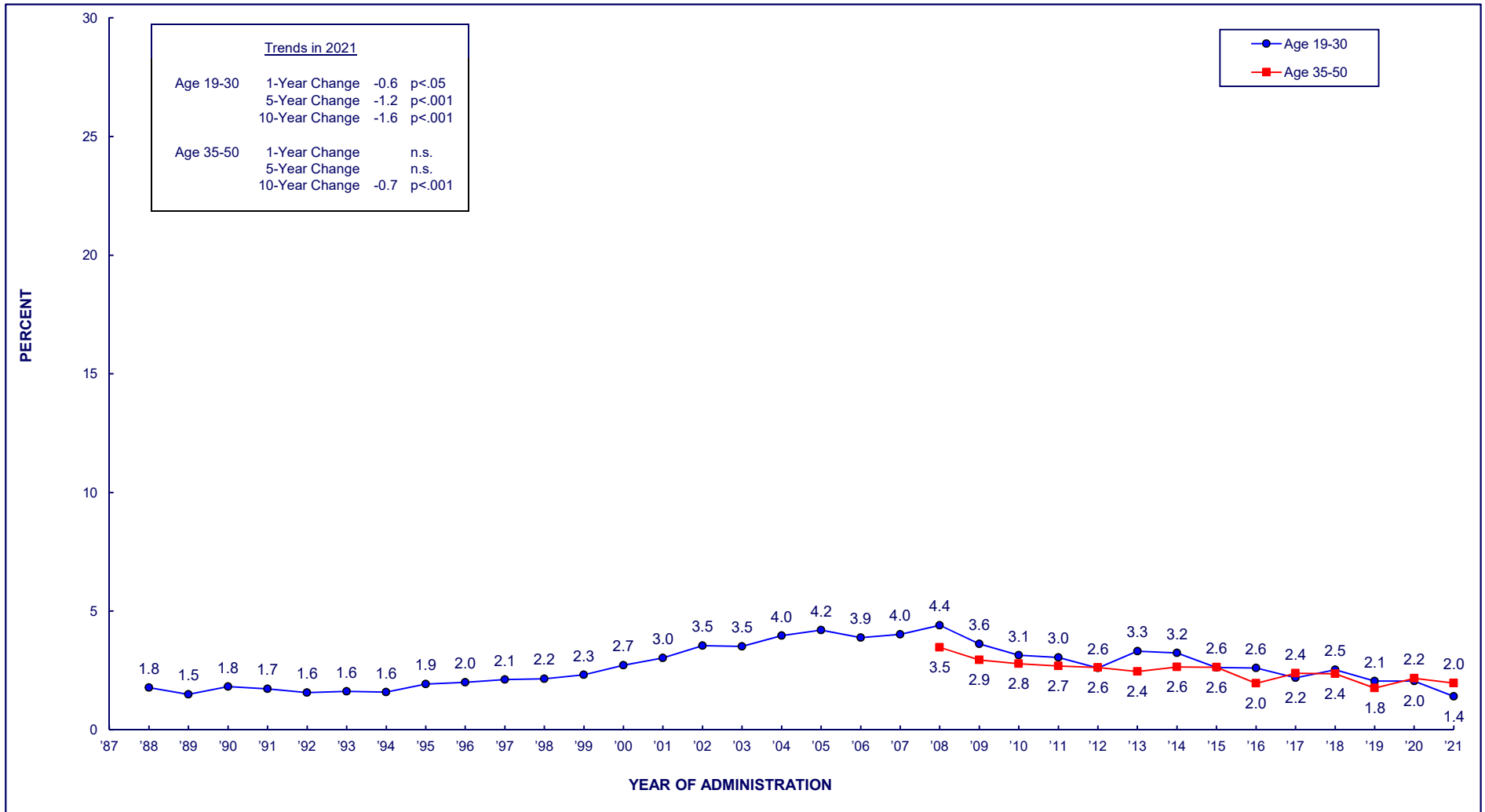


FIGURE 28
SEDATIVES (BARBITURATES)
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



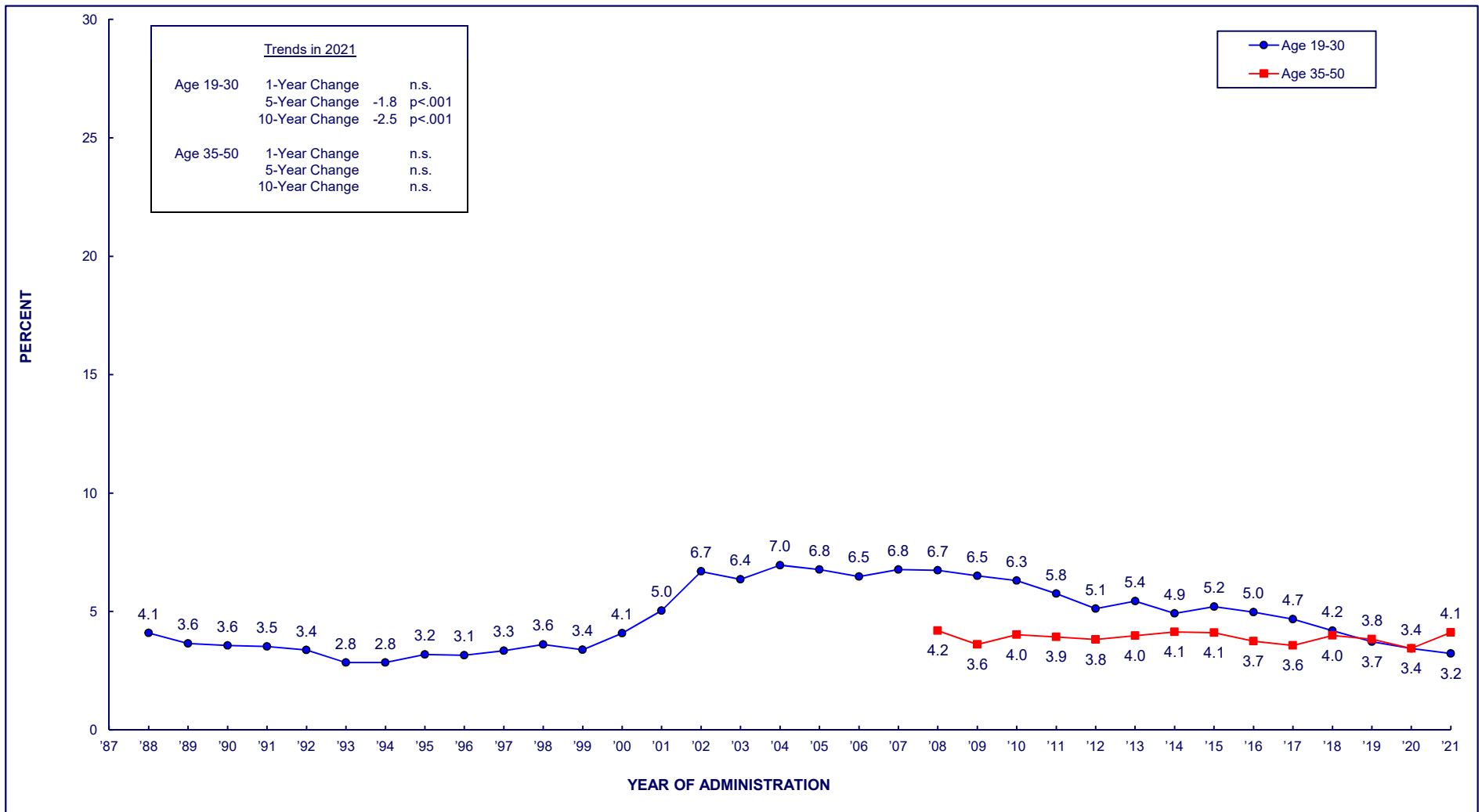
(Age-specific data provided in the following table.)

TABLE 23
SEDATIVES (BARBITURATES)
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

<u>Year</u>	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	9.6												
1977	9.3												
1978	8.1	6.4											
1979	7.5	6.9											
1980	6.8	4.5	5.7										
1981	6.6	4.7	5.8										
1982	5.5	4.4	4.1	4.1									
1983	5.2	3.5	3.1	3.7									
1984	4.9	3.5	2.5	2.6	3.3								
1985	4.6	2.0	2.3	3.0	3.4								
1986	4.2	2.2	2.9	2.3	1.8	2.4							
1987	3.6	1.9	2.7	1.5	2.1	2.3							
1988	3.2	2.2	1.9	2.1	1.7	1.2	2.1						
1989	3.3	1.6	1.8	1.8	1.3	1.7	1.4						
1990	3.4	1.7	1.7	2.3	2.2	1.8	1.6						
1991	3.4	1.8	1.4	2.0	2.5	1.4	1.6						
1992	2.8	1.7	1.8	1.7	1.5	1.4	2.0						
1993	3.4	1.9	1.6	1.7	1.8	2.3	1.1						
1994	4.1	2.3	2.2	1.7	1.1	1.6	1.4	1.9					
1995	4.7	3.4	2.6	1.4	1.2	1.4	1.7	1.7					
1996	4.9	3.3	2.4	2.2	1.0	1.7	1.6	1.6					
1997	5.1	4.0	3.5	1.5	1.5	1.0	1.8	1.3					
1998	5.5	3.8	3.1	2.4	1.7	1.5	1.0	1.1	0.9				
1999	5.8	5.0	2.5	3.2	1.8	1.1	1.2	1.6	1.5				
2000	6.2	4.9	3.9	4.3	2.2	1.4	0.9	0.9	1.6				
2001	5.7	5.2	4.8	3.4	2.7	2.1	1.3	1.8	1.4				
2002	6.7	5.8	3.8	4.4	2.9	2.3	1.7	1.4	1.0				
2003	6.0	5.2	4.8	3.9	2.5	3.1	1.5	1.3	0.7	1.0			
2004	6.5	6.0	4.4	5.0	3.3	2.8	1.9	1.2	1.0	1.0			
2005	7.2	5.1	5.0	3.8	4.0	2.8	4.4	1.4	1.3	1.4			
2006	6.6	4.3	4.8	4.7	3.3	2.3	3.7	1.0	1.2	1.5			
2007	6.2	4.4	4.1	4.6	3.8	4.0	3.2	3.8	2.4	2.5			
2008	5.8	5.4	4.9	5.0	4.0	4.1	2.9	3.5	3.7	3.5	3.2		
2009	5.2	3.5	5.6	2.9	4.1	2.6	2.9	3.1	2.9	2.7	3.0		
2010	4.8	3.0	3.8	3.5	2.6	3.5	2.5	3.0	1.9	3.2	3.0		
2011	4.3	2.9	2.8	3.5	4.1	2.7	2.2	4.1	2.2	2.0	2.5		
2012	4.5	2.6	2.8	3.1	1.9	2.9	2.2	3.1	2.8	2.3	2.3		
2013	4.8	3.1	3.6	3.6	4.2	2.7	2.6	2.6	2.7	2.7	1.8	2.2	
2014	4.3	3.4	3.9	3.1	2.8	2.6	3.5	3.7	2.6	2.3	2.1	1.6	
2015	3.6	2.1	3.5	3.1	2.5	2.3	2.2	2.3	2.2	2.7	3.3	2.7	
2016	3.0	2.5	3.1	2.8	2.0	2.9	2.4	2.2	1.9	2.1	1.6	2.5	
2017	2.9	2.0	2.1	2.2	2.5	2.3	2.1	3.1	2.1	2.2	2.2	1.6	
2018	2.7	2.1	2.2	3.1	2.3	2.8	2.8	2.5	2.3	1.9	2.8	1.9	1.7
2019	2.5	2.2	2.5	2.1	1.3	2.7	1.6	1.7	1.7	1.6	2.0	2.7	2.1
2020	2.4	2.0	1.4	2.4	2.4	1.9	2.2	2.8	2.2	1.9	1.9	2.0	2.1
2021	1.8	1.2	1.6	1.5	1.4	1.3	1.4	1.5	1.6	2.5	2.1	2.1	2.4

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 29
TRANQUILIZERS
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



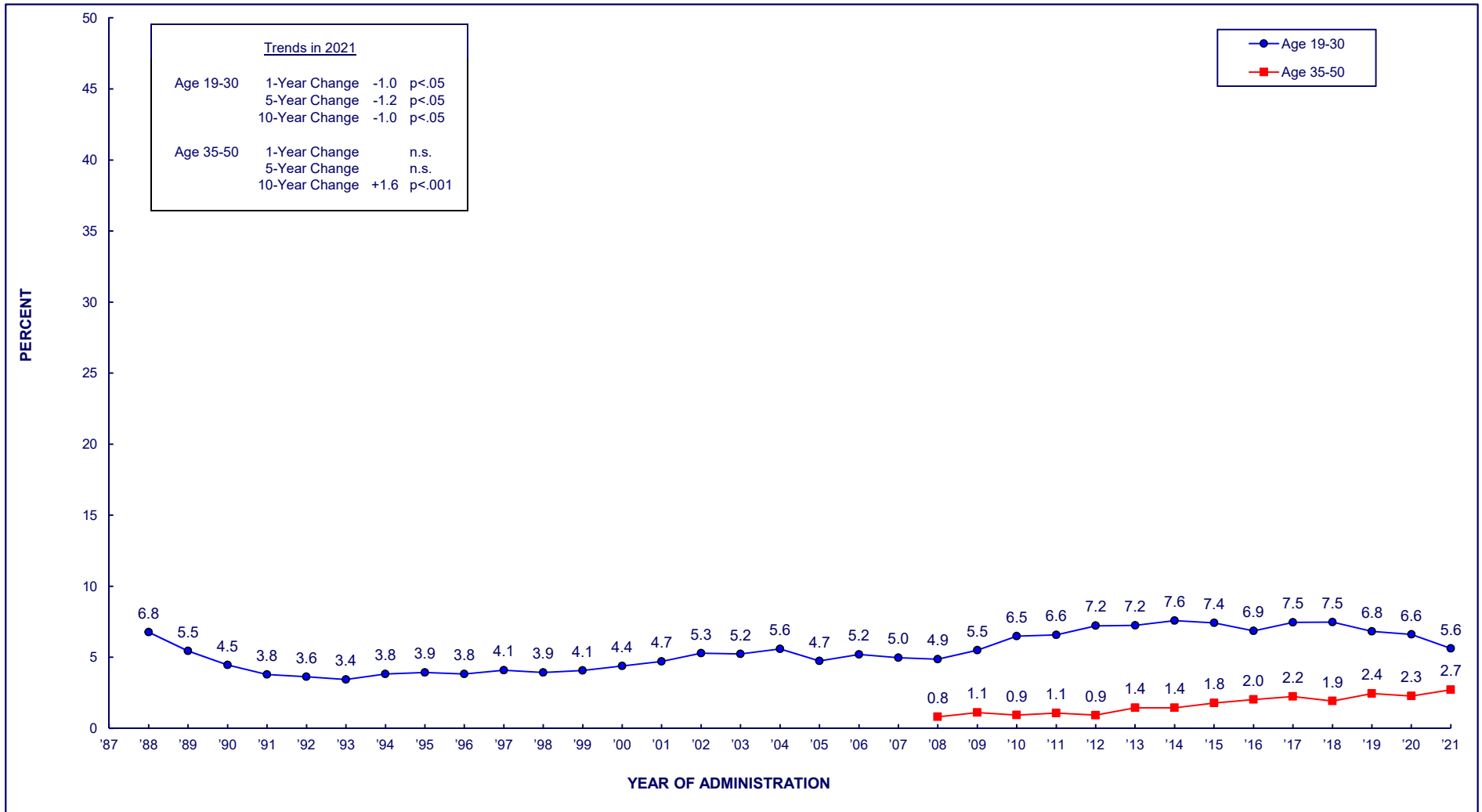
(Age-specific data provided in the following table.)

TABLE 24
TRANQUILIZERS
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

Year	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	10.3												
1977	10.8												
1978	9.9	9.4											
1979	9.6	9.8											
1980	8.7	8.8	9.0										
1981	8.0	7.4	7.3										
1982	7.0	5.6		8.6									
1983	6.9	5.1	5.8	6.6									
1984	6.1	5.4	5.4	5.6	6.7								
1985	6.1	4.4	4.5	6.2	7.1								
1986	5.8	4.2	5.4	5.2	5.4	6.8							
1987	5.5	4.0	5.5	4.1	5.8	6.2							
1988	4.8	3.5	4.5	4.2	4.3	4.8	4.6						
1989	3.8	3.4	3.5	3.8	2.9	4.6	4.1						
1990	3.5	3.0	3.6	3.8	5.0	3.3	3.9						
1991	3.6	2.7	3.2	4.0	3.9	3.8	4.2						
1992	2.8	2.2	3.8	3.4	4.5	3.4	3.7						
1993	3.5	2.1	3.1	3.2	3.7	3.8	2.7						
1994	3.7	1.9	2.9	3.1	3.3	3.6	3.2	3.1					
1995	4.4	3.7	3.5	3.0	3.1	3.4	3.5	3.6					
1996	4.6	3.5	3.7	3.0	2.4	2.9	3.1	3.6					
1997	4.7	4.7	3.6	2.9	1.9	2.0	4.1	3.0					
1998	5.5	4.2	4.5	3.7	3.6	2.9	2.4	2.2	3.0				
1999	5.8	4.1	4.2	4.2	3.5	2.6	2.1	3.4	2.0				
2000	5.7	5.5	5.3	5.3	3.7	3.0	2.7	3.2	3.0				
2001	6.9	6.1	7.1	5.4	5.3	3.9	4.2	4.3	3.7				
2002	7.7	8.8	7.8	6.4	7.0	4.9	5.0	4.0	4.2				
2003	6.7	8.0	7.0	7.2	6.3	5.2	4.3	3.8	2.2	2.9			
2004	7.3	8.0	8.1	8.3	6.8	5.6	4.8	3.6	3.5	3.1			
2005	6.8	6.5	8.5	6.3	7.7	4.3	7.4	4.4	3.8	2.9			
2006	6.6	6.1	7.6	6.8	5.6	6.2	6.6	4.0	3.5	4.0			
2007	6.2	5.7	7.6	7.5	7.4	7.6	5.0	3.5	4.5	3.9			
2008	6.2	7.1	6.3	8.1	6.7	5.7	6.5	5.6	3.1	3.8	4.2		
2009	6.3	4.3	7.7	7.1	7.4	5.7	7.2	5.0	4.1	2.5	2.9		
2010	5.6	5.2	6.6	7.2	7.2	5.2	6.4	4.4	3.7	4.3	3.8		
2011	5.6	5.3	5.2	6.6	7.2	5.2	5.1	6.2	3.0	3.8	2.7		
2012	5.3	4.8	4.3	5.9	5.1	6.6	4.1	3.1	3.3	4.6	4.3		
2013	4.6	4.8	4.8	6.8	4.6	6.1	5.5	4.7	3.8	3.3	4.1	2.6	
2014	4.7	5.0	3.8	3.8	6.0	5.1	5.7	6.4	3.9	2.9	3.5	2.7	
2015	4.7	4.7	4.9	5.6	5.2	4.8	6.1	5.6	4.0	3.8	3.1	3.9	
2016	4.9	4.2	7.0	4.9	3.6	5.1	5.0	3.9	3.6	3.9	3.7	2.9	
2017	4.7	3.8	4.2	4.9	5.4	5.0	4.6	4.5	4.0	1.9	3.9	3.3	
2018	3.9	3.5	3.9	4.7	3.9	4.0	5.1	4.9	3.1	4.1	3.8	3.1	2.6
2019	3.4	2.4	3.7	3.1	4.3	4.3	4.4	4.6	4.6	3.5	2.6	3.5	2.9
2020	3.2	2.7	3.2	3.6	4.3	3.4	3.2	3.9	4.0	3.3	2.7	3.3	3.2
2021	1.2	1.9	3.1	2.6	3.3	4.0	4.4	4.2	3.5	4.8	3.9	2.9	3.1

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 30
AMPHETAMINES
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



(Age-specific data provided in the following table.)

TABLE 25
AMPHETAMINES
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

Year	Age 18	Ages 19–20	Ages 21–22	Ages 23–24	Ages 25–26	Ages 27–28	Ages 29–30	Age 35	Age 40	Age 45	Age 50	Age 55	Age 60
1976	15.8												
1977	16.3												
1978	17.1	18.2											
1979	18.3	21.5											
1980	20.8	23.8	25.5										
1981	26.0	25.5	26.7										
1982	20.3	23.9	22.4	21.8									
1983	17.9	19.7	19.9	18.3									
1984	17.7	15.8	17.4	14.0	14.9								
1985	15.8	14.5	13.0	14.1	12.5								
1986	13.4	11.0	13.0	11.4	8.6	9.1							
1987	12.2	9.1	9.9	7.9	8.3	7.9							
1988	10.9	9.2	8.1	7.6	6.4	5.0	5.5						
1989	10.8	6.9	6.8	5.1	5.5	4.3	5.0						
1990	9.1	6.6	5.5	5.3	4.0	4.3	2.7						
1991	8.2	4.9	4.9	3.8	3.4	4.0	2.9						
1992	7.1	5.6	4.3	4.0	2.7	3.5	3.3						
1993	8.4	5.4	4.8	3.8	2.9	2.6	2.4						
1994	9.4	5.4	5.3	4.5	3.9	2.9	2.6	2.4					
1995	9.3	7.2	5.7	3.0	3.5	2.7	2.5	1.9					
1996	9.5	6.5	4.9	4.1	2.5	2.5	2.6	1.9					
1997	10.2	5.9	7.3	3.8	3.2	2.0	2.7	1.7					
1998	10.1	7.5	5.0	4.3	2.9	2.3	1.8	1.7	1.7				
1999	10.2	7.9	5.0	4.5	3.4	2.6	2.4	1.9	1.2				
2000	10.5	9.3	6.0	4.8	3.6	2.7	1.4	1.8	1.4				
2001	10.9	8.7	7.9	5.2	3.6	3.2	1.9	1.9	1.0				
2002	11.1	9.1	7.1	5.8	3.9	3.3	2.1	1.2	1.4				
2003	9.9	8.6	7.5	5.8	3.1	3.6	2.6	2.2	1.0	1.4			
2004	10.0	8.5	6.7	7.1	4.6	3.9	2.2	1.5	1.1	0.9			
2005	8.6	7.0	6.8	5.0	3.8	2.6	3.0	1.2	0.8	0.5			
2006	8.1	6.5	7.6	6.1	4.4	3.3	2.9	1.4	1.6	1.4			
2007	7.5	6.7	7.5	5.9	4.2	3.3	2.1	1.5	0.8	1.1			
2008	6.8	5.9	6.7	5.7	4.0	4.1	2.6	0.7	1.1	0.9	0.6		
2009	6.6	6.2	9.0	5.4	5.3	3.5	2.9	1.9	0.9	0.7	1.0		
2010	7.4	8.3	9.0	7.7	5.9	4.3	3.2	1.3	0.7	0.8	0.8		
2011	8.2	8.7	8.8	8.8	5.3	3.8	3.2	1.4	0.6	1.3	1.0		
2012	7.9	9.3	9.4	8.4	5.8	5.5	4.3	1.4	1.0	1.0	0.4		
2013	9.2	8.6	9.5	7.5	5.6	5.7	2.9	2.2	1.5	1.2	1.0	0.7	
2014	8.1	9.9	9.6	6.9	7.7	5.9	5.3	2.5	1.5	0.9	0.9	0.2	
2015	7.7	7.6	10.6	8.4	7.4	5.4	5.0	3.5	1.9	1.0	1.0	0.4	
2016	6.7	9.1	9.4	6.3	5.8	5.7	5.1	3.3	2.9	0.9	1.1	0.7	
2017	5.9	6.7	9.5	8.4	7.3	7.2	5.7	4.1	2.2	2.1	0.7	0.9	
2018	5.5	5.5	8.8	10.1	6.6	6.6	7.5	2.5	2.1	1.2	1.9	1.0	0.7
2019	4.5	5.6	8.8	6.7	6.8	6.5	6.6	4.3	2.5	1.9	1.2	1.1	0.6
2020	4.3	5.6	7.5	8.5	7.0	6.1	4.9	3.5	3.1	1.8	1.0	0.8	0.6
2021	2.3	3.3	7.1	7.1	5.8	5.5	4.9	3.8	3.1	2.3	1.9	0.6	0.6

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 31
ADDERALL
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

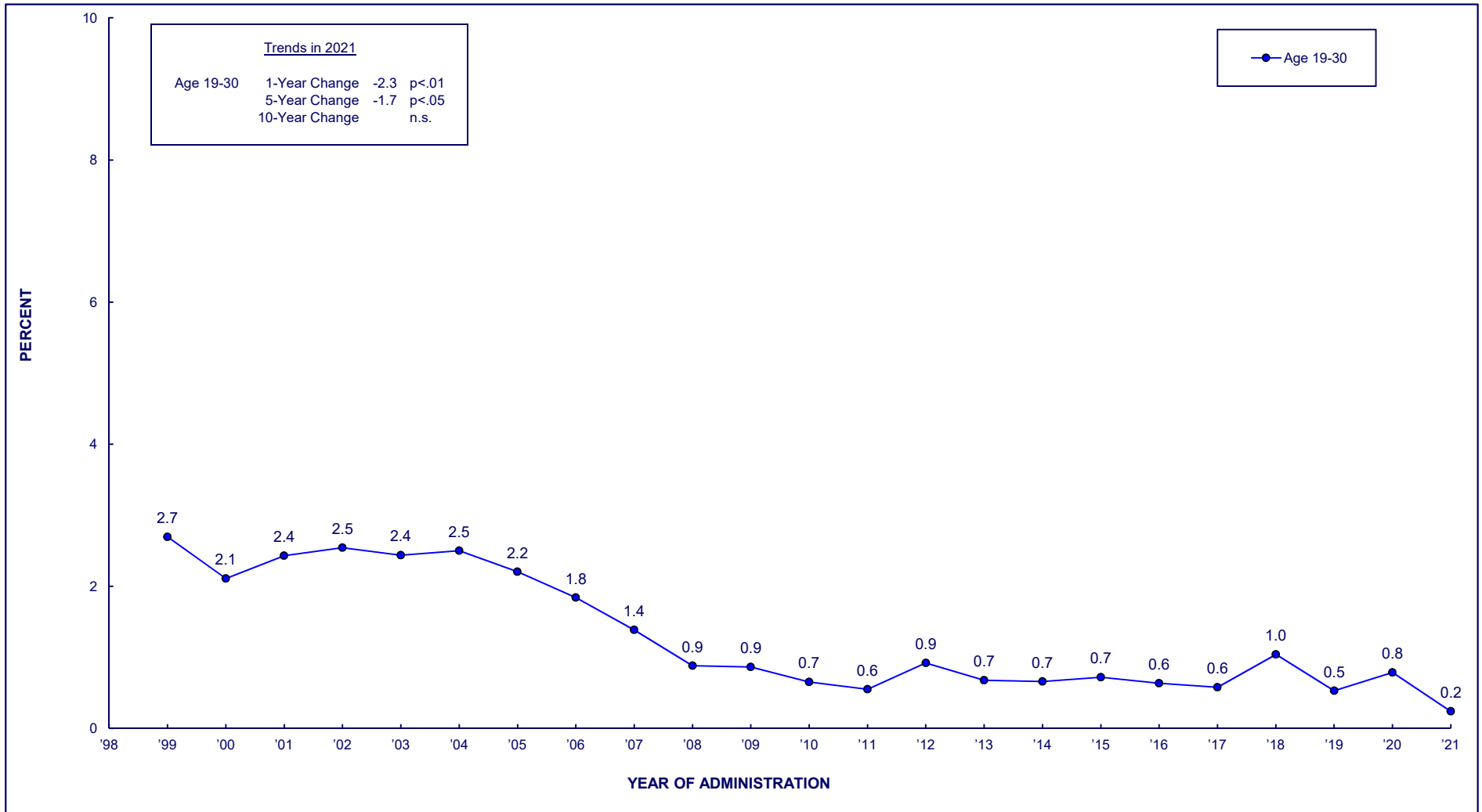


FIGURE 32
RITALIN
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

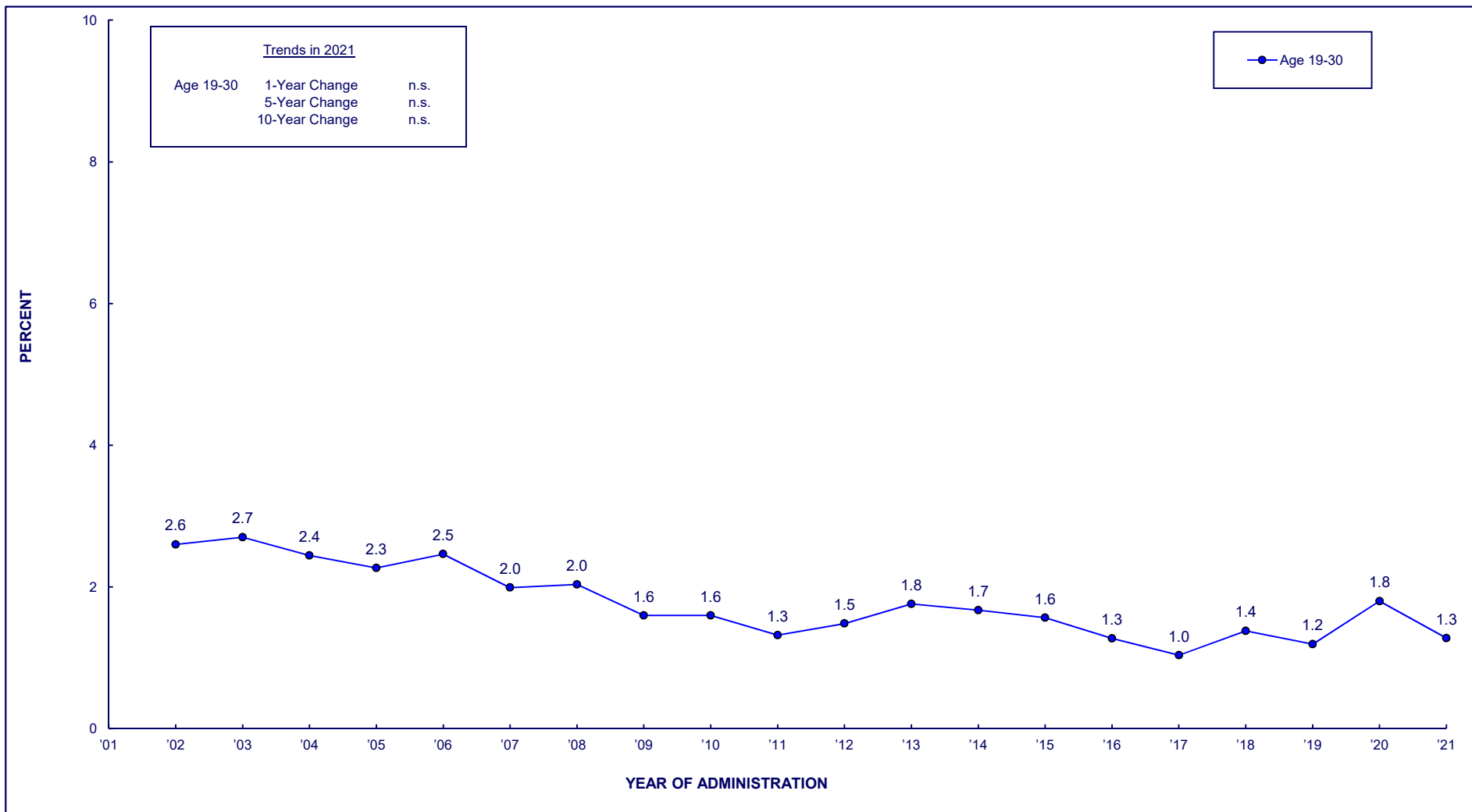
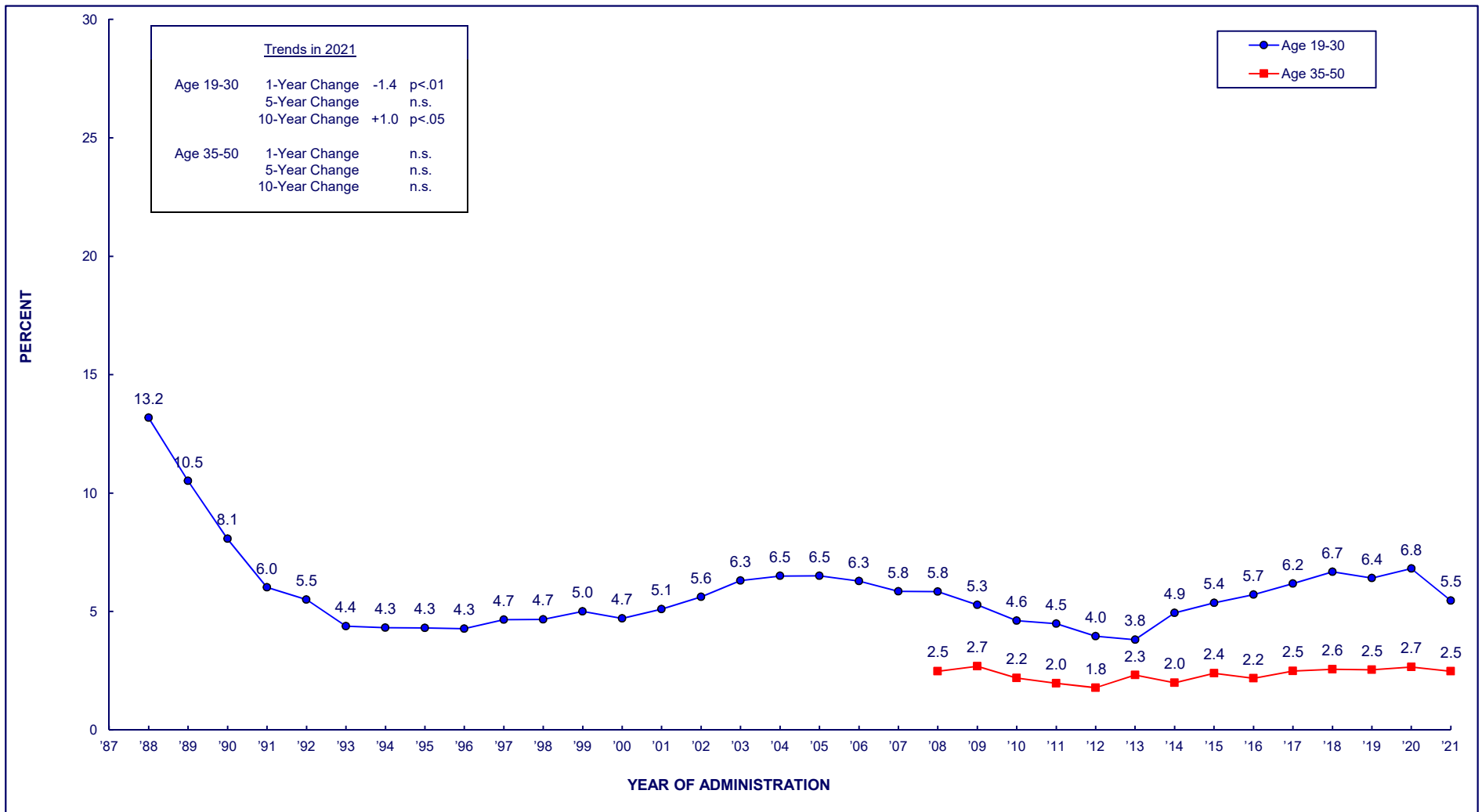


FIGURE 33
COCAINE
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 50, by Age Group



(Age-specific data provided in the following table.)

TABLE 26
COCAINE
Trends in 12-Month Prevalence
among Respondents of Modal Ages 18 through 60, by Age Group

Year	353.0												
	<u>Age 18</u>	<u>Ages 19–20</u>	<u>Ages 21–22</u>	<u>Ages 23–24</u>	<u>Ages 25–26</u>	<u>Ages 27–28</u>	<u>Ages 29–30</u>	<u>Age 35</u>	<u>Age 40</u>	<u>Age 45</u>	<u>Age 50</u>	<u>Age 55</u>	<u>Age 60</u>
1976	6.0												
1977	7.2												
1978	9.0	11.8											
1979	12.0	15.0											
1980	12.3	16.3	19.8										
1981	12.4	15.9	20.5										
1982	11.5	16.9	21.6	22.9									
1983	11.4	13.8	21.2	20.8									
1984	11.6	14.6	20.6	20.2	21.1								
1985	13.1	15.4	19.2	23.5	21.6								
1986	12.7	15.9	20.4	22.8	19.7	19.9							
1987	10.3	13.4	16.0	16.2	17.4	15.6							
1988	7.9	10.6	14.1	15.1	15.2	14.2	14.0						
1989	6.5	7.6	11.8	12.0	10.7	12.2	11.6						
1990	5.3	5.6	8.7	9.5	9.9	9.9	8.1						
1991	3.5	3.8	6.1	7.2	7.4	6.9	6.7						
1992	3.1	3.7	5.1	6.5	6.6	7.2	6.7						
1993	3.3	3.2	4.1	4.6	6.3	5.8	4.7						
1994	3.6	3.2	3.9	4.8	4.2	5.4	6.0	4.7					
1995	4.0	3.9	4.3	4.5	4.6	4.6	4.5	4.3					
1996	4.9	3.7	4.2	4.8	3.8	4.3	4.3	5.1					
1997	5.5	4.5	5.8	4.9	4.3	3.7	4.3	4.1					
1998	5.7	5.3	6.0	5.2	3.7	3.9	3.7	4.4	4.5				
1999	6.2	5.7	5.6	6.8	5.0	3.9	3.6	4.6	4.1				
2000	5.0	5.8	6.3	6.3	4.8	3.6	2.7	3.9	3.5				
2001	4.8	6.0	7.5	5.4	5.4	4.8	2.8	3.5	3.0				
2002	5.0	6.5	7.0	6.0	5.6	4.0	4.4	3.6	3.7				
2003	4.8	6.3	7.4	8.3	5.4	5.5	4.9	2.7	3.1	3.4			
2004	5.3	6.3	8.6	8.4	6.7	5.2	3.6	3.3	3.3	3.9			
2005	5.1	6.4	7.5	6.7	8.2	5.7	4.5	2.8	2.8	2.9			
2006	5.7	5.7	8.4	6.9	6.6	5.2	4.7	2.5	3.0	3.4			
2007	5.2	5.8	7.2	5.8	6.4	5.9	4.1	2.0	2.7	3.6			
2008	4.4	5.0	7.3	5.8	6.5	5.3	5.2	3.3	2.0	2.7	2.0		
2009	3.4	3.2	6.9	6.9	4.5	4.7	5.6	2.5	2.2	3.4	2.6		
2010	2.9	3.4	4.9	5.9	4.8	4.7	4.0	2.6	2.0	2.4	1.8		
2011	2.9	3.9	4.3	6.1	6.0	3.4	3.3	2.9	1.3	2.1	1.6		
2012	2.7	3.4	3.5	5.4	3.8	4.2	3.3	2.3	1.5	1.5	1.8		
2013	2.6	2.6	4.8	4.2	4.4	3.5	3.4	3.3	2.2	2.0	1.7	1.0	
2014	2.6	4.6	4.7	4.7	5.9	5.2	4.6	3.1	1.8	1.5	1.7	1.3	
2015	2.5	4.5	4.7	7.0	6.9	5.2	3.7	4.6	1.6	1.7	1.9	0.9	
2016	2.3	3.0	6.6	6.0	4.2	4.7	4.2	3.0	2.3	1.4	2.1	1.4	
2017	2.7	3.0	6.6	5.6	7.2	4.0	4.0	4.9	2.1	1.5	1.5	1.5	
2018	2.3	3.9	5.9	9.2	6.0	5.2	5.5	3.1	2.9	2.9	1.3	1.5	1.5
2019	2.2	3.5	7.5	7.4	7.4	6.8	5.8	3.7	3.4	2.4	0.8	1.2	0.8
2020	2.9	4.0	6.1	8.7	10.0	6.4	5.4	4.8	3.6	1.4	1.3	1.5	1.1
2021	1.2	2.1	5.3	6.7	7.3	6.6	4.7	4.2	2.3	2.1	1.6	1.2	0.8

Source. The Monitoring the Future study, the University of Michigan.

FIGURE 34
METHAMPHETAMINE
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

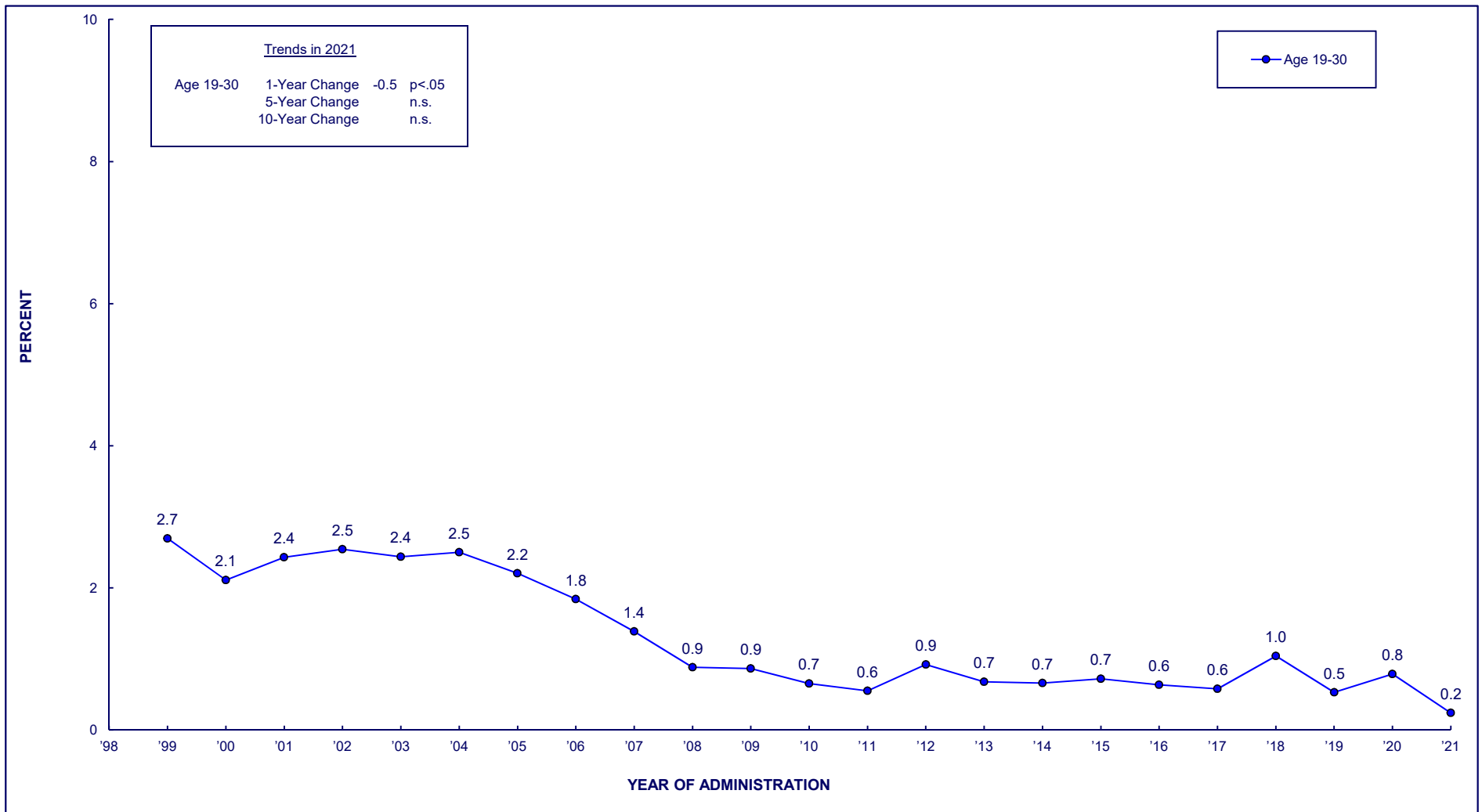


FIGURE 35
SMALL CIGARS
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

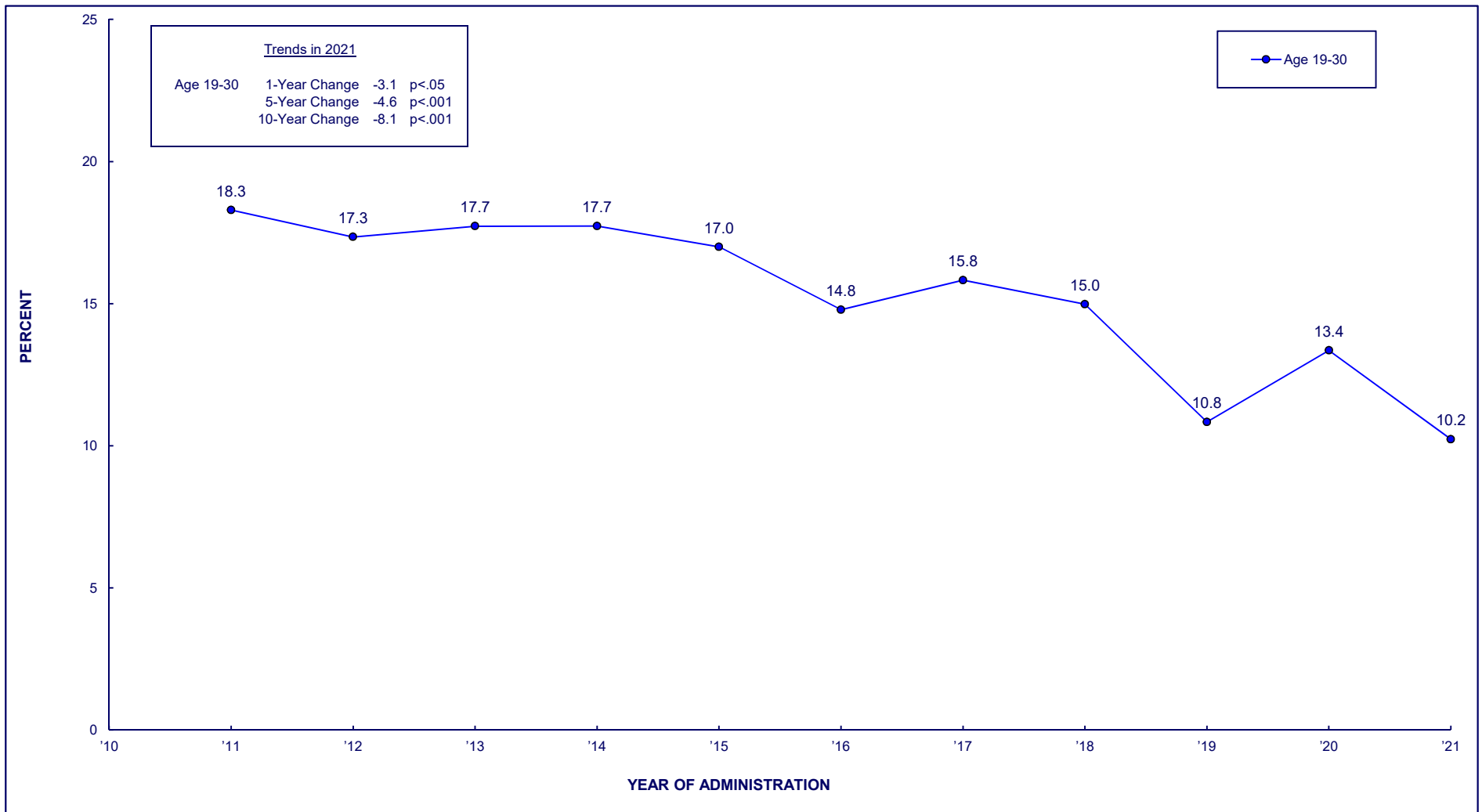


FIGURE 36
TOBACCO WITH A HOOKAH
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

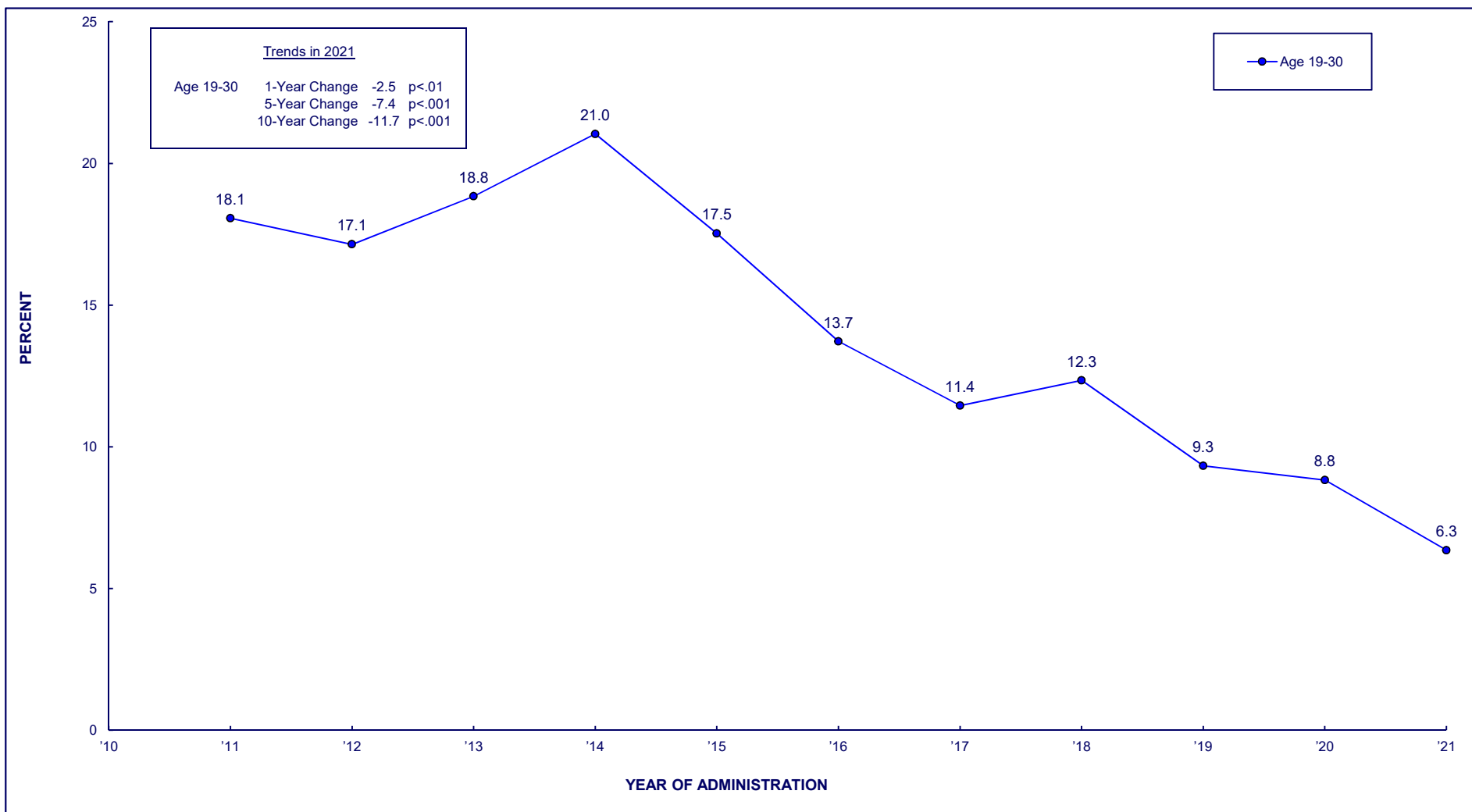


FIGURE 37
DISSOLVABLE TOBACCO
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

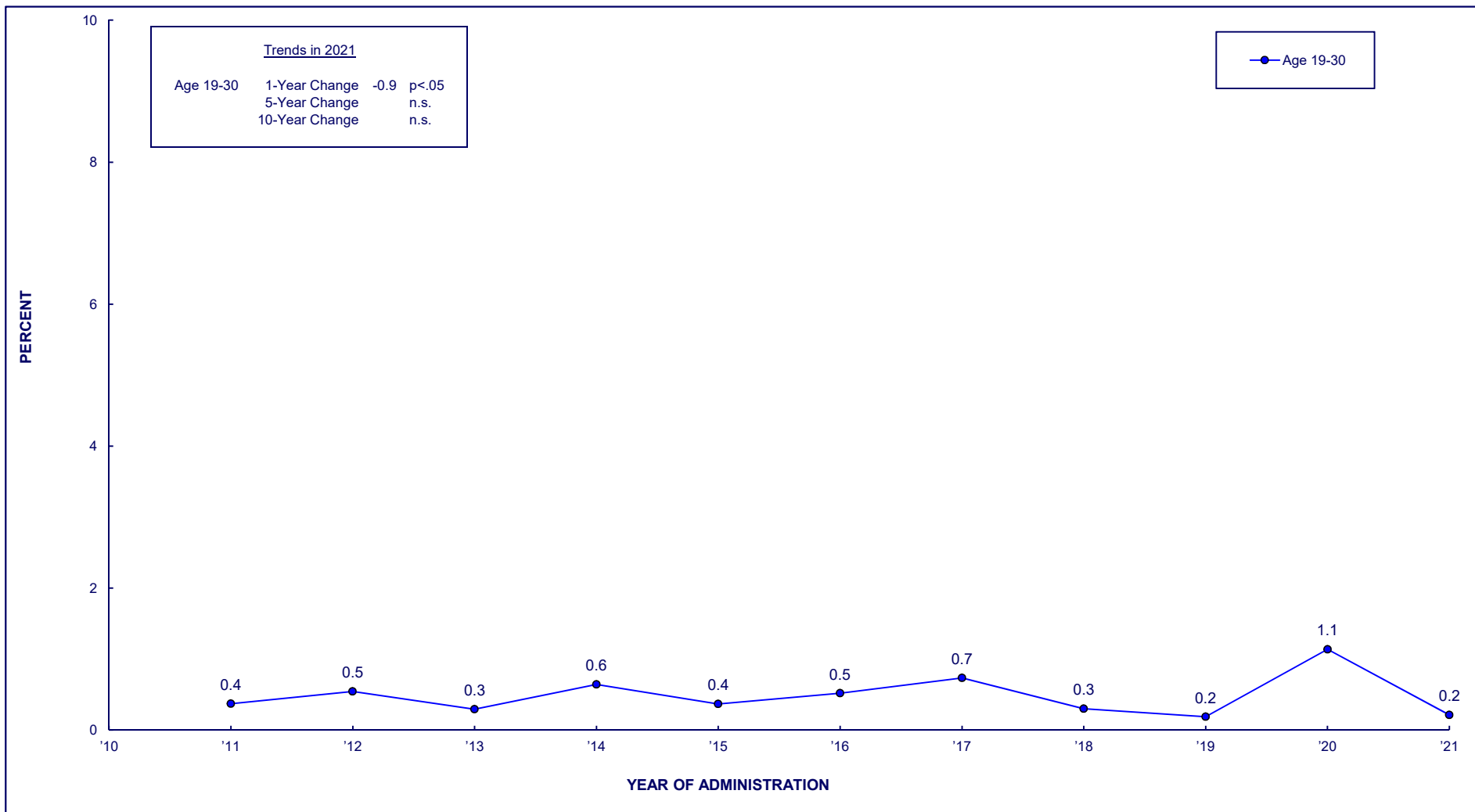


FIGURE 38
SNUS
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30

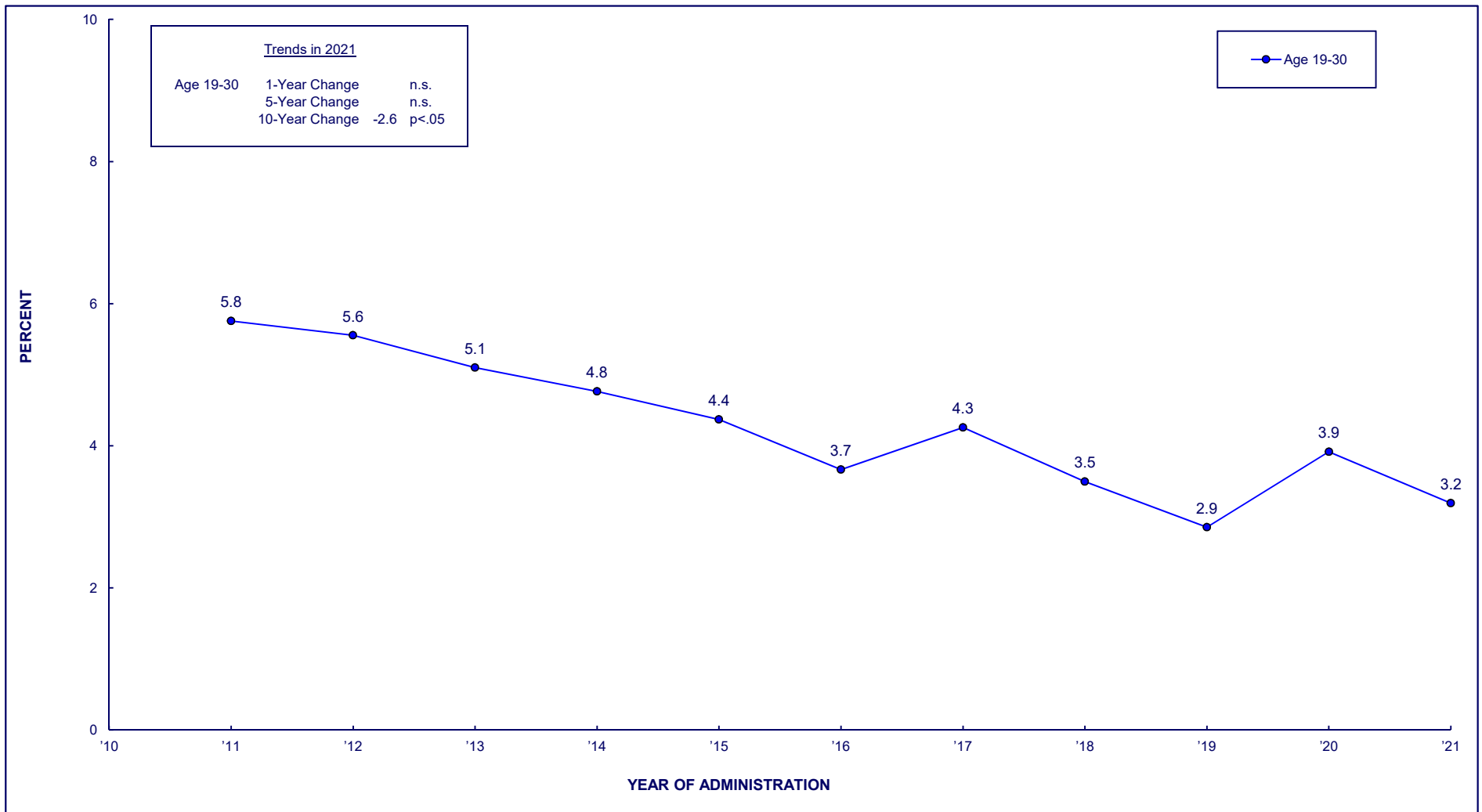
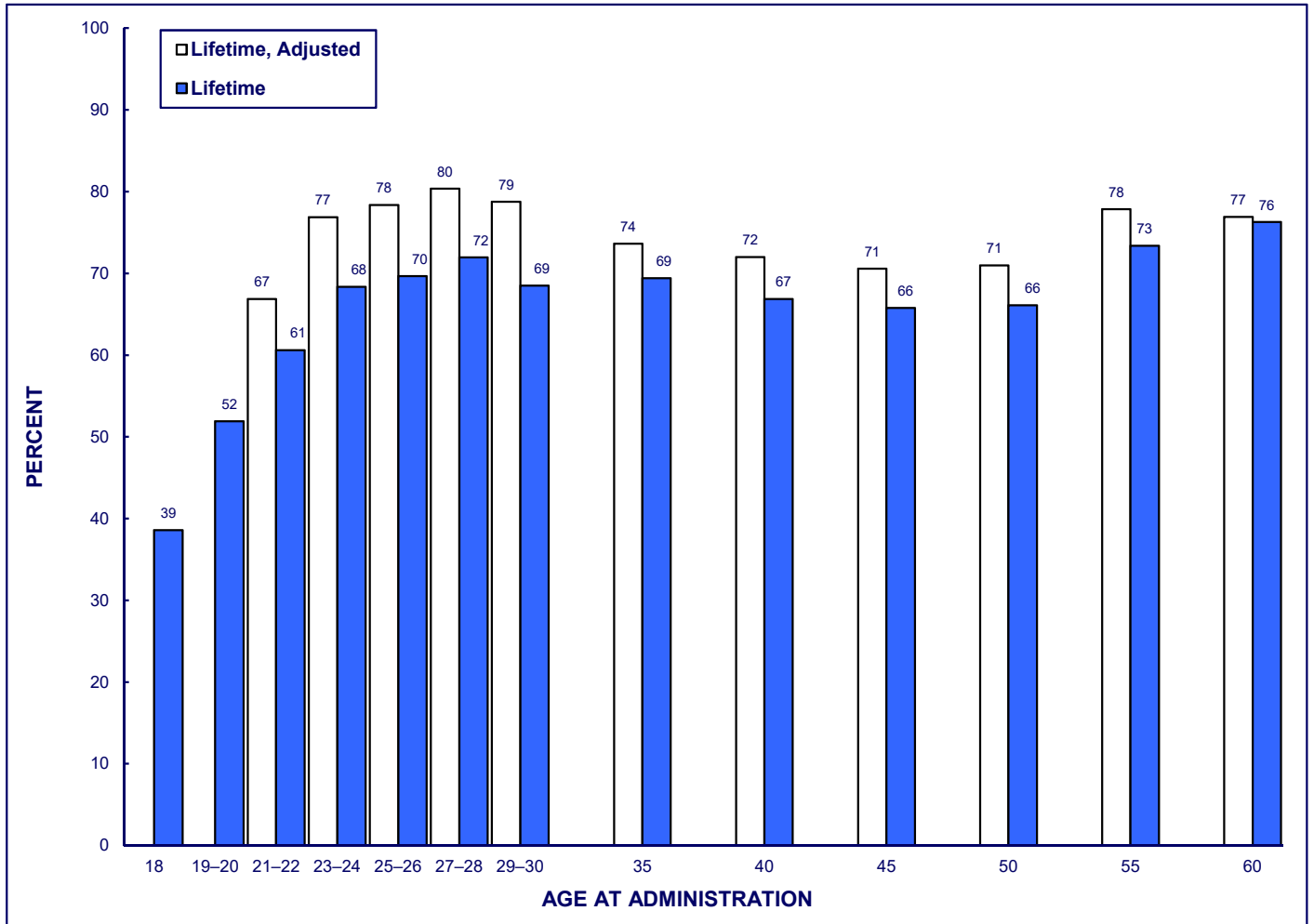


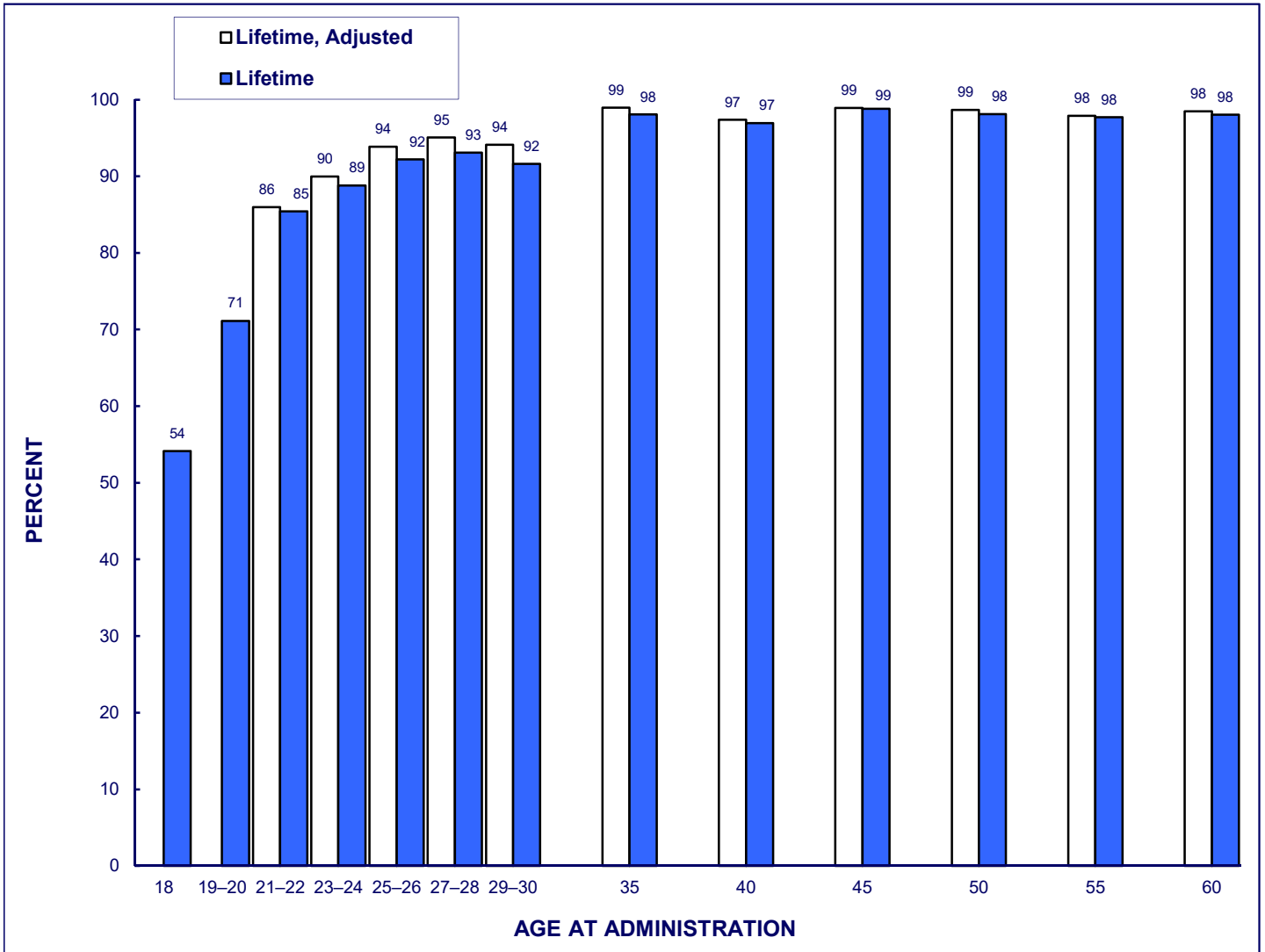
FIGURE 39
MARIJUANA
Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 60
by Age Group, 2021



Source. The Monitoring the Future study, the University of Michigan.

Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.
 Due to rounding some bars with the same number may have uneven height.

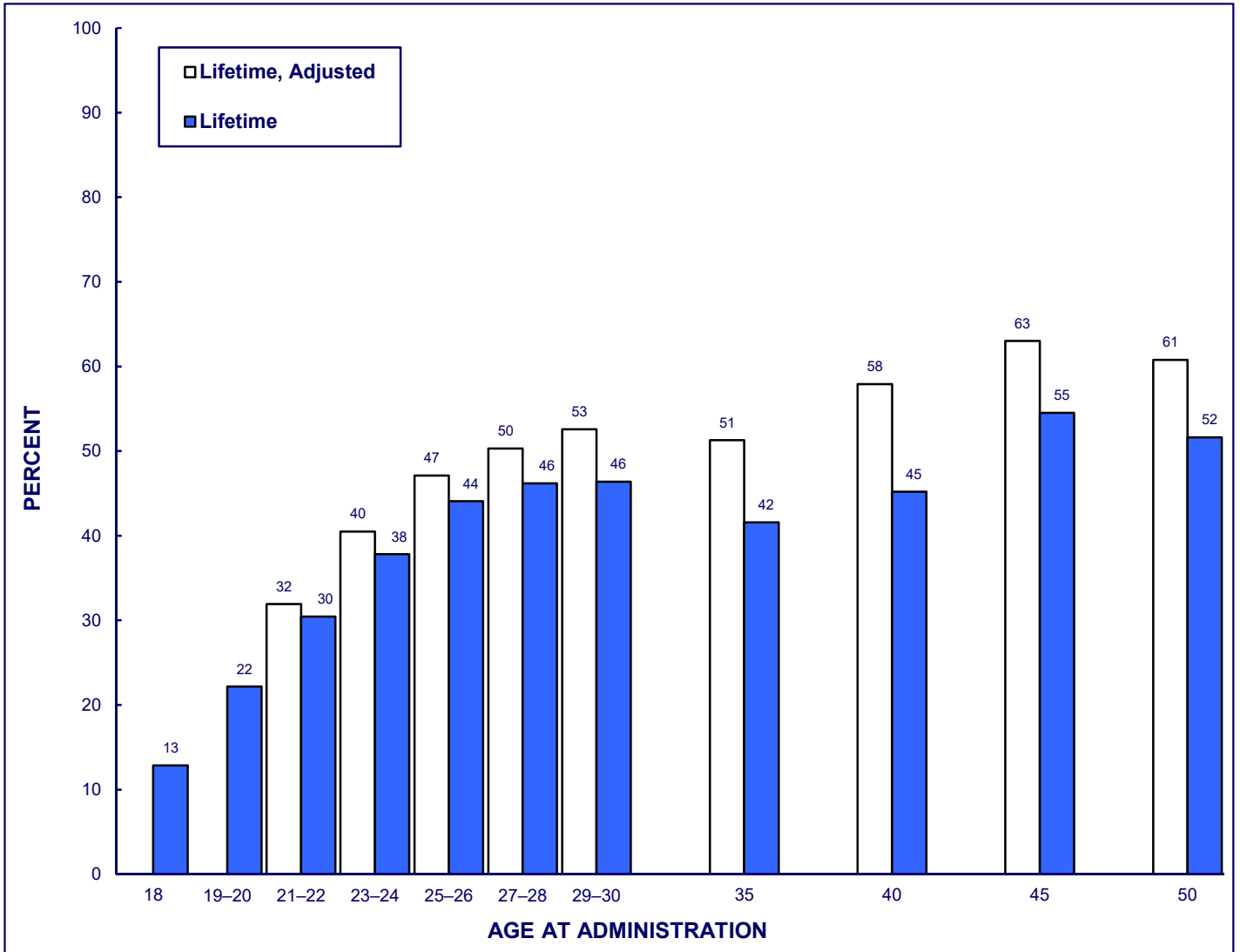
FIGURE 40
ALCOHOL
Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 60
by Age Group, 2021



Source. The Monitoring the Future study, the University of Michigan.

Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.
 Due to rounding, some bars with the same number may have uneven height.

FIGURE 41
ANY DRUG OTHER THAN MARIJUANA
Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 50
by Age Group, 2021



Source. The Monitoring the Future study, the University of Michigan.

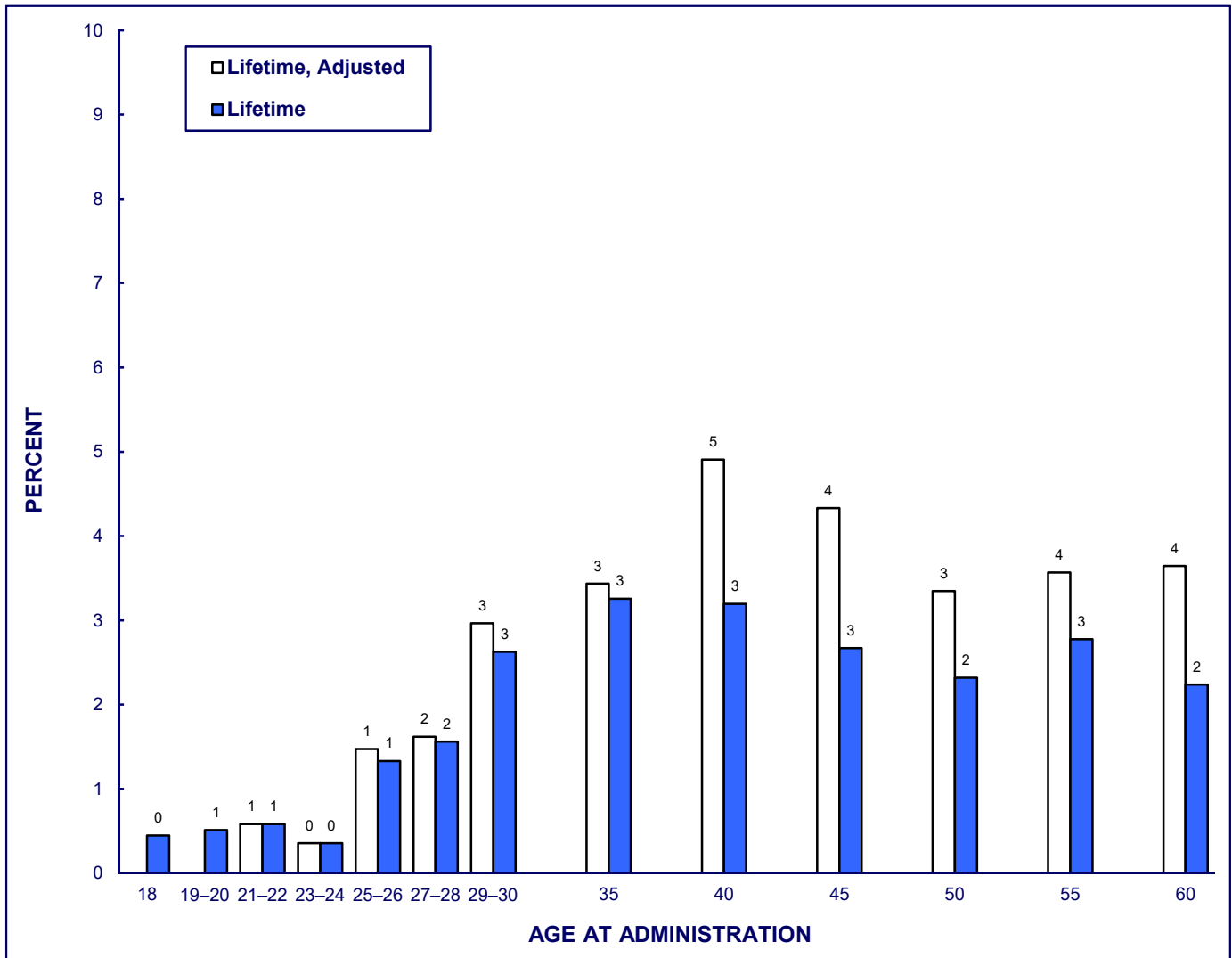
Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.

Due to rounding, some bars with the same number may have uneven height.

FIGURE 42

HEROIN

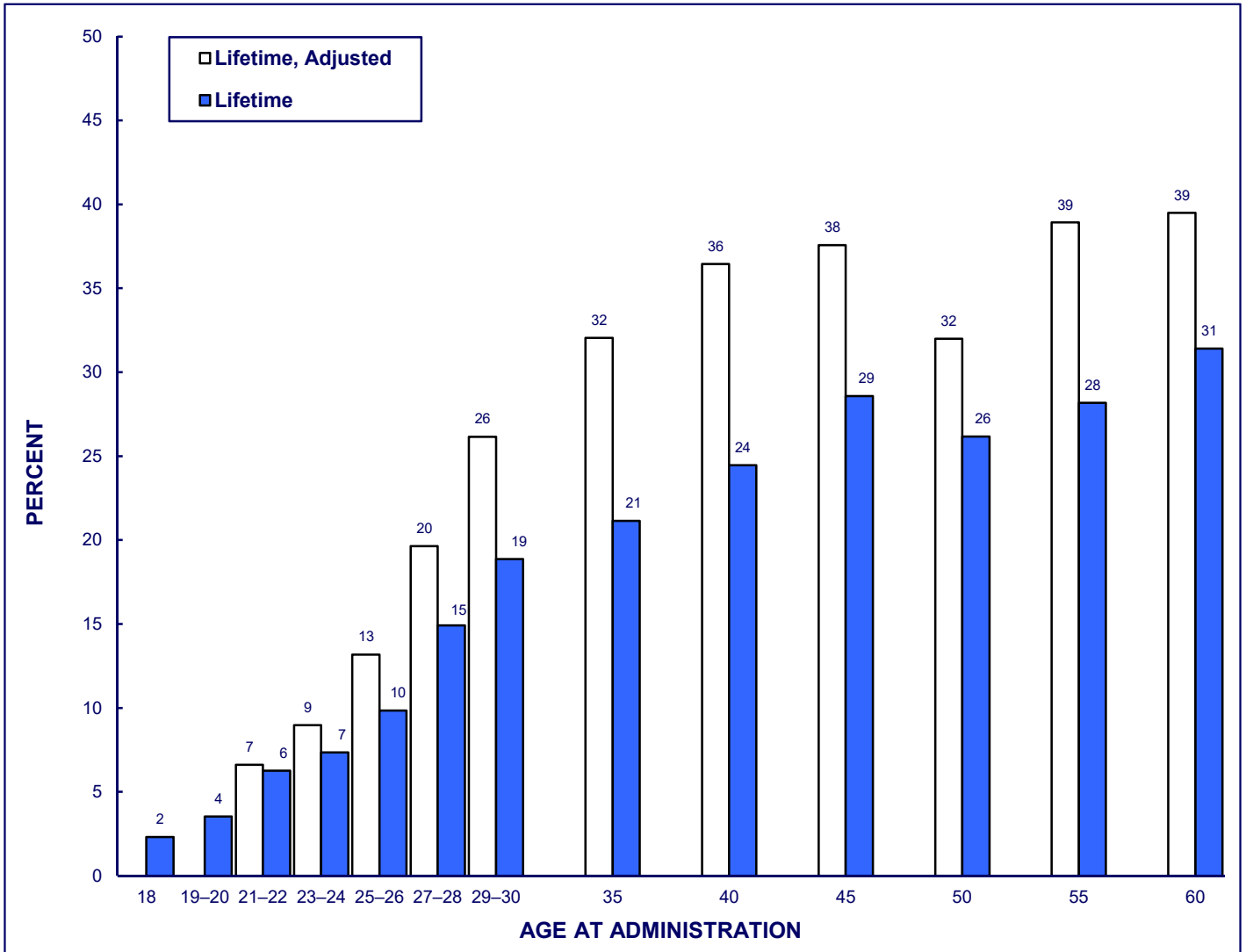
**Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 60
by Age Group, 2021**



Source. The Monitoring the Future study, the University of Michigan.

Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.
Due to rounding, some bars with the same number may have uneven height.

FIGURE 43
NARCOTICS OTHER THAN HEROIN
Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 60
by Age Group, 2021

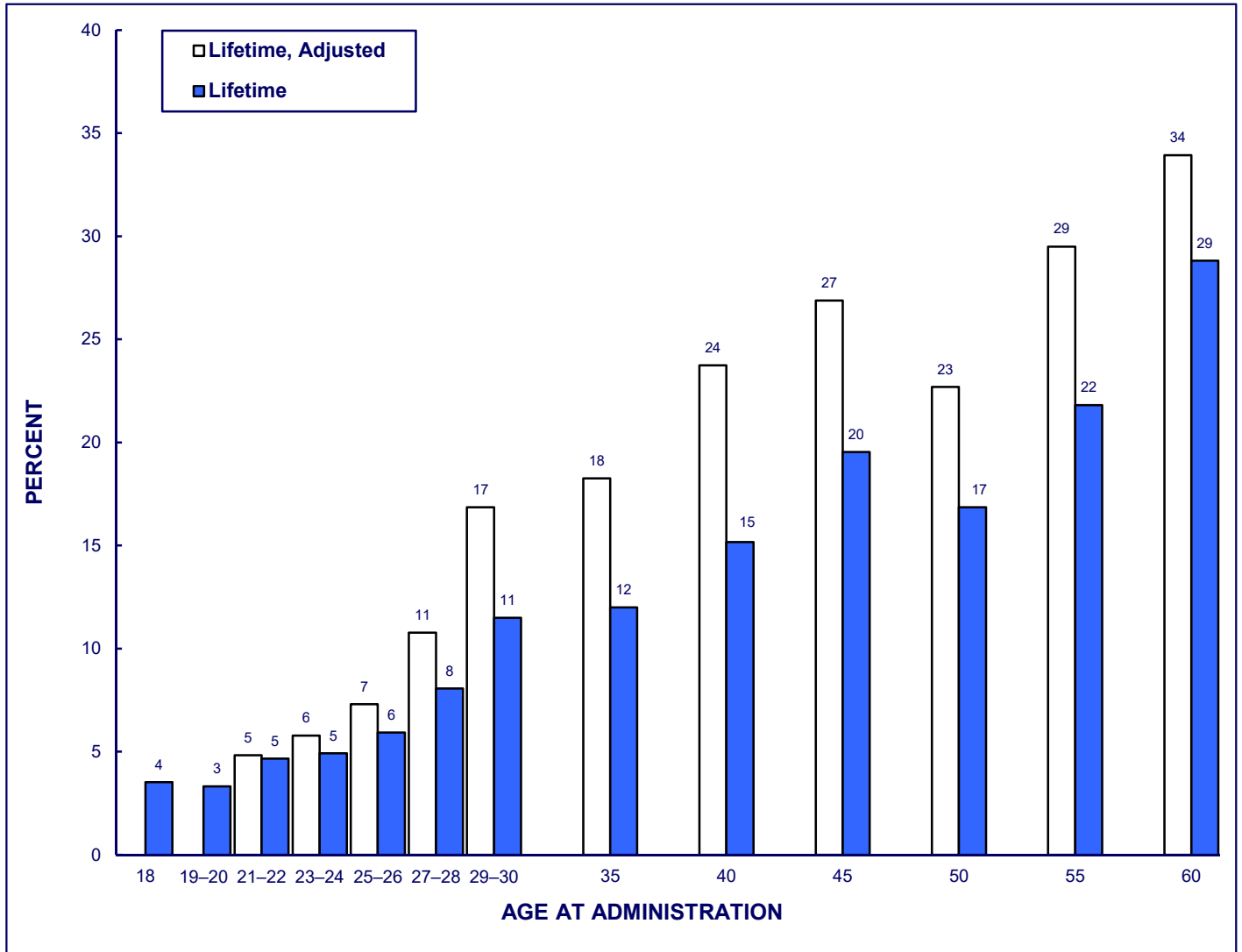


Source. The Monitoring the Future study, the University of Michigan.

Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.

Due to rounding, some bars with the same number may have uneven height.

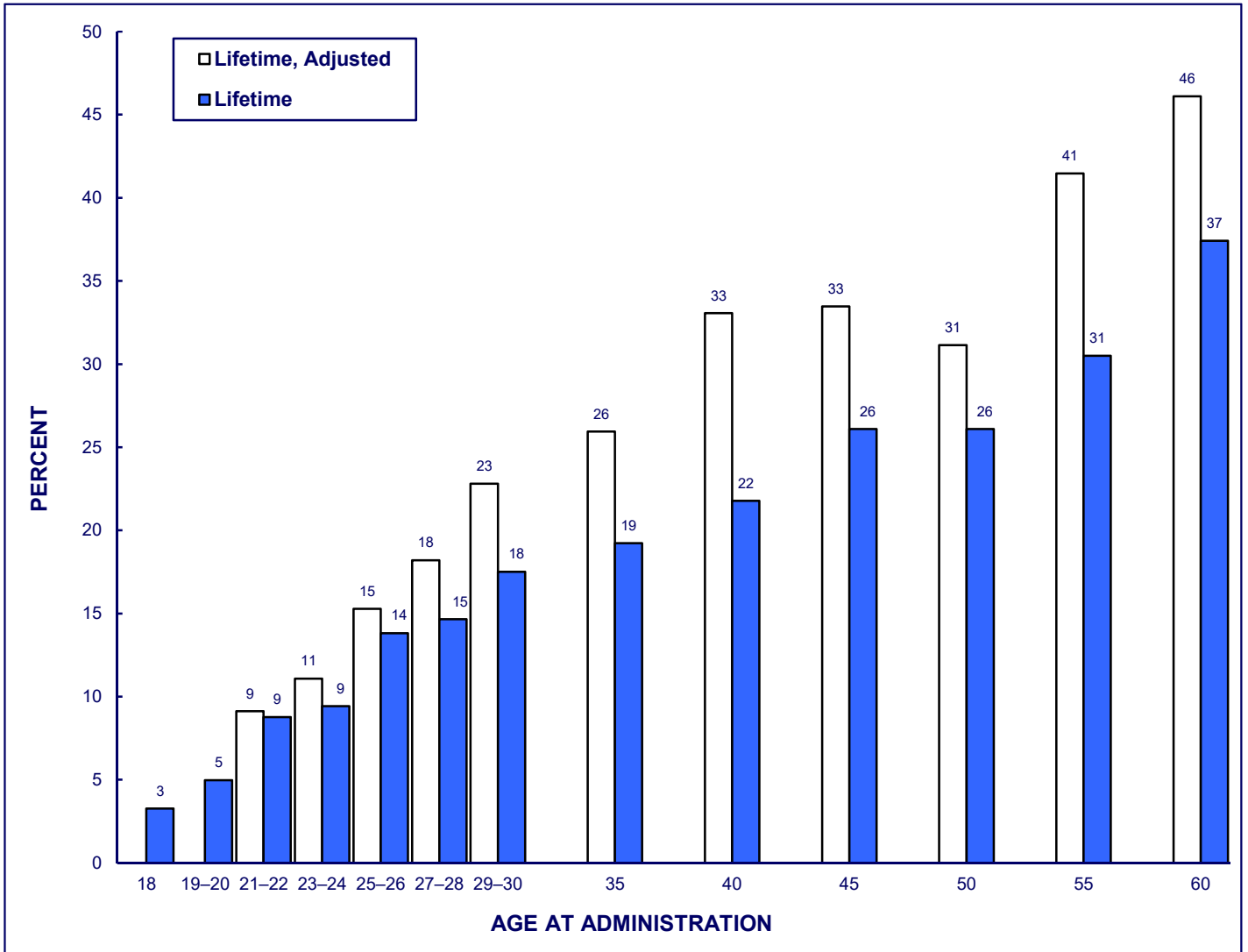
FIGURE 44
SEDATIVES (BARBITURATES)
Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 60
by Age Group, 2021



Source. The Monitoring the Future study, the University of Michigan.

Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.
 Due to rounding, some bars with the same number may have uneven height.

FIGURE 45
TRANQUILIZERS
Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 60
by Age Group, 2021

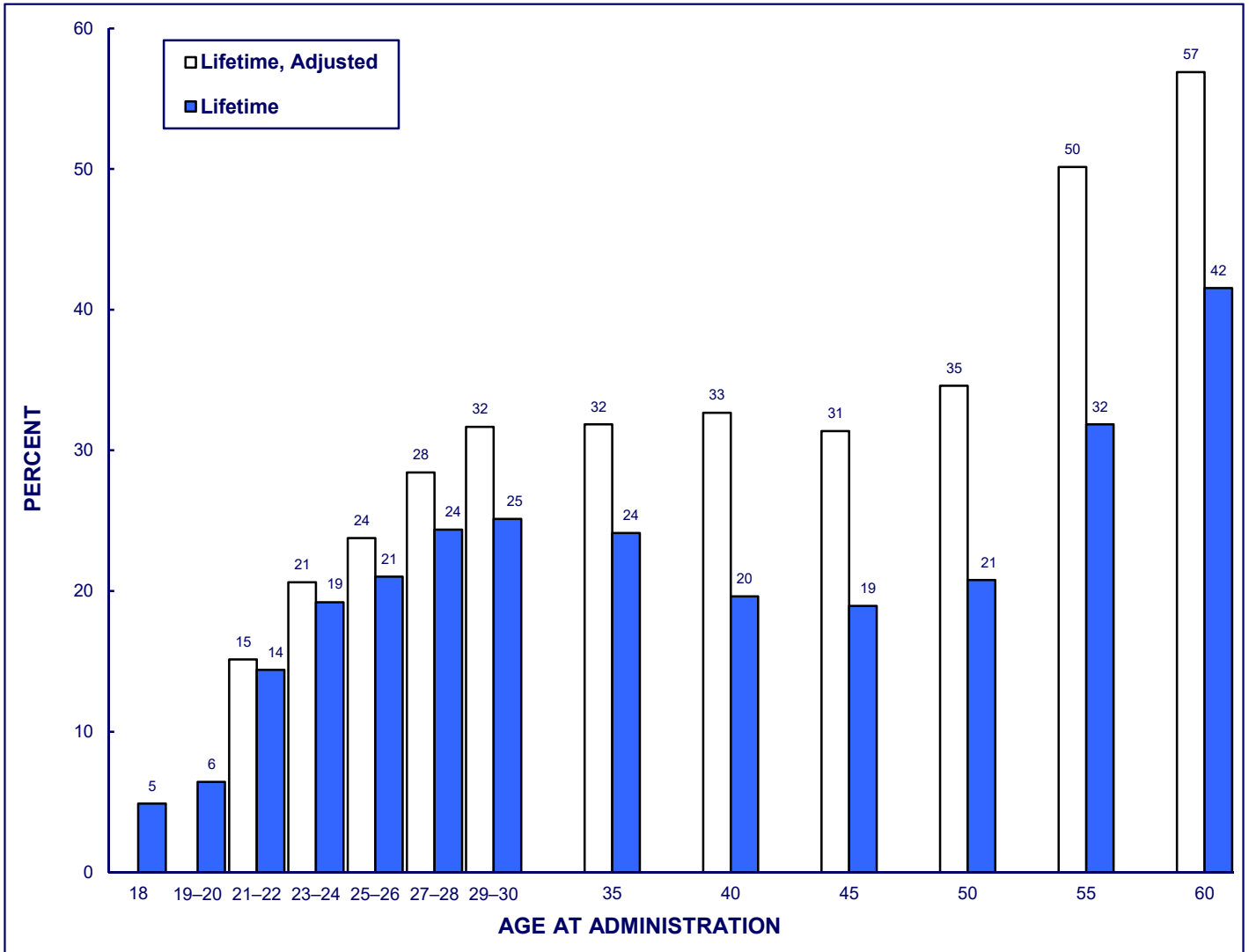


Source. The Monitoring the Future study, the University of Michigan.

Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.

Due to rounding, some bars with the same number may have uneven height.

FIGURE 46
AMPHETAMINES
Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 60
by Age Group, 2021



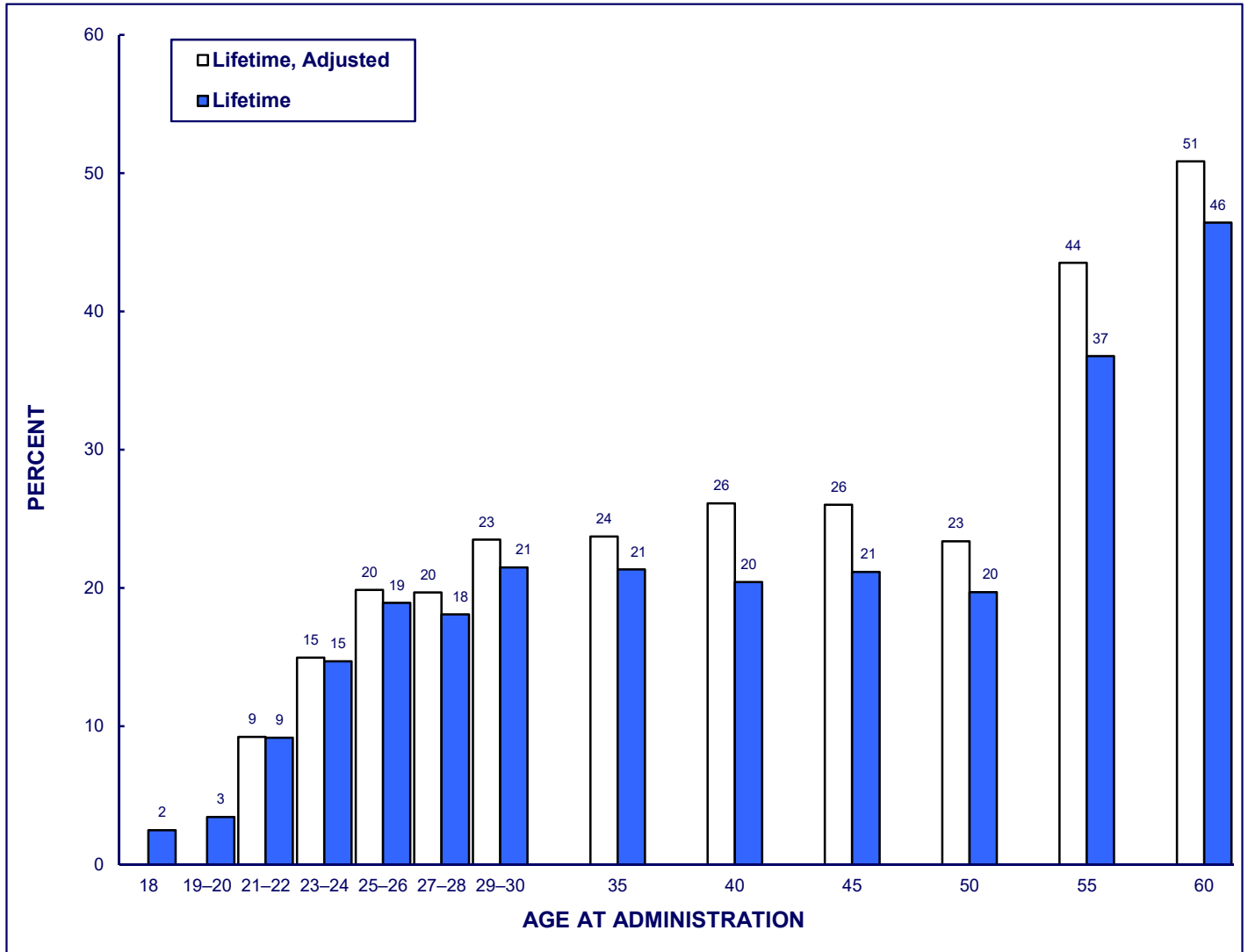
Source. The Monitoring the Future study, the University of Michigan.

Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.

Due to rounding, some bars with the same number may have uneven height.

FIGURE 47
COCAINE

**Adjusted and Unadjusted Lifetime Prevalence
among Respondents of Modal Ages 18 through 60
by Age Group, 2021**



Source. The Monitoring the Future study, the University of Michigan.

Notes. Lifetime prevalence estimates were adjusted for inconsistency in self-reports of drug use over time. See text for discussion.
Due to rounding some bars with the same number may have uneven height.

TABLE 27
12-Month Prevalence of Use for Various Types of Drugs, 2021:
Full-Time College Students vs. Noncollege Youth
among Respondents 1 to 4 Years beyond High School
by Gender

(Entries are percentages.)

	Total		Men		Women	
	Full-Time College	Non- College	Full-Time College	Non- College	Full-Time College	Non- College
Marijuana	40.3	44.3	41.1	42.9	39.7	45.6
Vaping Marijuana	19.5	21.3	20.2	20.5	19.4	21.3
Alcohol	76.4	68.6	73.4	65.3	77.5	71.9
Cigarettes	16.6	17.6	22.0	23.1	14.2	14.1
Vaping Nicotine	28.0	31.7	27.1	32.3	28.3	31.6
Any Drug other than Marijuana	14.6	16.6	18.1	20.4	12.9	14.1
Hallucinogens	6.8	9.1	10.5	10.9	5.1	7.4
LSD	4.3	5.7	7.4	6.9	2.9	4.5
Hallucinogens other than LSD	4.6	6.4	6.6	7.1	3.8	5.6
Ketamine	1.4	0.6	1.4	0.7	1.4	0.6
MDMA (ecstasy, molly)	1.6	2.4	1.7	1.8	1.5	2.8
Heroin	0.1	0.5	0.3	0.5	*	0.3
Narcotics other than Heroin	0.9	1.7	1.2	2.4	0.8	1.1
OxyContin	0.3	3.3	1.1	3.2	*	3.5
Vicodin	0.8	0.4	1.1	*	0.7	0.7
Sedatives (Barbiturates)	0.9	2.0	0.5	1.7	1.1	2.4
Tranquilizers	1.7	3.6	1.4	3.7	1.9	3.6
Amphetamines, Adjusted	5.2	5.0	6.7	4.9	4.6	5.3
Adderall	4.3	2.2	5.7	1.7	3.8	2.6
Ritalin	1.7	0.9	2.2	0.6	1.6	1.0
Cocaine	3.9	3.3	5.2	3.5	3.3	2.6
Methamphetamine	0.3	0.3	0.9	*	*	0.6
Small Cigars	8.8	8.8	20.1	16.7	3.8	3.9
Tobacco using a Hookah	4.5	6.7	6.0	7.8	3.8	6.2
Dissolvable Tobacco	1.2	*	3.9	*	*	*
Snus	3.5	3.1	9.6	7.4	1.0	*
<i>Approximate Weighted N =</i>	<i>1,060</i>	<i>770</i>	<i>360</i>	<i>330</i>	<i>700</i>	<i>440</i>

Source. The Monitoring the Future study, the University of Michigan.

Notes. * * * indicates a prevalence rate of less than 0.05%.

TABLE 28
Thirty-Day Prevalence of Use for Various Types of Drugs, 2021:
Full-Time College Students vs. Noncollege Youth
among Respondents 1 to 4 Years beyond High School
by Gender

(Entries are percentages.)

	Total		Men		Women	
	Full-Time College	Non- College	Full-Time College	Non- College	Full-Time College	Non- College
Marijuana	24.2	32.4	23.9	32.6	24.2	32.1
Vaping Marijuana	11.8	15.3	13.1	16.0	11.3	14.2
Alcohol	59.6	48.4	59.3	46.1	59.4	50.0
Cigarettes	5.9	7.4	7.0	11.1	5.5	5.2
Vaping Nicotine	20.4	25.4	19.9	24.5	20.5	26.3
Any Drug other than Marijuana	5.8	7.1	7.4	7.2	5.0	7.0
Hallucinogens	0.9	1.8	1.9	2.0	0.5	1.4
LSD	0.4	1.0	1.2	1.0	*	0.9
Hallucinogens other than LSD	0.5	1.6	0.7	1.6	0.5	1.4
MDMA (ecstasy, molly)	0.1	0.3	*	*	0.2	0.5
Heroin	0.1	0.3	0.3	*	*	0.3
Narcotics other than Heroin	0.3	0.4	0.9	0.6	*	0.1
Sedatives (Barbiturates)	0.3	1.5	0.3	0.8	0.2	2.1
Tranquilizers	0.6	1.3	0.3	0.5	0.8	1.8
Amphetamines, Adjusted	2.2	2.5	2.6	2.1	2.1	2.8
Cocaine	1.7	0.7	2.5	0.2	1.3	0.7
Large Cigars	4.1	3.4	10.2	6.2	1.2	2.0
Flavored Little Cigars	3.1	4.7	7.0	8.8	1.2	2.5
Regular Little Cigars	2.1	2.2	6.3	6.2	*	*
<i>Approximate Weighted N =</i>	<i>1,060</i>	<i>770</i>	<i>360</i>	<i>330</i>	<i>700</i>	<i>440</i>

Source. The Monitoring the Future study, the University of Michigan.

Notes. * * * indicates a prevalence rate of less than 0.05%.

TABLE 29
Thirty-Day Prevalence of Daily Use for Various Types of Drugs, 2021:
Full-Time College Students vs. Noncollege Youth
among Respondents 1 to 4 Years beyond High School
by Gender

(Entries are percentages.)

	Total		Men		Women	
	Full-Time College	Non- College	Full-Time College	Non- College	Full-Time College	Non- College
Marijuana	5.6	14.3	7.4	15.8	4.5	13.2
Alcohol						
Daily	2.1	3.5	3.3	4.4	1.6	2.7
5+ Drinks in a Row in Last 2 Weeks	30.4	24.5	33.9	23.3	28.8	24.7
10+ Drinks in a Row in Last 2 Weeks	10.5	15.1	18.0	20.9	6.1	10.6
Cigarettes						
Daily	0.9	3.6	2.2	5.5	0.3	2.6
1/2 Pack+/Day	0.6	1.8	1.3	3.6	0.3	0.6
<i>Approximate Weighted N =</i>	<i>1,060</i>	<i>770</i>	<i>360</i>	<i>330</i>	<i>700</i>	<i>440</i>

Source. The Monitoring the Future study, the University of Michigan.

Notes. ' * ' indicates a prevalence rate of less than 0.05%.

FIGURE 48
MARIJUANA

Trends in 30-Day Prevalence among College Students vs. Noncollege Youth 1 to 4 Years beyond High School

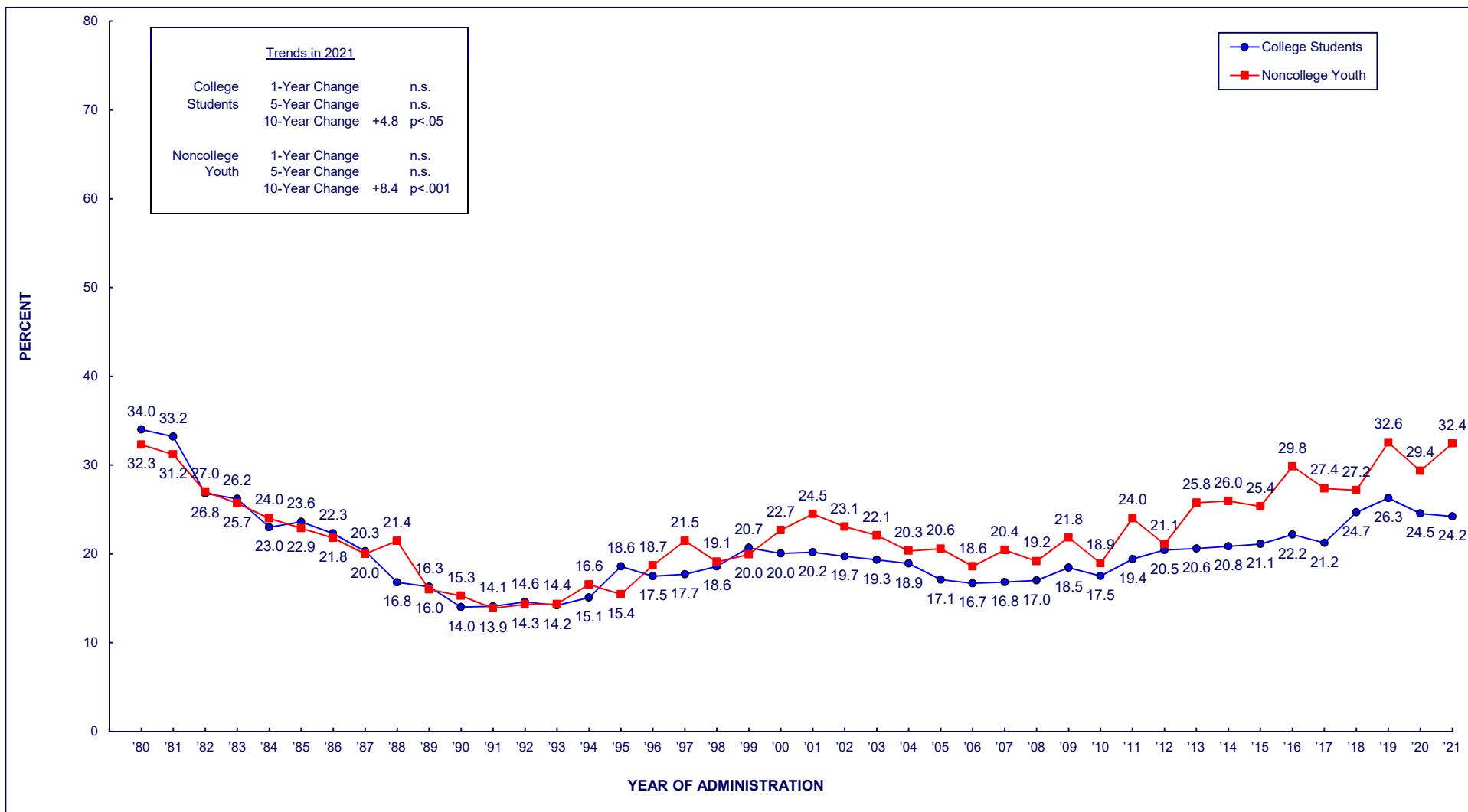


FIGURE 49
MARIJUANA
Trends in 30-Day Prevalence
among College Students 1 to 4 Years beyond High School, by Sex

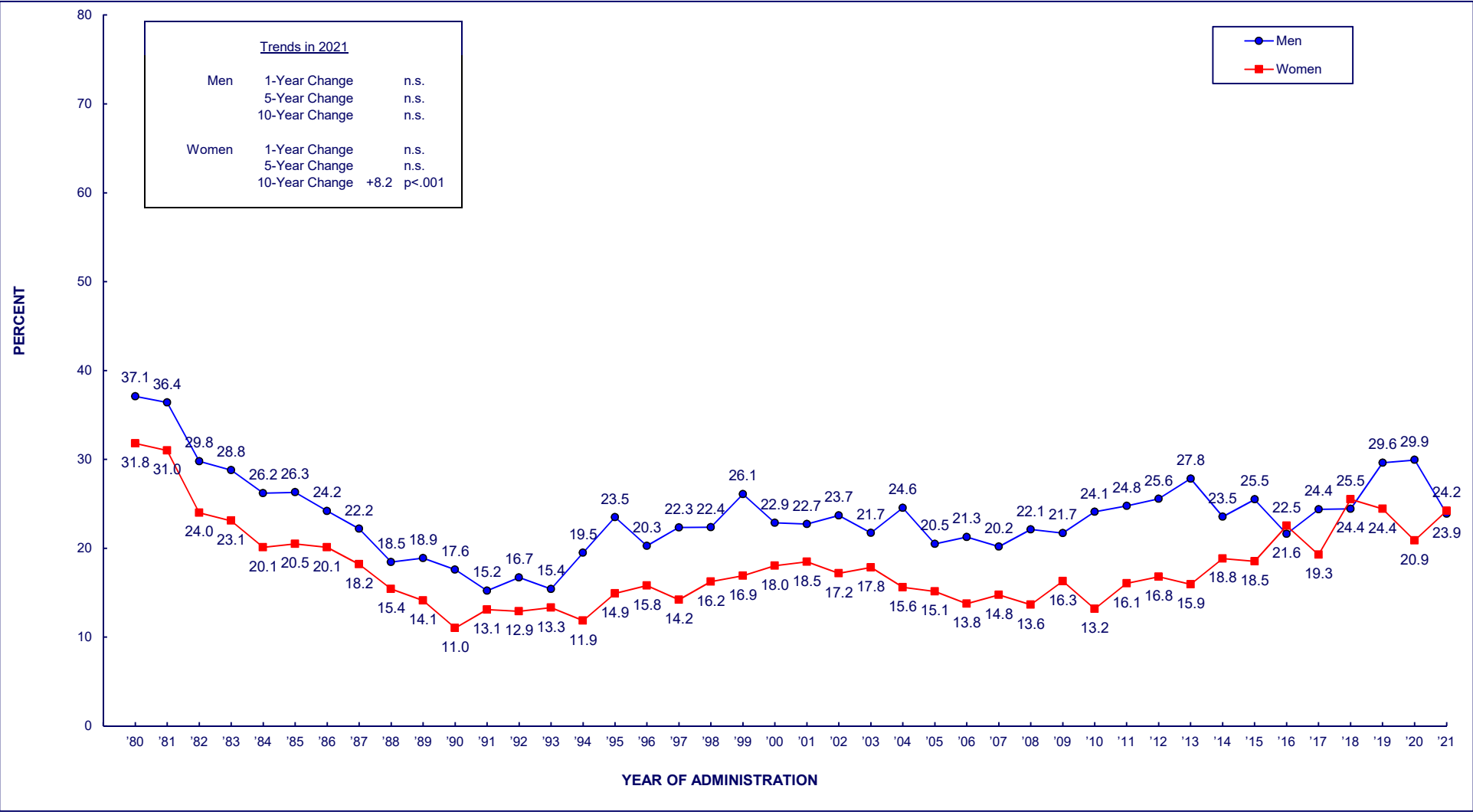


FIGURE 50

VAPING MARIJUANA

Trends in 30-Day Prevalence among College Students vs. Noncollege Youth 1 to 4 Years beyond High School

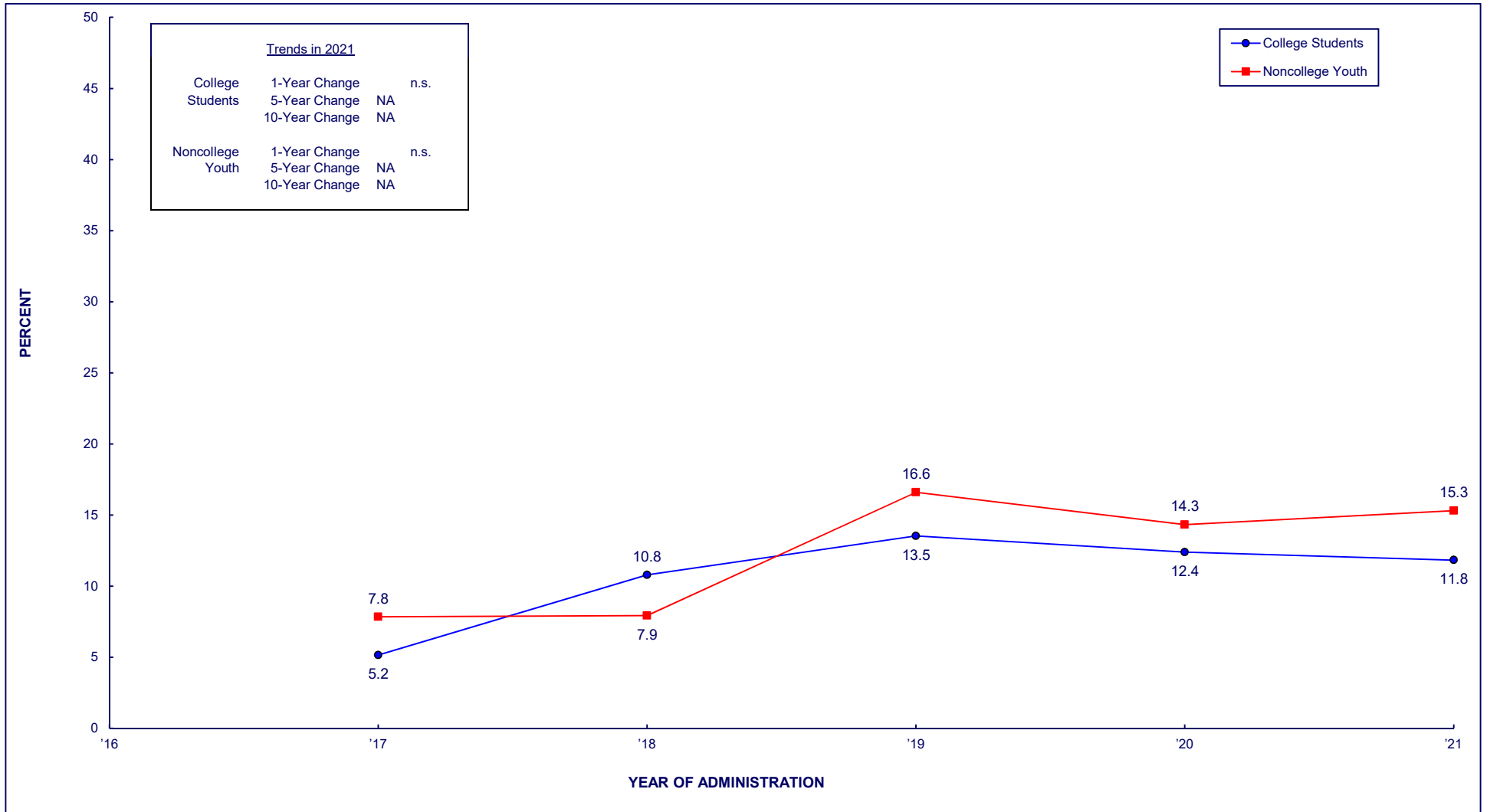


FIGURE 51
VAPING MARIJUANA
Trends in 30-Day Prevalence
among College Students 1 to 4 Years beyond High School, by Sex

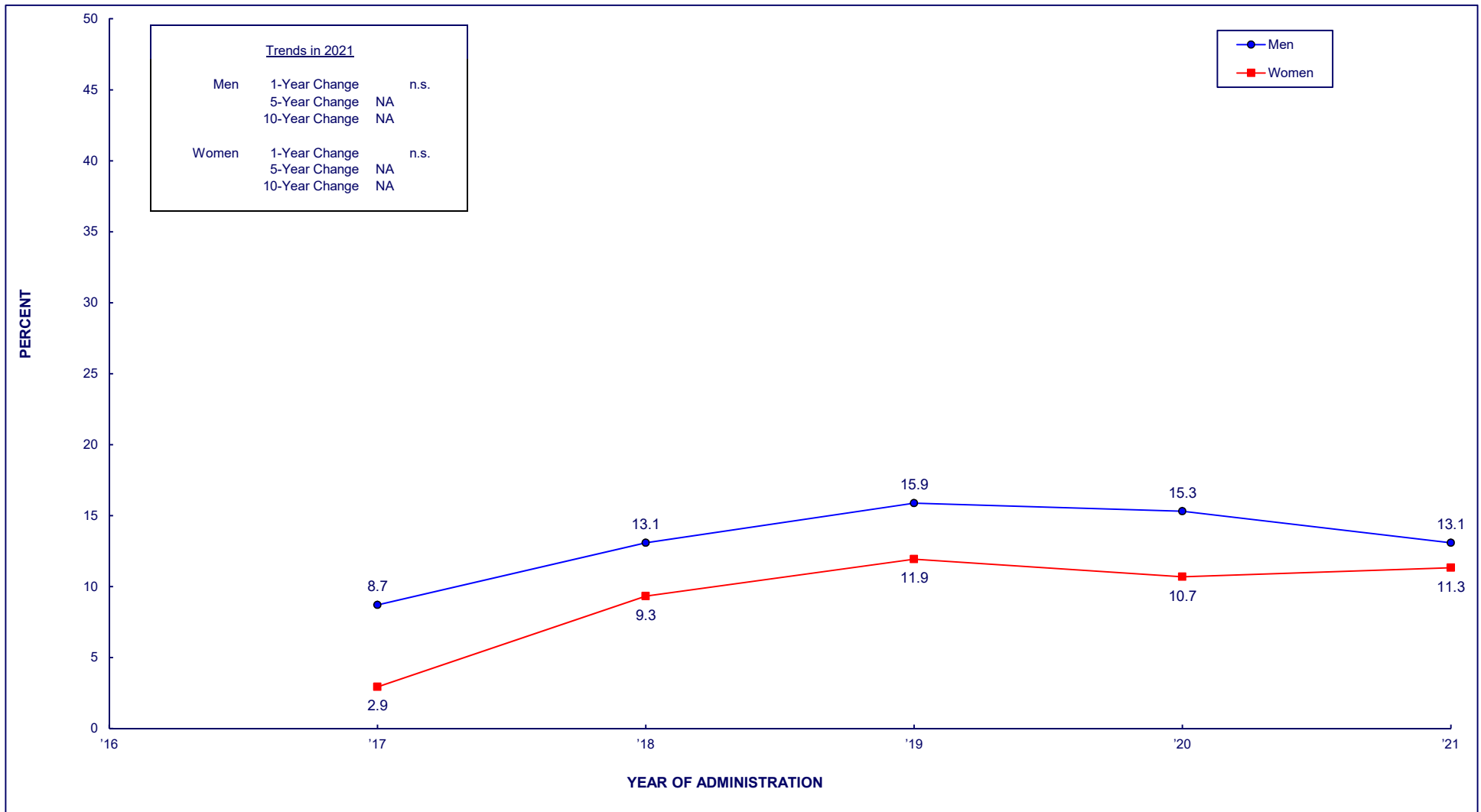


FIGURE 52

ALCOHOL

Trends in 30-Day Prevalence among College Students vs. Noncollege Youth 1 to 4 Years beyond High School

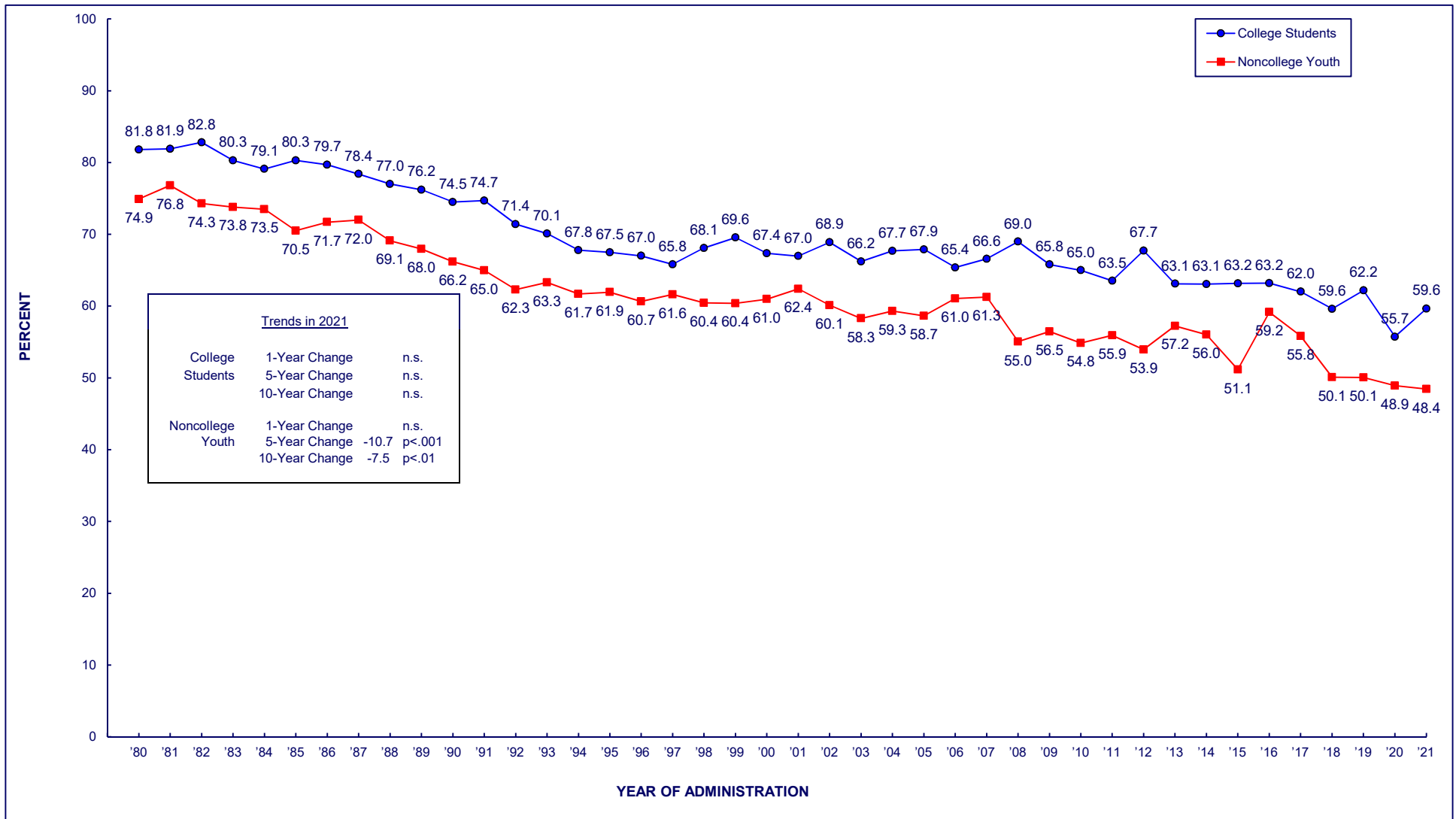


FIGURE 53
ALCOHOL
Trends in 30-Day Prevalence
among College Students 1 to 4 Years beyond High School, by Sex

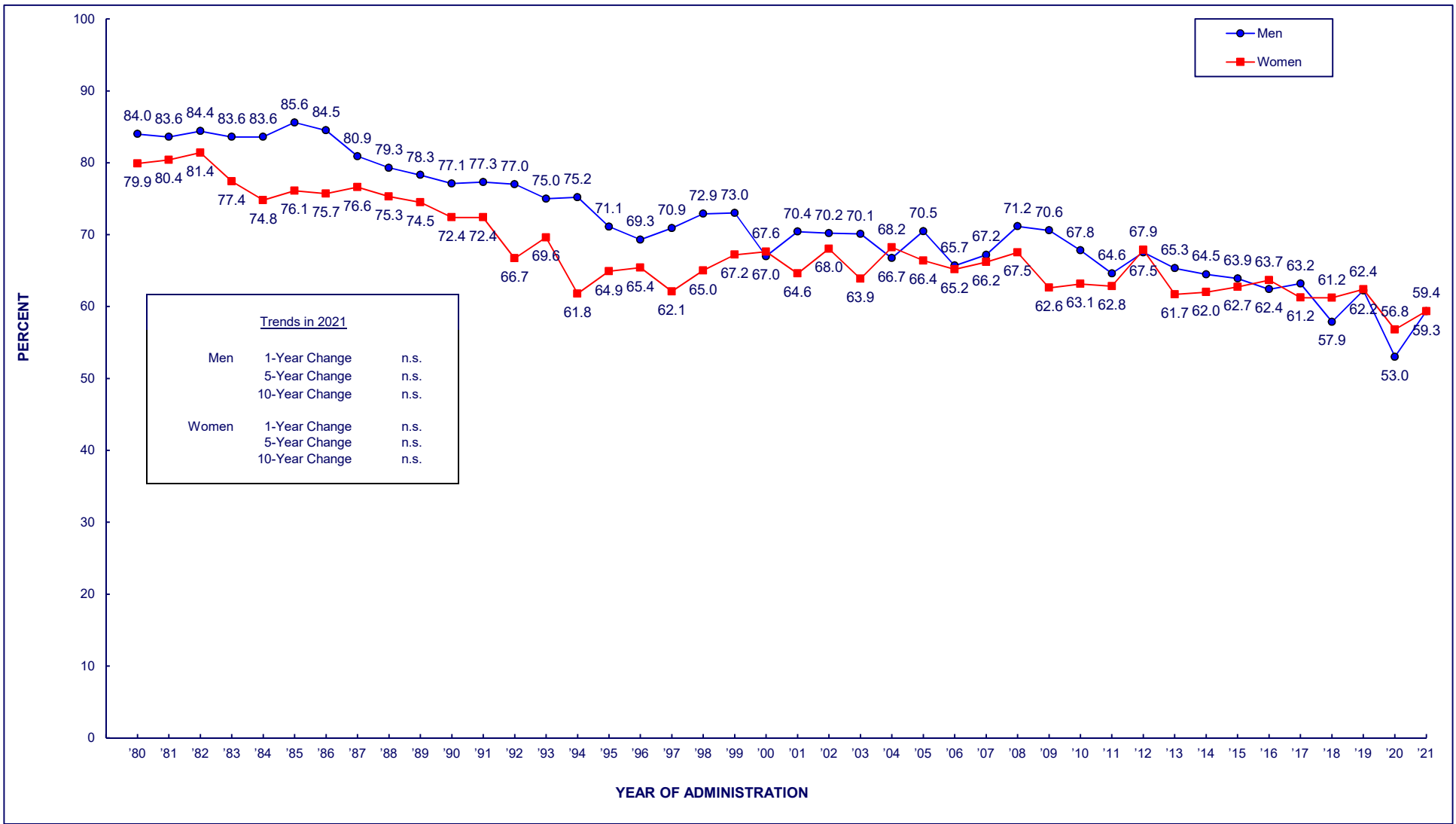


FIGURE 54

ALCOHOL

Trends in 2-Week Prevalence of Having 5 or More Drinks in a Row among College Students vs. Noncollege Youth 1 to 4 Years beyond High School

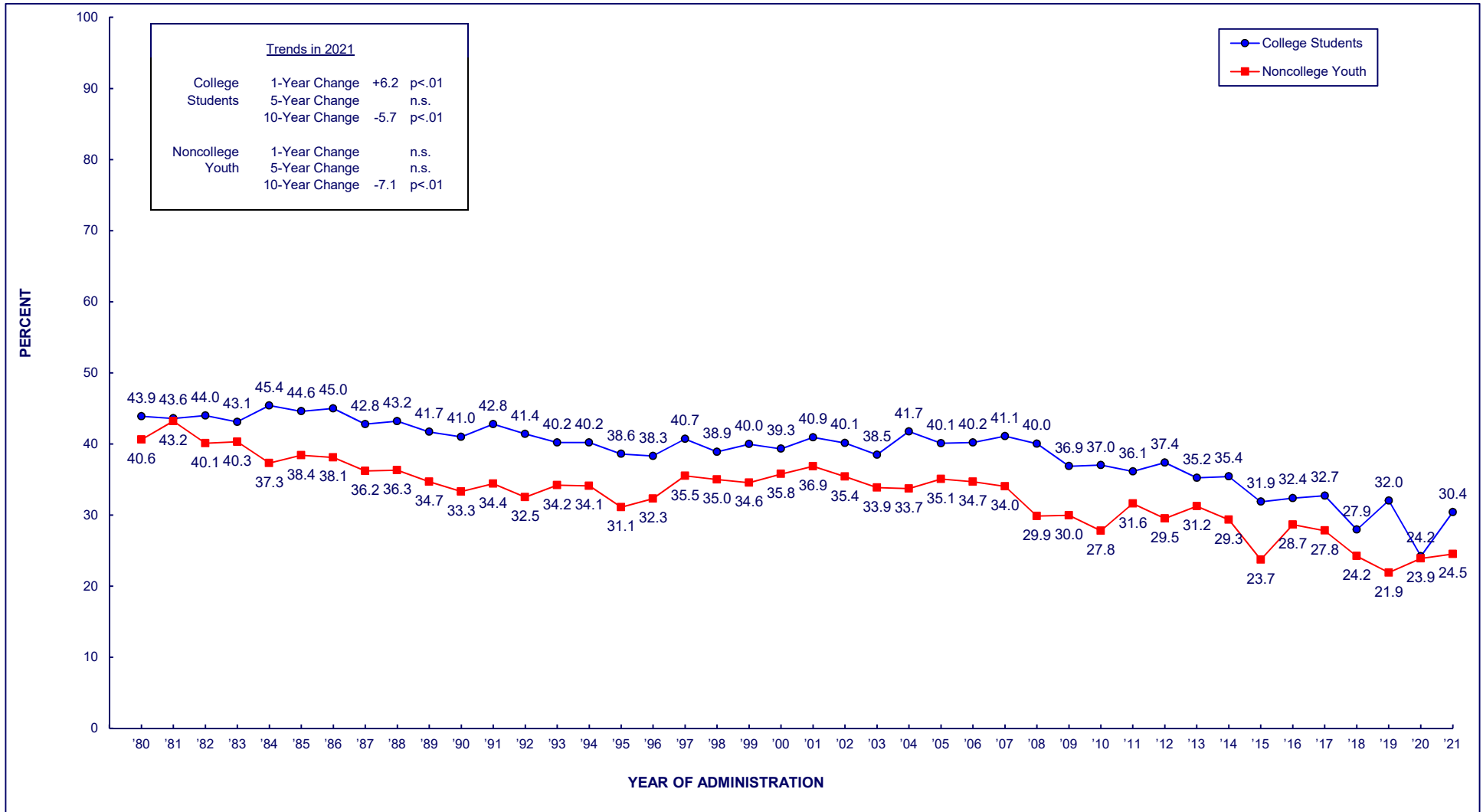


FIGURE 55

ALCOHOL

Trends in 2-Week Prevalence of Having 5 or More Drinks in a Row among College Students 1 to 4 Years beyond High School, by Sex

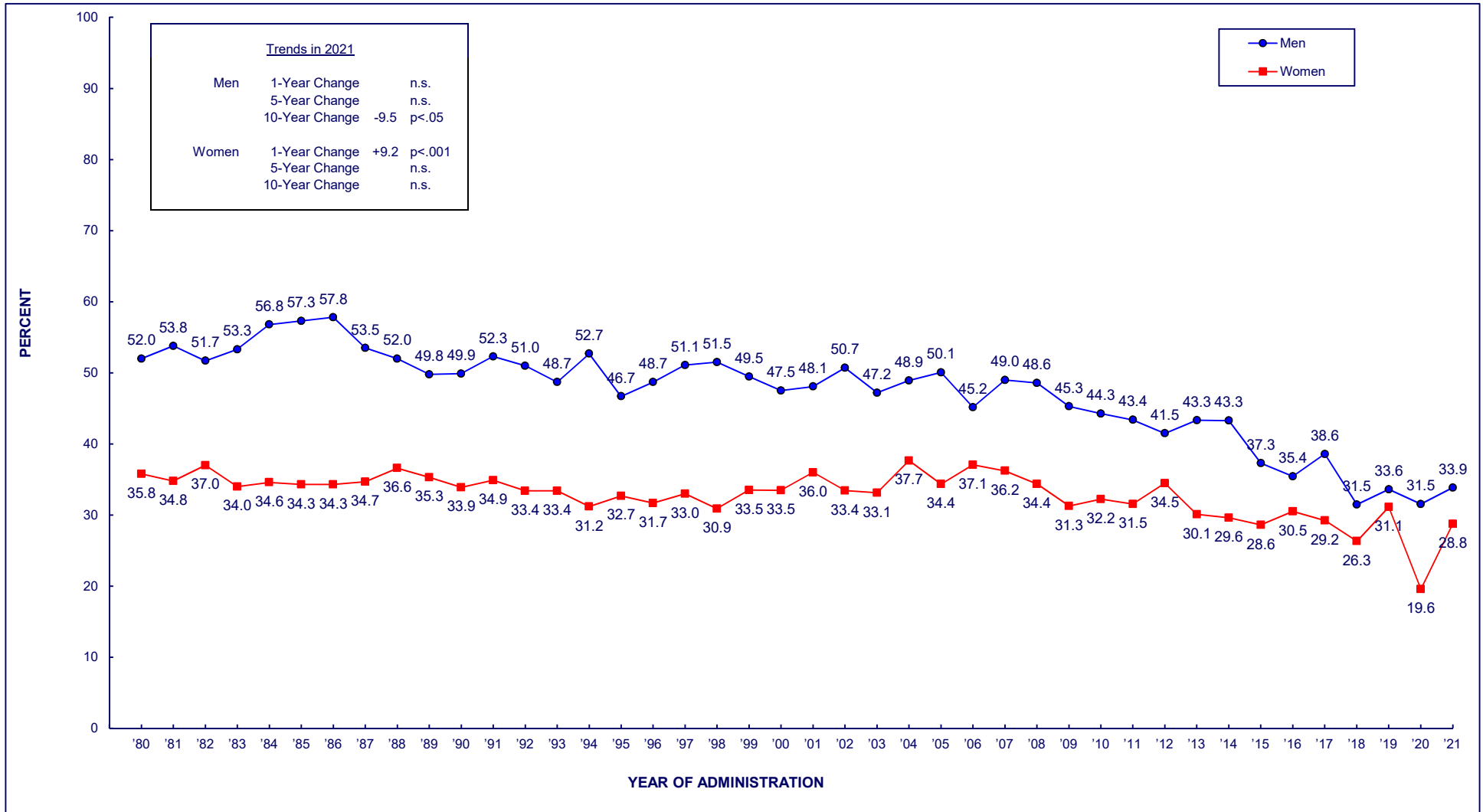


FIGURE 56
CIGARETTES

Trends in 30-Day Prevalence among College Students vs. Noncollege Youth 1 to 4 Years beyond High School

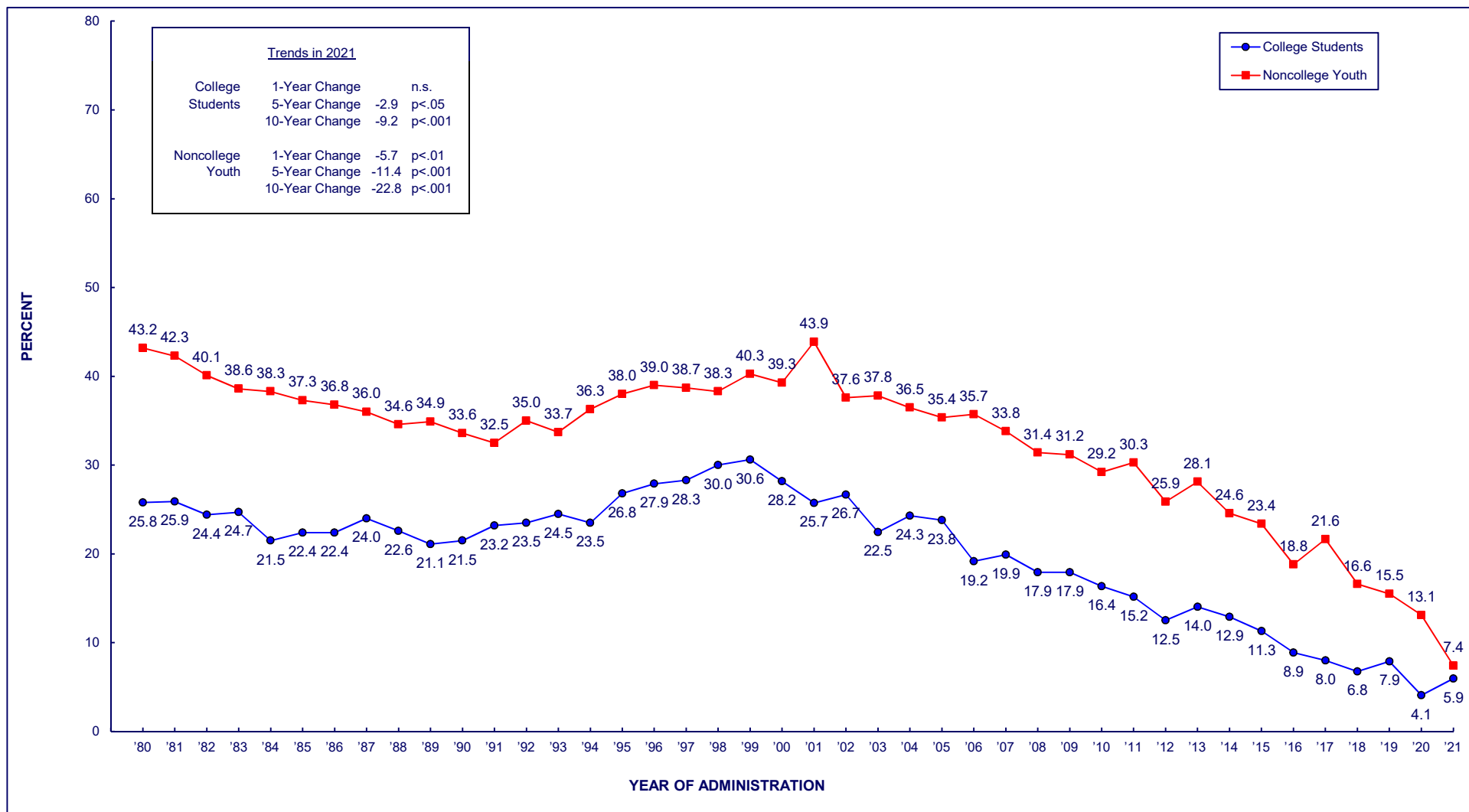


FIGURE 57
CIGARETTES
Trends in 30-Day Prevalence
among College Students 1 to 4 Years beyond High School, by Sex

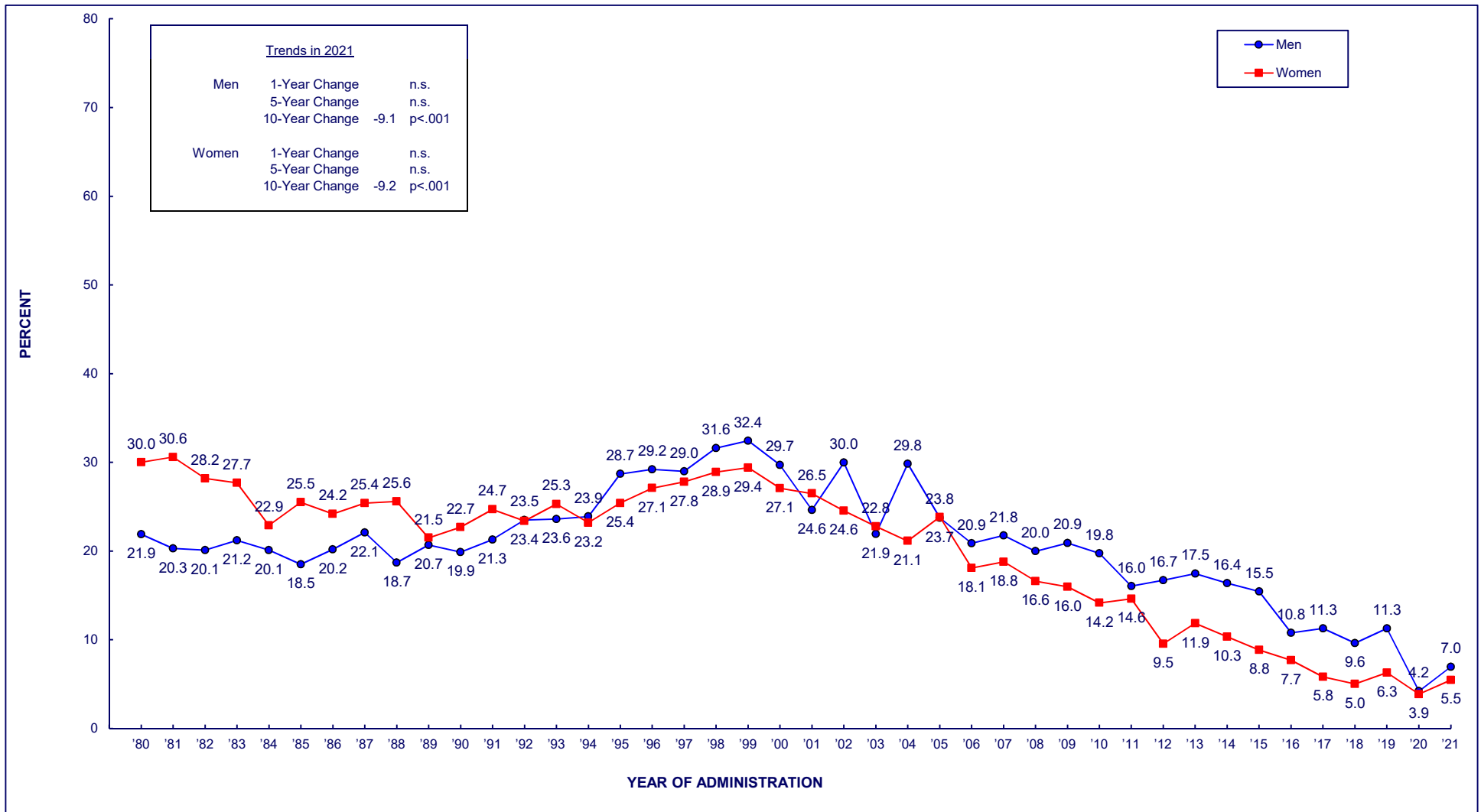


FIGURE 58
VAPING NICOTINE

Trends in 30-Day Prevalence among College Students vs. Noncollege Youth 1 to 4 Years beyond High School

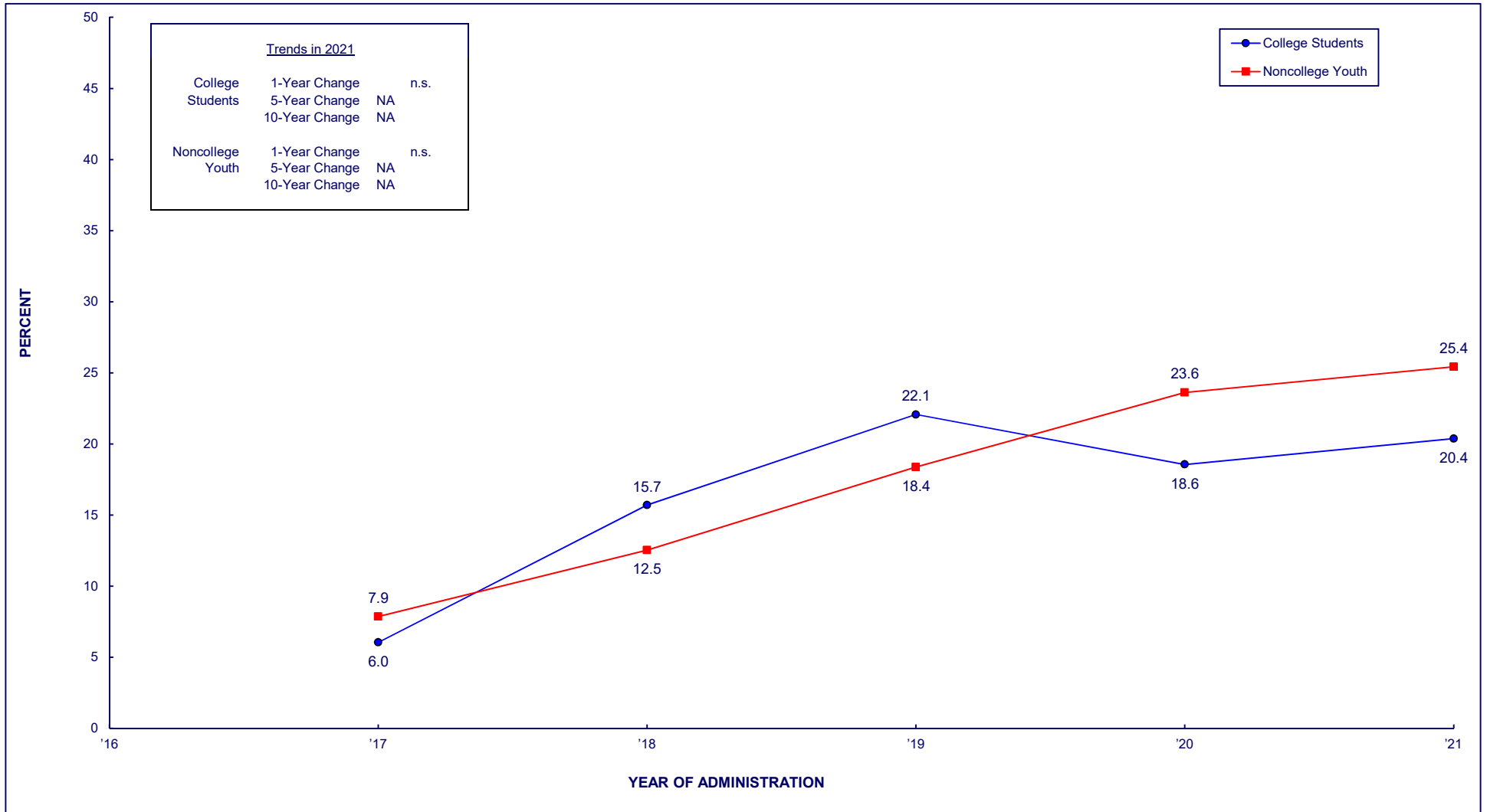


FIGURE 59
VAPING NICOTINE
Trends in 30-Day Prevalence
among College Students 1 to 4 Years beyond High School, by Sex

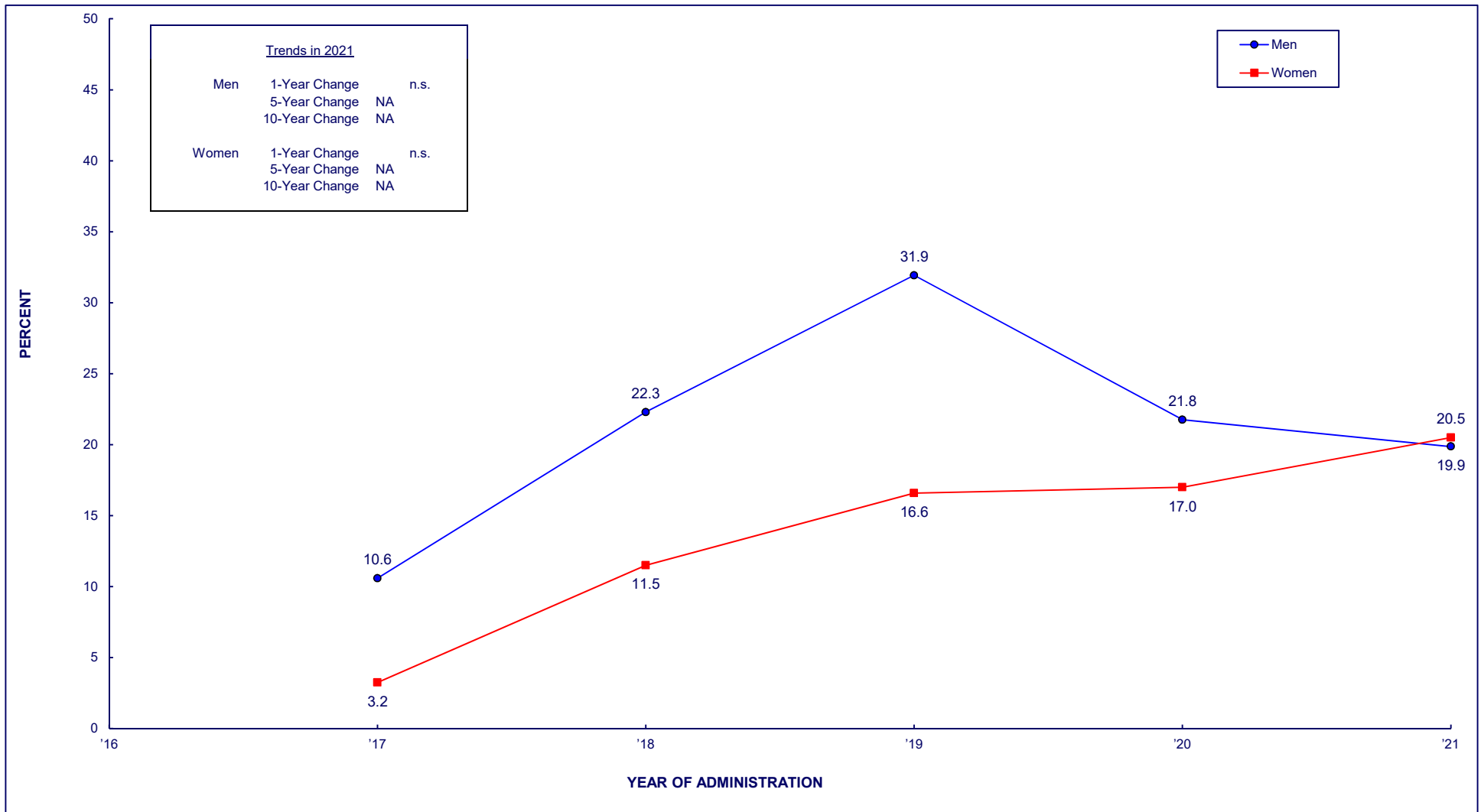


FIGURE 60
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence among College Students vs.
Noncollege Youth 1 to 4 Years beyond High School

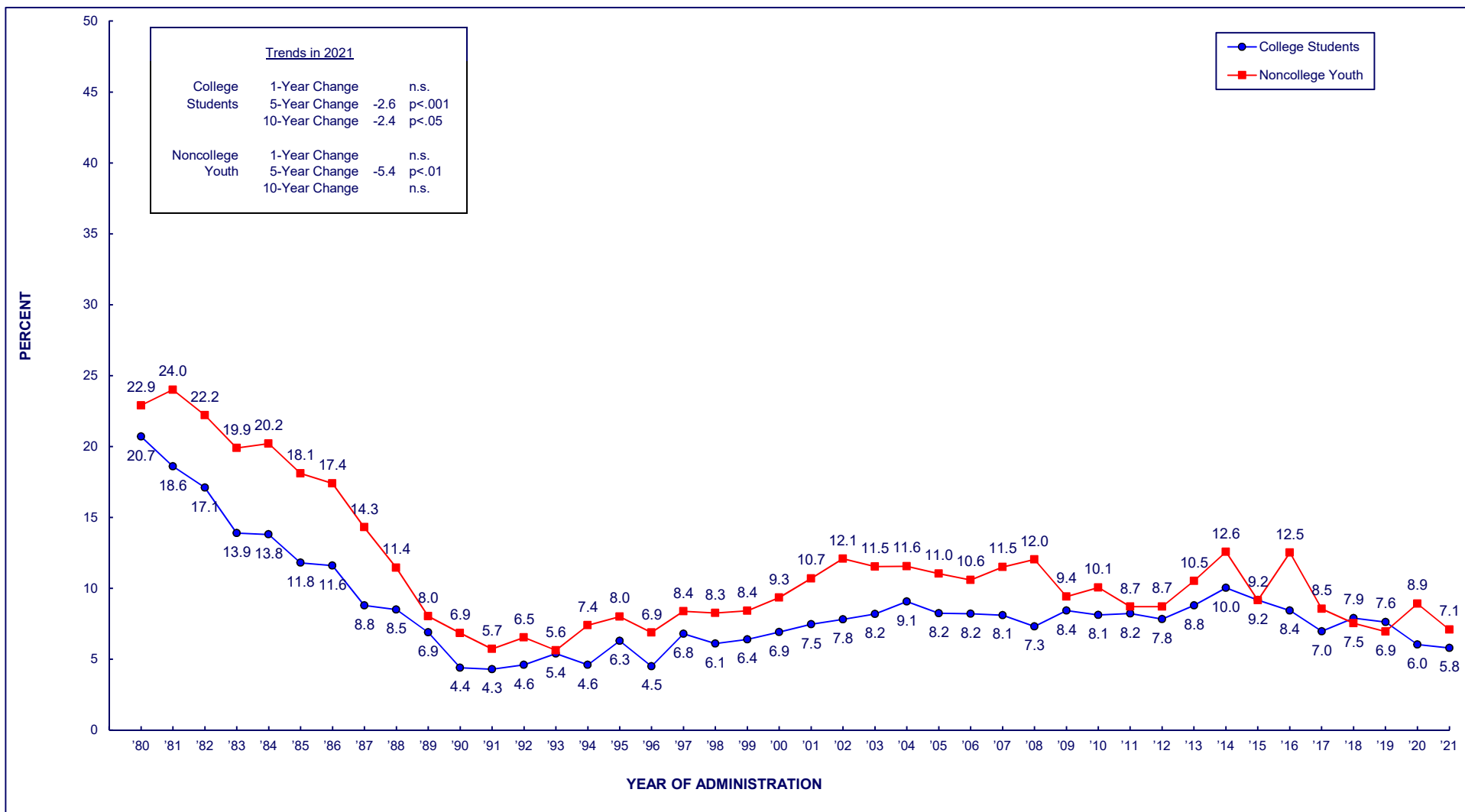


FIGURE 61
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence
among College Students 1 to 4 Years beyond High School, by Sex

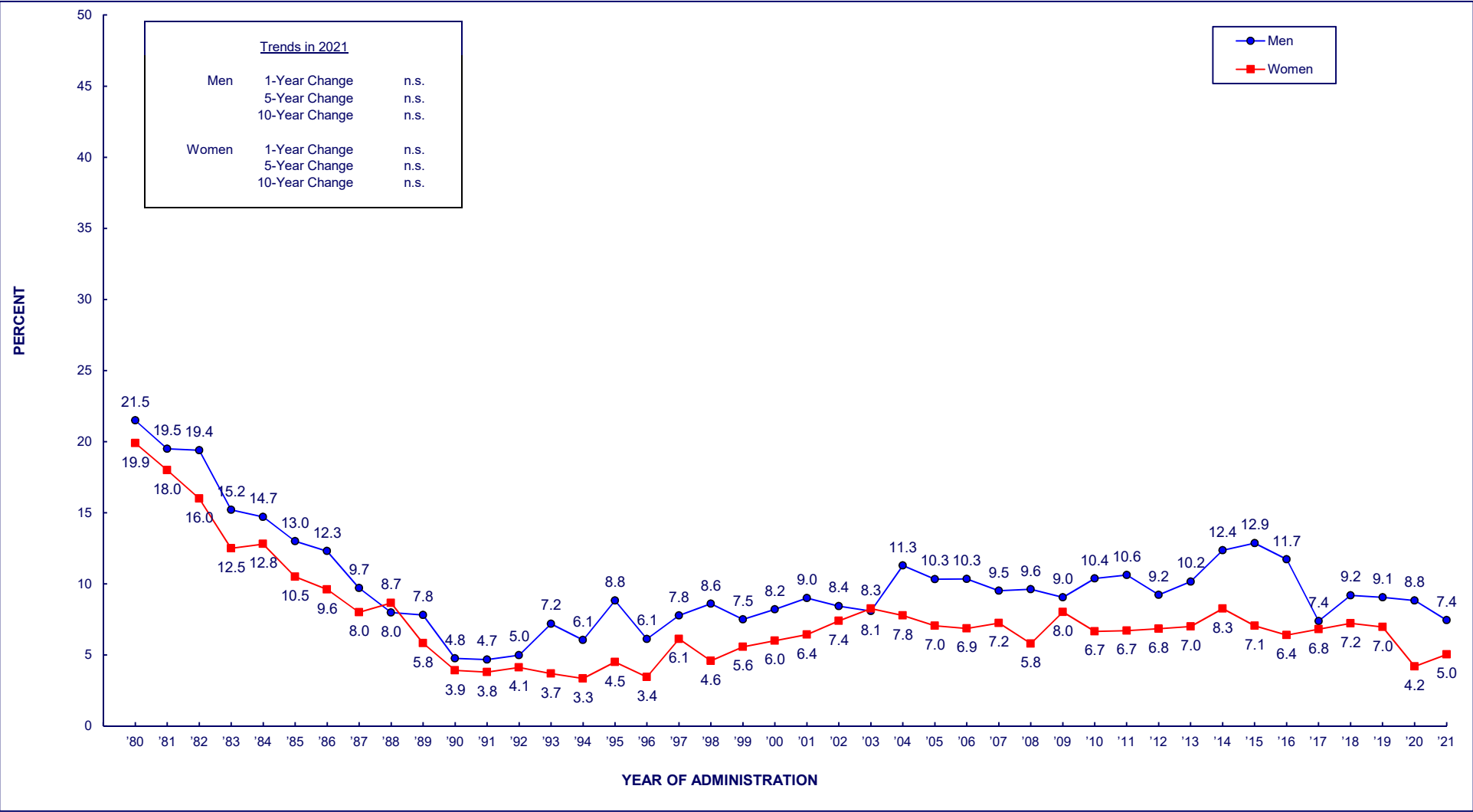
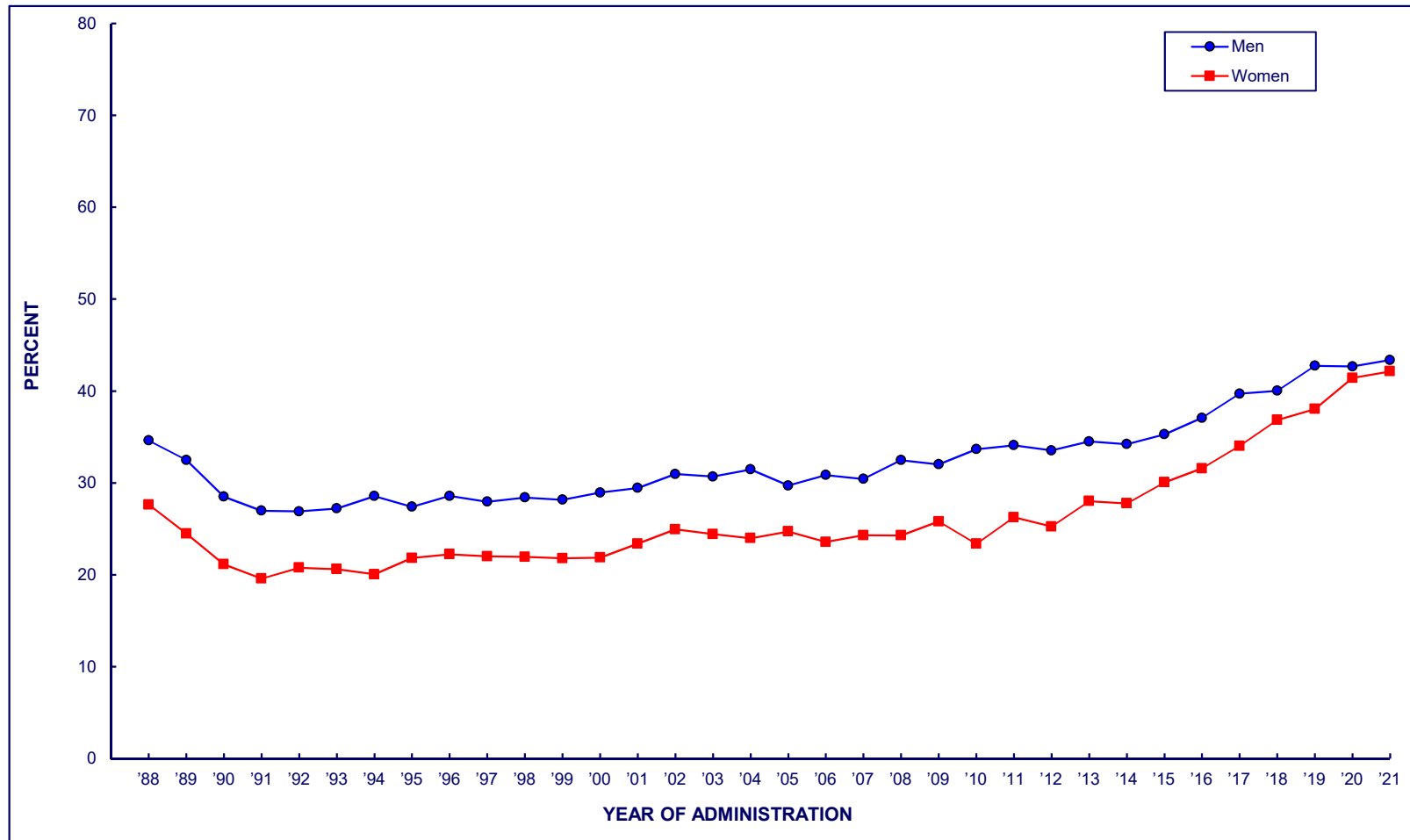
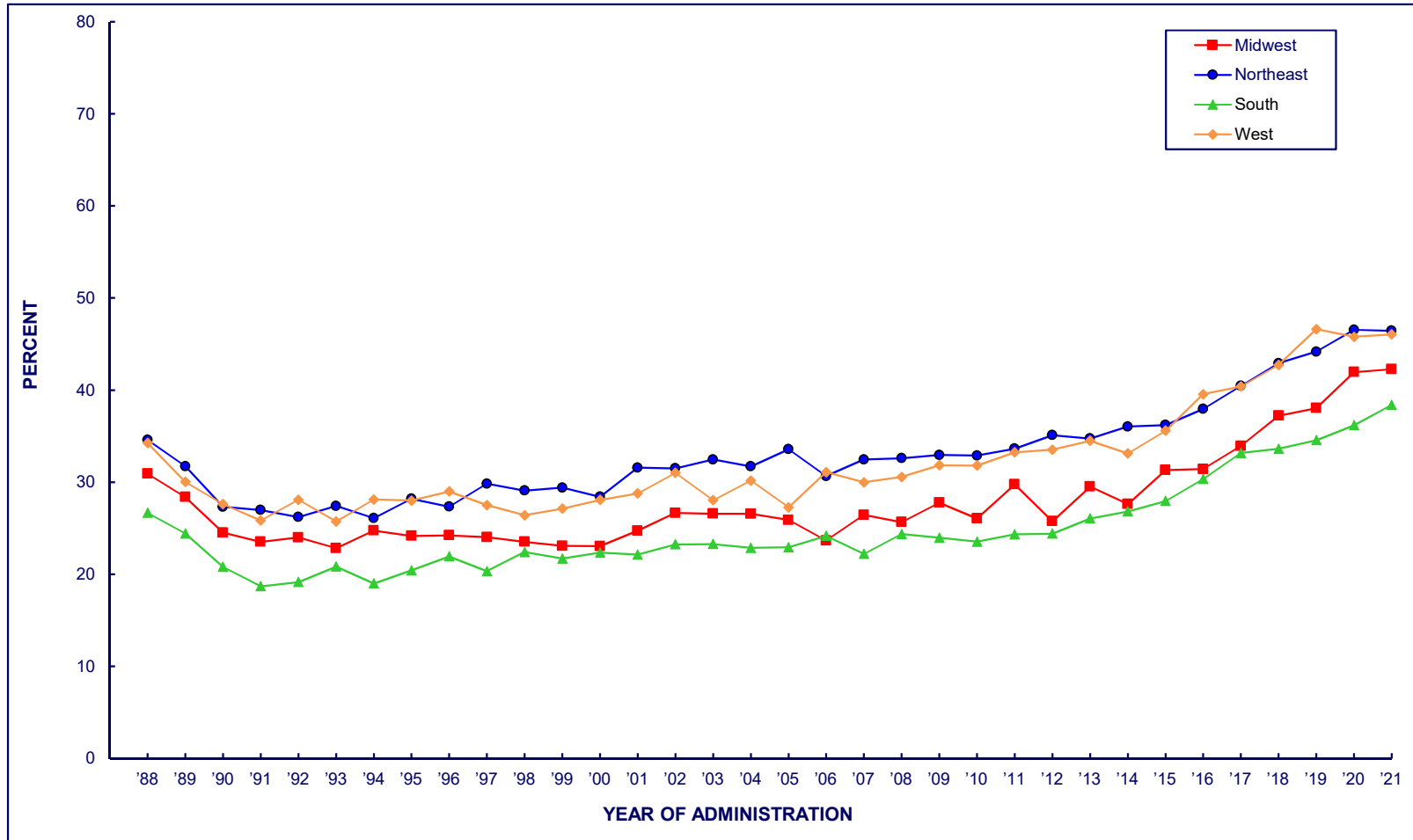


FIGURE 62
MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30, by Sex



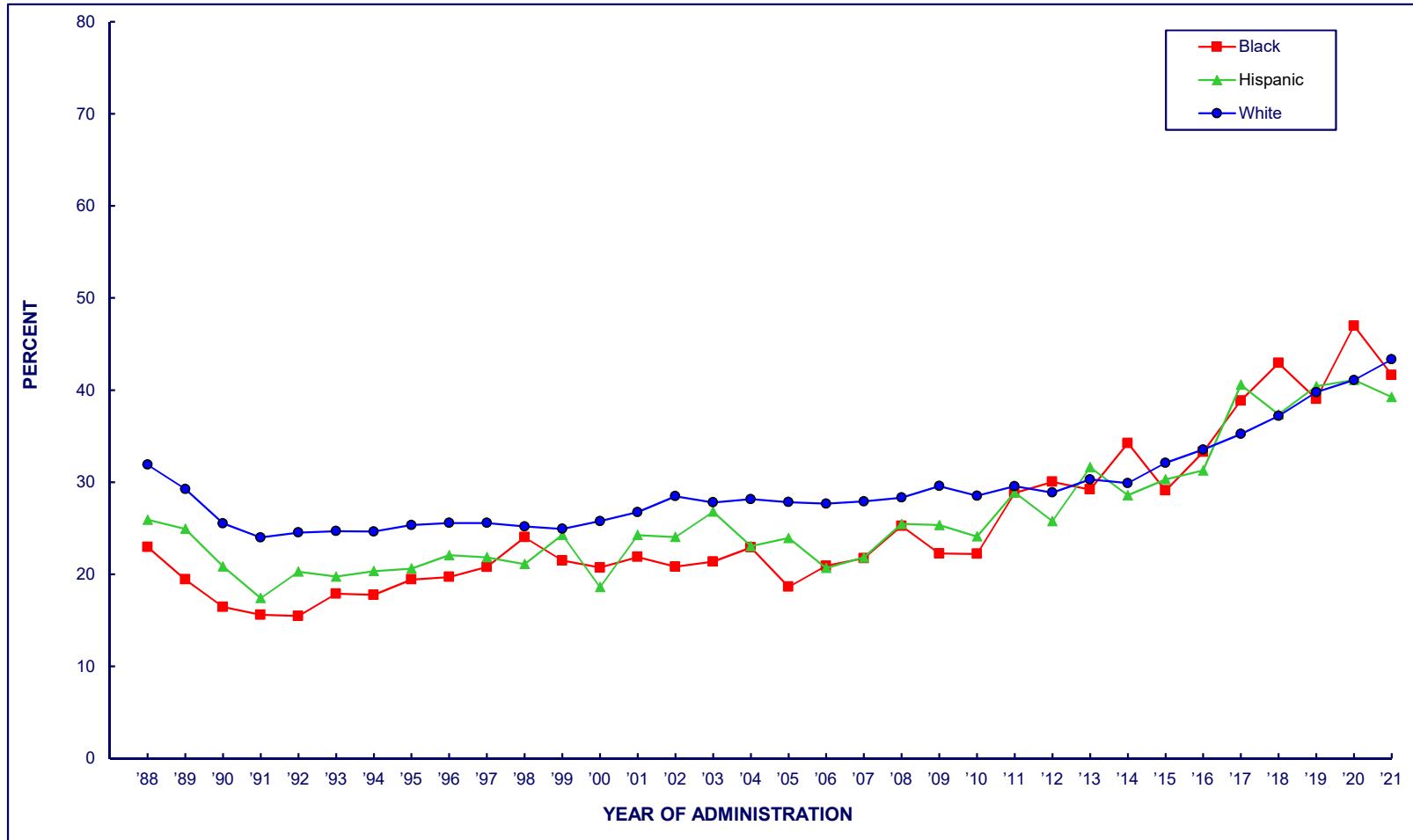
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	34.6	32.5	28.5	27.0	26.9	27.2	28.6	27.4	28.6	27.9	28.4	28.2	28.9	29.5	31.0	30.7	31.5	29.7	30.9	30.4	32.5	32.0	33.7	34.1	33.5	34.5	34.2	35.3	37.1	39.7	40.0	42.7	42.7	43.4	n.s.
Women	27.6	24.5	21.1	19.6	20.8	20.6	20.0	21.8	22.2	22.0	21.9	21.8	21.9	23.4	24.9	24.4	24.0	24.7	23.6	24.3	24.3	25.8	23.4	26.3	25.2	28.0	27.8	30.1	31.6	34.0	36.8	38.0	41.4	42.1	n.s.

FIGURE 63
MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30, by Geographic Region



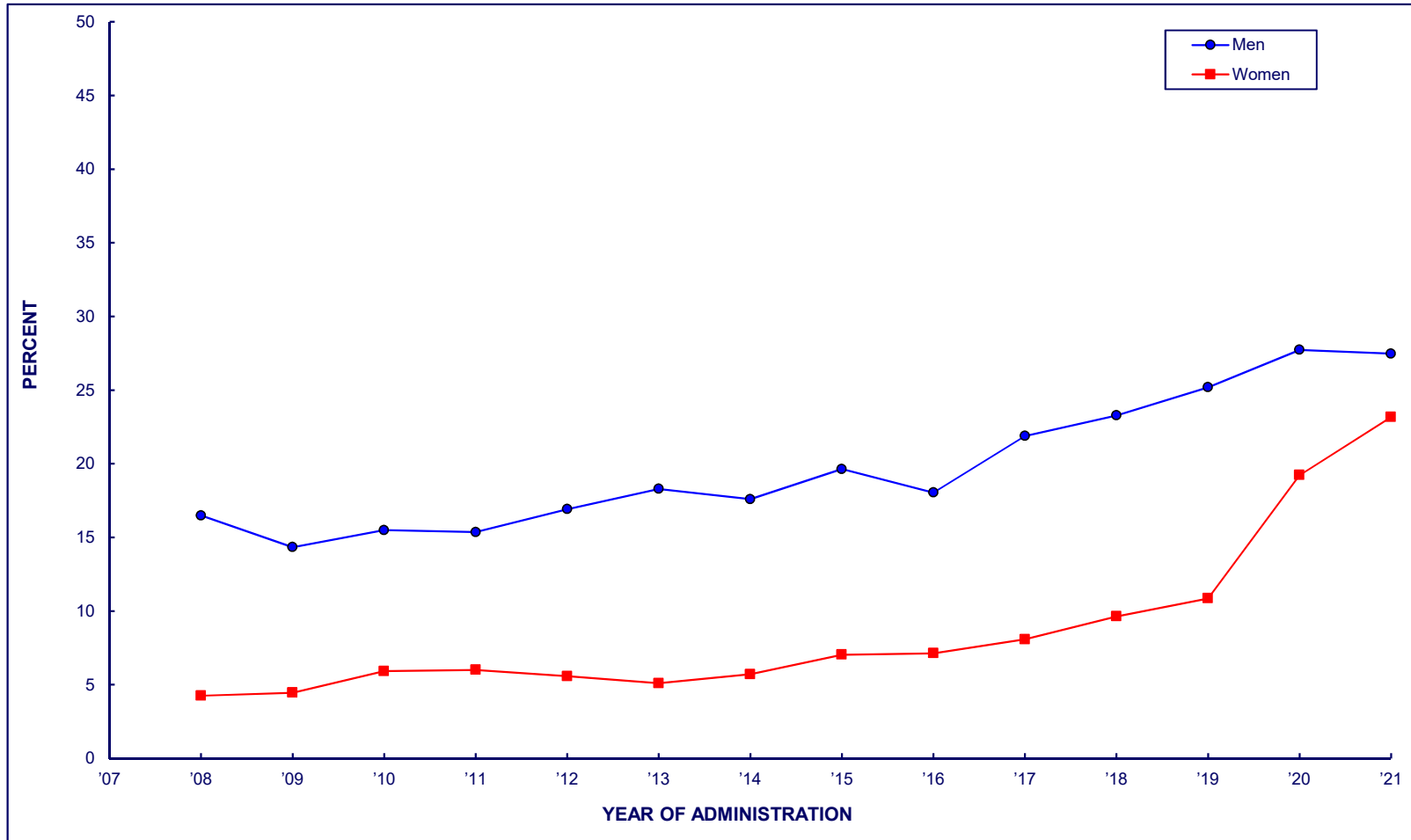
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	34.6	31.7	27.3	27.0	26.2	27.4	26.1	28.2	27.3	29.8	29.1	29.4	28.4	31.6	31.5	32.5	31.7	33.6	30.7	32.5	32.6	32.9	32.9	33.6	35.1	34.7	36.0	36.2	37.9	40.4	42.9	44.2	46.5	46.4	n.s.
Midwest	30.9	28.4	24.5	23.5	24.0	22.8	24.7	24.2	24.2	24.0	23.5	23.1	23.0	24.7	26.6	26.6	26.6	25.9	23.7	26.4	25.7	27.8	26.1	29.8	25.7	29.5	27.6	31.3	31.4	33.9	37.2	38.0	41.9	42.3	n.s.
South	26.7	24.4	20.8	18.7	19.1	20.8	19.0	20.4	21.9	20.3	22.4	21.7	22.3	22.1	23.2	23.3	22.9	22.9	24.2	22.2	24.4	24.0	23.5	24.3	24.4	26.1	26.8	28.0	30.3	33.2	33.6	34.6	36.2	38.4	n.s.
West	34.2	30.0	27.6	25.8	28.1	25.7	28.1	28.0	29.0	27.5	26.4	27.1	28.1	28.8	31.0	28.0	30.2	27.3	31.1	30.0	30.6	31.8	31.8	33.2	33.5	34.5	33.1	35.6	39.5	40.4	42.7	46.6	45.8	46.1	n.s.

FIGURE 64
MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30, by Race/Ethnicity



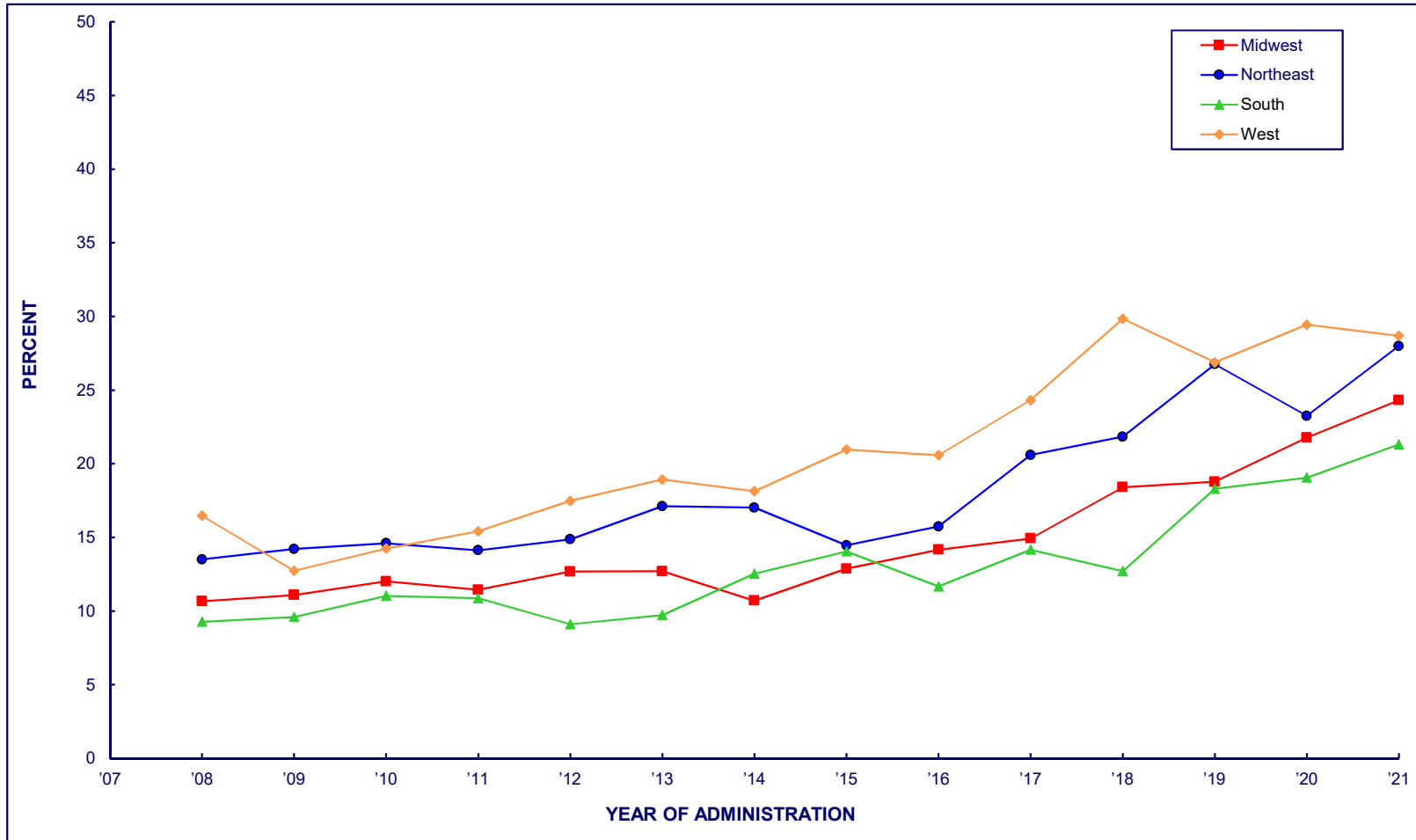
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	31.9	29.2	25.5	24.0	24.5	24.7	24.6	25.3	25.6	25.6	25.2	24.9	25.8	26.7	28.5	27.8	28.1	27.8	27.7	27.9	28.3	29.6	28.5	29.6	28.9	30.3	29.9	32.1	33.5	35.2	37.2	39.8	41.1	43.3	n.s.
Black	22.9	19.4	16.4	15.6	15.5	17.9	17.8	19.4	19.7	20.8	24.0	21.5	20.7	21.9	20.8	21.4	22.9	18.6	20.9	21.7	25.2	22.3	22.2	28.8	30.0	29.2	34.2	29.1	33.3	38.8	42.9	39.0	47.0	41.6	n.s.
Hispanic	25.9	24.9	20.8	17.4	20.3	19.7	20.3	20.6	22.1	21.8	21.1	24.3	18.6	24.2	24.0	26.8	23.0	23.9	20.7	21.8	25.5	25.3	24.1	28.9	25.8	31.6	28.6	30.3	31.3	40.6	37.4	40.4	41.1	39.2	n.s.

FIGURE 65
MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 35 through 50, by Sex



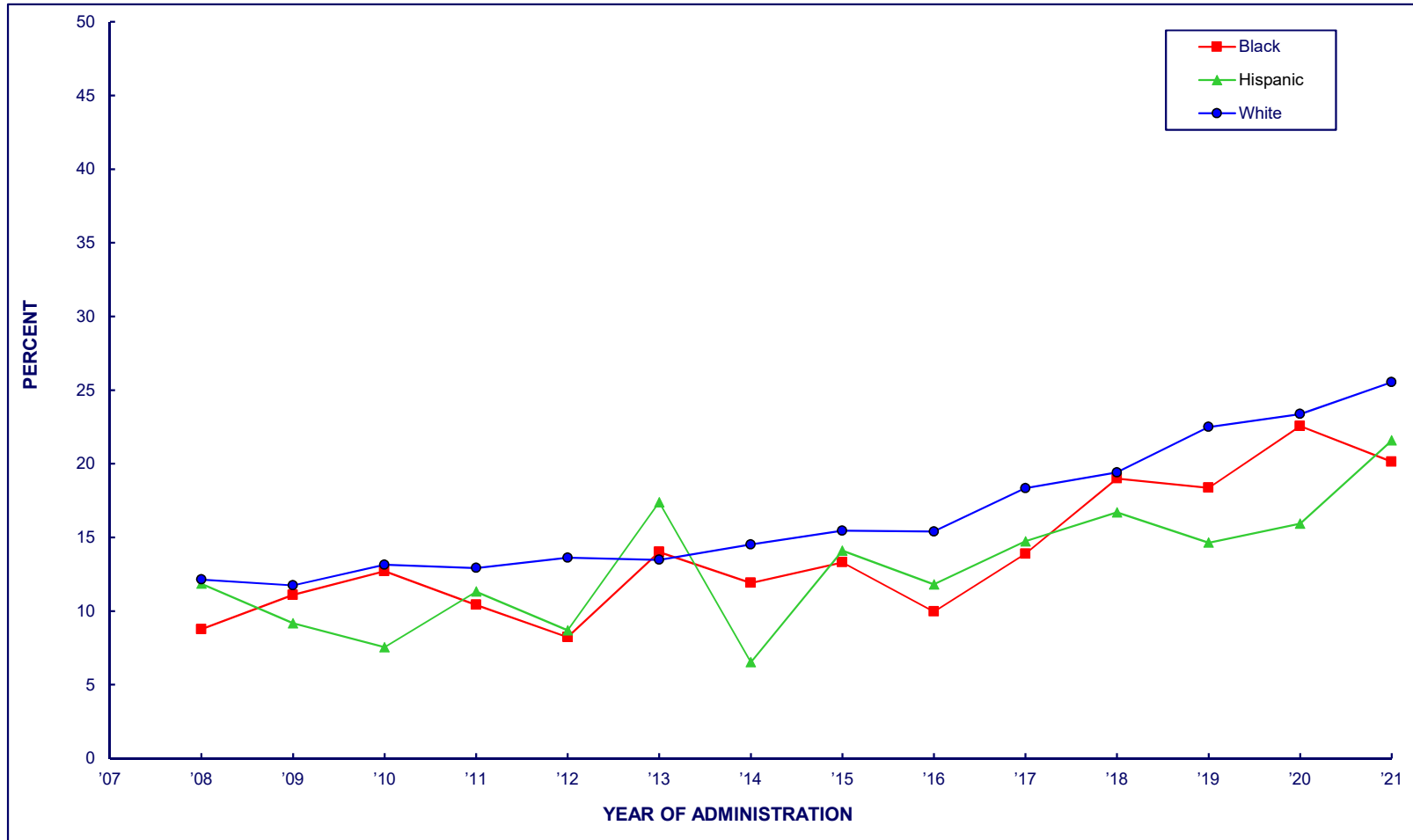
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	16.5	14.3	15.5	15.4	16.9	18.3	17.6	19.6	18.0	21.9	23.3	25.2	27.7	27.5	n.s.
Women	4.3	4.5	5.9	6.0	5.6	5.1	5.7	7.0	7.1	8.1	9.6	10.9	19.2	23.2	+4.0 p<.01

FIGURE 66
MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 35 through 50, by Geographic Region



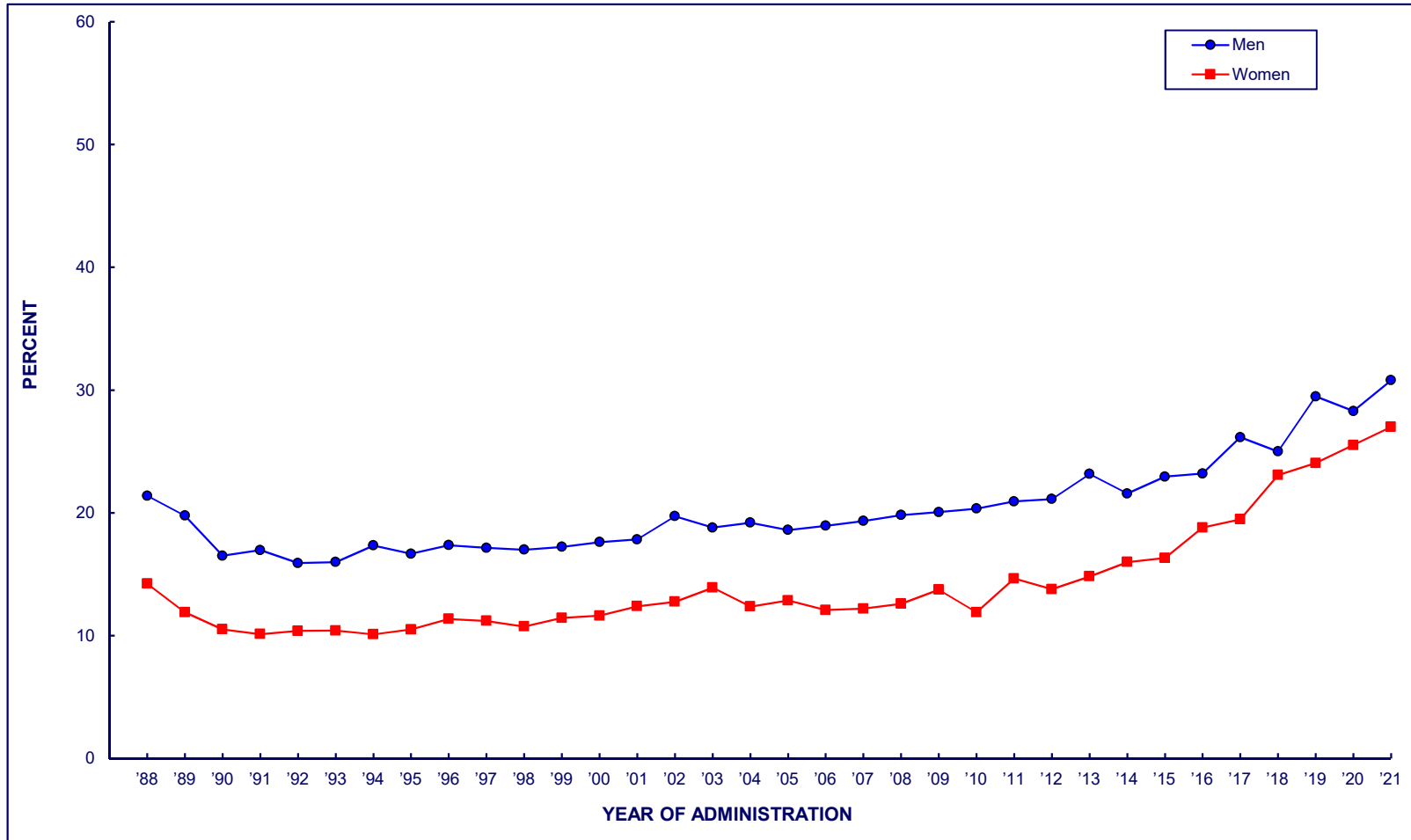
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	13.5	14.2	14.6	14.1	14.9	17.1	17.0	14.5	15.7	20.6	21.8	26.8	23.2	28.0	n.s.
Midwest	10.7	11.1	12.0	11.4	12.7	12.7	10.7	12.9	14.2	14.9	18.4	18.8	21.8	24.3	n.s.
South	9.3	9.6	11.0	10.9	9.1	9.7	12.5	14.1	11.7	14.2	12.7	18.3	19.1	21.3	n.s.
West	16.5	12.7	14.2	15.4	17.5	18.9	18.1	21.0	20.6	24.3	29.8	26.9	29.4	28.7	n.s.

FIGURE 67
MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 35 through 50, by Race/Ethnicity



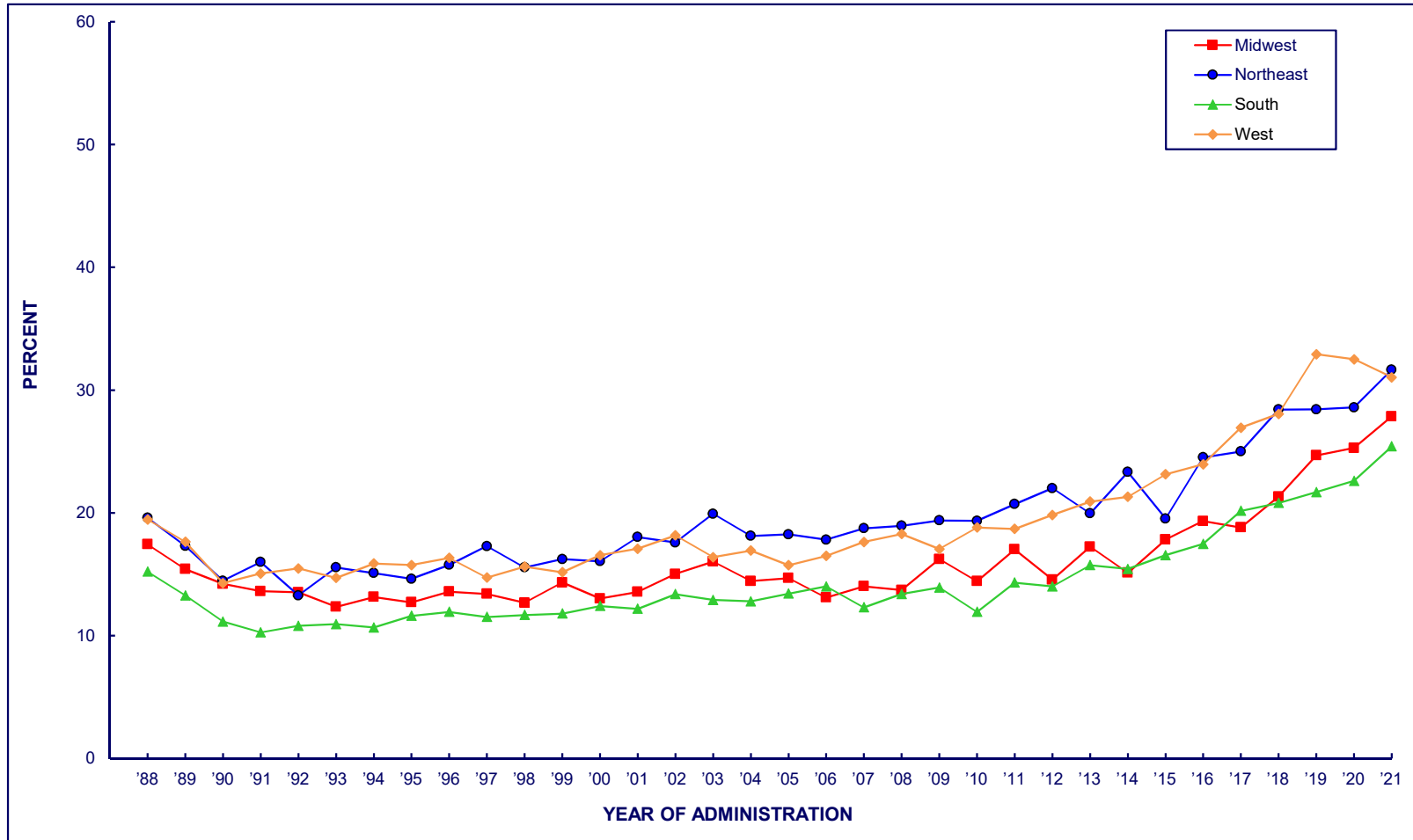
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	12.1	11.7	13.1	12.9	13.6	13.5	14.5	15.5	15.4	18.3	19.4	22.5	23.4	25.5	n.s.
Black	8.8	11.1	12.7	10.4	8.2	14.0	11.9	13.3	10.0	13.9	19.0	18.4	22.6	20.1	n.s.
Hispanic	11.8	9.2	7.5	11.3	8.7	17.4	6.5	14.1	11.8	14.7	16.7	14.6	15.9	21.6	n.s.

FIGURE 68
MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Sex



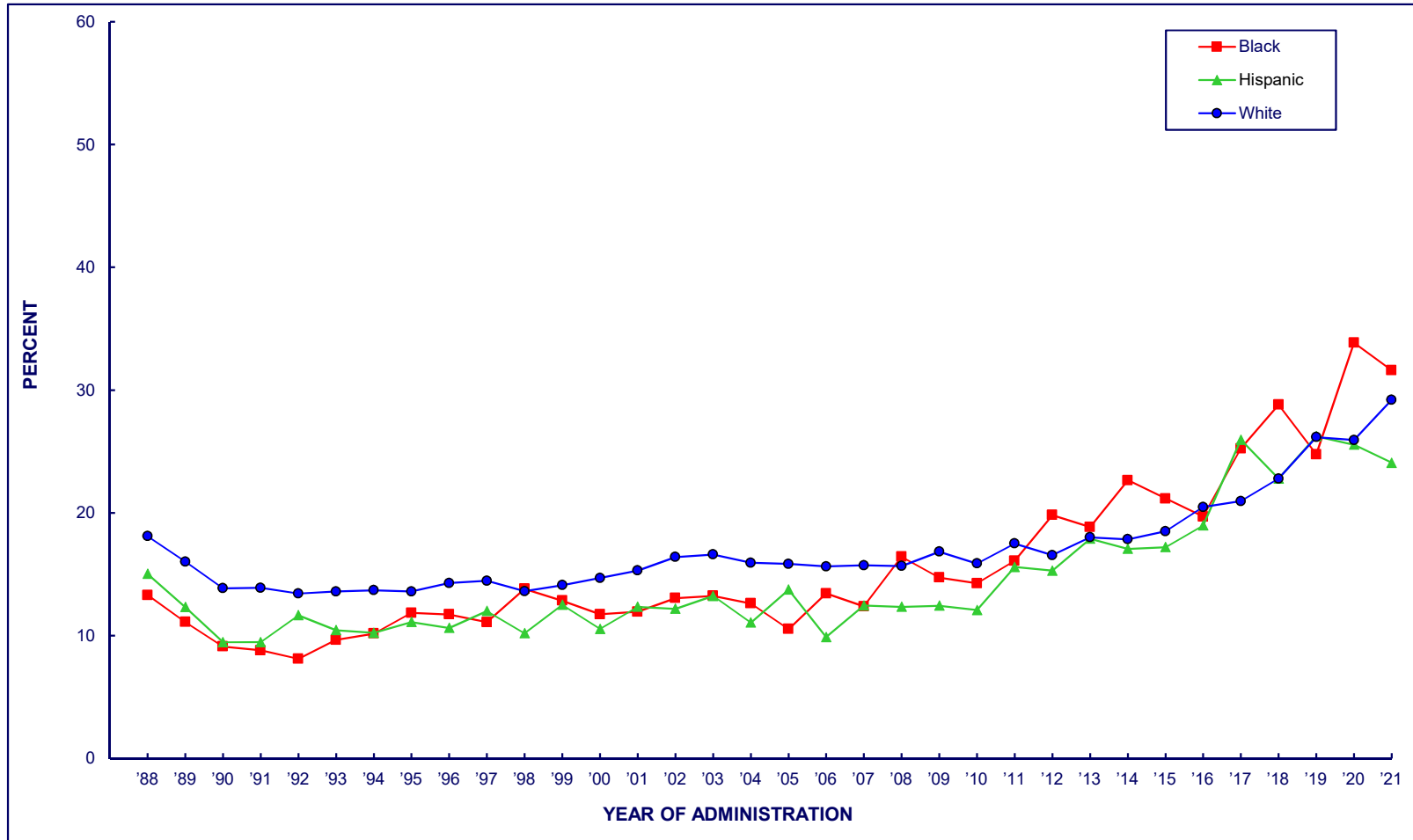
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	21.4	19.8	16.5	17.0	15.9	16.0	17.3	16.7	17.4	17.1	17.0	17.2	17.6	17.8	19.7	18.8	19.2	18.6	18.9	19.3	19.8	20.1	20.3	20.9	21.1	23.2	21.6	23.0	23.2	26.2	25.0	29.5	28.3	30.8	n.s.
Women	14.2	11.9	10.5	10.1	10.4	10.4	10.1	10.5	11.4	11.2	10.7	11.4	11.6	12.4	12.7	13.9	12.4	12.9	12.1	12.2	12.6	13.7	11.9	14.7	13.8	14.8	16.0	16.3	18.8	19.5	23.1	24.1	25.5	27.0	n.s.

FIGURE 69
MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Geographic Region



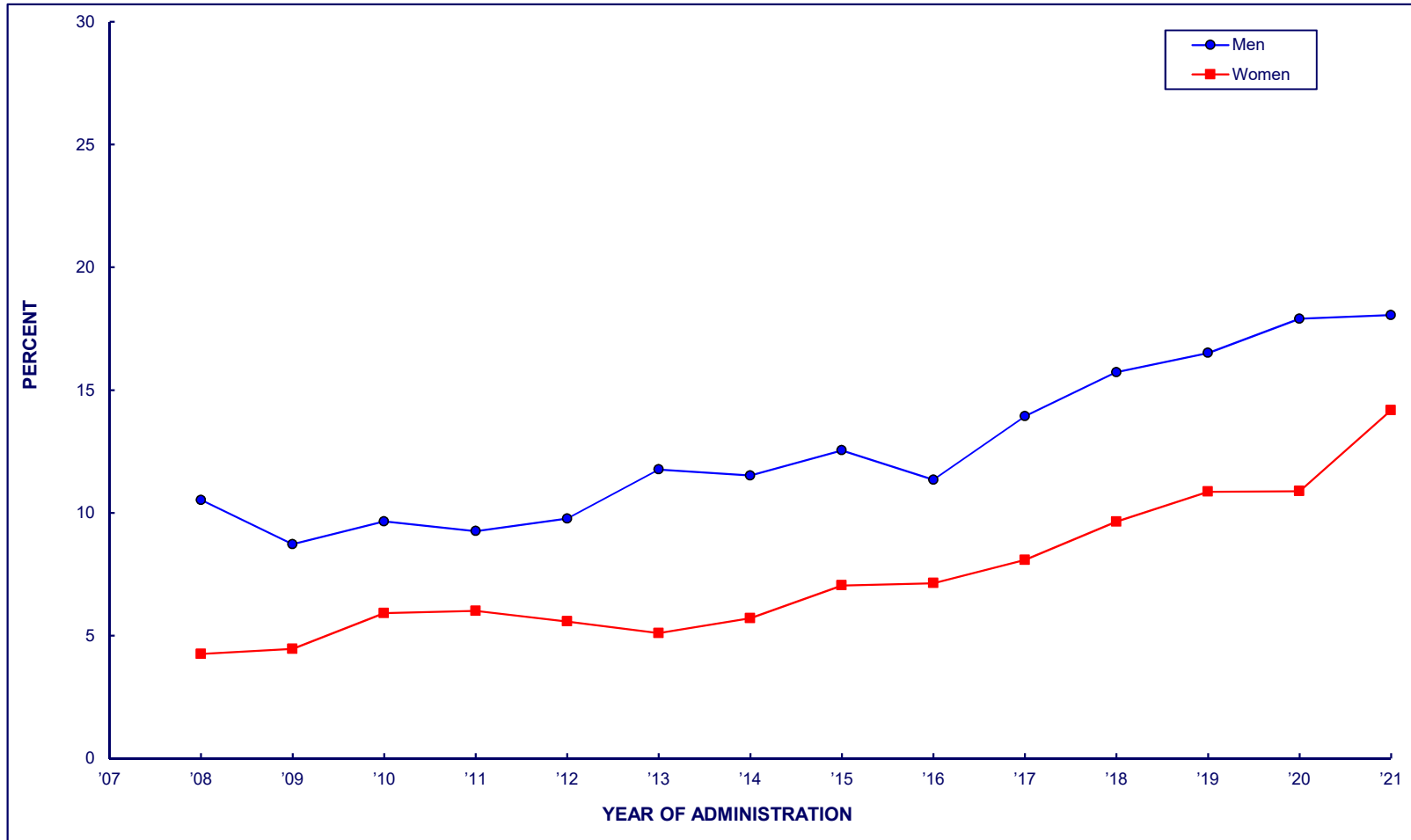
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	19.6	17.3	14.5	16.0	13.3	15.6	15.1	14.6	15.8	17.3	15.6	16.2	16.1	18.0	17.6	19.9	18.1	18.2	17.8	18.7	18.9	19.4	19.3	20.7	22.0	20.0	23.3	19.5	24.5	25.0	28.4	28.4	28.6	31.7	n.s.
Midwest	17.4	15.4	14.2	13.6	13.5	12.3	13.2	12.7	13.6	13.4	12.7	14.3	13.0	13.6	15.0	16.0	14.4	14.7	13.1	14.0	13.7	16.2	14.4	17.0	14.6	17.2	15.1	17.8	19.3	18.8	21.3	24.7	25.3	27.8	n.s.
South	15.2	13.3	11.1	10.3	10.8	10.9	10.7	11.6	11.9	11.5	11.7	11.8	12.4	12.2	13.4	12.9	12.8	13.4	14.0	12.3	13.4	13.9	11.9	14.3	14.0	15.7	15.4	16.5	17.5	20.2	20.8	21.7	22.6	25.4	n.s.
West	19.5	17.6	14.3	15.1	15.5	14.7	15.9	15.7	16.3	14.7	15.6	15.2	16.5	17.1	18.2	16.4	16.9	15.7	16.5	17.6	18.3	17.1	18.8	18.7	19.8	20.9	21.3	23.1	24.0	26.9	28.1	32.9	32.5	31.0	n.s.

FIGURE 70
MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Race/Ethnicity



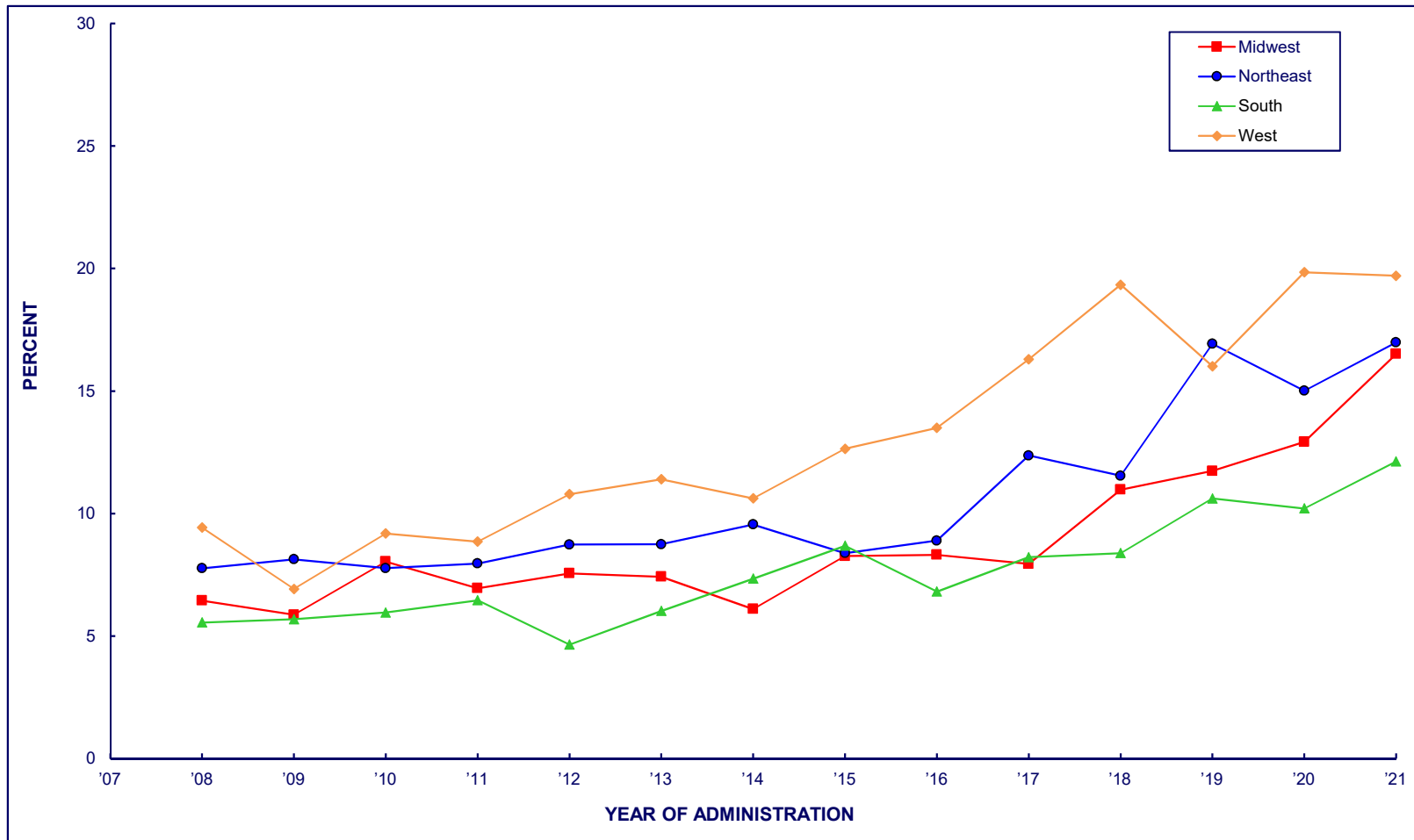
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change	
White	18.1	16.0	13.9	13.9	13.4	13.6	13.7	13.6	14.3	14.5	13.6	14.1	14.7	15.3	16.4	16.6	15.9	15.8	15.6	15.7	15.7	16.8	15.9	17.5	16.5	18.0	17.9	18.5	20.5	20.9	22.8	26.2	25.9	29.2	+2.3	p<.05
Black	13.3	11.1	9.1	8.8	8.1	9.6	10.2	11.9	11.7	11.1	13.8	12.8	11.7	11.9	13.0	13.2	12.6	10.5	13.4	12.4	16.4	14.7	14.3	16.1	19.8	18.8	22.7	21.2	19.7	25.2	28.8	24.8	33.9	31.6	n.s.	
Hispanic	15.0	12.3	9.5	9.5	11.7	10.4	10.2	11.1	10.6	12.0	10.2	12.5	10.5	12.3	12.2	13.2	11.1	13.7	9.9	12.4	12.3	12.4	12.1	15.6	15.3	17.9	17.1	17.2	19.0	25.9	22.8	26.2	25.6	24.1	n.s.	

FIGURE 71
MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Sex



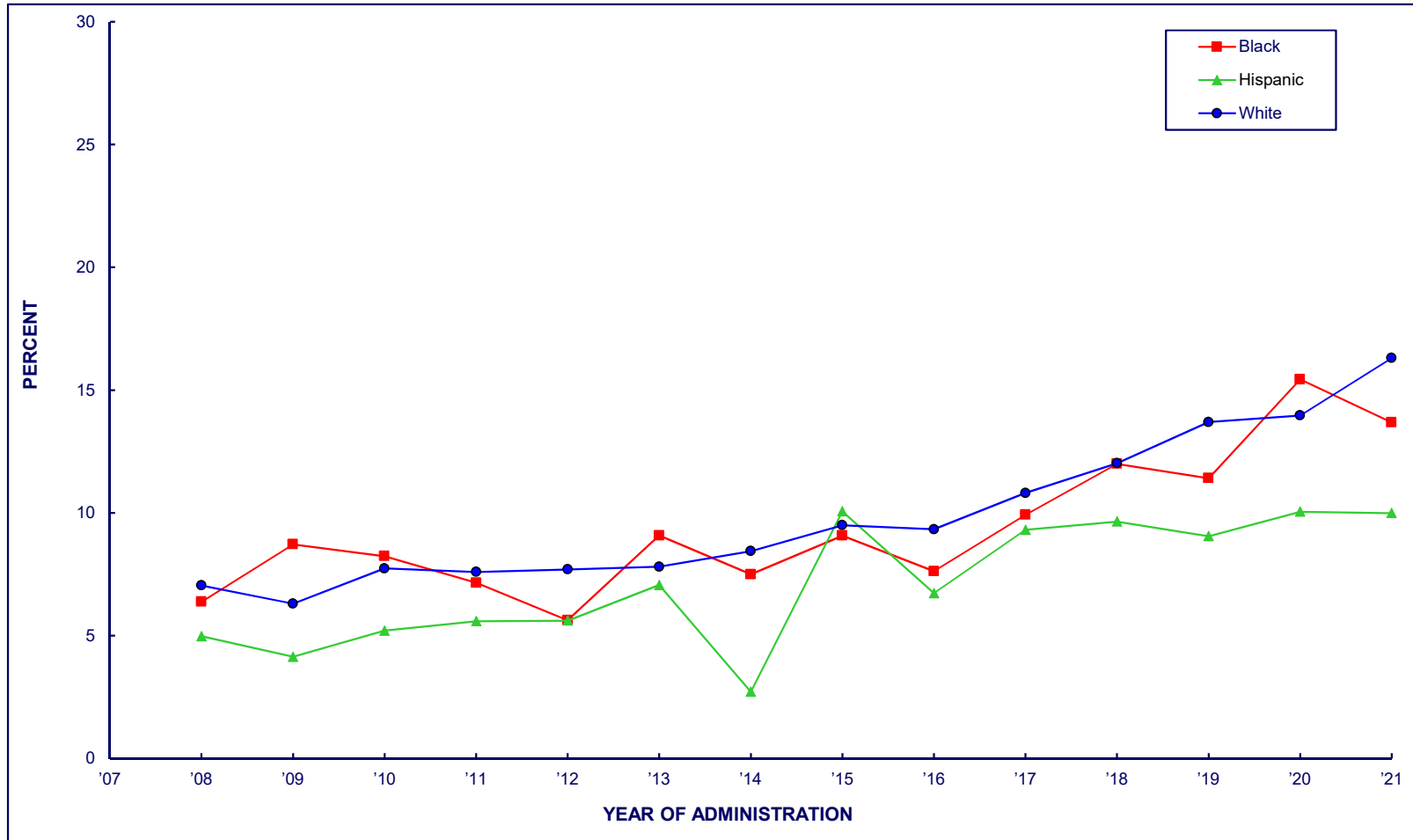
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	10.5	8.7	9.7	9.3	9.8	11.8	11.5	12.5	11.3	13.9	15.7	16.5	17.9	18.1	n.s.
Women	4.3	4.5	5.9	6.0	5.6	5.1	5.7	7.0	7.1	8.1	9.6	10.9	10.9	14.2	+3.3 p<.01

FIGURE 72
MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Geographic Region



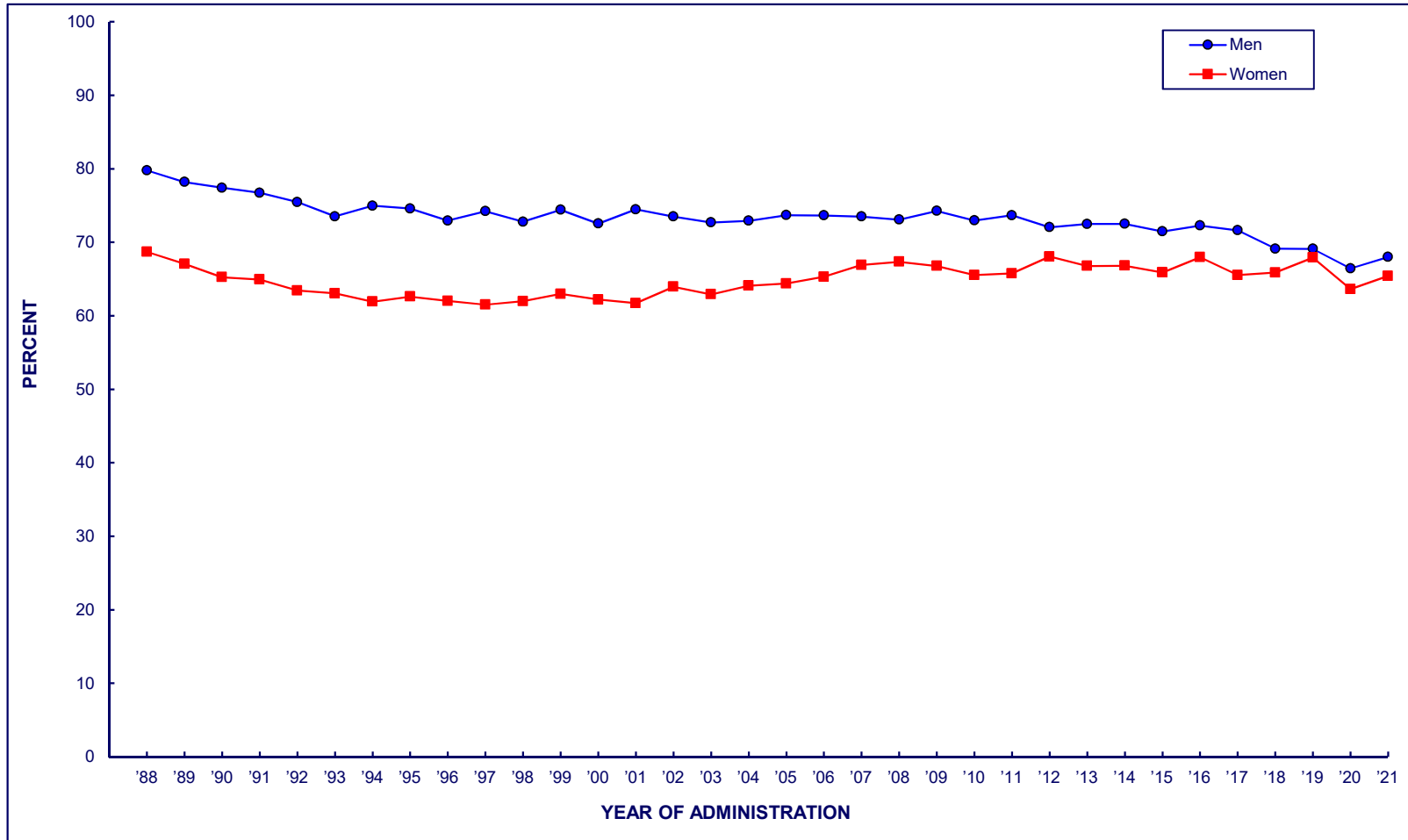
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	7.8	8.1	7.8	8.0	8.7	8.7	9.6	8.4	8.9	12.4	11.5	16.9	15.0	17.0	n.s.
Midwest	6.4	5.9	8.0	7.0	7.6	7.4	6.1	8.3	8.3	7.9	11.0	11.7	12.9	16.5	+3.6 p<.05
South	5.6	5.7	6.0	6.5	4.7	6.0	7.3	8.7	6.8	8.2	8.4	10.6	10.2	12.1	n.s.
West	9.4	6.9	9.2	8.9	10.8	11.4	10.6	12.6	13.5	16.3	19.3	16.0	19.8	19.7	n.s.

FIGURE 73
MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Race/Ethnicity



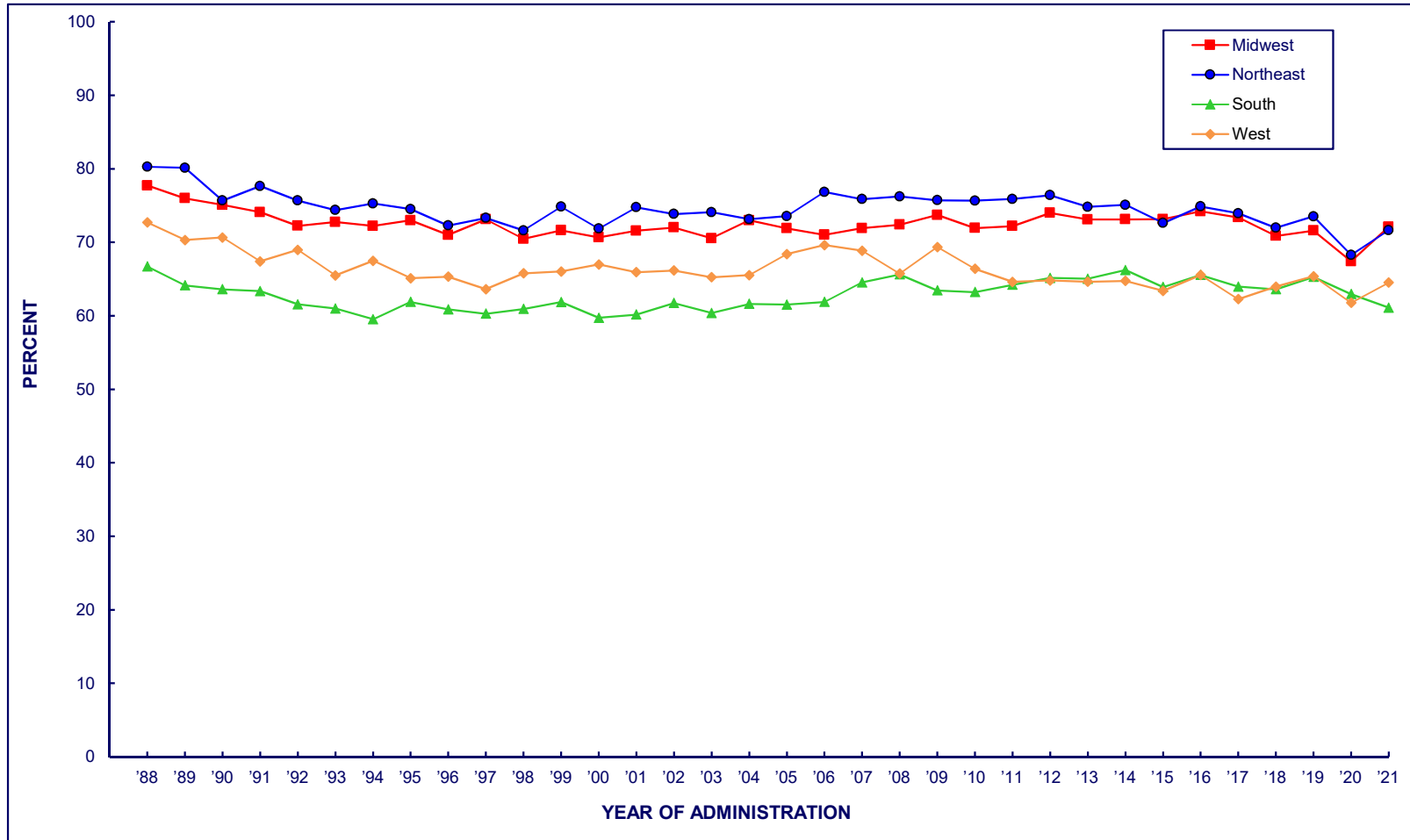
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	7.0	6.3	7.7	7.6	7.7	7.8	8.4	9.5	9.3	10.8	12.0	13.7	14.0	16.3	+2.3 p<.05
Black	6.4	8.7	8.2	7.2	5.6	9.1	7.5	9.1	7.6	9.9	12.0	11.4	15.4	13.7	n.s.
Hispanic	5.0	4.1	5.2	5.6	5.6	7.1	2.7	10.1	6.7	9.3	9.6	9.0	10.0	10.0	n.s.

FIGURE 74
ALCOHOL
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Sex



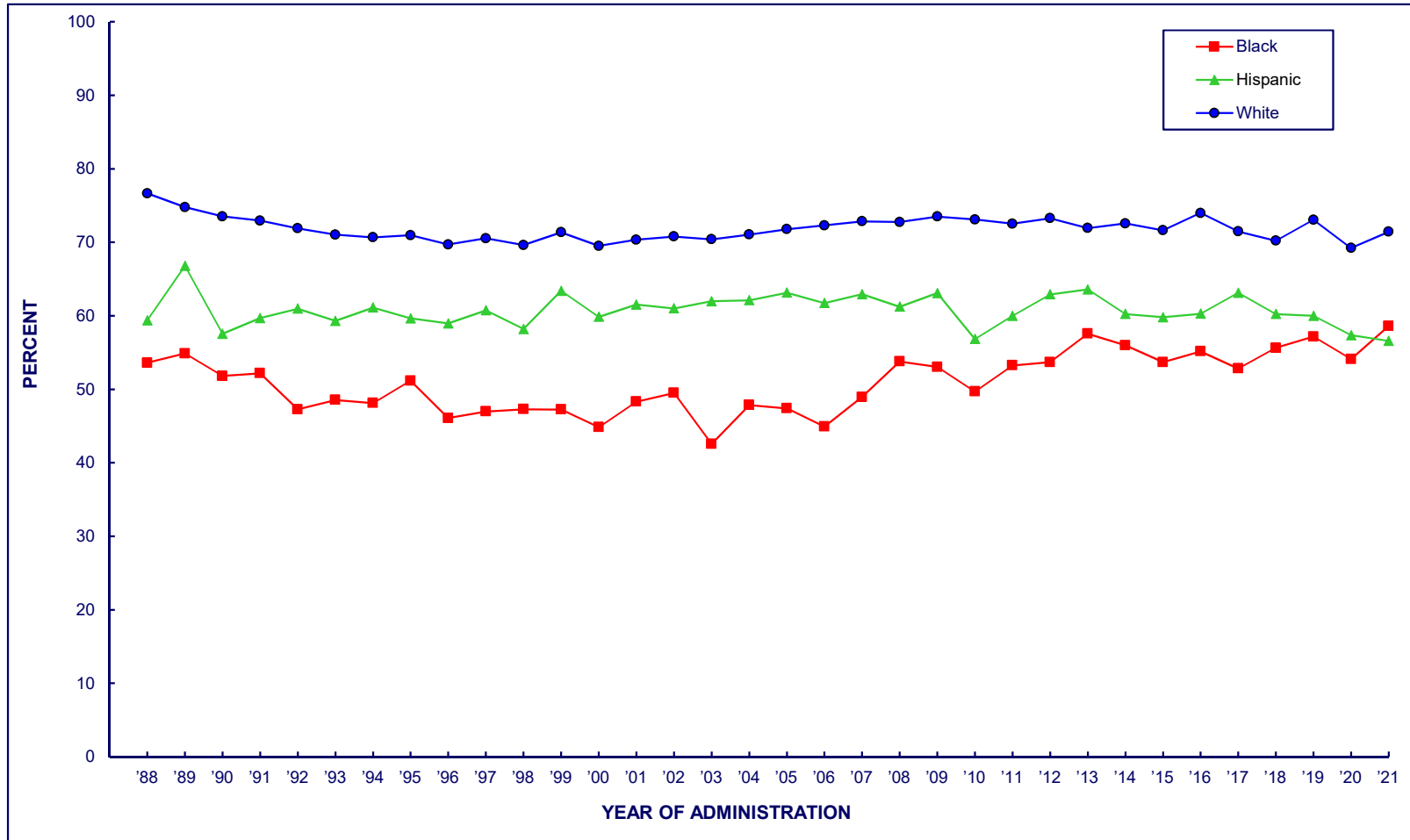
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	79.8	78.2	77.4	76.7	75.5	73.5	75.0	74.6	72.9	74.2	72.8	74.4	72.5	74.5	73.5	72.7	72.9	73.7	73.7	73.5	73.1	74.3	73.0	73.7	72.0	72.5	72.5	71.5	72.3	71.6	69.1	69.1	66.4	68.0	n.s.
Women	68.7	67.1	65.2	64.9	63.4	63.0	61.9	62.6	62.0	61.5	62.0	63.0	62.2	61.7	63.9	62.9	64.1	64.4	65.3	66.9	67.3	66.8	65.5	65.8	68.1	66.8	66.8	65.9	68.0	65.5	65.9	67.9	63.6	65.4	n.s.

FIGURE 75
ALCOHOL
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Geographic Region



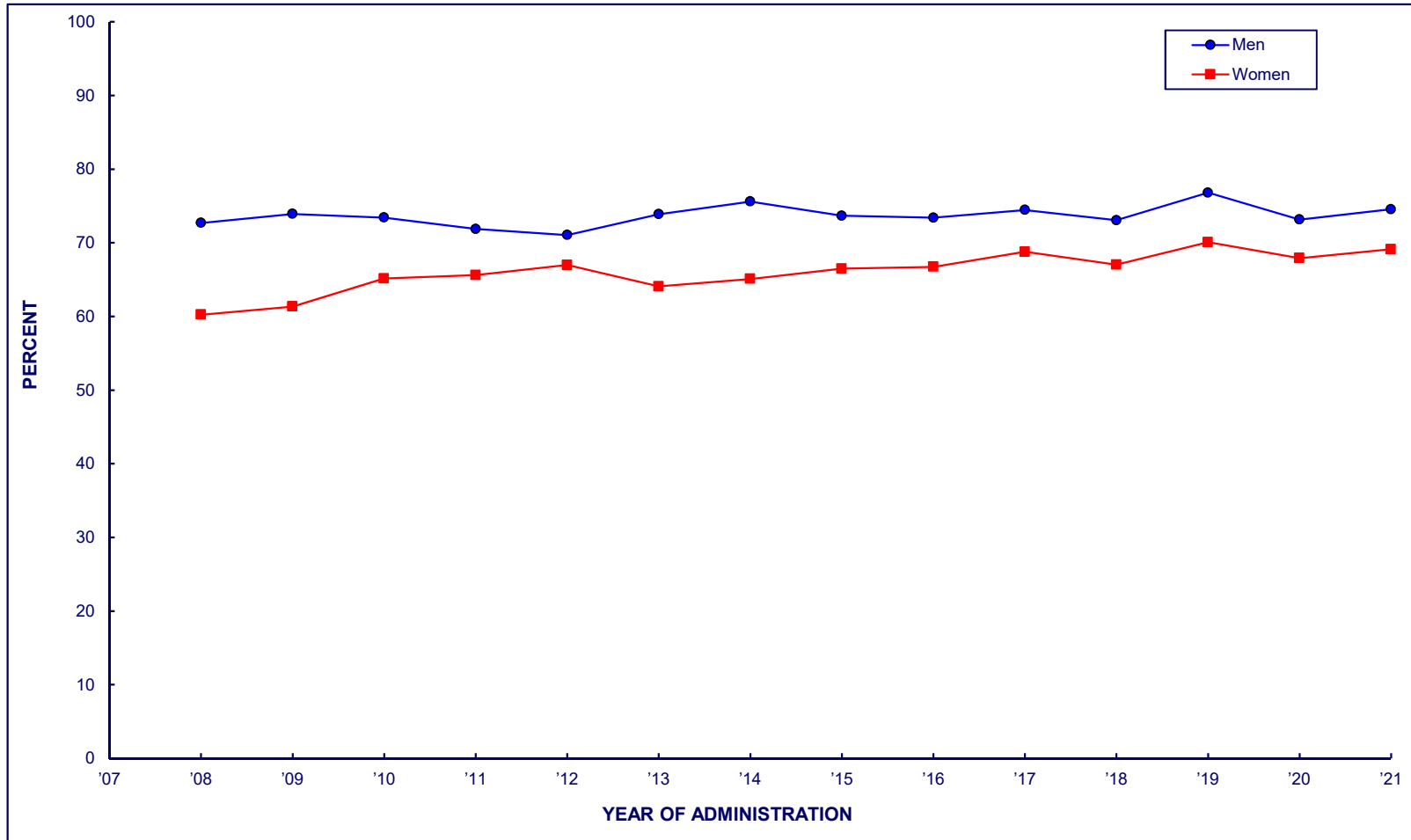
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change	
Northeast	80.3	80.1	75.7	77.6	75.7	74.4	75.3	74.5	72.3	73.3	71.6	74.8	71.9	74.8	73.8	74.1	73.1	73.6	76.8	75.9	76.2	75.7	75.9	76.4	74.8	75.1	72.6	74.9	73.9	72.0	73.5	68.3	71.6	n.s.		
Midwest	77.7	76.0	75.1	74.1	72.2	72.7	72.2	73.0	71.0	73.1	70.5	71.6	70.7	71.6	72.0	70.5	73.0	71.9	71.0	71.9	72.4	73.7	71.9	72.2	74.0	73.1	73.1	73.1	74.2	73.4	70.9	71.6	67.4	72.1	+4.7	p<.05
South	66.7	64.1	63.6	63.3	61.6	61.0	59.5	61.9	60.9	60.3	60.9	61.9	59.7	60.2	61.7	60.4	61.6	61.5	61.9	64.5	65.6	63.4	63.2	64.2	65.1	65.0	66.2	63.9	65.6	64.0	63.6	65.3	62.9	61.1	n.s.	
West	72.7	70.3	70.6	67.4	69.0	65.5	67.5	65.1	65.3	63.6	65.8	66.0	67.0	65.9	66.1	65.2	65.5	68.4	69.6	68.9	65.7	69.4	66.4	64.6	64.8	64.6	64.7	63.4	65.5	62.3	64.0	65.4	61.8	64.5	n.s.	

FIGURE 76
ALCOHOL
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Race/Ethnicity



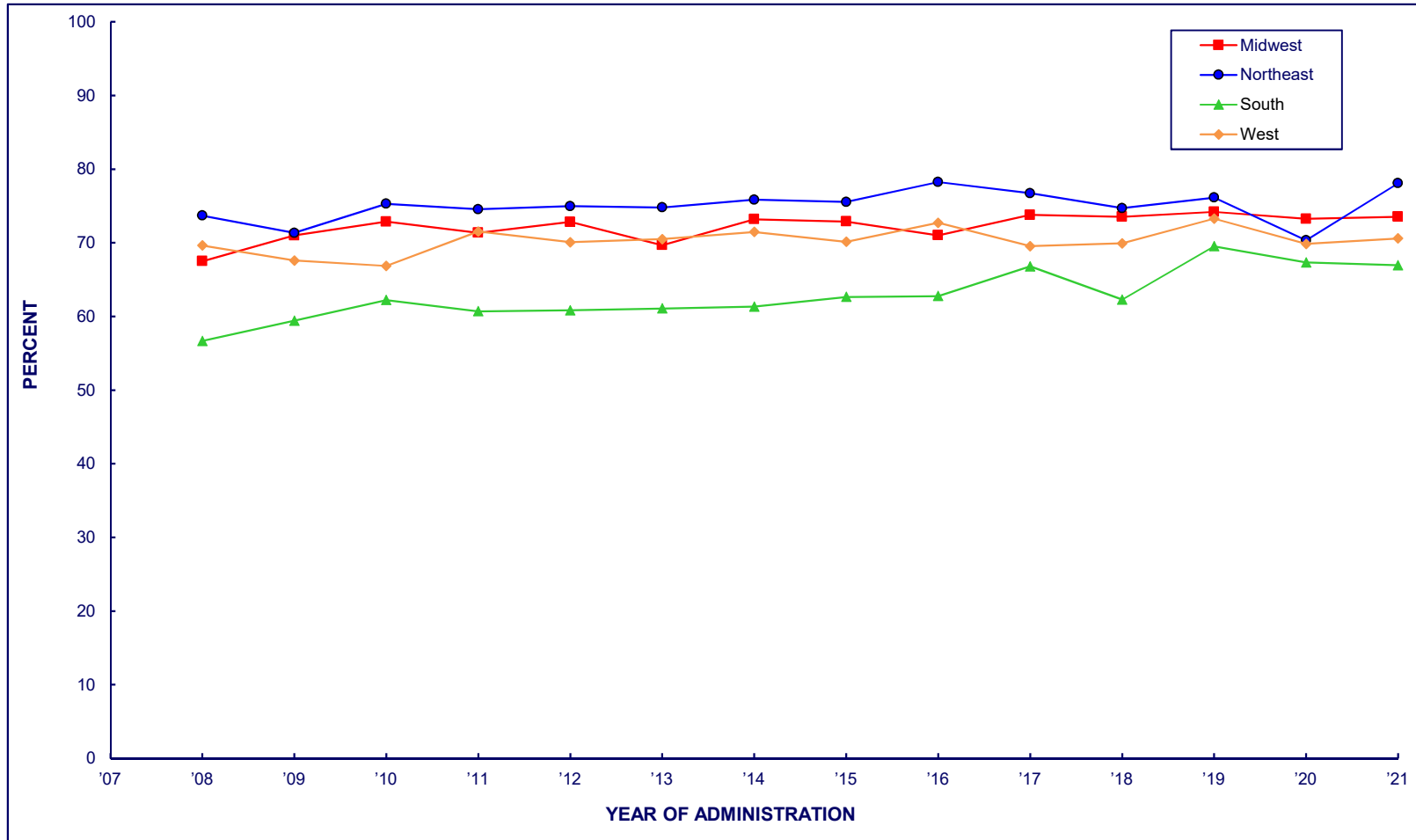
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	76.7	74.8	73.5	72.9	71.9	71.0	70.7	71.0	69.7	70.5	69.6	71.3	69.5	70.3	70.8	70.4	71.1	71.8	72.3	72.8	72.7	73.5	73.1	72.5	73.3	71.9	72.6	71.6	74.0	71.5	70.2	73.1	69.2	71.4	n.s.
Black	53.6	54.9	51.8	52.2	47.3	48.5	48.1	51.2	46.1	47.0	47.3	47.2	44.8	48.3	49.5	42.6	47.9	47.4	44.9	48.9	53.8	53.0	49.7	53.2	53.7	57.6	56.0	53.7	55.2	52.8	55.6	57.2	54.1	58.6	n.s.
Hispanic	59.4	66.8	57.5	59.7	61.0	59.3	61.1	59.6	59.0	60.7	58.2	63.4	59.8	61.5	61.0	62.0	62.1	63.1	61.7	62.9	61.2	63.1	56.8	60.0	62.9	63.6	60.2	59.8	60.3	63.1	60.2	60.0	57.3	56.6	n.s.

FIGURE 77
ALCOHOL
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Sex



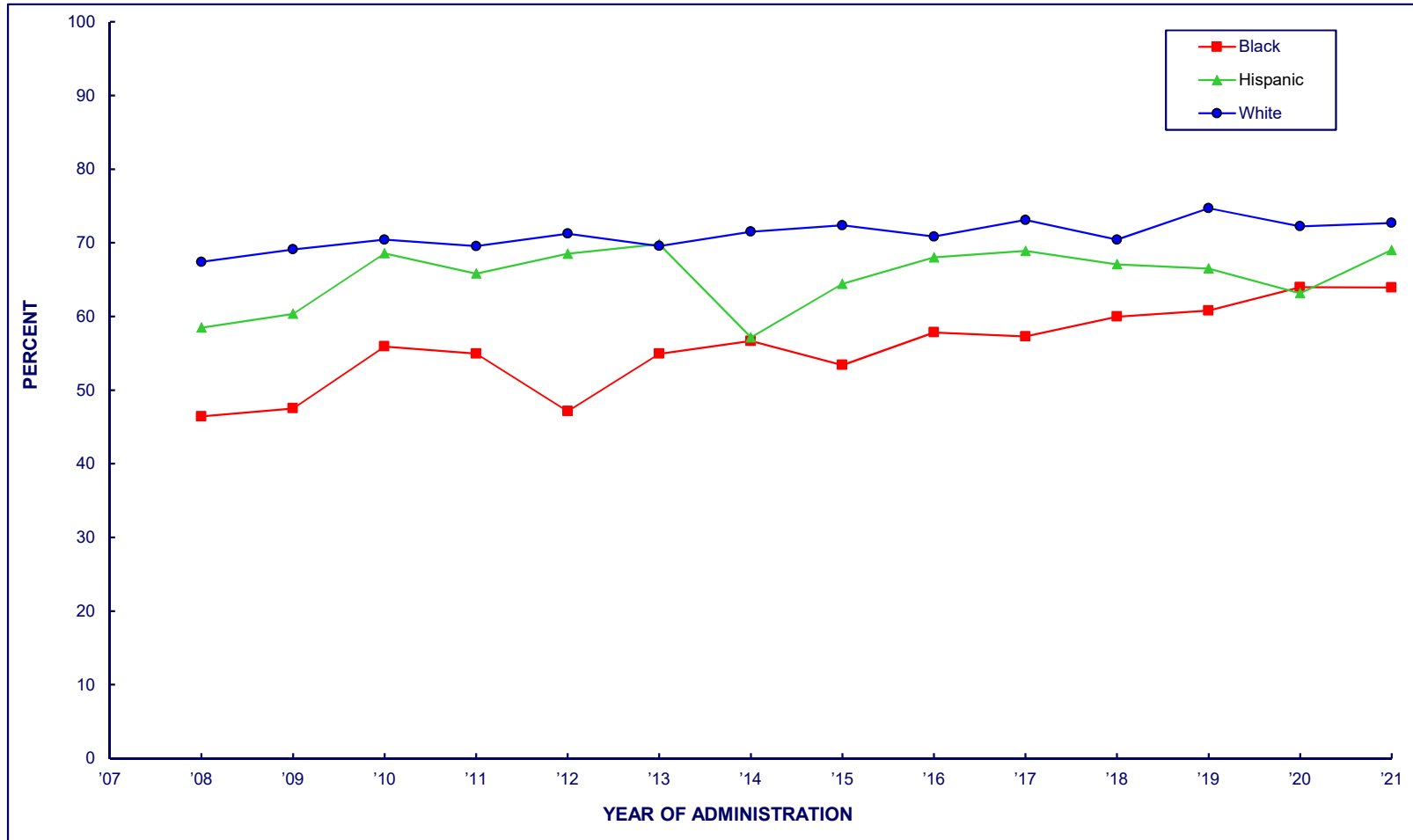
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	72.7	73.9	73.4	71.9	71.0	73.9	75.6	73.7	73.4	74.5	73.1	76.8	73.1	74.5	n.s.
Women	60.2	61.4	65.1	65.6	67.0	64.1	65.1	66.5	66.7	68.8	67.0	70.1	67.9	69.1	n.s.

FIGURE 78
ALCOHOL
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Geographic Region



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	73.7	71.3	75.3	74.5	75.0	74.8	75.9	75.5	78.2	76.7	74.7	76.1	70.3	78.1	+7.8 p<.01
Midwest	67.5	71.0	72.9	71.3	72.8	69.7	73.2	72.9	71.0	73.8	73.5	74.2	73.2	73.5	n.s.
South	56.7	59.4	62.2	60.7	60.8	61.1	61.3	62.6	62.8	66.8	62.3	69.5	67.3	66.9	n.s.
West	69.6	67.6	66.9	71.5	70.1	70.5	71.5	70.1	72.7	69.5	69.9	73.3	69.8	70.6	n.s.

FIGURE 79
ALCOHOL
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Race/Ethnicity

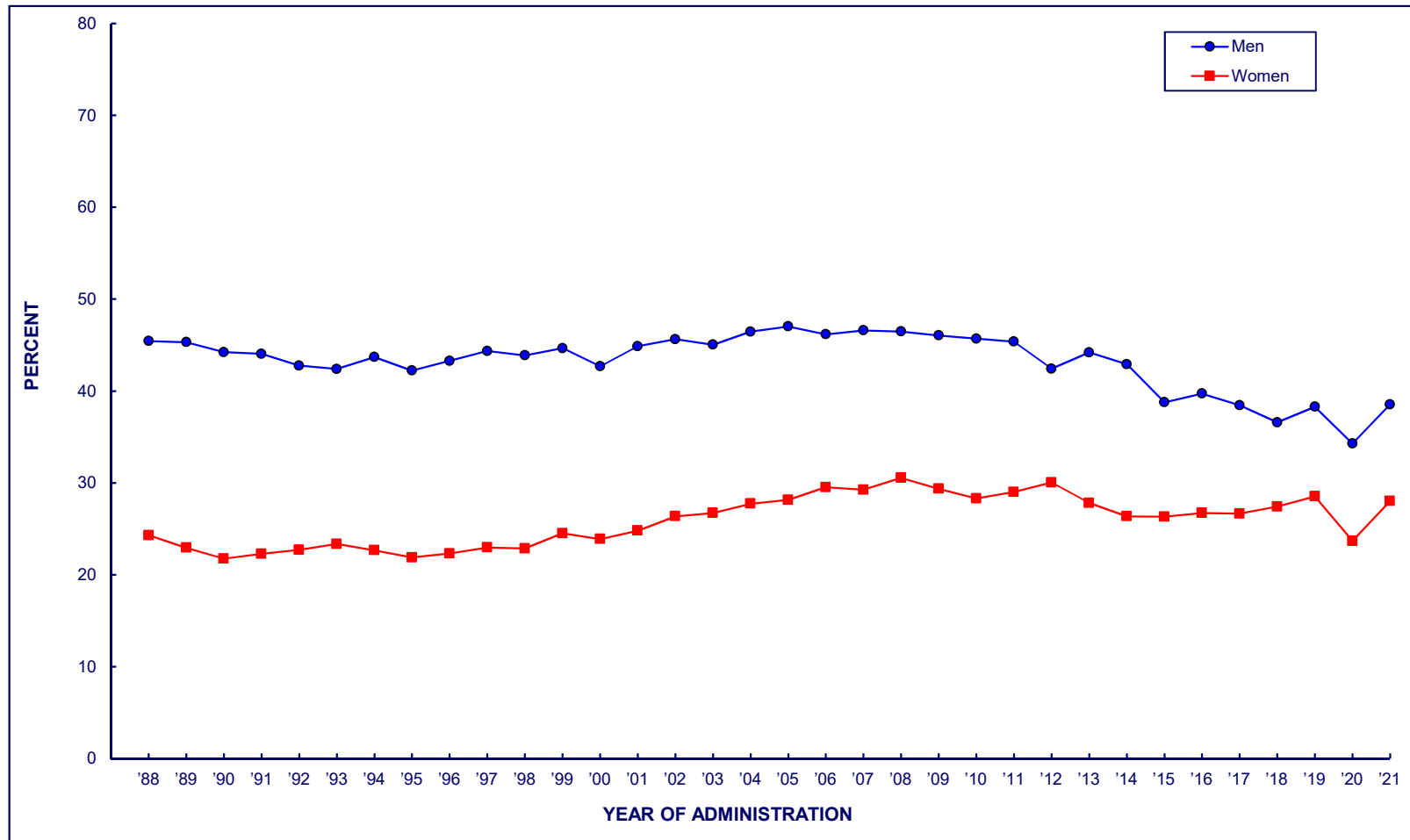


	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	67.4	69.1	70.4	69.5	71.2	69.6	71.5	72.4	70.8	73.1	70.4	74.7	72.2	72.7	n.s.
Black	46.4	47.5	55.9	54.9	47.1	54.9	56.7	53.4	57.8	57.3	60.0	60.8	64.0	63.9	n.s.
Hispanic	58.5	60.3	68.6	65.8	68.5	69.8	57.2	64.4	68.0	68.9	67.1	66.5	63.1	69.0	n.s.

FIGURE 80

ALCOHOL

Trends in 2-Week Prevalence of Binge Drinking (5+ Drinks in a Row) among Respondents of Modal Ages 19 through 30, by Sex

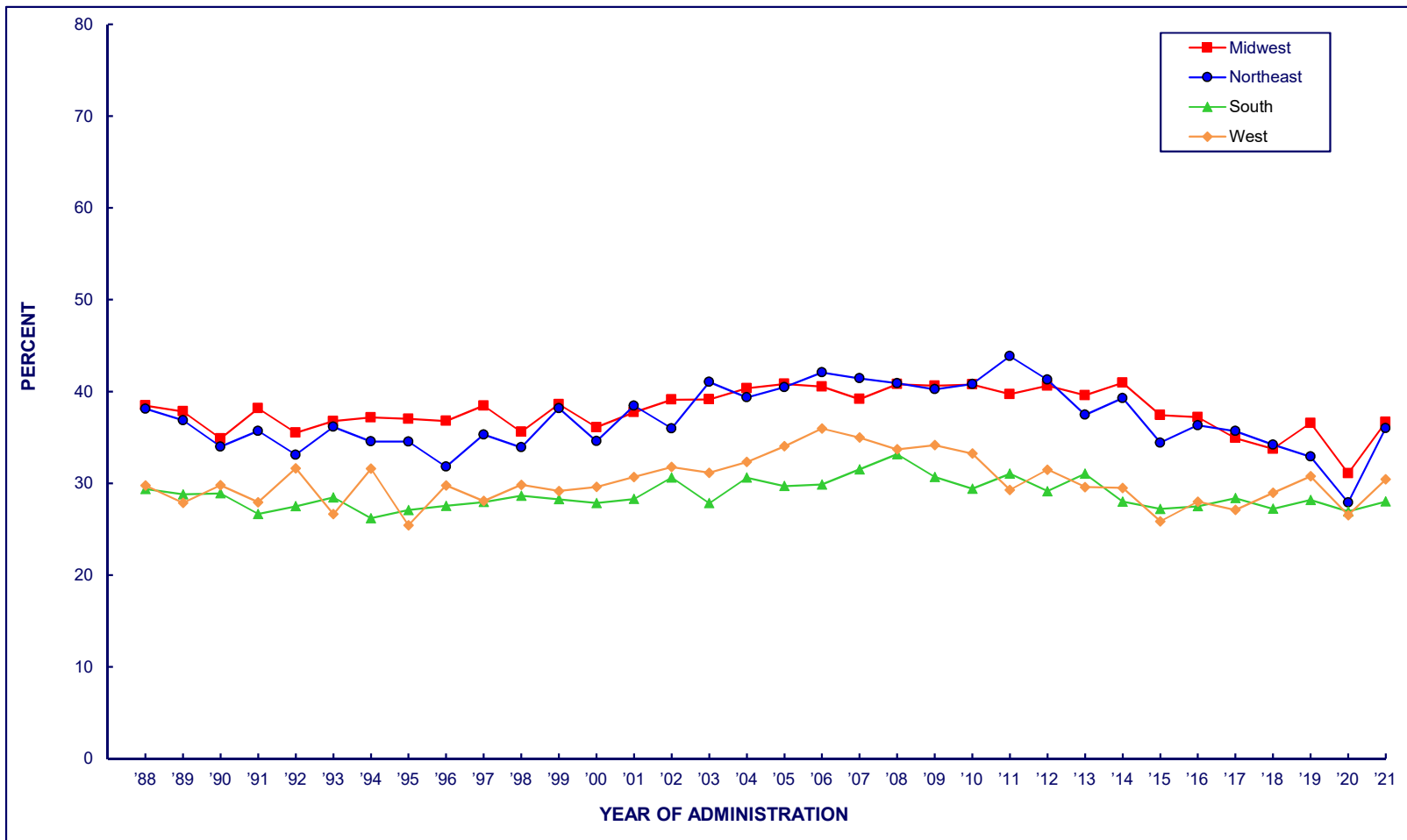


	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	45.4	45.3	44.2	44.0	42.8	42.4	43.7	42.2	43.3	44.4	43.9	44.7	42.7	44.9	45.6	45.0	46.5	47.0	46.2	46.6	46.5	46.1	45.7	45.4	42.4	44.2	42.9	38.8	39.7	38.5	36.6	38.3	34.3	38.5	+4.3 p<.05
Women	24.3	22.9	21.8	22.3	22.7	23.3	22.7	21.9	22.3	23.0	22.9	24.5	23.9	24.8	26.4	26.7	27.7	28.1	29.5	29.3	30.5	29.4	28.3	29.0	30.0	27.8	26.4	26.3	26.7	26.6	27.4	28.5	23.7	28.0	+4.3 p<.001

FIGURE 81

ALCOHOL

Trends in 2-Week Prevalence of Binge Drinking (5+ Drinks in a Row) among Respondents of Modal Ages 19 through 30, by Geographic Region

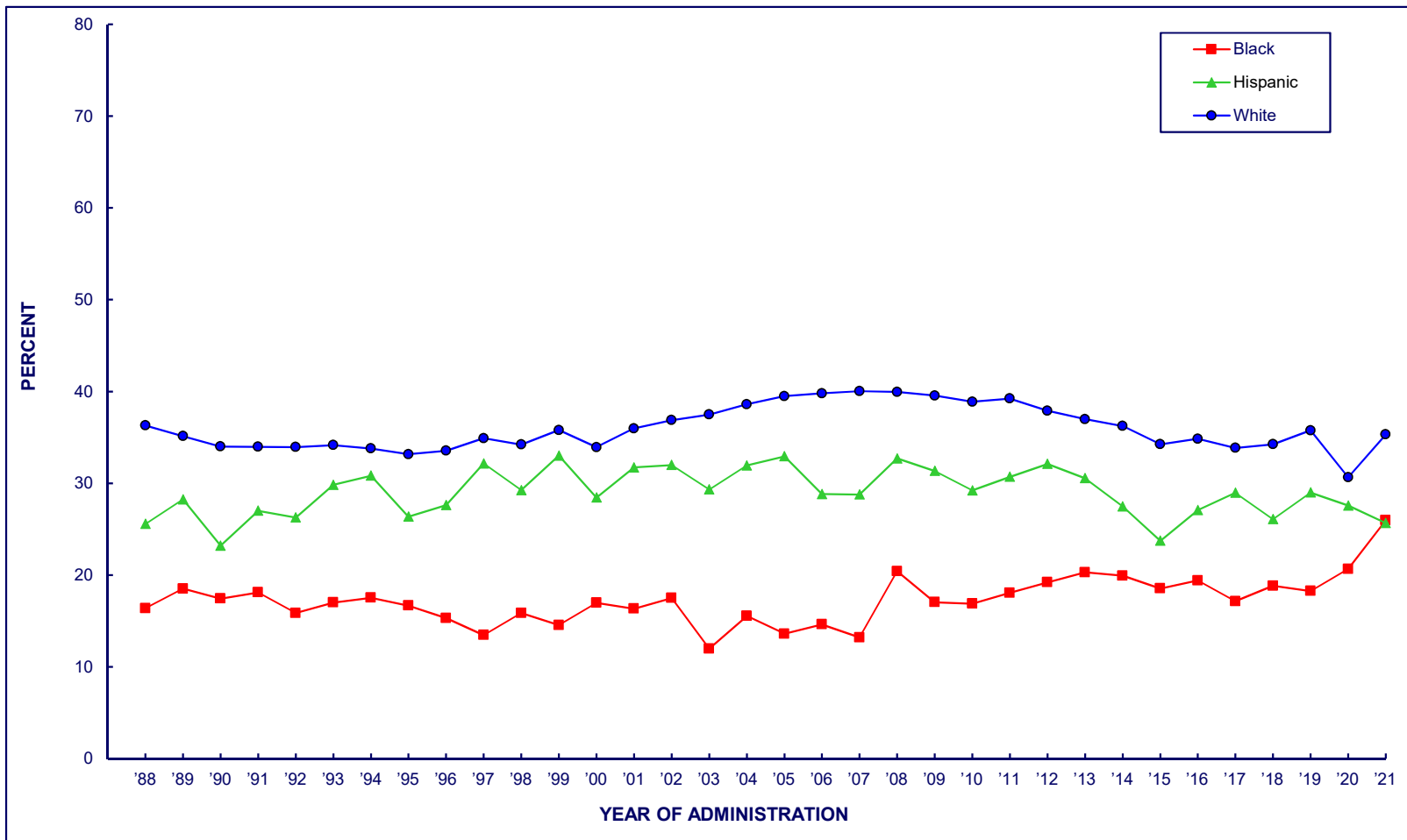


	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change	
Northeast	38.1	36.9	34.0	35.7	33.1	36.2	34.6	34.5	31.8	35.3	33.9	38.2	34.6	38.5	36.0	41.0	39.4	40.5	42.1	41.4	40.9	40.2	40.8	43.8	41.3	37.5	39.3	34.4	36.3	35.7	34.2	32.9	27.9	36.0	+8.0	p<.01
Midwest	38.5	37.8	34.9	38.2	35.5	36.8	37.2	37.0	36.8	38.4	35.6	38.6	36.1	37.7	39.1	39.1	40.3	40.8	40.5	39.2	40.8	40.6	40.8	39.7	40.6	39.6	40.9	37.4	37.2	34.9	33.8	36.6	31.1	36.7	n.s.	
South	29.4	28.8	28.9	26.7	27.5	28.5	26.2	27.1	27.5	27.9	28.6	28.3	27.8	28.3	30.6	27.8	30.6	29.7	29.9	31.5	33.2	30.7	29.4	31.0	29.1	31.0	28.0	27.2	27.5	28.4	27.2	28.2	26.9	28.0	n.s.	
West	29.7	27.9	29.8	27.9	31.6	26.6	31.6	25.4	29.8	28.1	29.8	29.2	29.6	30.7	31.8	31.1	32.3	34.0	36.0	35.0	33.7	34.1	33.2	29.3	31.5	29.6	29.5	25.9	28.0	27.1	29.0	30.8	26.5	30.4	n.s.	

FIGURE 82

ALCOHOL

Trends in 2-Week Prevalence of Binge Drinking (5+ Drinks in a Row) among Respondents of Modal Ages 19 through 30, by Race/Ethnicity

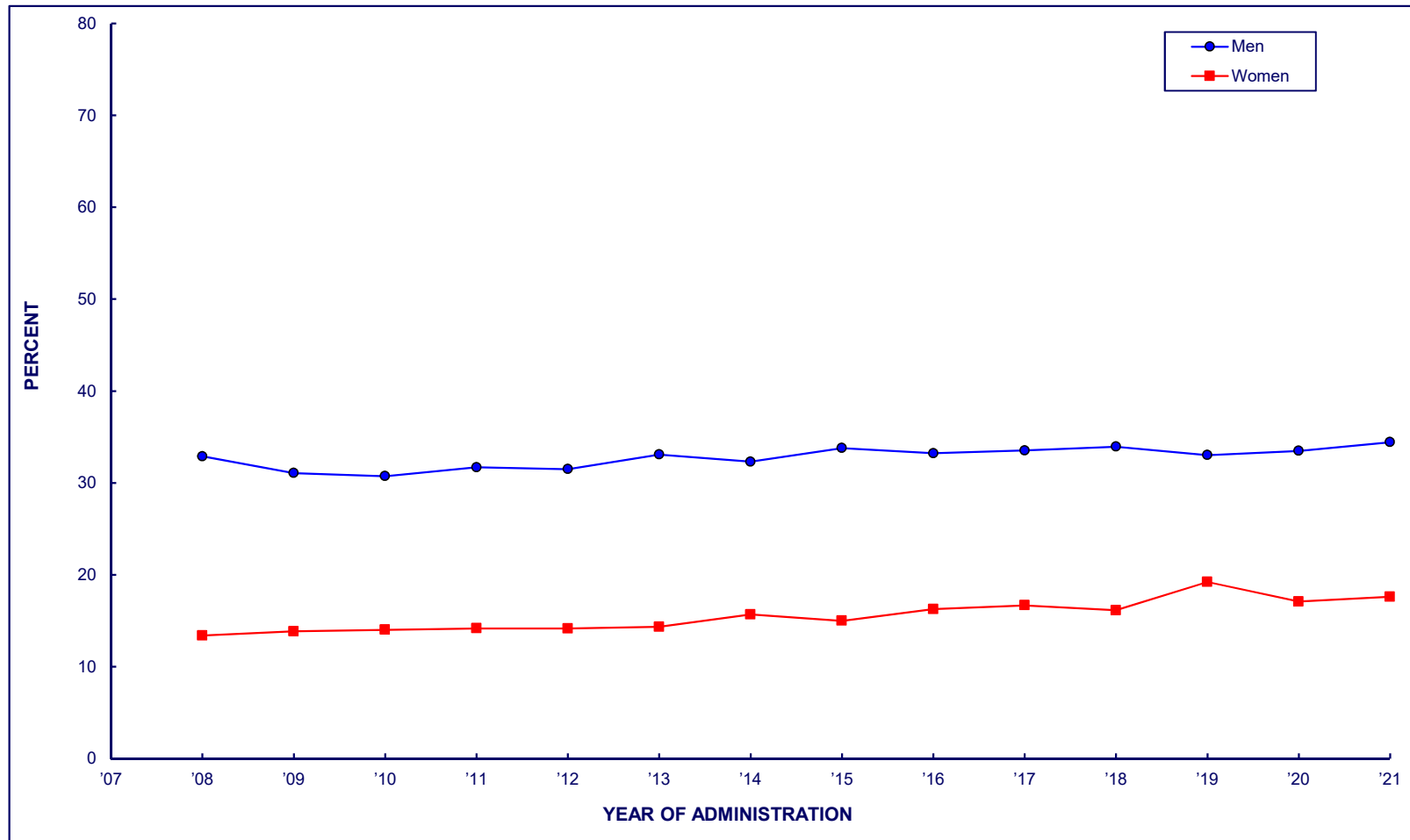


	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	36.3	35.1	34.0	34.0	33.9	34.2	33.8	33.2	33.5	34.9	34.2	35.8	33.9	36.0	36.9	37.5	38.6	39.5	39.8	40.0	39.9	39.6	38.9	39.2	37.9	37.0	36.2	34.3	34.8	33.9	34.3	35.8	30.6	35.3	+4.7 p<.001
Black	16.4	18.5	17.4	18.1	15.9	17.0	17.5	16.7	15.3	13.5	15.9	14.5	17.0	16.3	17.5	12.0	15.5	13.6	14.6	13.2	20.4	17.0	16.9	18.1	19.2	20.3	19.9	18.5	19.4	17.1	18.8	18.3	20.7	26.0	n.s.
Hispanic	25.6	28.2	23.2	27.0	26.3	29.8	30.8	26.4	27.6	32.2	29.3	33.0	28.4	31.7	32.0	29.3	31.9	32.9	28.8	28.8	32.7	31.3	29.2	30.7	32.1	30.6	27.5	23.7	27.1	29.0	26.1	29.0	27.6	25.7	n.s.

FIGURE 83

ALCOHOL

Trends in 2-Week Prevalence of Binge Drinking (5+ Drinks in a Row) among Respondents of Modal Ages 35 through 50, by Sex

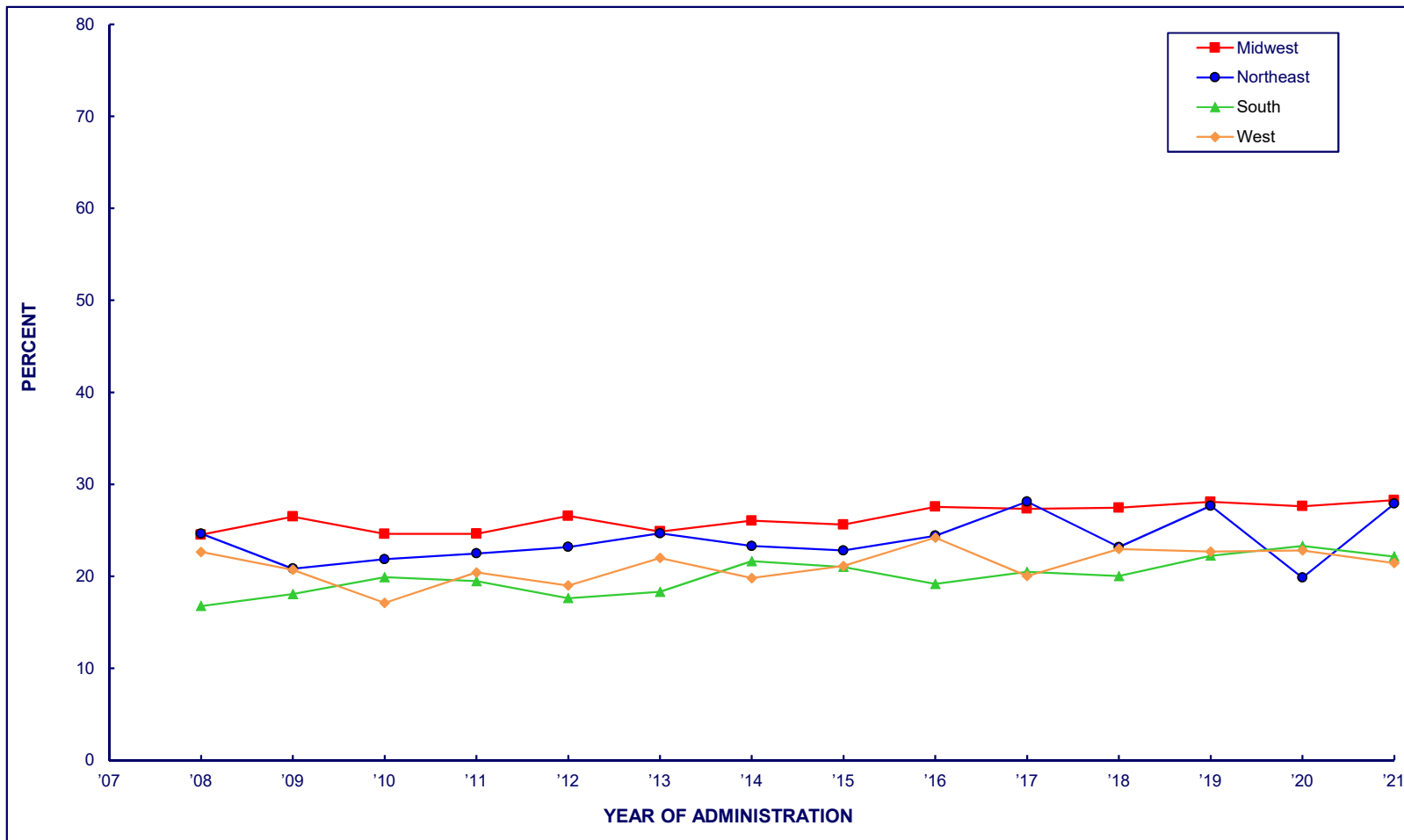


	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	32.9	31.1	30.7	31.7	31.5	33.1	32.3	33.8	33.2	33.5	33.9	33.0	33.5	34.4	n.s.
Women	13.4	13.8	14.0	14.2	14.1	14.3	15.7	15.0	16.3	16.7	16.1	19.2	17.1	17.6	n.s.

FIGURE 84

ALCOHOL

Trends in 2-Week Prevalence of Binge Drinking (5+ Drinks in a Row) among Respondents of Modal Ages 35 through 50, by Geographic Region

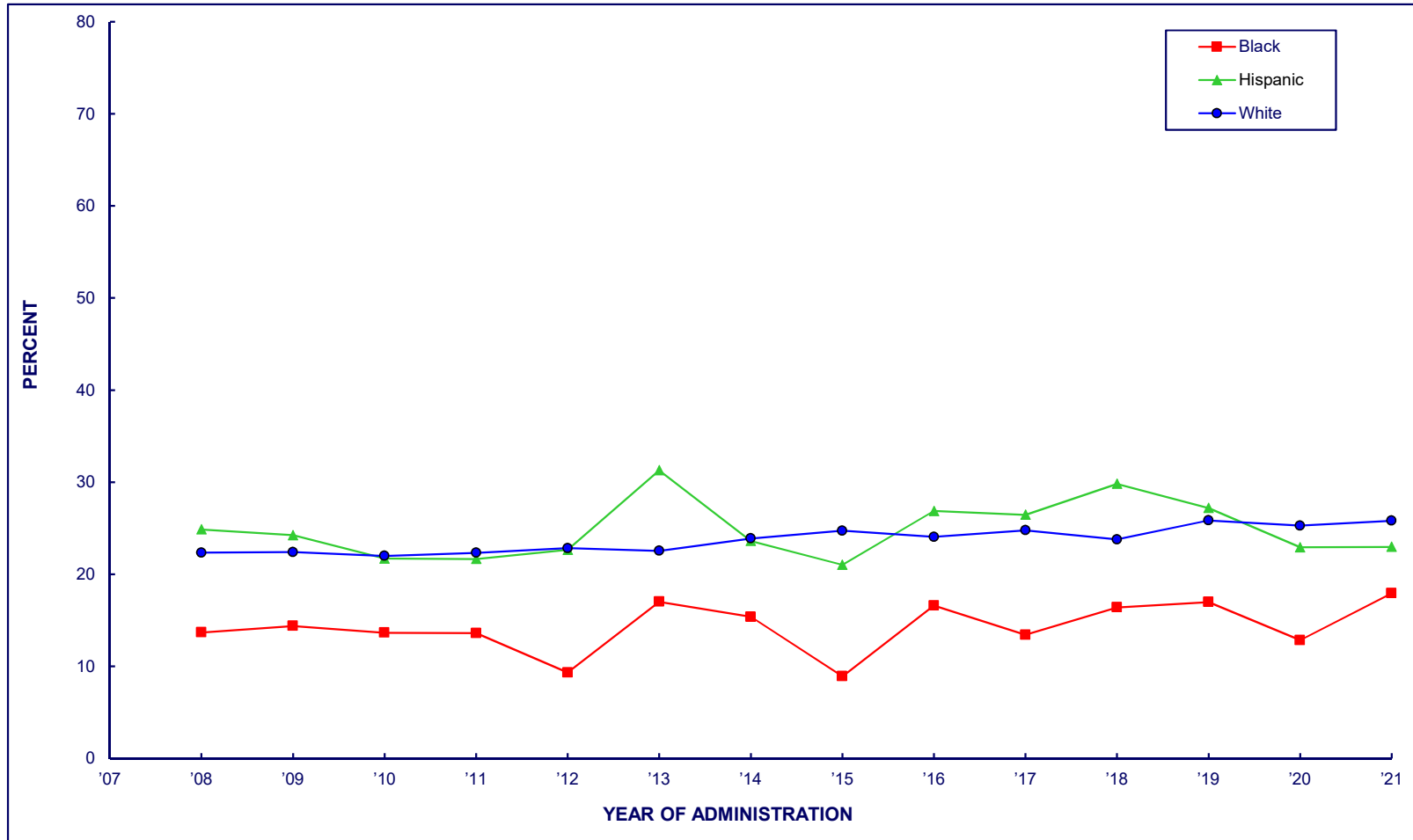


	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	24.6	20.8	21.8	22.5	23.2	24.7	23.3	22.8	24.4	28.1	23.2	27.7	19.9	27.9	+8.0 p<.01
Midwest	24.5	26.5	24.6	24.6	26.6	24.9	26.0	25.6	27.6	27.3	27.4	28.1	27.6	28.3	n.s.
South	16.8	18.1	19.9	19.5	17.6	18.3	21.6	21.0	19.2	20.5	20.0	22.2	23.3	22.1	n.s.
West	22.6	20.7	17.1	20.4	19.0	22.0	19.8	21.1	24.2	20.0	23.0	22.7	22.8	21.4	n.s.

FIGURE 85

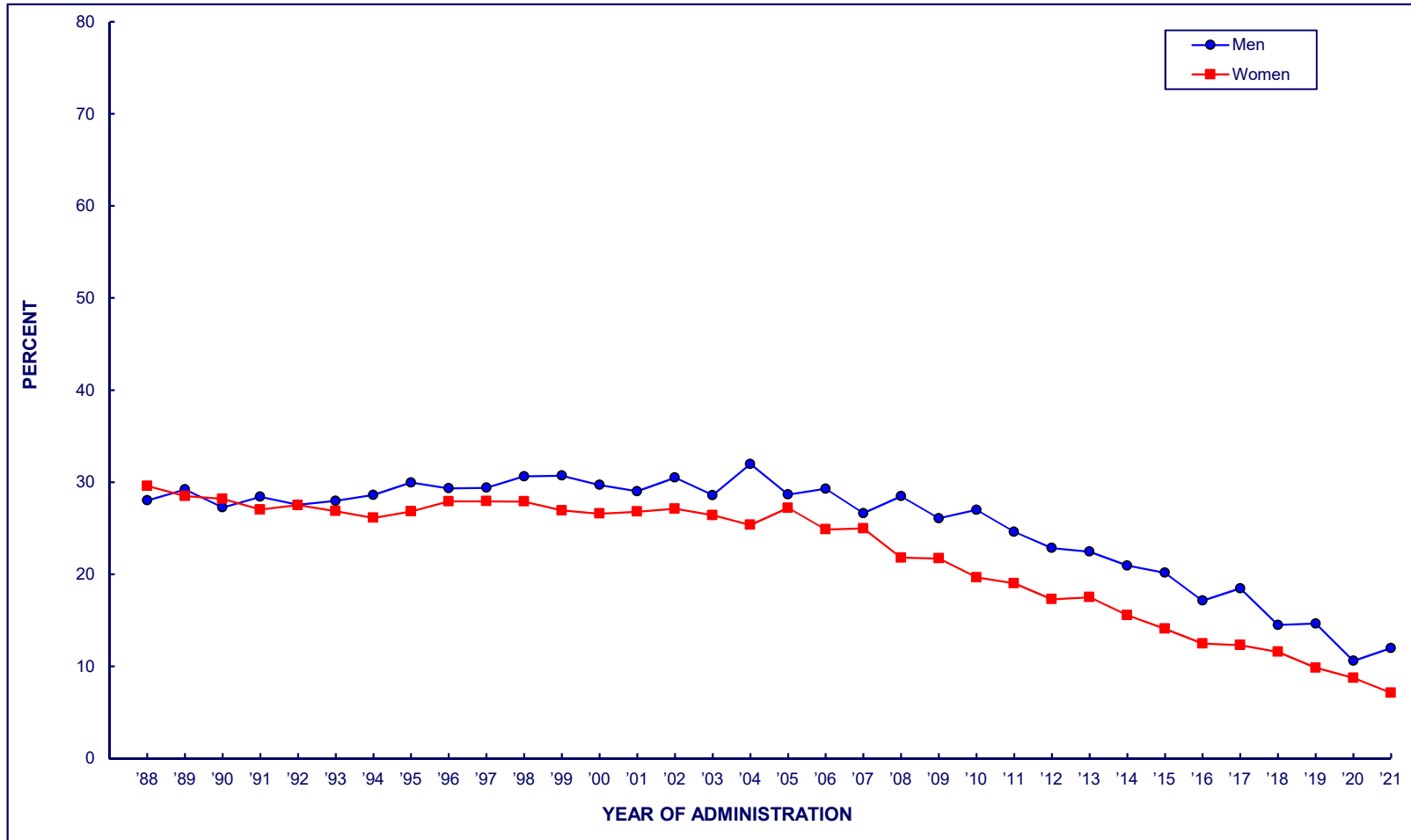
ALCOHOL

Trends in 2-Week Prevalence of Binge Drinking (5+ Drinks in a Row) among Respondents of Modal Ages 35 through 50, by Race/Ethnicity



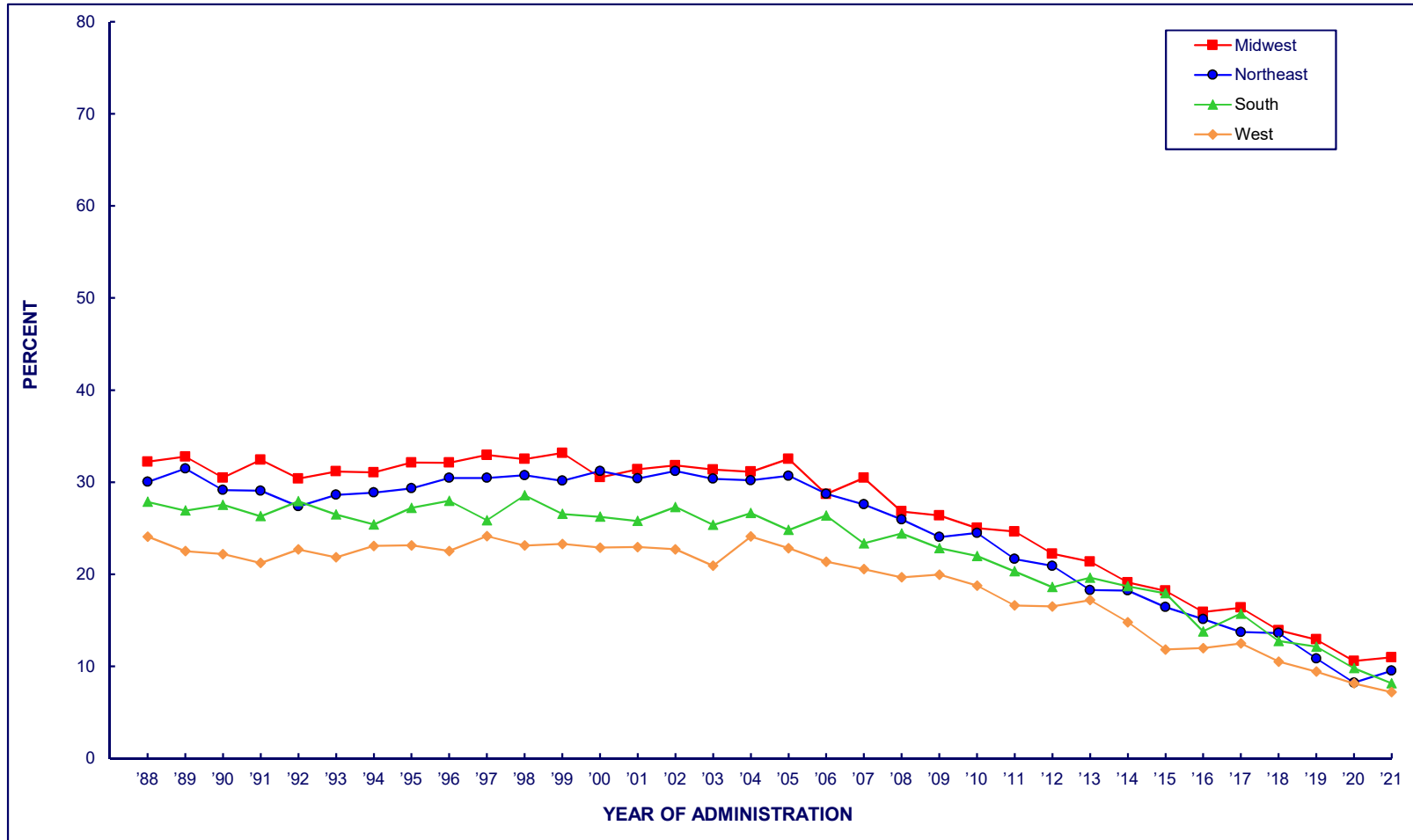
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	22.3	22.4	22.0	22.3	22.8	22.5	23.9	24.7	24.1	24.8	23.8	25.8	25.3	25.8	n.s.
Black	13.7	14.4	13.6	13.6	9.3	17.0	15.4	8.9	16.6	13.4	16.4	17.0	12.8	17.9	n.s.
Hispanic	24.9	24.2	21.7	21.7	22.6	31.3	23.6	21.0	26.9	26.4	29.8	27.2	22.9	23.0	n.s.

FIGURE 86
CIGARETTES
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Sex



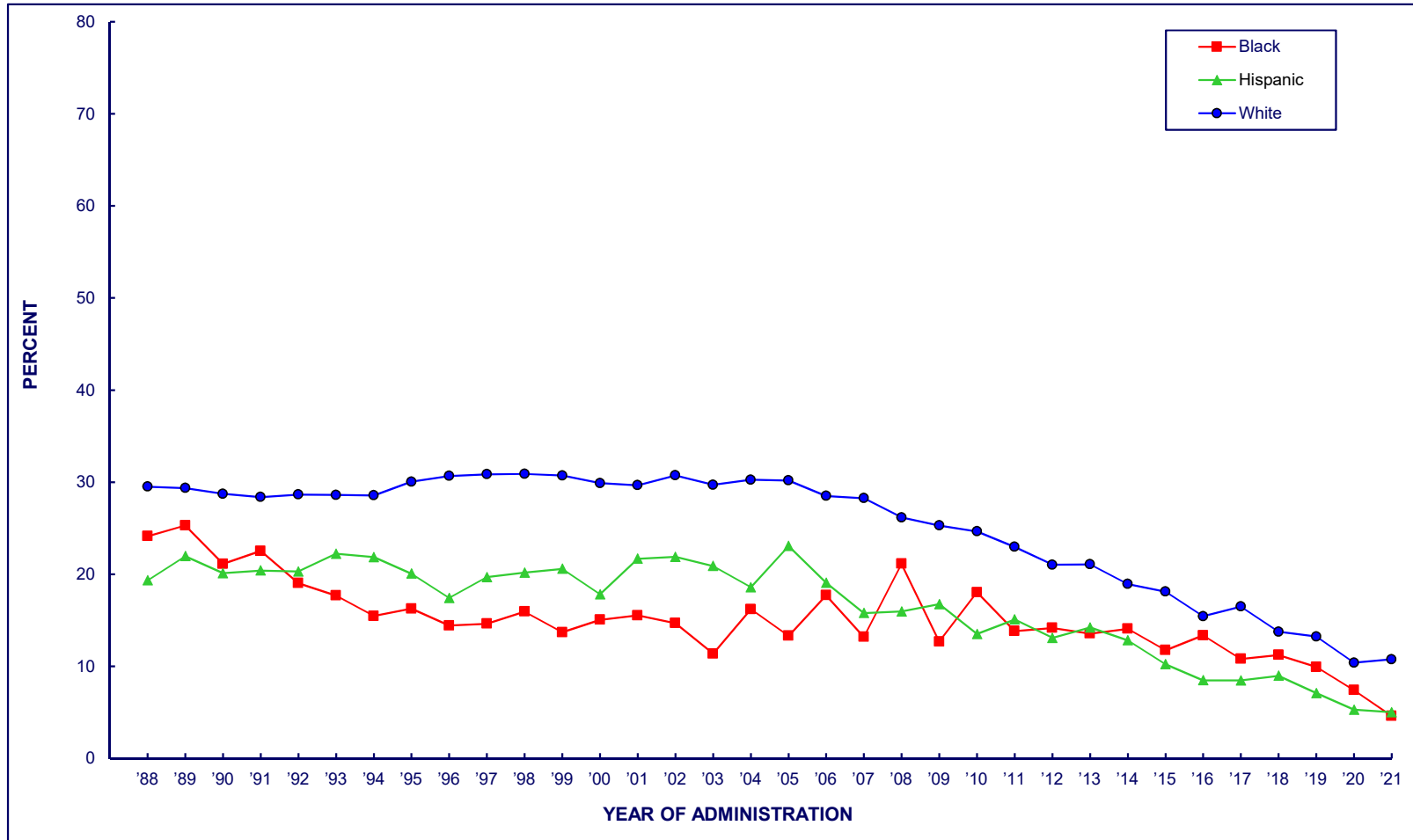
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change	
Men	28.0	29.2	27.2	28.4	27.5	28.0	28.6	29.9	29.3	29.4	30.6	30.7	29.7	29.0	30.5	28.6	32.0	28.7	29.3	26.6	28.5	26.1	27.0	24.6	22.9	22.5	20.9	20.1	17.1	18.5	14.5	14.6	10.6	12.0	n.s.	
Women	29.6	28.5	28.2	27.0	27.5	26.9	26.1	26.8	27.9	27.9	27.9	26.9	26.6	26.8	27.1	26.4	25.3	27.2	24.9	25.0	21.8	21.7	19.7	19.0	17.3	17.5	15.5	14.1	12.5	12.3	11.6	9.8	8.7	7.1	-1.6	p<.05

FIGURE 87
CIGARETTES
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Geographic Region



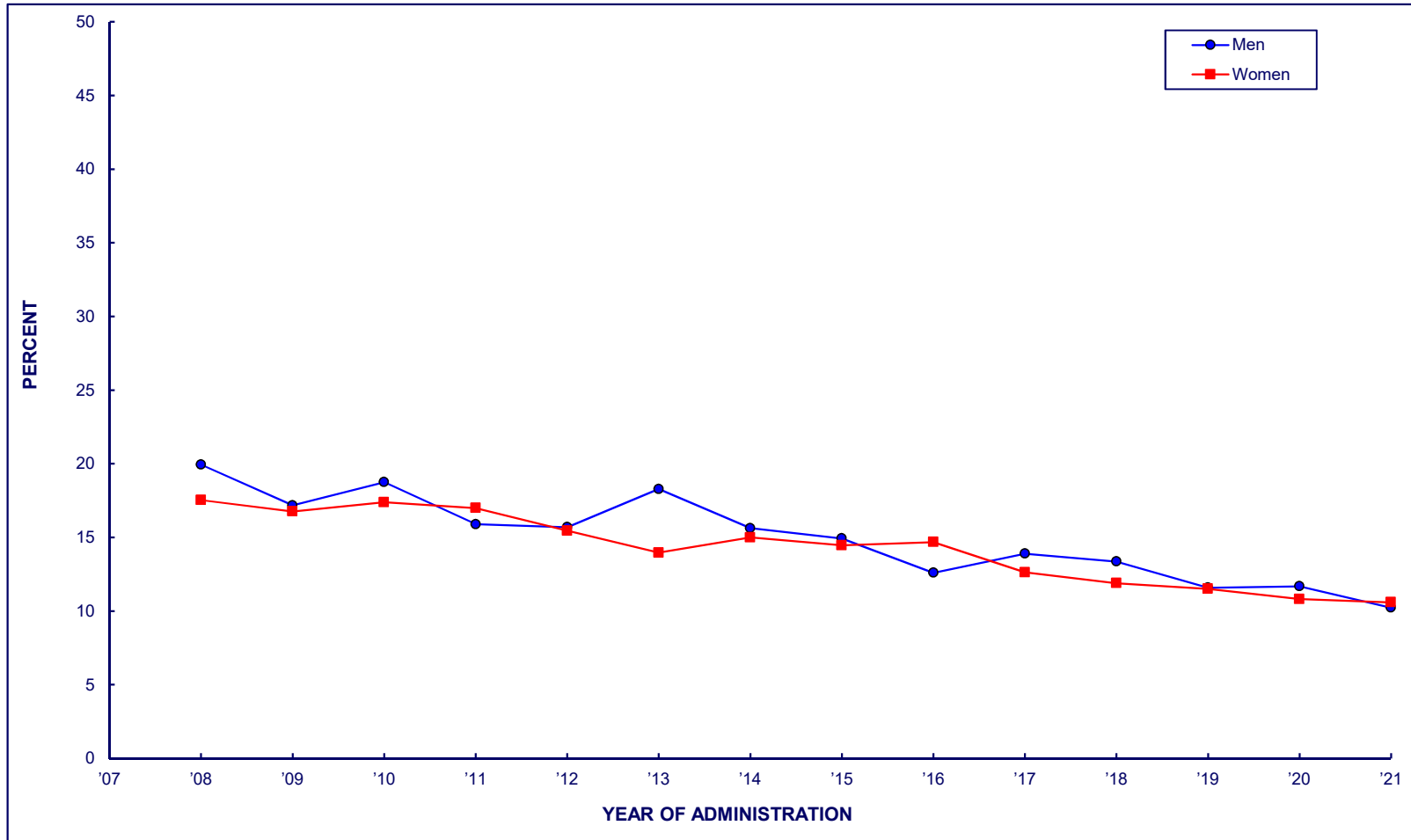
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	30.0	31.5	29.1	29.1	27.4	28.6	28.9	29.3	30.5	30.5	30.7	30.1	31.2	30.4	31.2	30.4	30.2	30.7	28.7	27.6	26.0	24.0	24.5	21.6	20.9	18.3	18.2	16.4	15.1	13.7	13.6	10.9	8.2	9.5	n.s.
Midwest	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	11.0	n.s.
South	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	8.2	n.s.
West	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	7.2	n.s.

FIGURE 88
CIGARETTES
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Race/Ethnicity



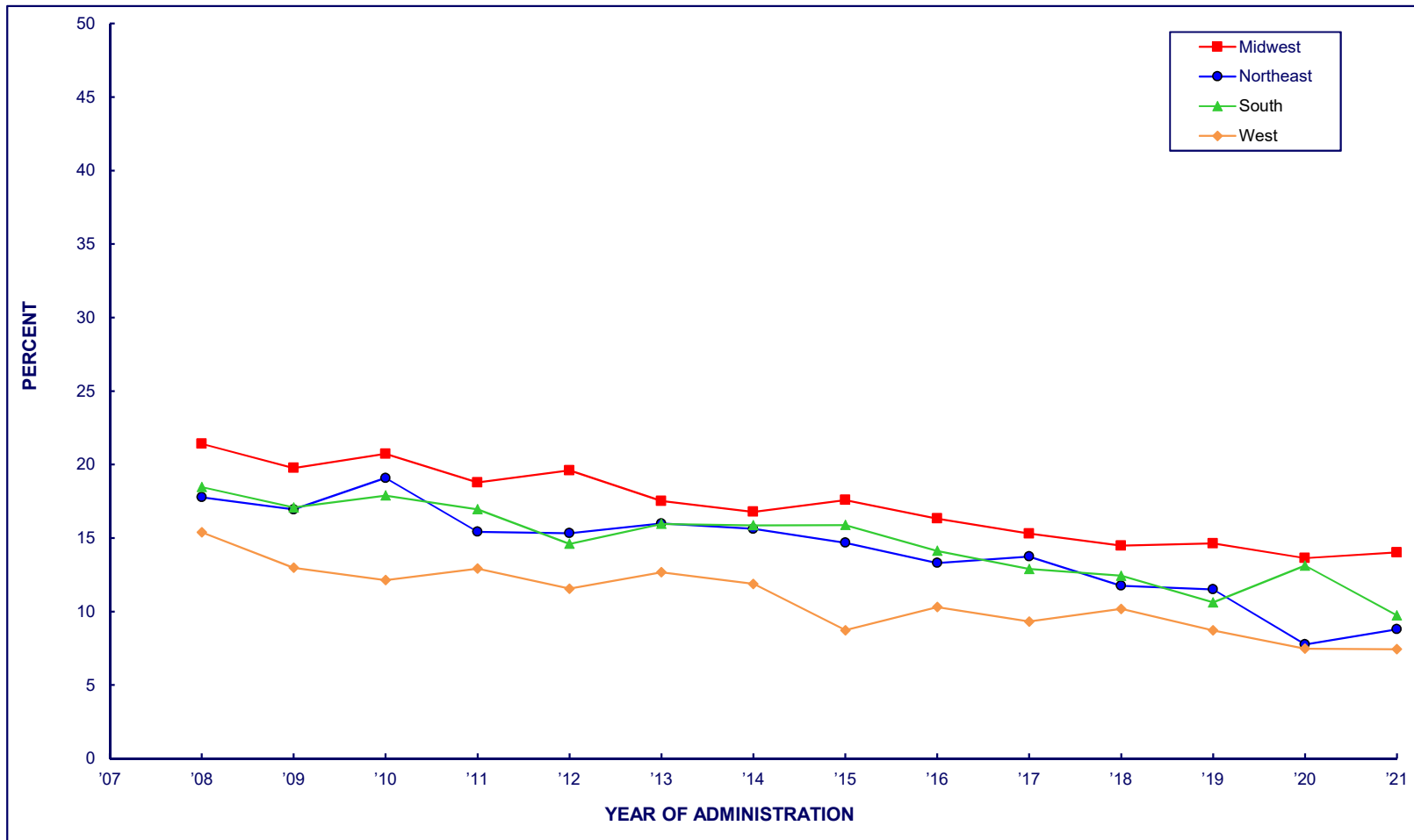
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	29.5	29.4	28.7	28.4	28.7	28.6	28.6	30.0	30.7	30.9	30.9	30.7	29.9	29.7	30.7	29.7	30.3	30.2	28.5	28.3	26.2	25.3	24.6	23.0	21.0	21.1	18.9	18.1	15.4	16.5	13.8	13.2	10.4	10.8	n.s.
Black	24.1	25.3	21.1	22.5	19.0	17.7	15.5	16.3	14.4	14.6	15.9	13.7	15.0	15.5	14.7	11.4	16.2	13.3	17.7	13.2	21.1	12.7	18.0	13.8	14.2	13.6	14.1	11.7	13.4	10.8	11.2	9.9	7.4	4.6	n.s.
Hispanic	19.3	22.0	20.1	20.4	20.3	22.2	21.9	20.1	17.4	19.7	20.2	20.6	17.8	21.7	21.9	20.9	18.6	23.1	19.1	15.8	16.0	16.7	13.5	15.1	13.1	14.2	12.8	10.2	8.5	8.5	9.0	7.1	5.3	5.0	n.s.

FIGURE 89
CIGARETTES
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Sex



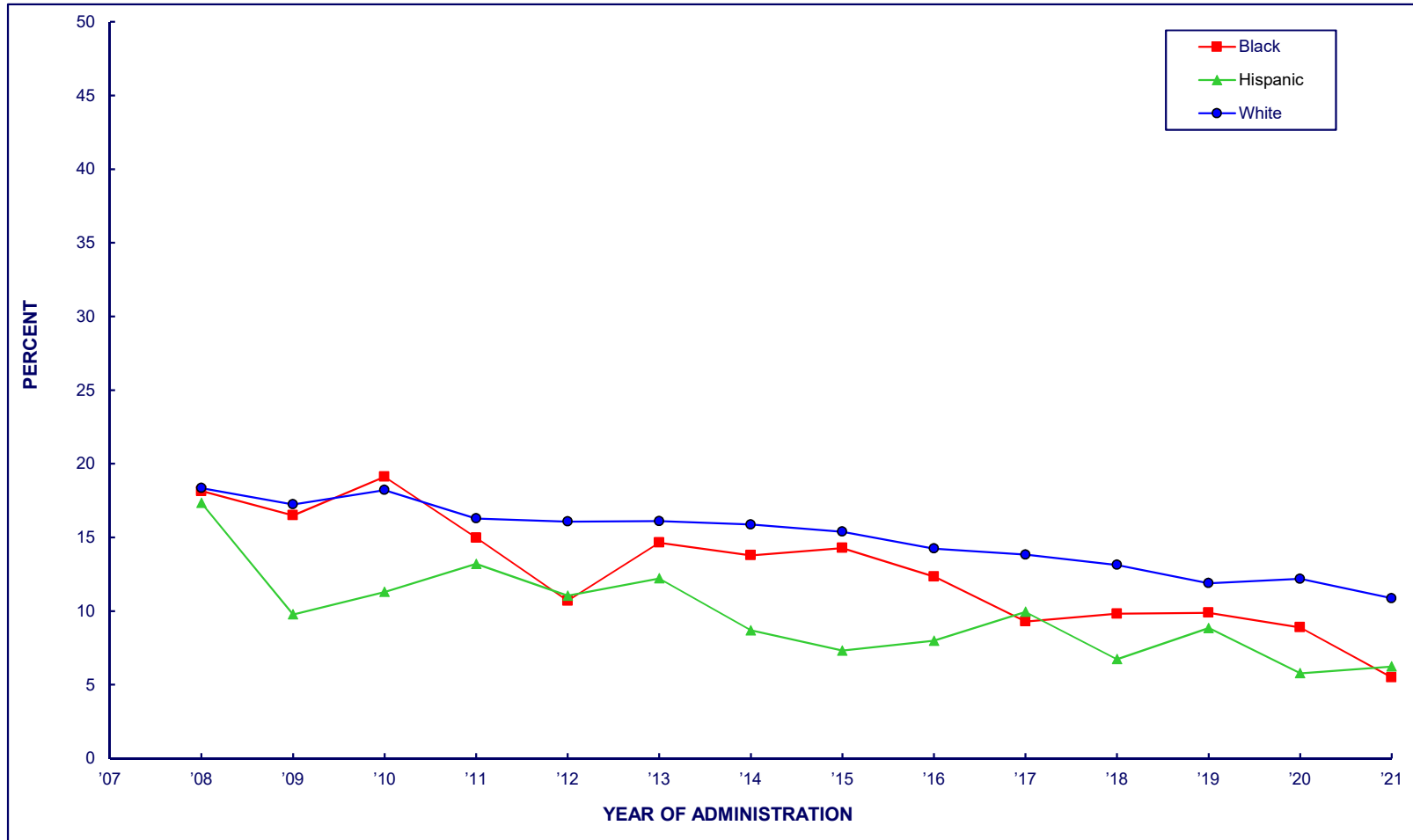
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>1-Year Change</u>
Men	19.9	17.2	18.8	15.9	15.7	18.3	15.6	14.9	12.6	13.9	13.4	11.6	11.7	10.2	n.s.
Women	17.5	16.8	17.4	17.0	15.5	14.0	15.0	14.5	14.7	12.6	11.9	11.5	10.8	10.6	n.s.

FIGURE 90
CIGARETTES
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Geographic Region



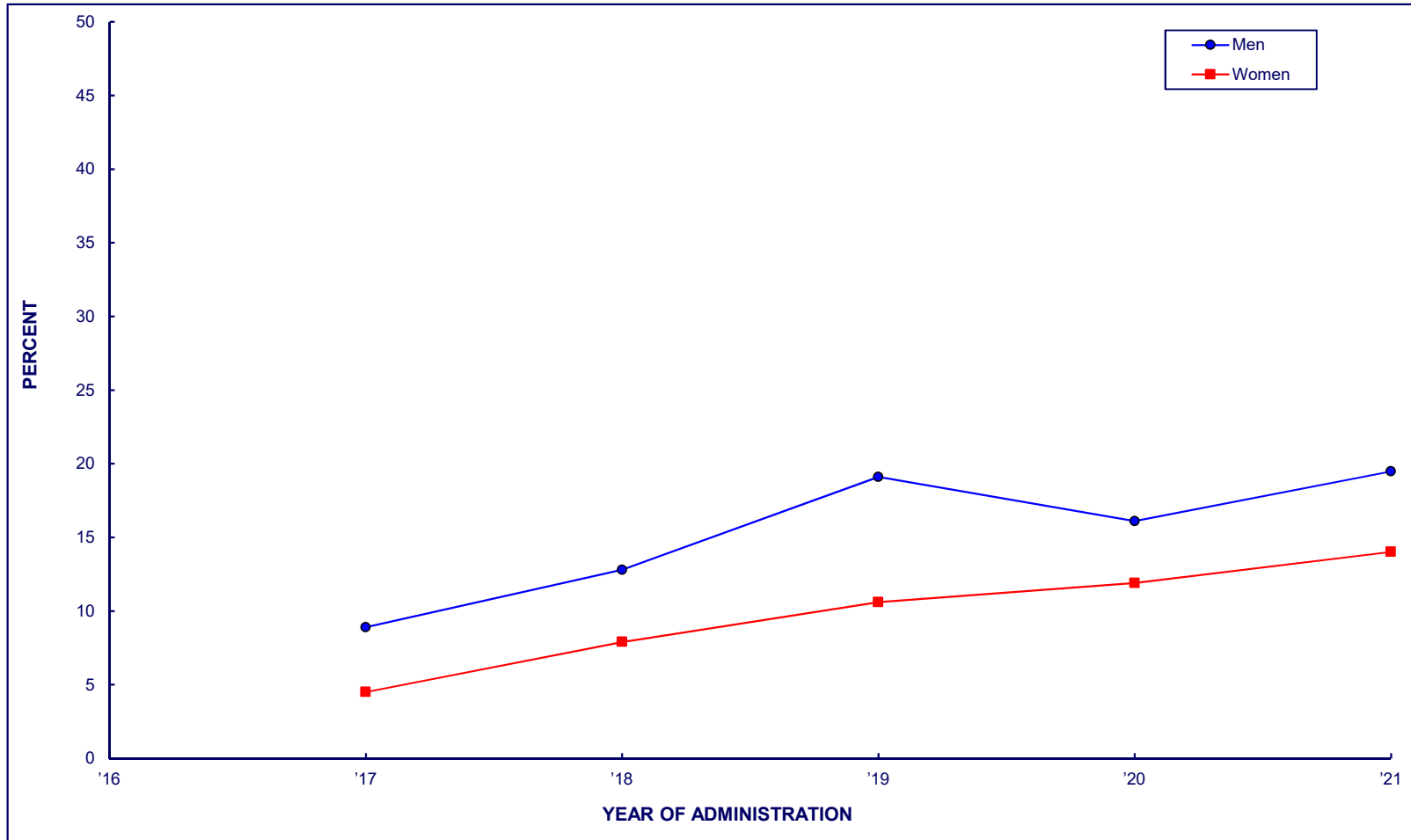
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	17.8	16.9	19.1	15.4	15.3	16.0	15.6	14.7	13.3	13.7	11.8	11.5	7.8	8.8	n.s.
Midwest	21.4	19.8	20.7	18.8	19.6	17.5	16.8	17.6	16.3	15.3	14.5	14.6	13.6	14.0	n.s.
South	18.5	17.1	17.9	17.0	14.6	16.0	15.9	15.9	14.1	12.9	12.4	10.6	13.1	9.7	-3.4 p<.05
West	15.4	13.0	12.1	12.9	11.6	12.7	11.9	8.7	10.3	9.3	10.2	8.7	7.5	7.4	n.s.

FIGURE 91
CIGARETTES
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Race/Ethnicity



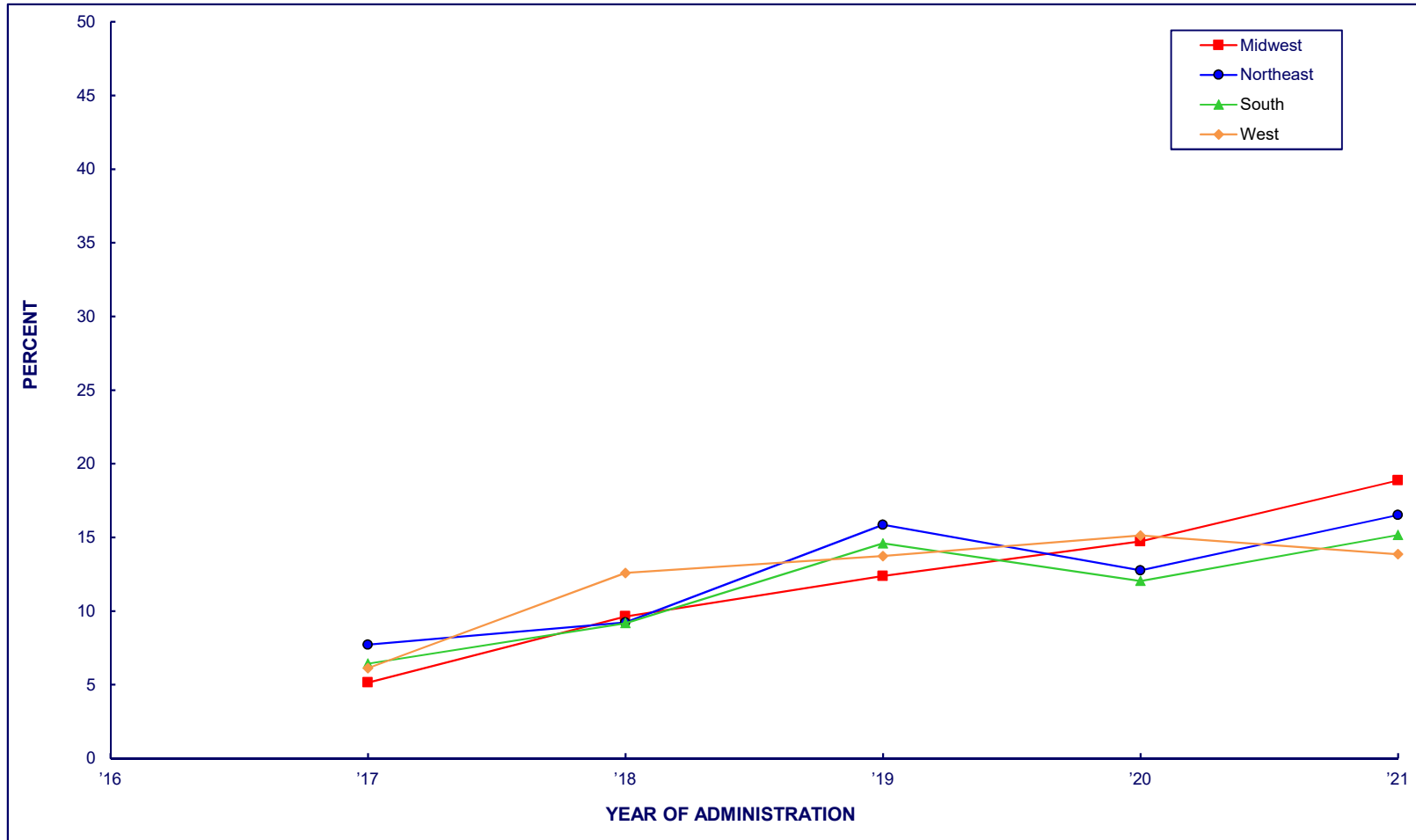
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	18.3	17.2	18.2	16.3	16.1	16.1	15.9	15.4	14.2	13.8	13.1	11.9	12.2	10.9	n.s.
Black	18.2	16.5	19.1	15.0	10.7	14.6	13.8	14.3	12.3	9.3	9.8	9.9	8.9	5.5	n.s.
Hispanic	17.3	9.8	11.3	13.2	11.0	12.2	8.7	7.3	8.0	9.9	6.7	8.8	5.8	6.2	n.s.

FIGURE 92
VAPING NICOTINE
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Sex



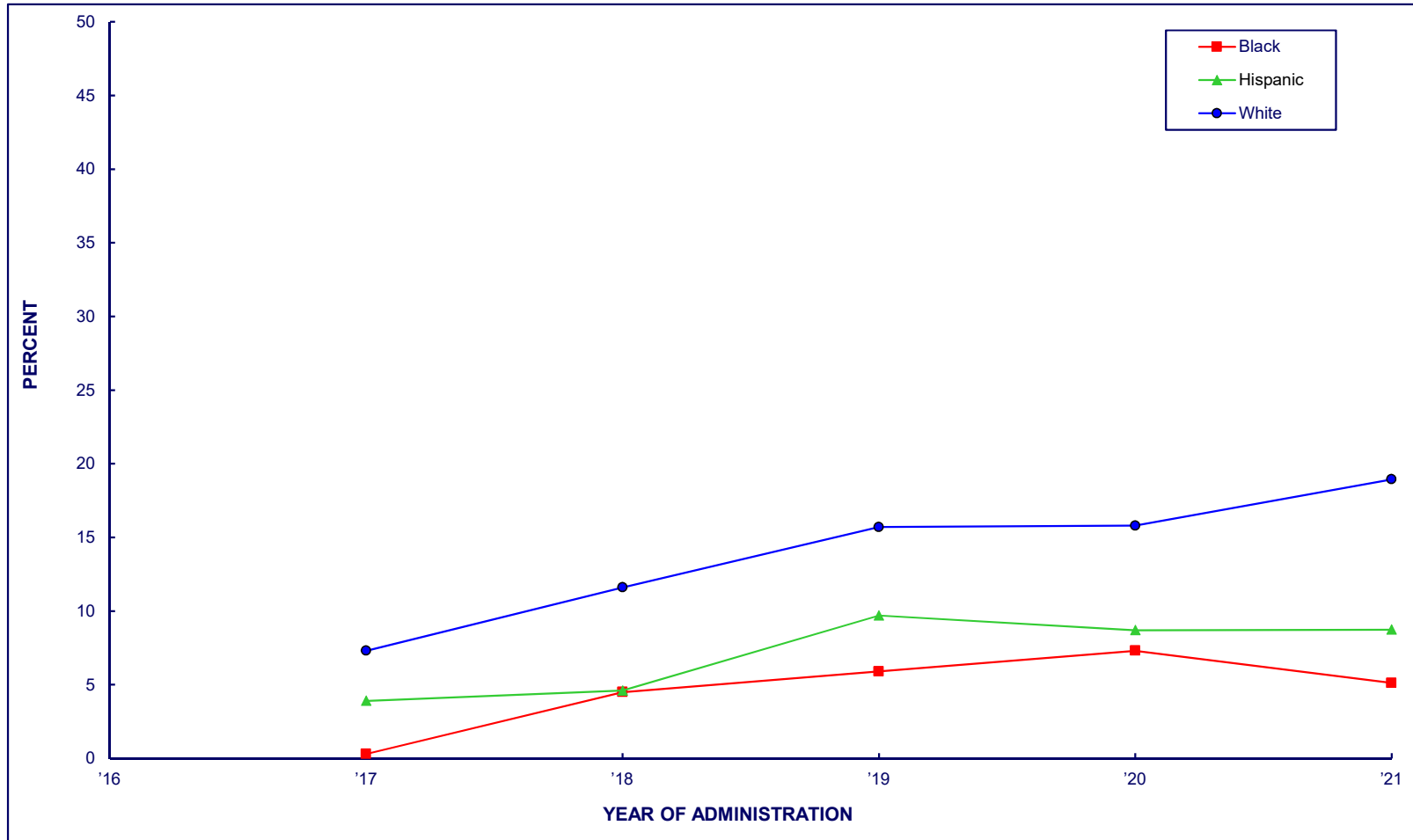
	2017	2018	2019	2020	2021	1-Year Change
Men	8.9	12.8	19.1	16.1	19.5	+3.4 p<.01
Women	4.5	7.9	10.6	11.9	14.0	+2.2 p<.05

FIGURE 93
VAPING NICOTINE
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Geographic Region



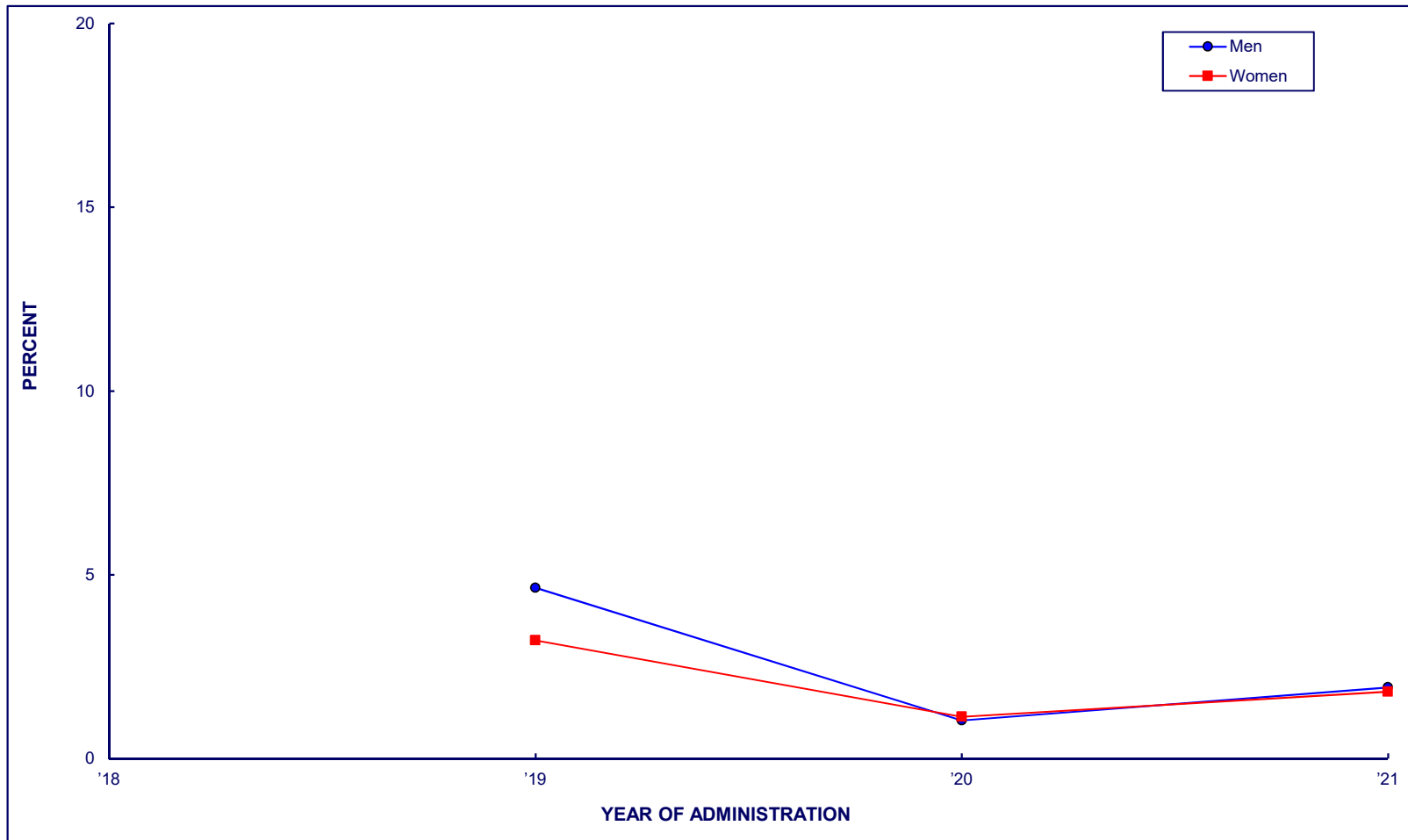
	2017	2018	2019	2020	2021	1-Year Change
Northeast	7.7	9.2	15.9	12.8	16.5	+3.8 p<.05
Midwest	5.1	9.6	12.4	14.7	18.9	+4.1 p<.01
South	6.4	9.2	14.6	12.0	15.2	+3.1 p<.05
West	6.1	12.6	13.7	15.1	13.9	n.s.

FIGURE 94
VAPING NICOTINE
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Race/Ethnicity



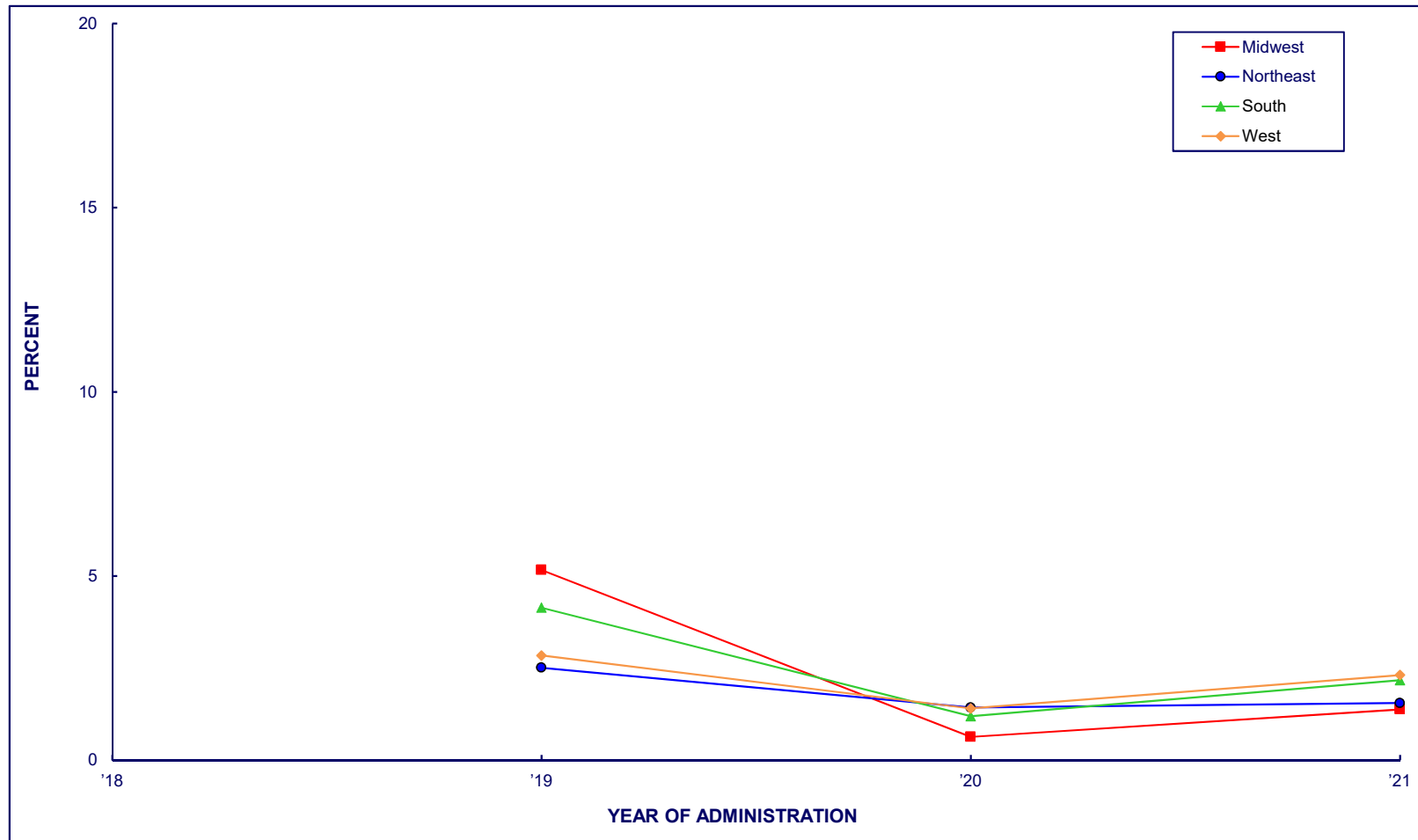
	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>1-Year</u> <u>Change</u>
White	7.3	11.6	15.7	15.8	18.9	+0.9 p<.05
Black	0.3	4.5	5.9	7.3	5.1	n.s.
Hispanic	3.9	4.6	9.7	8.7	8.7	n.s.

FIGURE 95
VAPING NICOTINE
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Sex



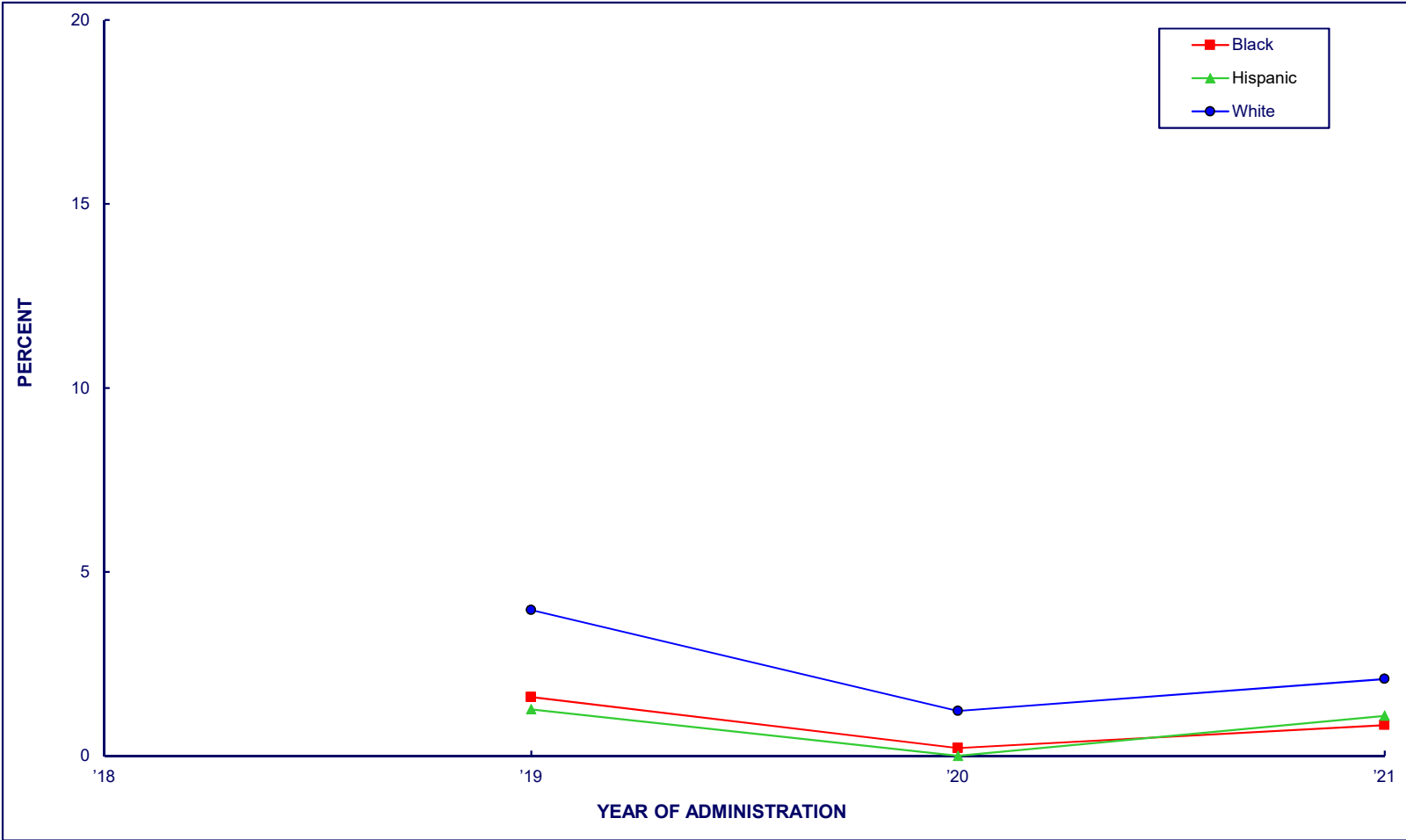
	2019	2020	2021	1-Year Change
Men	4.6	1.0	1.9	n.s.
Women	3.2	1.1	1.8	n.s.

FIGURE 96
VAPING NICOTINE
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Geographic Region



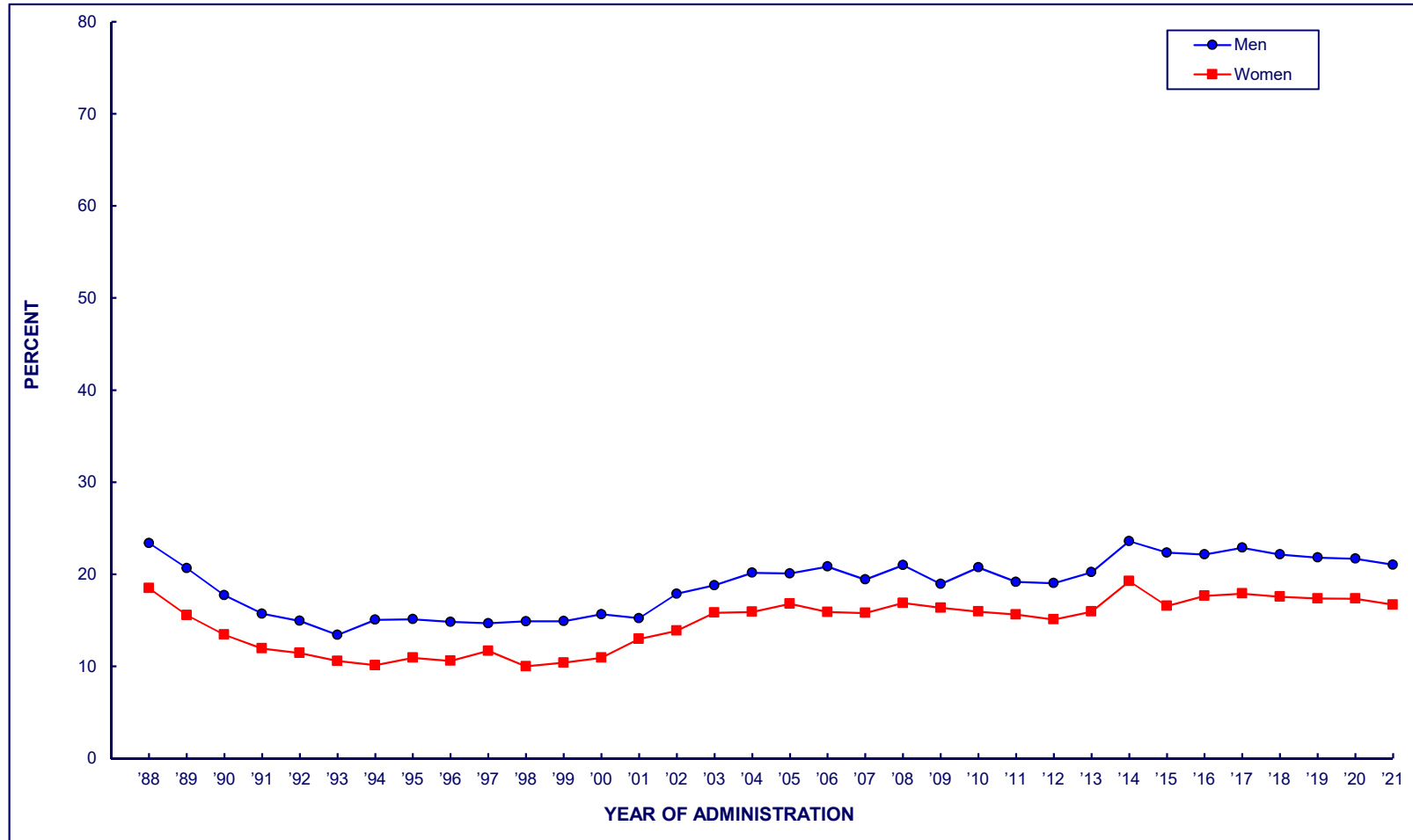
	2019	2020	2021	1-Year Change
Northeast	2.5	1.4	1.6	n.s.
Midwest	5.2	0.6	1.4	n.s.
South	4.1	1.2	2.2	n.s.
West	2.8	1.4	2.3	n.s.

FIGURE 97
VAPING NICOTINE
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Race/Ethnicity



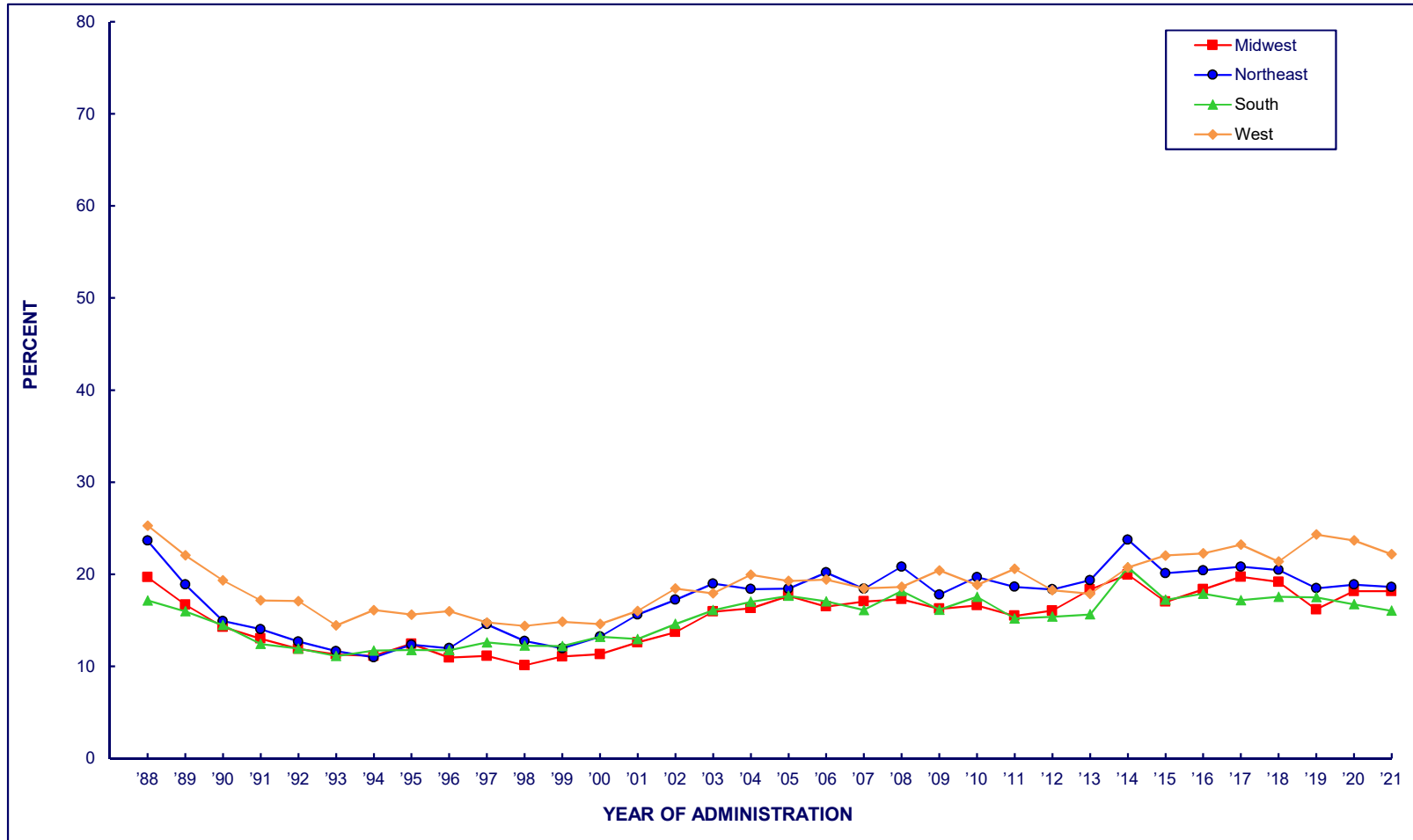
	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>1-Year</u> <u>Change</u>
White	4.0	1.2	2.1	+0.9 p<.05
Black	1.6	0.2	0.8	n.s.
Hispanic	1.3	0.0	1.1	n.s.

FIGURE 98
ANY DRUG OTHER THAN MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30, by Sex



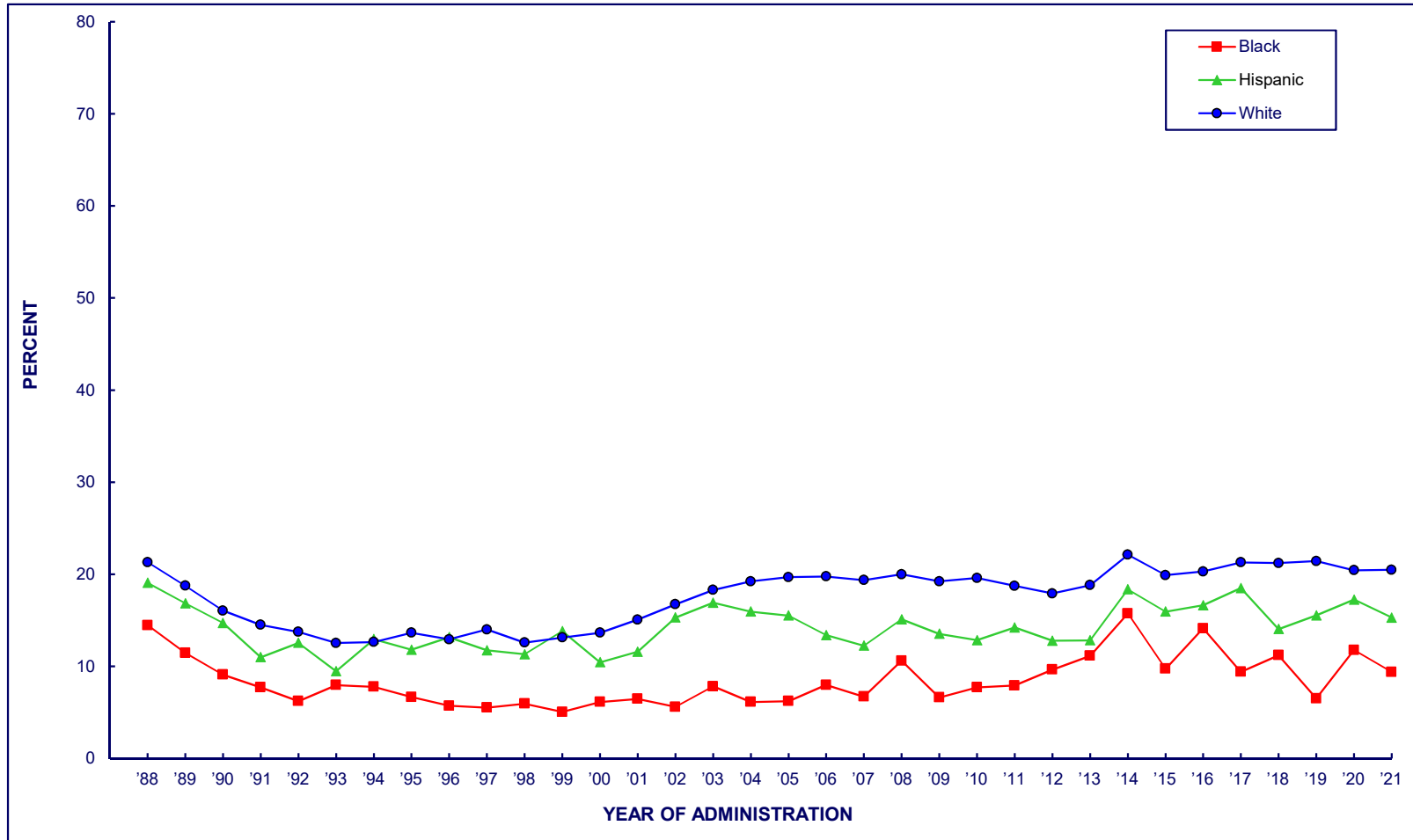
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	23.4	20.7	17.7	15.7	14.9	13.4	15.0	15.1	14.8	14.7	14.9	14.9	15.6	15.2	17.9	18.8	20.1	20.1	20.8	19.4	21.0	18.9	20.7	19.2	19.0	20.2	23.6	22.3	22.1	22.9	22.1	21.8	21.7	21.0	n.s.
Women	18.5	15.5	13.4	11.9	11.4	10.6	10.1	10.9	10.6	11.7	10.0	10.4	10.9	13.0	13.9	15.8	15.9	16.8	15.9	15.8	16.9	16.3	15.9	15.6	15.1	15.9	19.2	16.6	17.6	17.9	17.6	17.4	17.3	16.7	n.s.

FIGURE 99
ANY DRUG OTHER THAN MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30, by Geographic Region



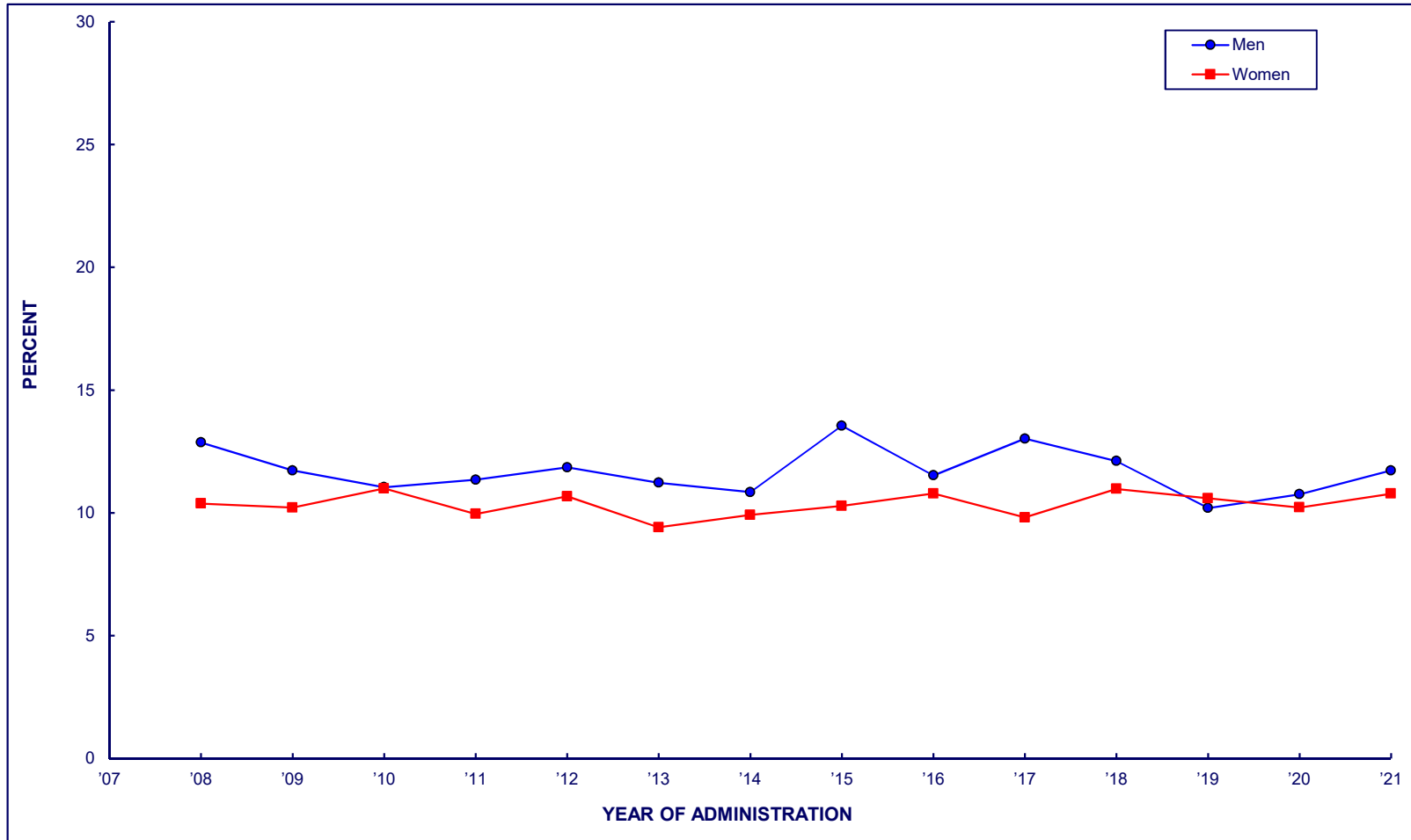
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	23.6	18.9	14.9	14.0	12.7	11.6	11.0	12.3	12.0	14.6	12.7	11.9	13.2	15.6	17.2	19.0	18.4	18.4	20.2	18.4	20.8	17.8	19.7	18.6	18.4	19.3	23.7	20.1	20.4	20.8	20.5	18.5	18.9	18.6	n.s.
Midwest	19.7	16.7	14.3	13.0	11.9	11.3	11.1	12.4	10.9	11.1	10.1	11.1	11.3	12.6	13.7	15.9	16.3	17.6	16.5	17.0	17.3	16.2	16.6	15.5	16.0	18.3	20.0	17.0	18.3	19.7	19.2	16.2	18.2	18.1	n.s.
South	17.1	16.0	14.5	12.4	11.9	11.1	11.7	11.8	11.7	12.6	12.2	12.2	13.2	12.9	14.6	16.1	17.0	17.6	17.0	16.1	18.2	16.1	17.5	15.2	15.4	15.6	20.7	17.2	17.9	17.2	17.5	17.5	16.7	16.0	n.s.
West	25.3	22.0	19.3	17.2	17.1	14.4	16.1	15.6	16.0	14.8	14.4	14.8	14.6	16.0	18.4	17.9	19.9	19.3	19.4	18.5	18.6	20.4	18.8	20.6	18.3	17.9	20.7	22.0	22.3	23.2	21.4	24.3	23.7	22.2	n.s.

FIGURE 100
ANY DRUG OTHER THAN MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 19 through 30, by Race/Ethnicity



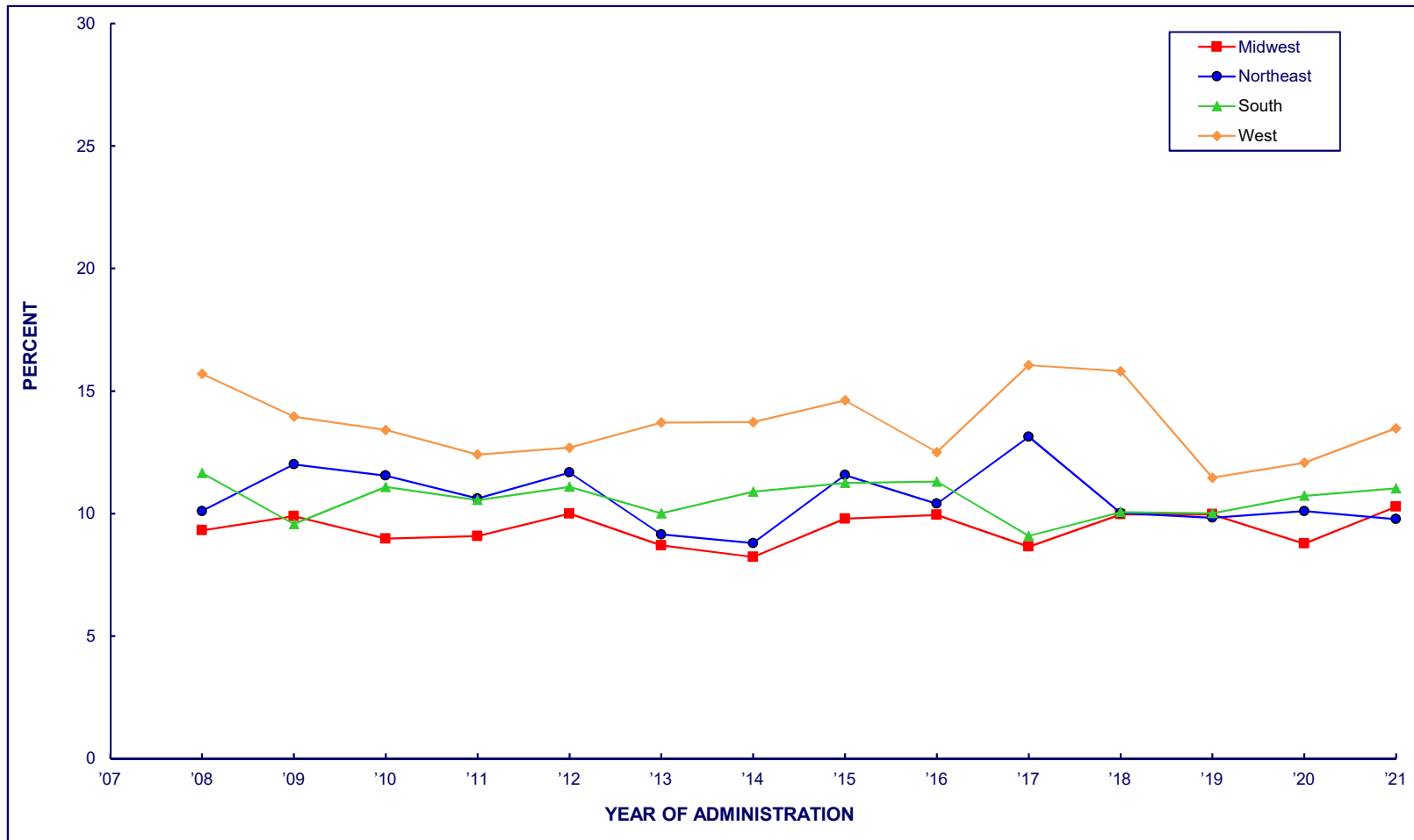
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	21.3	18.8	16.0	14.5	13.7	12.5	12.6	13.6	12.9	14.0	12.6	13.1	13.6	15.1	16.7	18.3	19.2	19.7	19.8	19.4	20.0	19.2	19.6	18.7	17.9	18.8	22.1	19.9	20.3	21.3	21.2	21.4	20.4	20.5	n.s.
Black	14.5	11.5	9.1	7.7	6.2	8.0	7.8	6.7	5.7	5.5	5.9	5.0	6.1	6.5	5.6	7.8	6.1	6.2	8.0	6.7	10.6	6.6	7.7	7.9	9.6	11.1	15.7	9.7	14.1	9.4	11.2	6.5	11.8	9.4	n.s.
Hispanic	19.1	16.8	14.7	11.0	12.5	9.5	12.9	11.8	13.2	11.7	11.3	13.8	10.4	11.6	15.3	16.9	15.9	15.5	13.4	12.2	15.1	13.5	12.8	14.2	12.8	12.8	18.4	15.9	16.6	18.5	14.0	15.5	17.2	15.3	n.s.

FIGURE 101
ANY DRUG OTHER THAN MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 35 through 50, by Sex



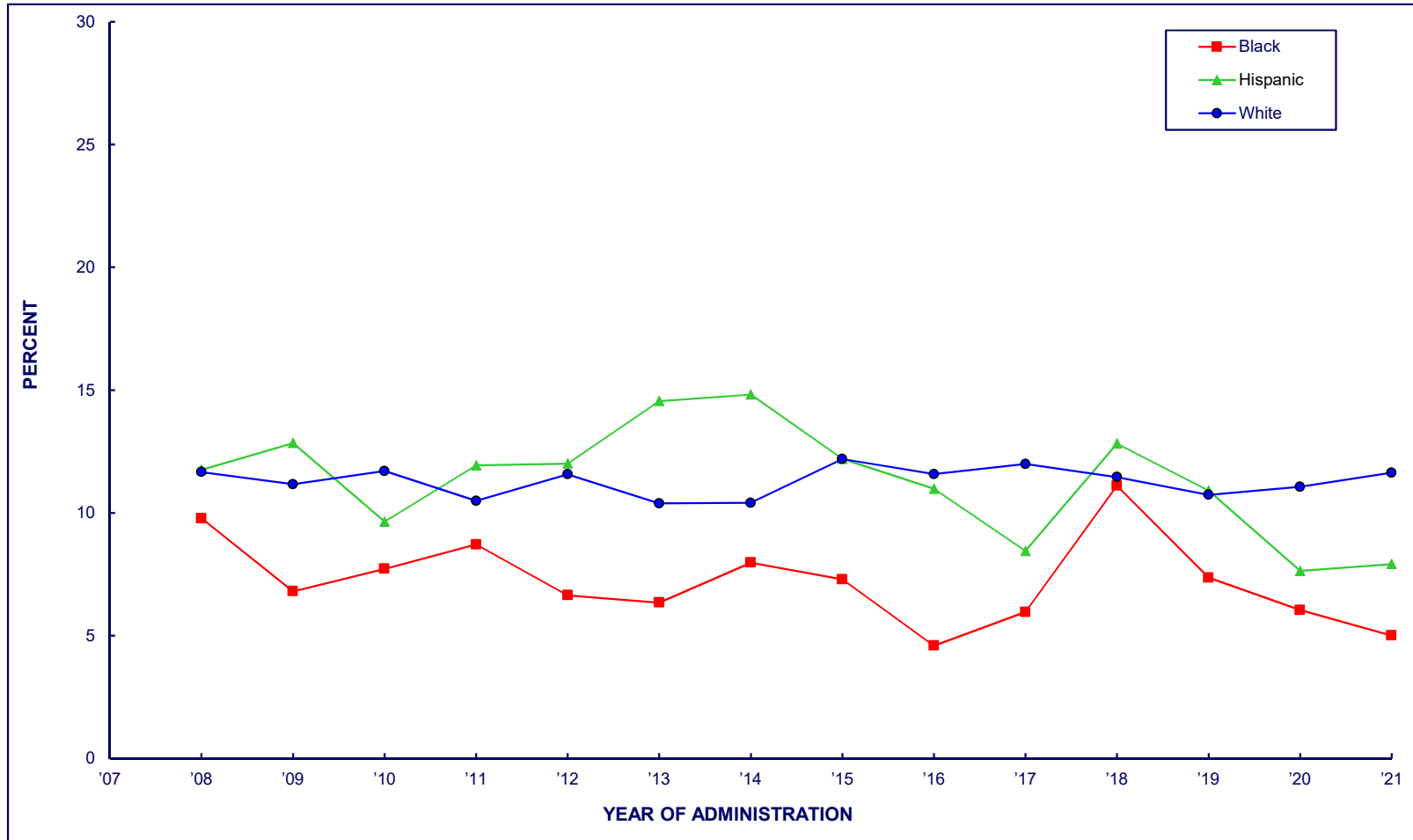
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	12.9	11.7	11.0	11.3	11.9	11.2	10.8	13.5	11.5	13.0	12.1	10.2	10.8	11.7	n.s.
Women	10.4	10.2	11.0	10.0	10.7	9.4	9.9	10.3	10.8	9.8	11.0	10.6	10.2	10.8	n.s.

FIGURE 102
ANY DRUG OTHER THAN MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 35 through 50, by Geographic Region



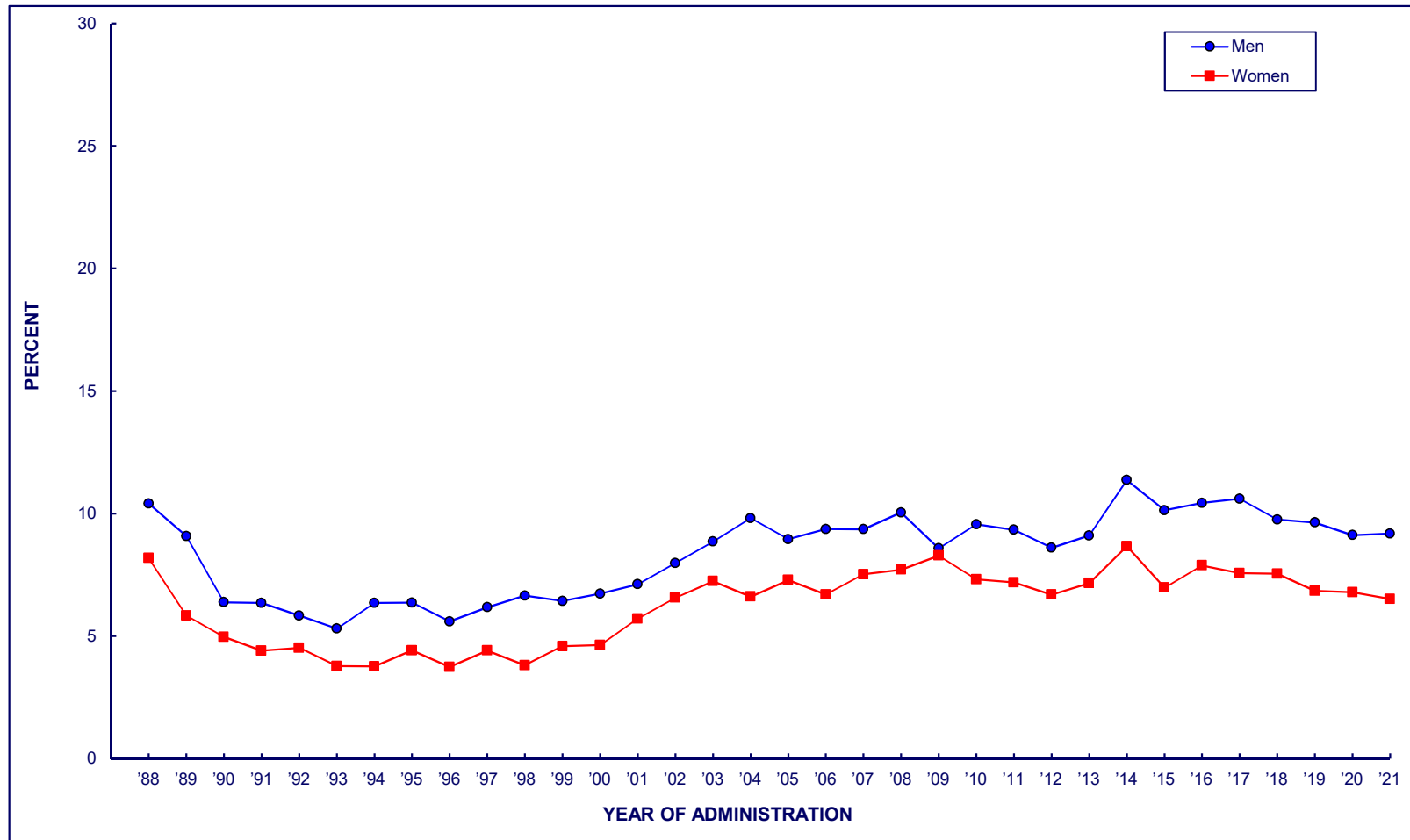
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Northeast	10.1	12.0	11.5	10.6	11.7	9.1	8.8	11.6	10.4	13.1	10.0	9.8	10.1	9.8	n.s.
Midwest	9.3	9.9	9.0	9.1	10.0	8.7	8.2	9.8	9.9	8.6	10.0	10.0	8.8	10.3	n.s.
South	11.7	9.6	11.1	10.6	11.1	10.0	10.9	11.3	11.3	9.1	10.1	10.0	10.7	11.0	n.s.
West	15.7	14.0	13.4	12.4	12.7	13.7	13.7	14.6	12.5	16.1	15.8	11.5	12.1	13.5	n.s.

FIGURE 103
ANY DRUG OTHER THAN MARIJUANA
Trends in 12-Month Prevalence
among Respondents of Modal Ages 35 through 50, by Race/Ethnicity



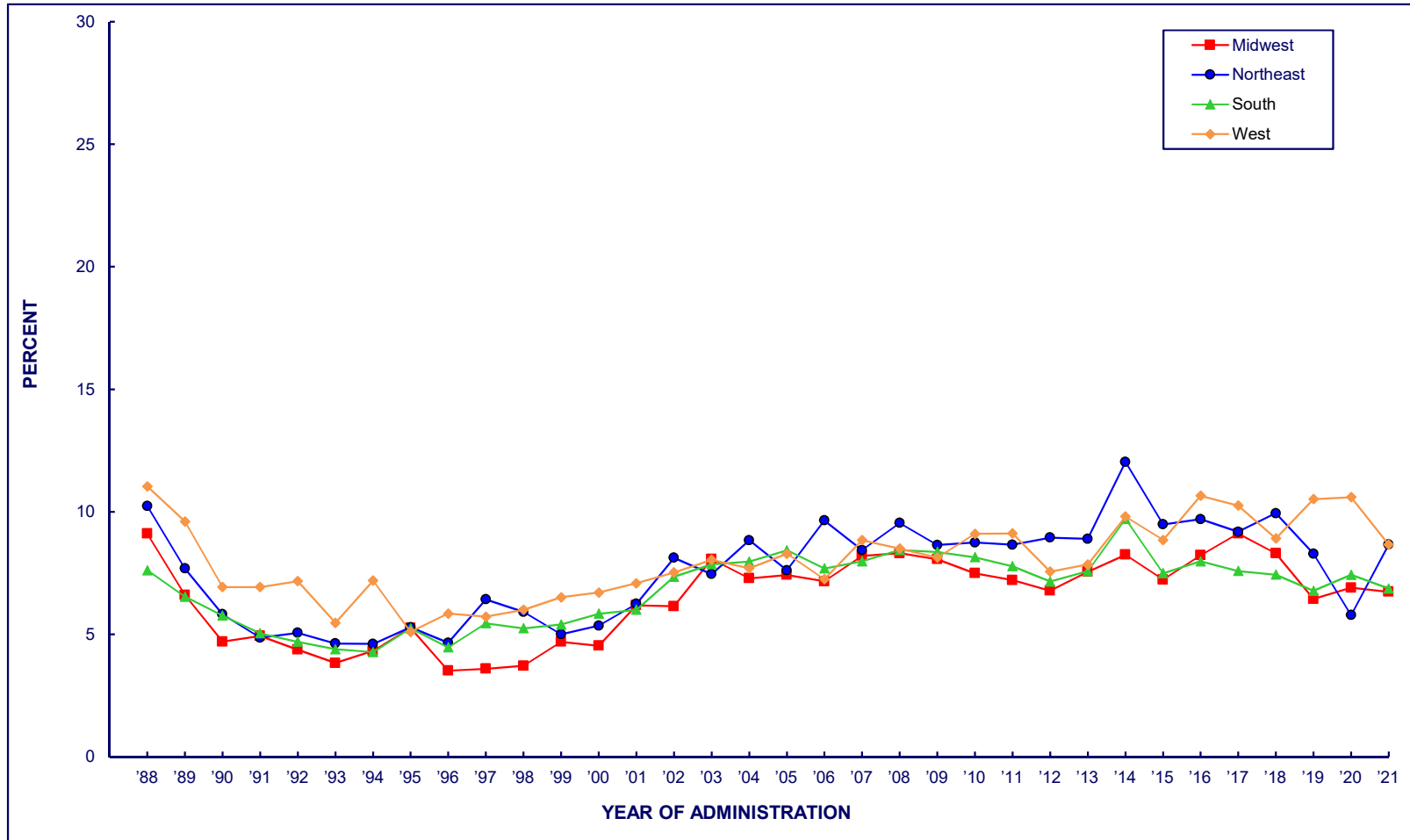
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	11.7	11.2	11.7	10.5	11.6	10.4	10.4	12.2	11.6	12.0	11.5	10.7	11.1	11.6	n.s.
Black	9.8	6.8	7.7	8.7	6.6	6.3	8.0	7.3	4.6	6.0	11.1	7.4	6.0	5.0	n.s.
Hispanic	11.8	12.8	9.6	11.9	12.0	14.6	14.8	12.2	11.0	8.4	12.8	10.9	7.6	7.9	n.s.

FIGURE 104
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Sex



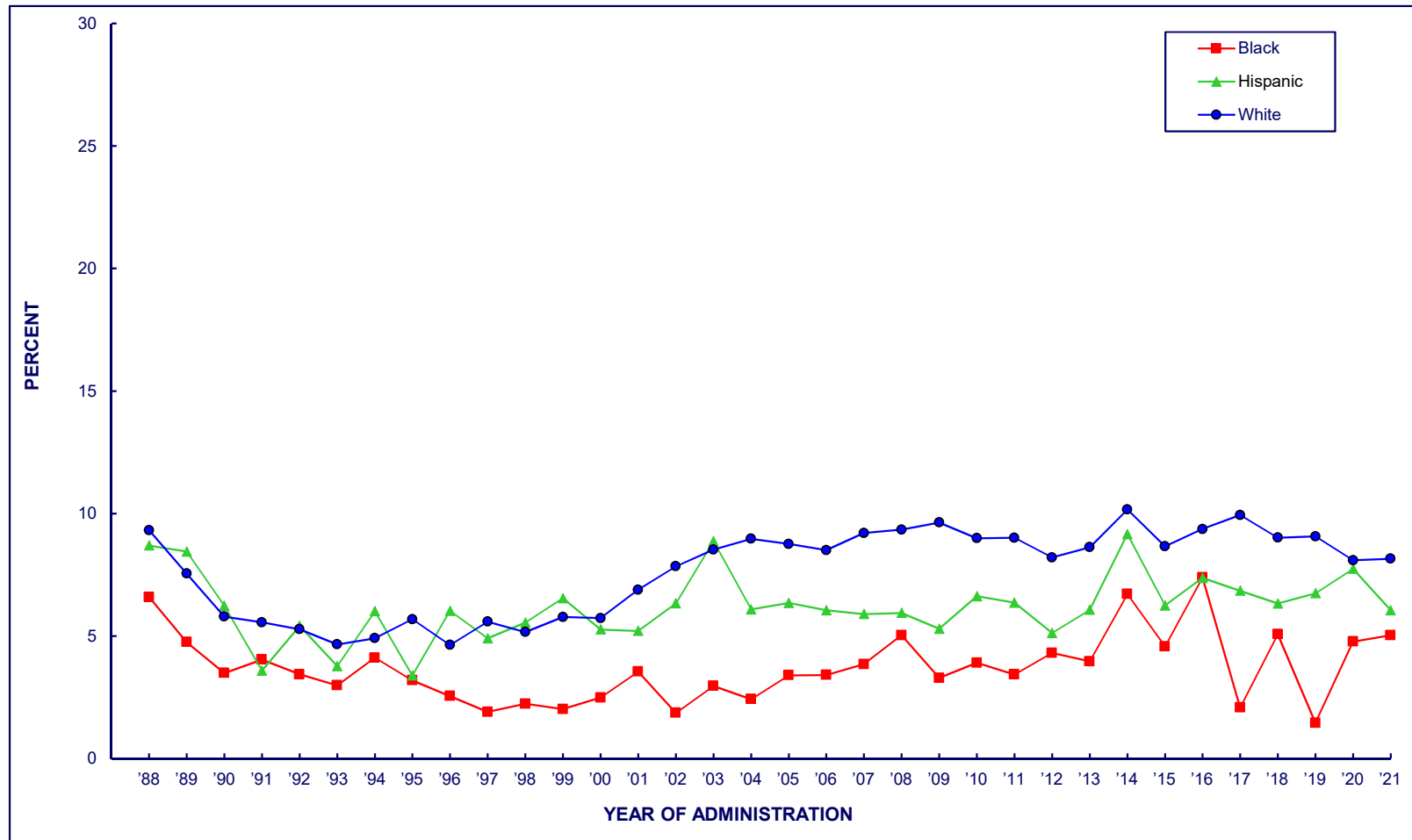
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
Men	10.4	9.1	6.4	6.3	5.8	5.3	6.3	6.4	5.6	6.2	6.6	6.4	6.7	7.1	8.0	8.9	9.8	8.9	9.4	9.4	10.0	8.6	9.6	9.3	8.6	9.1	11.4	10.1	10.4	10.6	9.8	9.6	9.1	9.2	n.s.
Women	8.2	5.8	5.0	4.4	4.5	3.8	3.8	4.4	3.7	4.4	3.8	4.6	4.6	5.7	6.6	7.2	6.6	7.3	6.7	7.5	7.7	8.3	7.3	7.2	6.7	7.2	8.7	7.0	7.9	7.6	7.5	6.8	6.8	6.5	n.s.

FIGURE 105
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Geographic Region



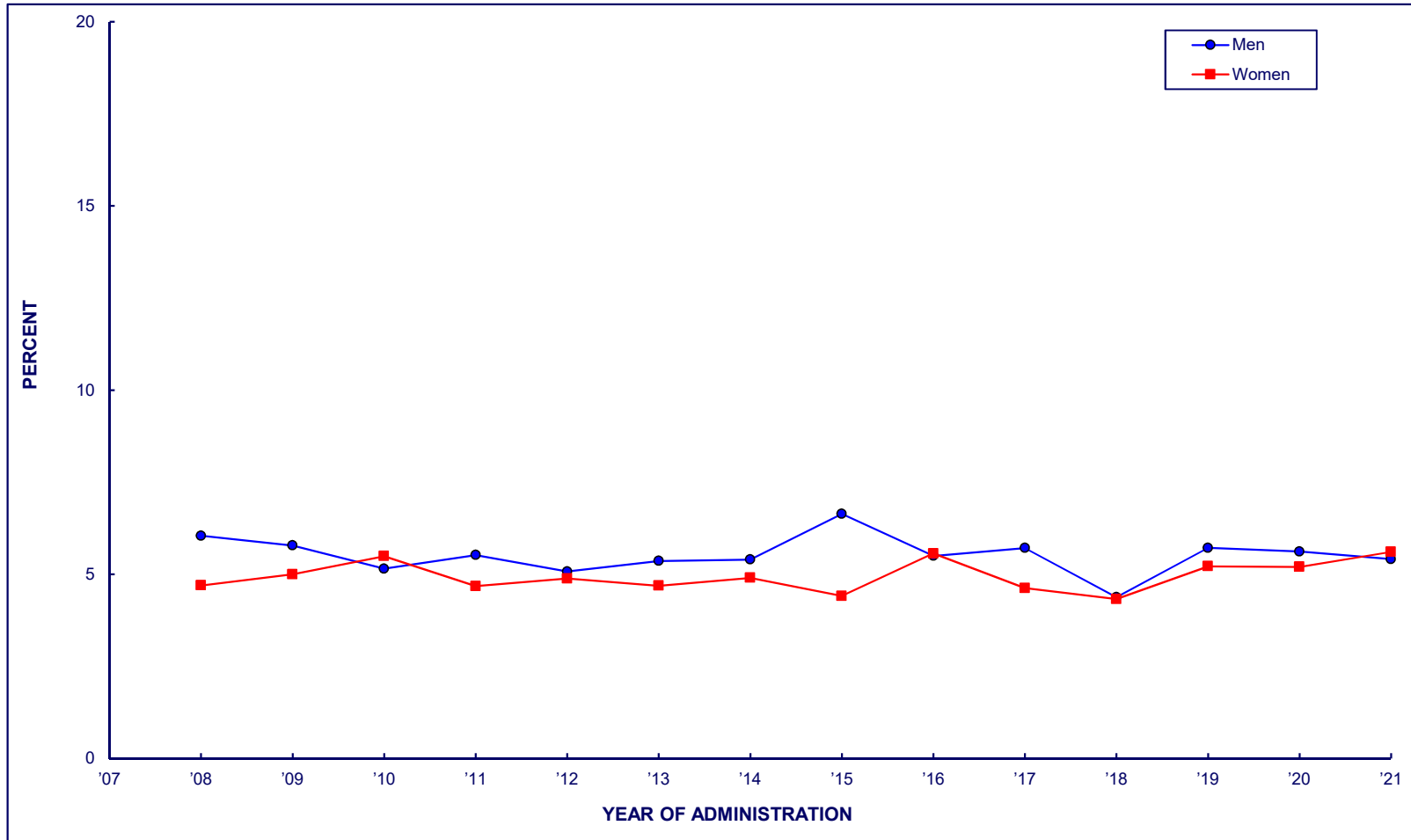
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change	
Northeast	10.2	7.7	5.8	4.9	5.1	4.6	4.6	5.3	4.6	6.4	5.9	5.0	5.4	6.2	8.1	7.5	8.8	7.6	9.6	8.4	9.5	8.6	8.7	8.7	8.9	8.9	12.0	9.5	9.7	9.2	9.9	8.3	5.8	8.7	+2.9	p<.05
Midwest	9.1	6.6	4.7	4.9	4.4	3.8	4.3	5.3	3.5	3.6	3.7	4.7	4.5	6.2	6.1	8.1	7.3	7.4	7.2	8.2	8.3	8.1	7.5	7.2	6.8	7.5	8.2	7.2	8.2	9.1	8.3	6.4	6.9	6.7	n.s.	
South	7.6	6.5	5.8	5.0	4.7	4.4	4.3	5.2	4.5	5.4	5.2	5.4	5.8	6.0	7.3	7.9	8.0	8.4	7.7	8.0	8.4	8.4	8.1	7.8	7.2	7.6	9.7	7.5	8.0	7.6	7.4	6.8	7.4	6.9	n.s.	
West	11.0	9.6	6.9	6.9	7.2	5.5	7.2	5.1	5.8	5.7	6.0	6.5	6.7	7.1	7.5	8.0	7.7	8.3	7.2	8.8	8.5	8.1	9.1	9.1	7.6	7.8	9.8	8.8	10.7	10.3	8.9	10.5	10.6	8.7	n.s.	

FIGURE 106
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 19 through 30, by Race/Ethnicity



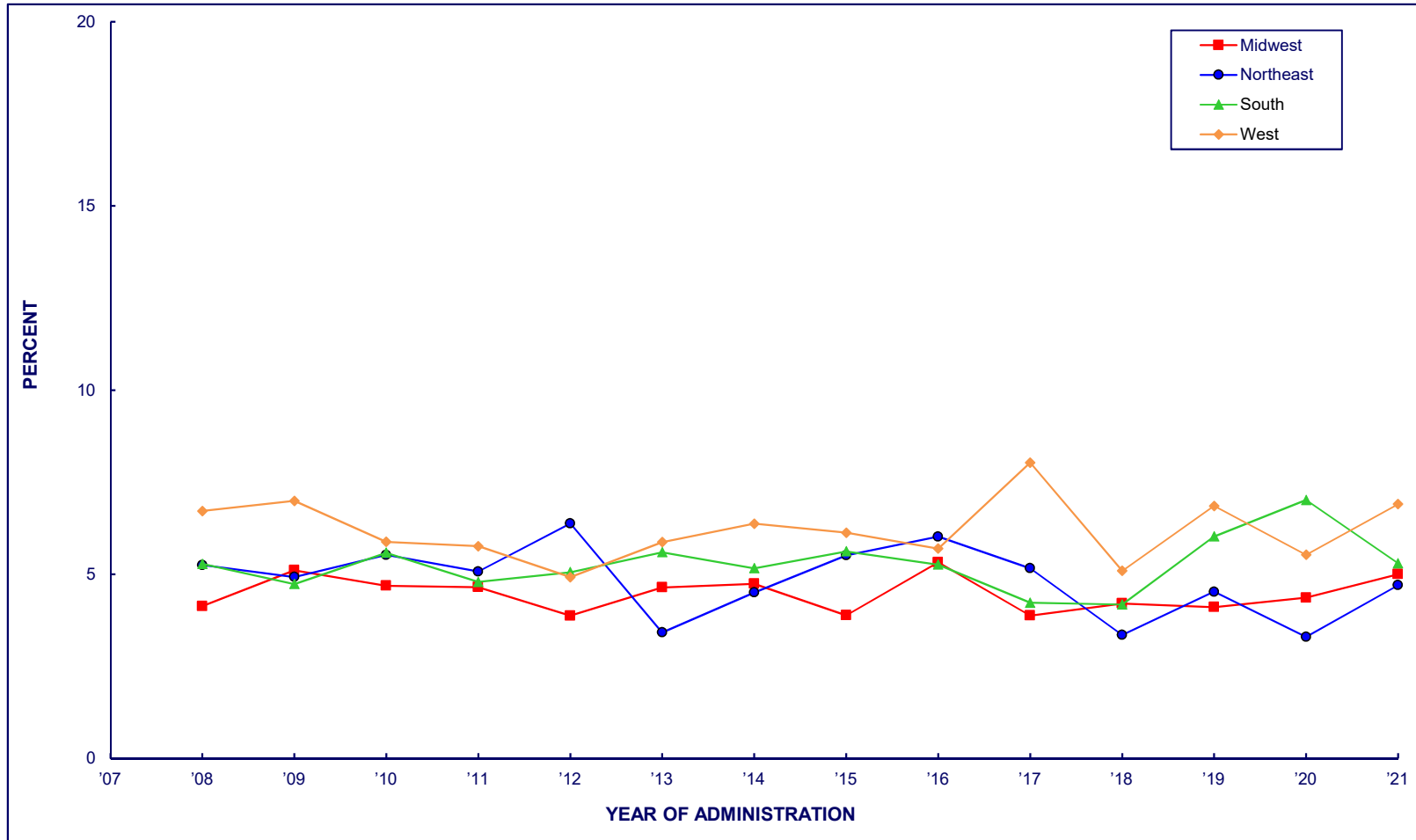
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	9.3	7.5	5.8	5.6	5.3	4.7	4.9	5.7	4.6	5.6	5.2	5.8	5.7	6.9	7.8	8.5	9.0	8.8	8.5	9.2	9.3	9.6	9.0	9.0	8.2	8.6	10.2	8.7	9.4	9.9	9.0	9.1	8.1	8.2	n.s.
Black	6.6	4.8	3.5	4.0	3.4	3.0	4.1	3.2	2.6	1.9	2.2	2.0	2.5	3.5	1.9	3.0	2.4	3.4	3.4	3.8	5.0	3.3	3.9	3.4	4.3	4.0	6.7	4.6	7.4	2.1	5.1	1.5	4.8	5.0	n.s.
Hispanic	8.7	8.4	6.2	3.6	5.4	3.8	6.0	3.4	6.0	4.9	5.5	6.5	5.3	5.2	6.3	8.9	6.1	6.3	6.1	5.9	5.9	5.3	6.6	6.4	5.1	6.1	9.2	6.2	7.4	6.8	6.3	6.7	7.7	6.0	n.s.

FIGURE 107
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Sex



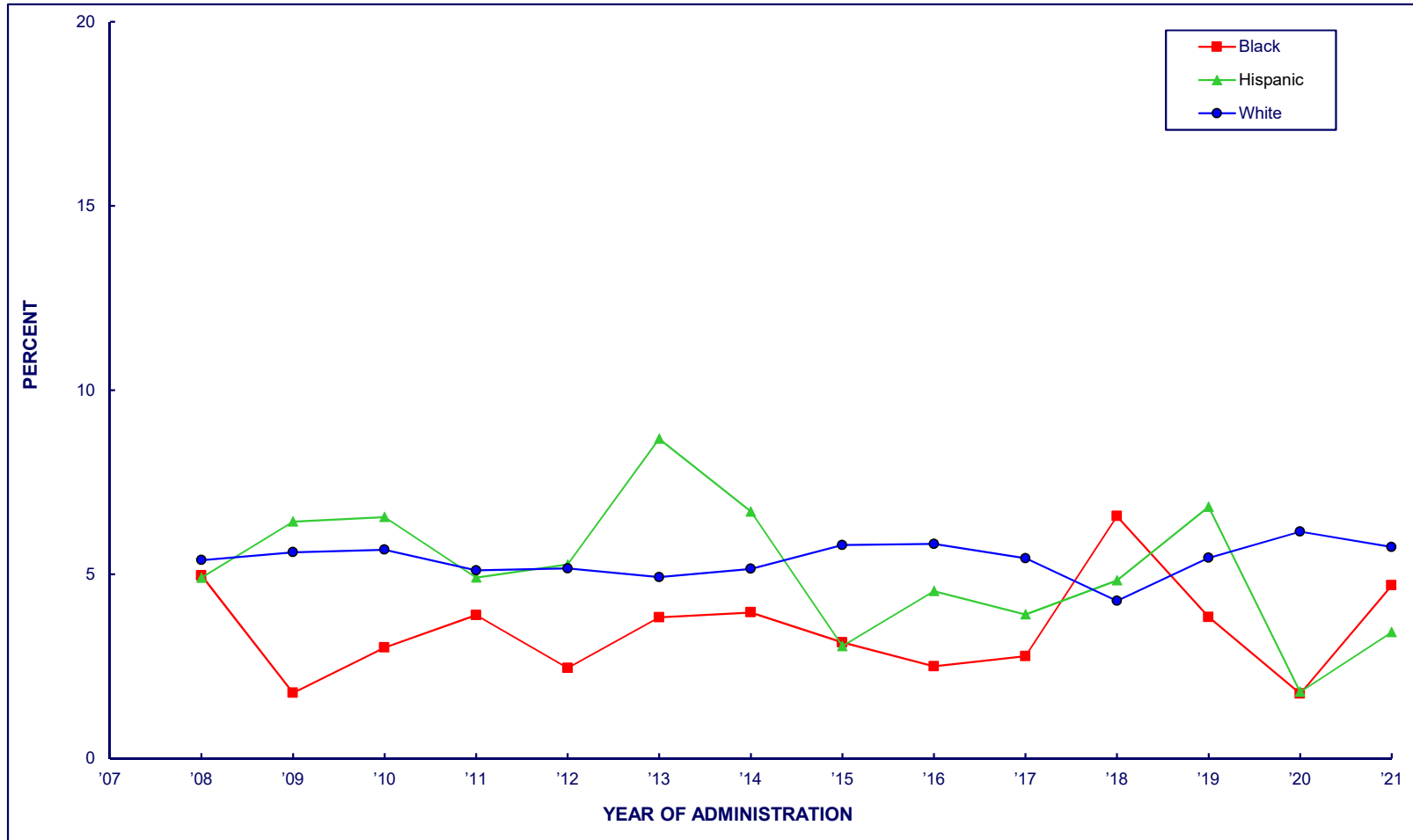
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>1-Year Change</u>
Men	6.0	5.8	5.1	5.5	5.1	5.4	5.4	6.6	5.5	5.7	4.4	5.7	5.6	5.4	n.s.
Women	4.7	5.0	5.5	4.7	4.9	4.7	4.9	4.4	5.6	4.6	4.3	5.2	5.2	5.6	n.s.

FIGURE 108
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Geographic Region



	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>1-Year Change</u>
Northeast	5.2	4.9	5.5	5.1	6.4	3.4	4.5	5.5	6.0	5.2	3.4	4.5	3.3	4.7	n.s.
Midwest	4.1	5.1	4.7	4.6	3.9	4.6	4.7	3.9	5.3	3.9	4.2	4.1	4.4	5.0	n.s.
South	5.3	4.7	5.6	4.8	5.1	5.6	5.2	5.6	5.3	4.2	4.2	6.0	7.0	5.3	n.s.
West	6.7	7.0	5.9	5.8	4.9	5.9	6.4	6.1	5.7	8.0	5.1	6.9	5.5	6.9	n.s.

FIGURE 109
ANY DRUG OTHER THAN MARIJUANA
Trends in 30-Day Prevalence
among Respondents of Modal Ages 35 through 50, by Race/Ethnicity



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1-Year Change
White	5.4	5.6	5.7	5.1	5.2	4.9	5.1	5.8	5.8	5.4	4.3	5.4	6.2	5.7	n.s.
Black	5.0	1.8	3.0	3.9	2.5	3.8	4.0	3.1	2.5	2.8	6.6	3.8	1.8	4.7	n.s.
Hispanic	4.9	6.4	6.6	4.9	5.3	8.7	6.7	3.0	4.5	3.9	4.8	6.8	1.8	3.4	n.s.

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