

The 2008 Wyoming Prevention Needs Assessment: State Profile Report

Natrona County Appendix

Appendix Table of Contents

1. Survey Participation.....	2
2. Substance Use and Problem Behaviors	4
2.1. 6 th Grade Substance Use and Problem Behavior Rates	4
2.2. 8 th Grade Substance Use and Problem Behavior Rates	9
2.3. 10 th Grade Substance Use and Problem Behavior Rates	14
2.4. 12 th Grade Substance Use and Problem Behavior Rates	19
3. Risk Factor Prevalence Rates	24
3.1. 6 th Grade Risk Factor Results	24
3.2. 8 th Grade Risk Factor Prevalence Rates	28
3.3. 10 th Grade Risk Factor Prevalence Rates	32
3.4. 12 th Grade Risk Factor Prevalence Rates	36
4. Protective Factors Prevalence Rates	40
5. Alcohol in the Community	43
6. Social Norms	49
6.1. Social Norms Results for 6 th Grade	49
6.2. Social Norms Results for 8 th Grade	52
6.3. Social Norms Results for 10 th Grade	55
6.4. Social Norms Results for 12 th Grade	58

Table 2. Response rates by grade, 2008 PNA: Wyoming and Natrona County

		Wyoming		Natrona	
		Number of Valid Participants	Response Rate	Number of Valid Participants	Response Rate
Grade	6 th	4,926	77%	353	41%
	8 th	5,051	76%	727	81%
	10 th	4,280	60%	508	45%
	12 th	2,936	47%	303	36%
Total		17,193	65%	1,891	51%

2. Substance Use and Problem Behaviors

2.1. 6th Grade Substance Use and Problem Behavior Rates

Figure 1. Substance use and problem behavior prevalence rate profile, 2008 PNA: Natrona County, 6th graders

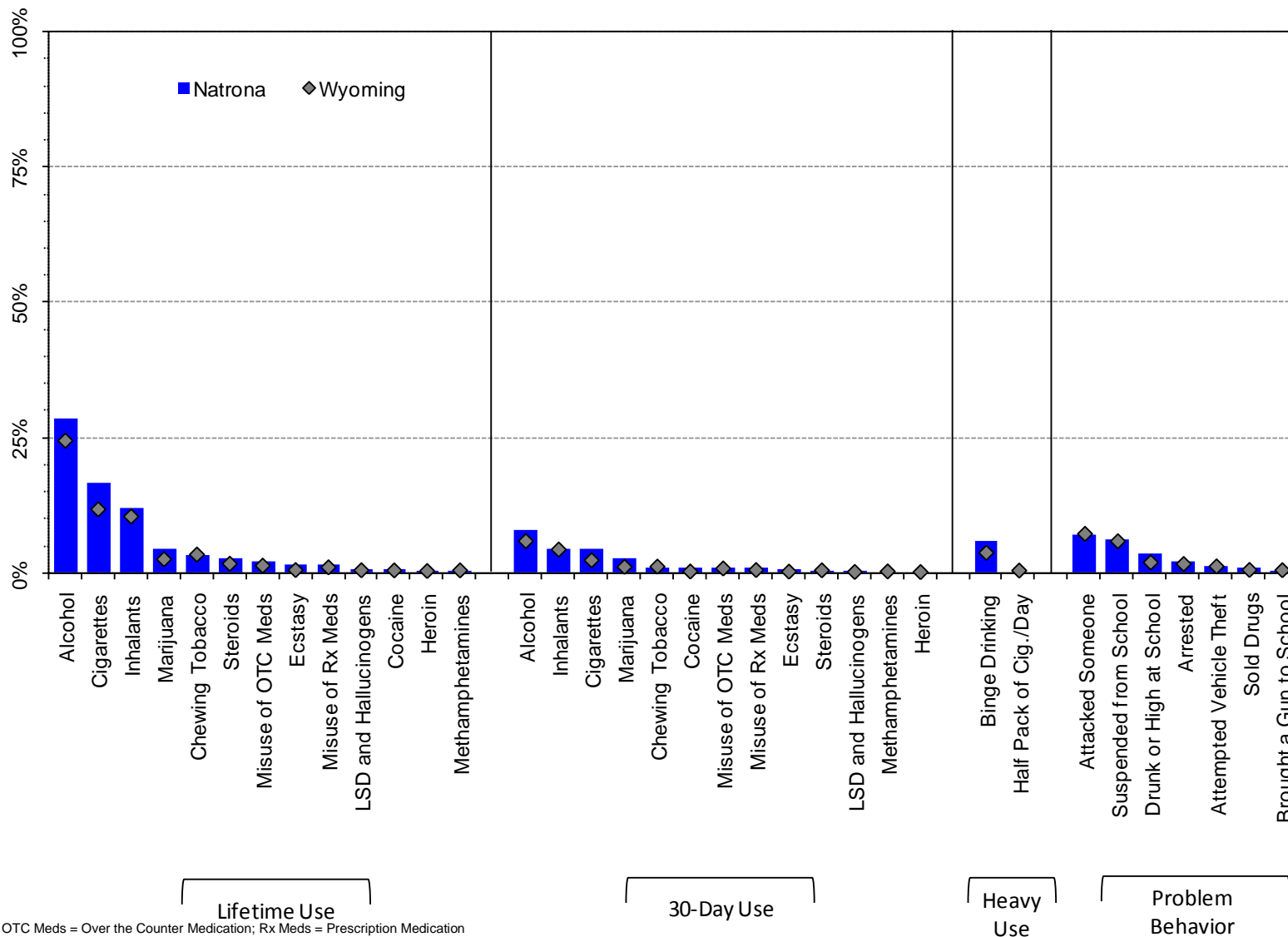
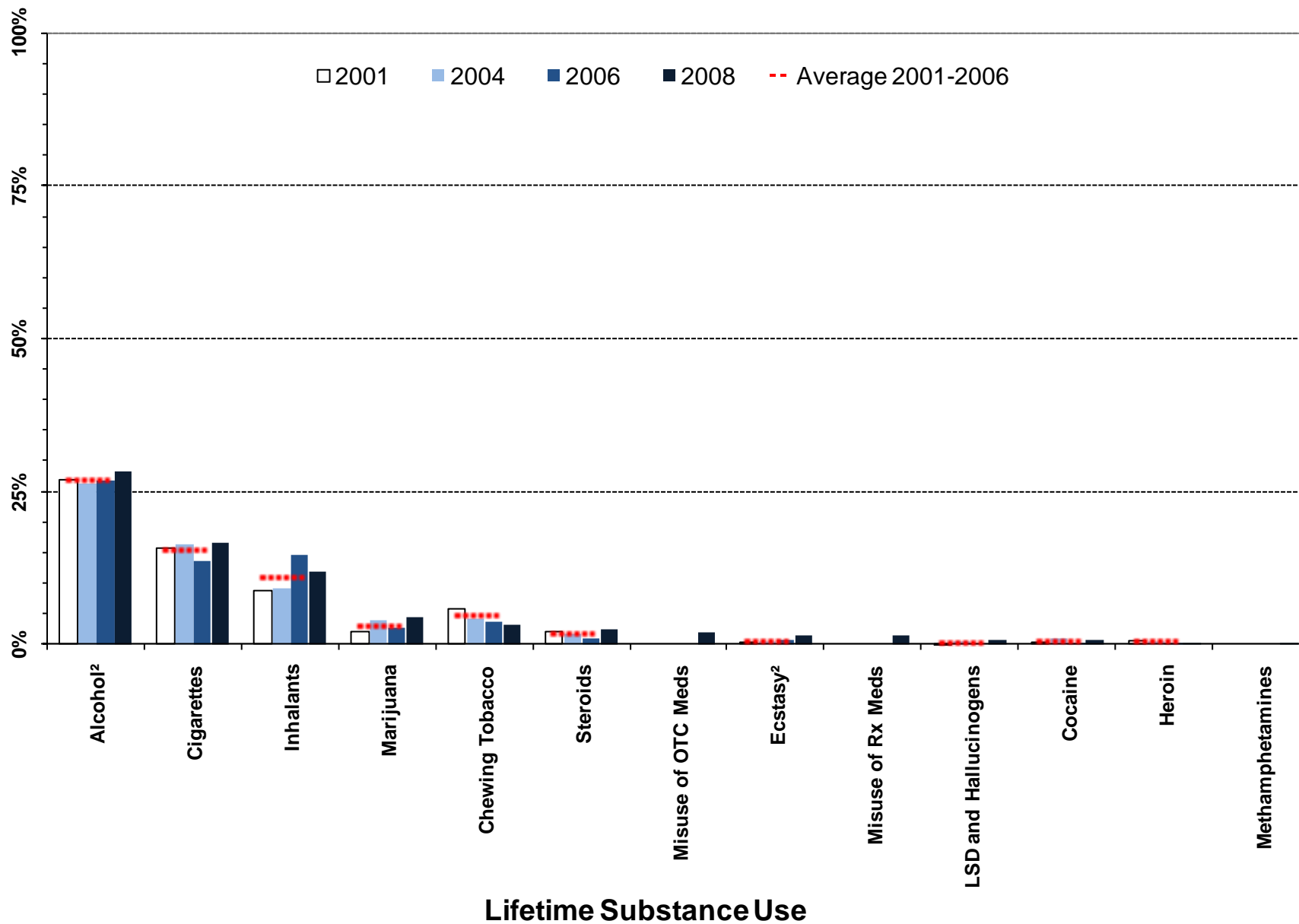


Figure 2. Lifetime substance use prevalence rates, 2001-2008 PNA: Natrona County, 6th graders

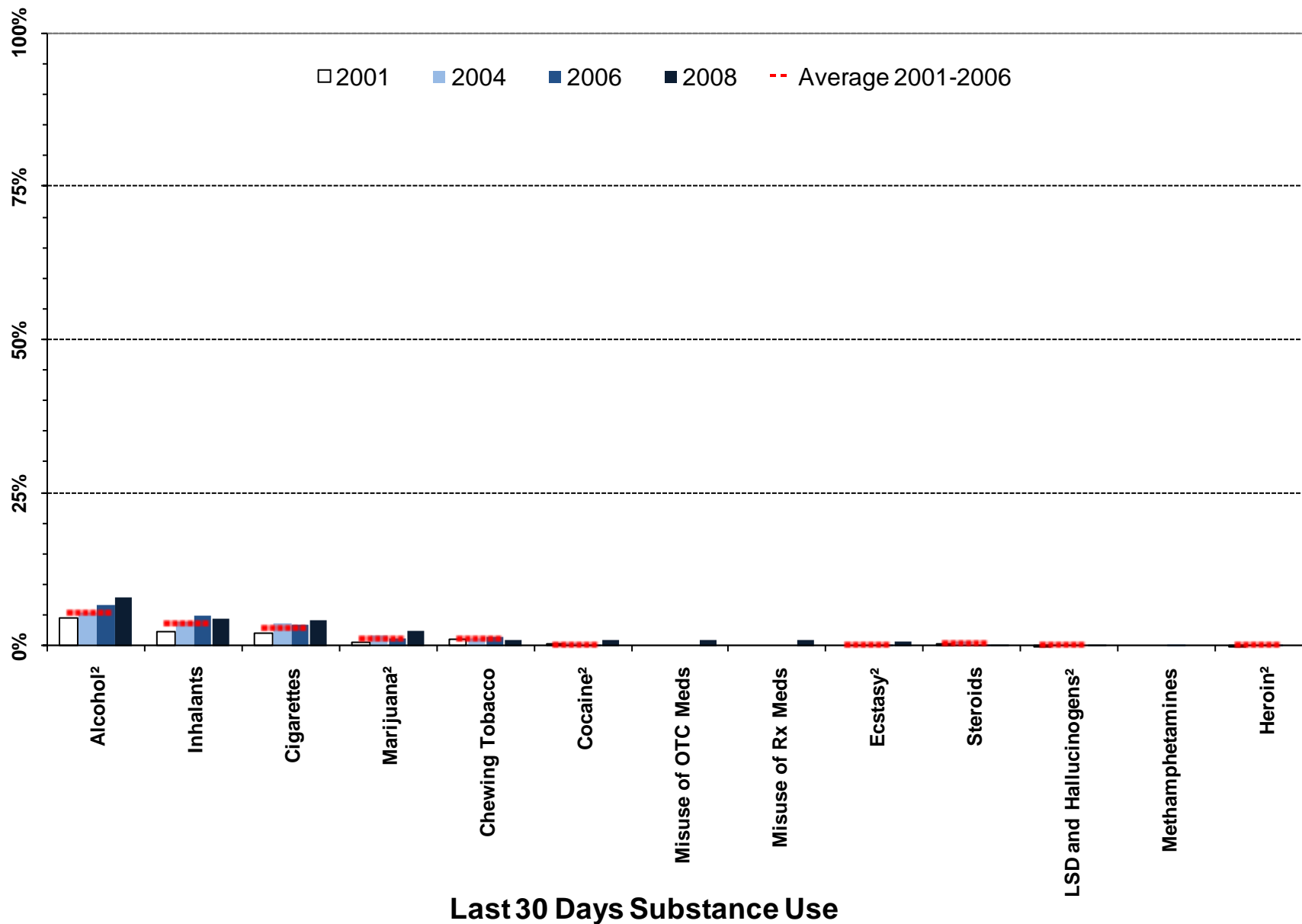


¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

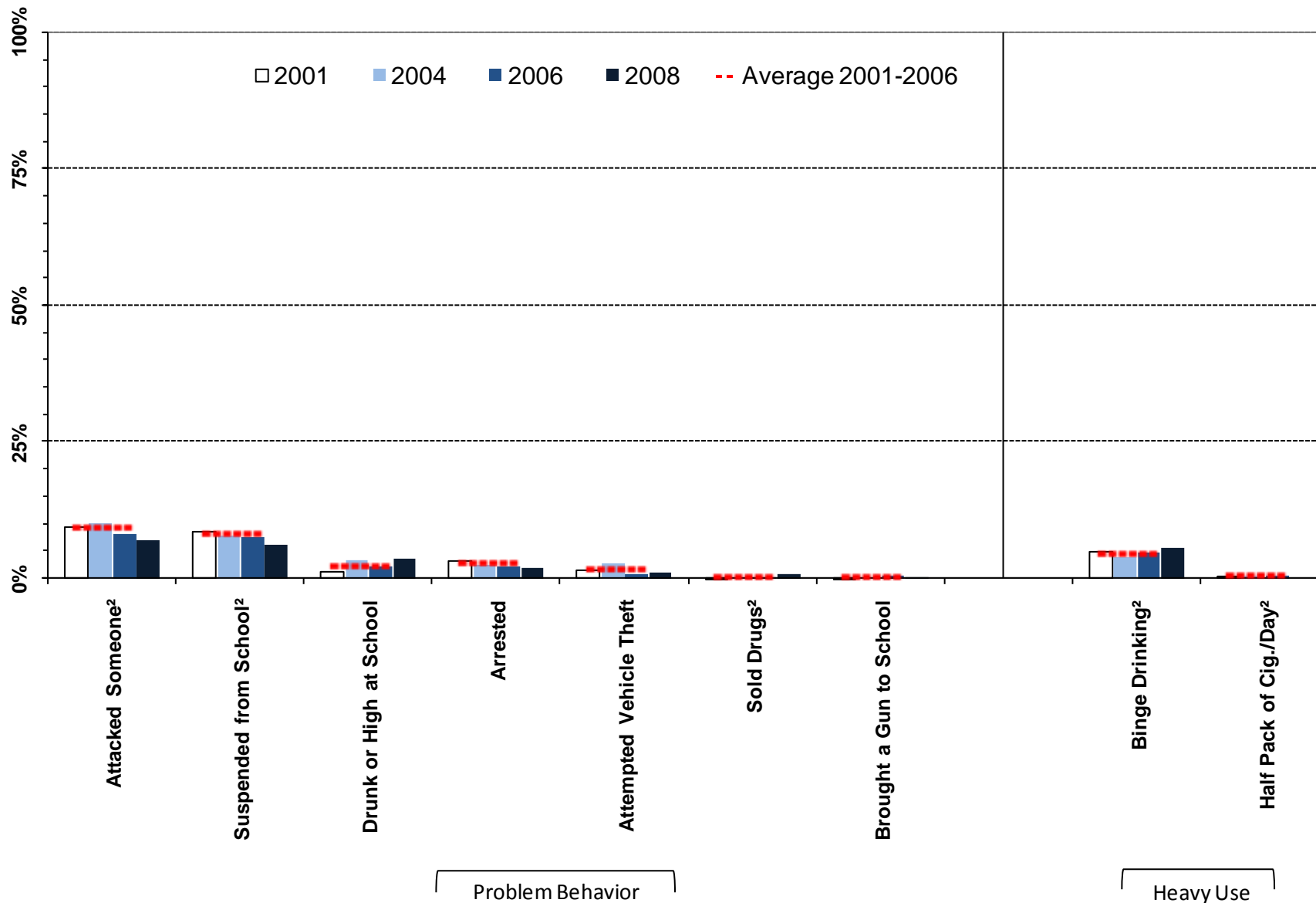
Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 3. Thirty-day substance use prevalence rates, 2001-2008 PNA: Natrona County, 6th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.
² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.
 Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Heavy substance use and problem behavior prevalence, 2001-2008 PNA: Natrona County, 6th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

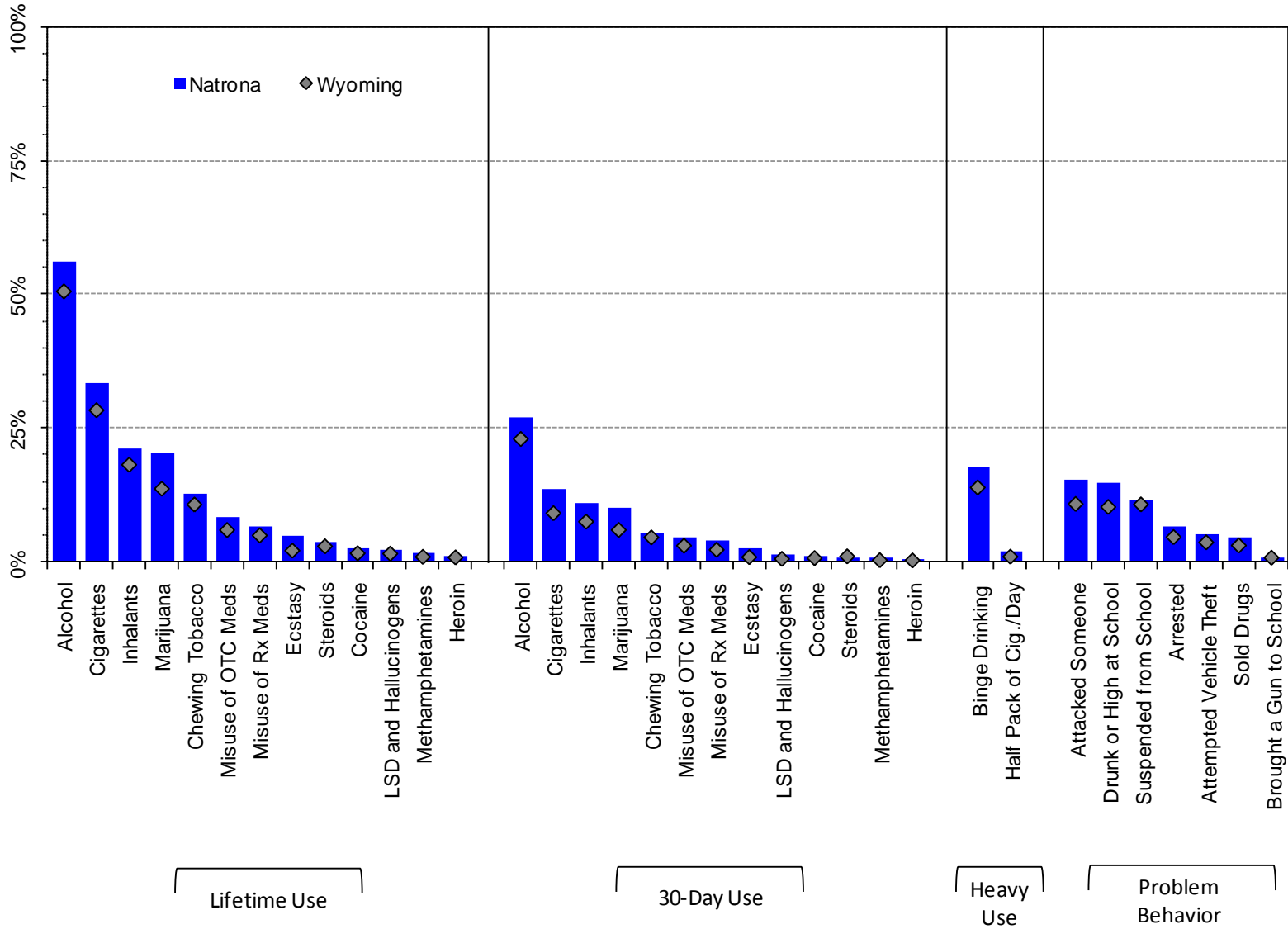
Table 3. Substance use and problem behavior prevalence rates for Natrona County, 6th grade

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
Lifetime Use	Alcohol	24%	4762	28%	314	27%	640	26%	482	27%	742	27%	0.3%
	Marijuana	2%	4795	4%	318	3%	637	4%	569	2%	738	3%	0.9%
	LSD and Hallucinogens	0%	4774	1%	317	0%	636	1%	564	0%	746	0%	0.3%
	Cocaine	0%	4797	1%	317	0%	638	1%	565	0%	742	0%	0.3%
	Inhalants	10%	4786	12%	316	15%	635	9%	563	9%	746	11%	3.2%
	Methamphetamines	0%	4791	0%	315	0%	635	---	---	---	---	---	---
	Heroin	0%	4781	0%	314	0%	637	0%	564	1%	746	0%	0.2%
	Ecstasy	0%	4747	2%	313	1%	629	0%	553	0%	744	0%	0.1%
	Steroids	2%	4776	3%	313	1%	635	2%	562	2%	733	2%	0.6%
	Chewing Tobacco	3%	4754	3%	312	4%	608	4%	560	6%	728	5%	1.2%
	Cigarettes	12%	4739	17%	309	14%	617	17%	556	16%	732	15%	1.5%
	Misuse of OTC Meds*	1%	4777	2%	315	---	---	---	---	---	---	---	---
	Misuse of Rx Meds**	1%	4780	2%	315	---	---	---	---	---	---	---	---
Past 30 Day Use	Alcohol	6%	4790	8%	316	7%	636	5%	570	5%	740	5%	1.0%
	Marijuana	1%	4797	3%	318	1%	637	2%	568	1%	742	1%	0.5%
	LSD and Hallucinogens	0%	4774	0%	315	0%	637	0%	564	0%	743	0%	0.1%
	Cocaine	0%	4786	1%	313	0%	637	1%	560	0%	741	0%	0.2%
	Inhalants	4%	4787	4%	316	5%	635	4%	559	2%	741	4%	1.3%
	Methamphetamines	0%	4789	0%	315	0%	635	---	---	---	---	---	---
	Heroin	0%	4782	0%	315	0%	636	0%	557	0%	743	0%	0.0%
	Ecstasy	0%	4744	1%	312	0%	628	0%	552	0%	744	0%	0.2%
	Steroids	0%	4774	0%	313	0%	635	1%	562	0%	731	0%	0.2%
	Chewing Tobacco	1%	4745	1%	310	1%	623	1%	560	1%	733	1%	0.3%
	Cigarettes	2%	4746	4%	308	3%	621	4%	557	2%	734	3%	0.8%
	Misuse of OTC Meds*	1%	4785	1%	315	---	---	---	---	---	---	---	---
	Misuse of Rx Meds**	0%	4773	1%	315	---	---	---	---	---	---	---	---
Heavy Use	Binge Drinking	4%	4755	6%	311	5%	615	4%	552	5%	733	4%	0.6%
	Half Pack of Cig./Day	0%	4746	0%	308	1%	621	0%	557	0%	734	0%	0.1%
Problem Behavior	Suspended from School	6%	4854	6%	339	8%	655	8%	587	9%	751	8%	0.6%
	Drunk or High at School	2%	4841	4%	336	2%	653	3%	584	1%	752	2%	1.1%
	Sold Drugs	0%	4844	1%	338	0%	650	0%	574	0%	743	0%	0.0%
	Attempted Vehicle Theft	1%	4848	1%	338	1%	655	3%	586	2%	752	2%	0.9%
	Arrested	2%	4847	2%	338	2%	654	3%	577	3%	743	3%	0.4%
	Attacked Someone	7%	4841	7%	338	8%	651	10%	581	9%	749	9%	1.0%
	Brought a Gun to School	0%	4836	0%	337	1%	653	0%	580	0%	748	0%	0.3%

E Á Ú c ~ á ^ } c • Á , ^ ! ^ Á æ • \ ^ á Ê Á Ä U } Á @ [, Á { æ } ^ Á [& & æ • ä [] • Á ö Á @æç ^ Á ^ [~ Á ~ • ^ á Á ö Á æ Á { ^ á E E Á Ú c ~ á ^ } c • Á , ^ ! ^ Á æ • \ ^ á Ê Á Ä U } Á @ [, Á { æ } ^ Á [& & æ • ä [] • Á ö Á @æç ^ Á ^ [~ Á ~ • ^ á Á ö Á æ Á } ;

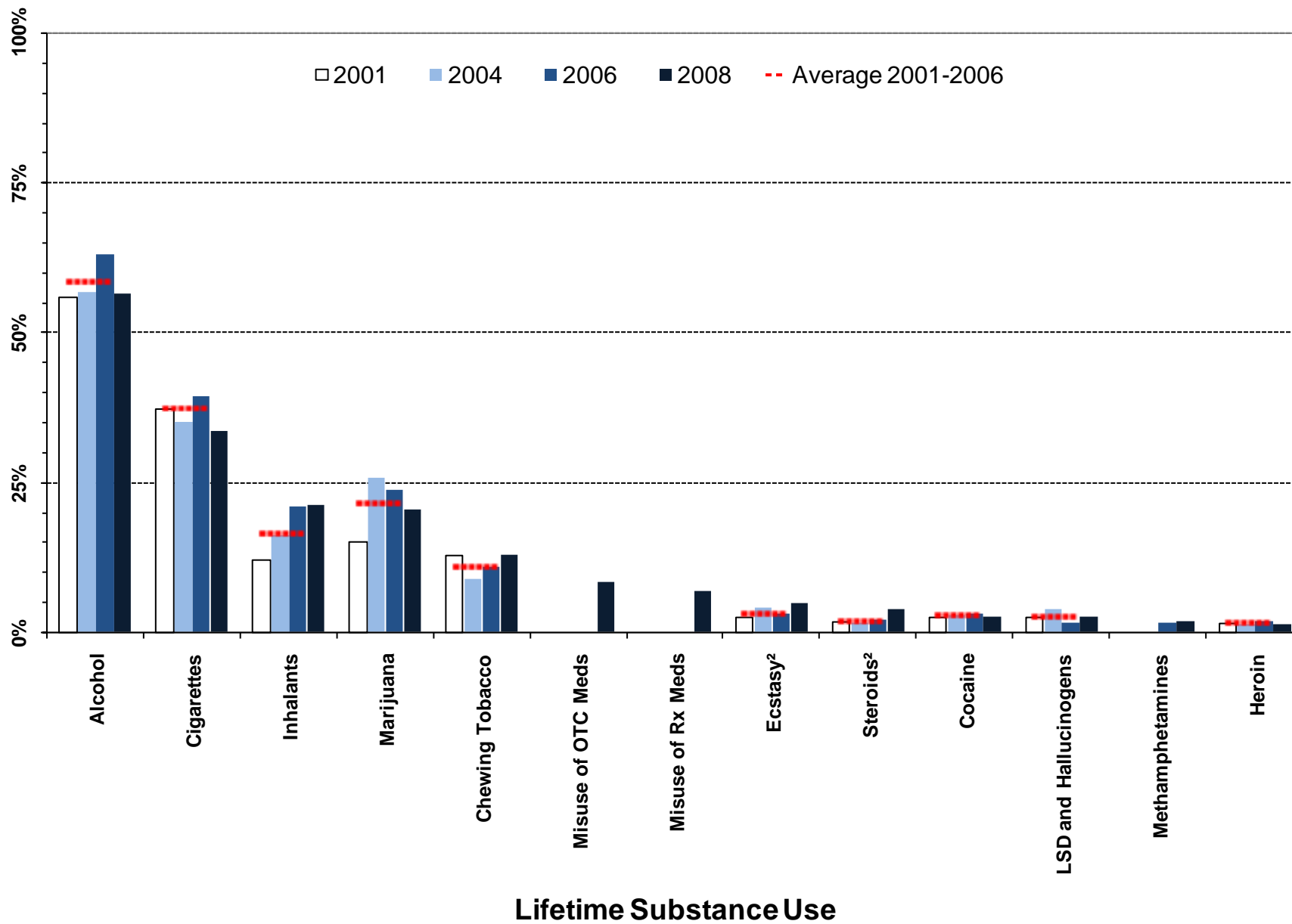
2.2. 8th Grade Substance Use and Problem Behavior Rates

Figure 4. Substance use and problem behavior prevalence rate profile, 2008 PNA: Natrona County, 8th graders



Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 5. Lifetime substance use prevalence rates, 2001-2008 PNA: Natrona County, 8th graders

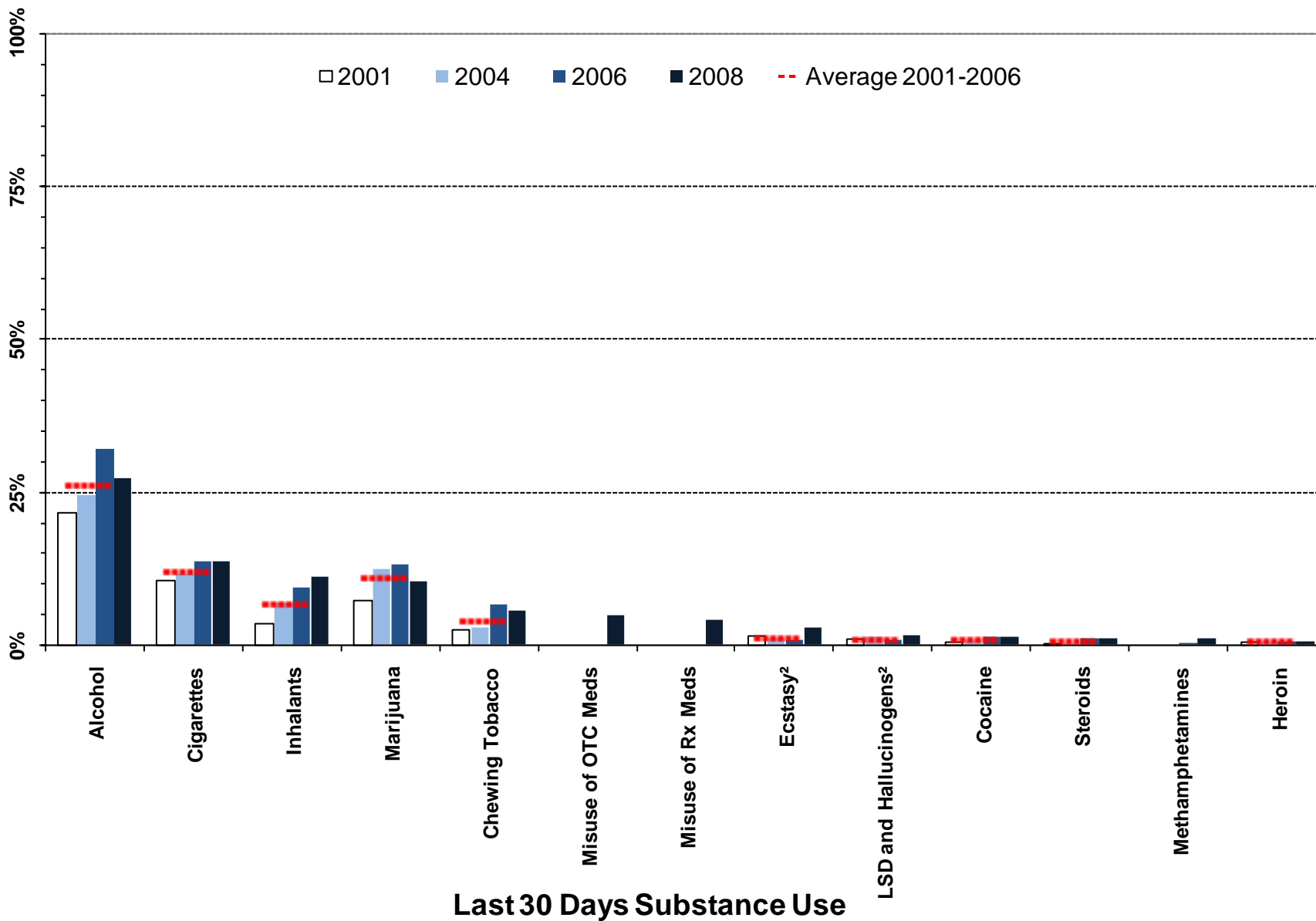


¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 6. Thirty-day substance use prevalence rates, 2001-2008 PNA: Natrona County 8th graders

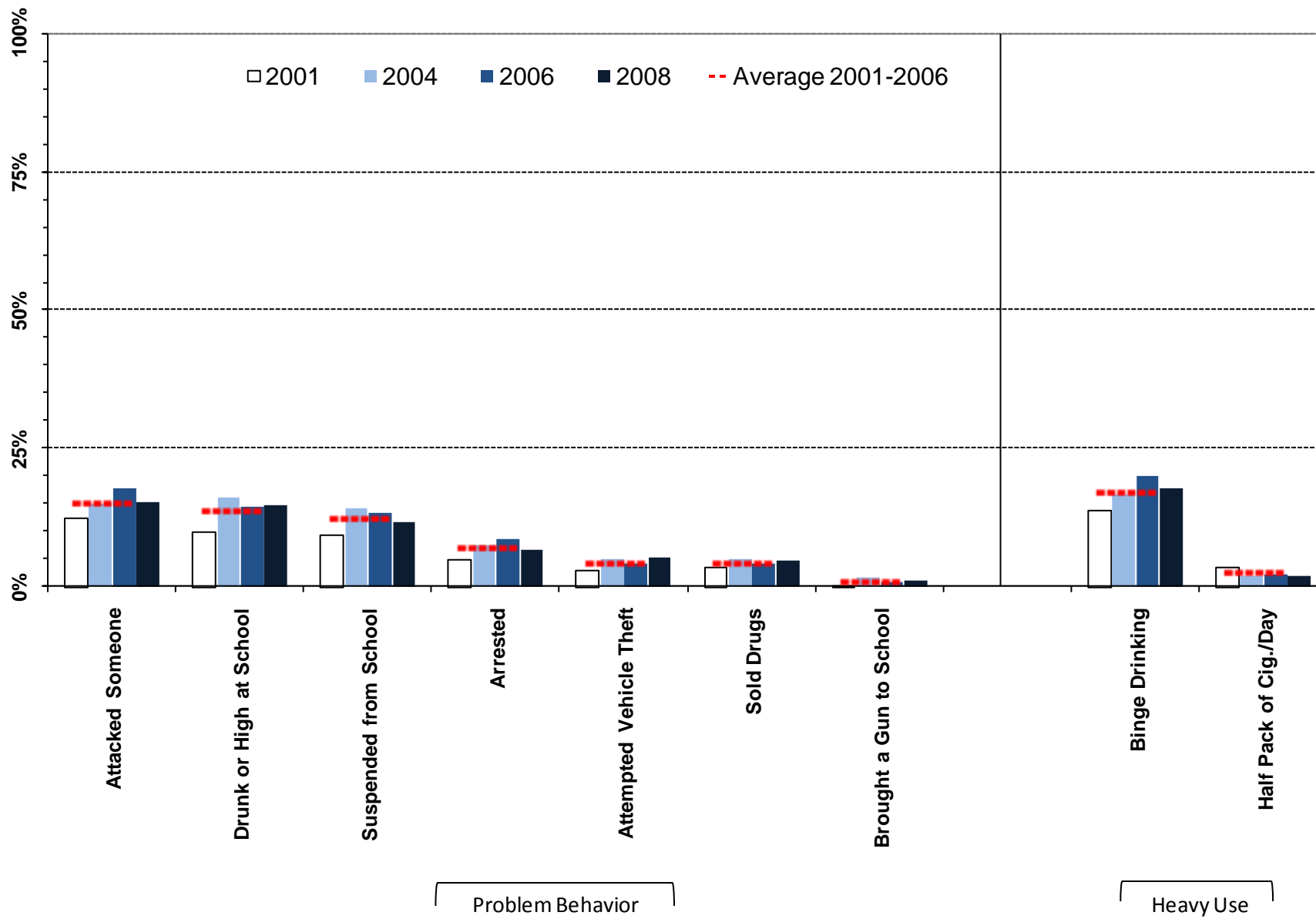


¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 7. Heavy substance use and problem behavior prevalence, 2001-2008 PNA: Natrona County, 8th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

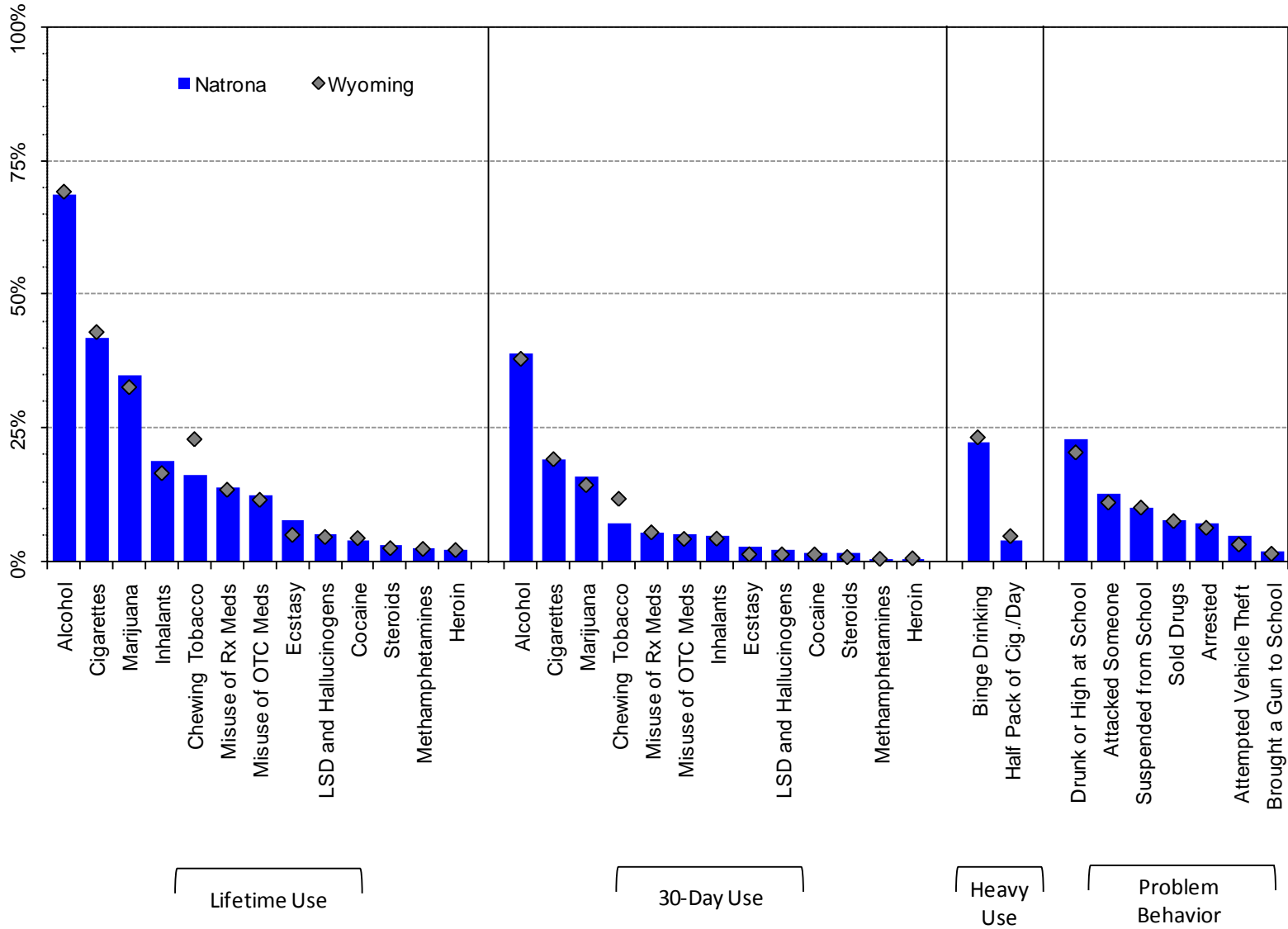
Table 4. Substance use and problem behavior prevalence rates for Natrona County, 8th graders

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
Lifetime Use	Alcohol	51%	4930	56%	703	63%	663	57%	655	56%	638	59%	3.9%
	Marijuana	14%	4922	20%	700	24%	660	26%	710	15%	633	22%	5.6%
	LSD and Hallucinogens	2%	4942	2%	702	2%	666	4%	707	3%	637	3%	1.1%
	Cocaine	2%	4947	3%	701	3%	666	3%	709	3%	637	3%	0.2%
	Inhalants	18%	4946	21%	704	21%	664	16%	706	12%	640	16%	4.5%
	Methamphetamines	1%	4945	2%	701	1%	665	---	---	---	---	---	---
	Heroin	1%	4949	1%	703	2%	665	1%	707	2%	634	2%	0.3%
	Ecstasy	2%	4935	5%	700	3%	666	4%	704	3%	637	3%	0.7%
	Steroids	3%	4944	4%	703	2%	663	1%	698	2%	632	2%	0.3%
	Chewing Tobacco	11%	4892	13%	692	11%	657	9%	705	13%	614	11%	2.0%
	Cigarettes	28%	4885	34%	694	39%	663	35%	697	37%	617	37%	2.2%
	Misuse of OTC Meds*	6%	4936	8%	702	---	---	---	---	---	---	---	---
Misuse of Rx Meds**	5%	4940	7%	703	---	---	---	---	---	---	---	---	
Past 30 Day Use	Alcohol	23%	4924	27%	702	32%	663	24%	708	22%	636	26%	5.3%
	Marijuana	6%	4932	10%	698	13%	660	12%	704	7%	640	11%	3.1%
	LSD and Hallucinogens	1%	4942	2%	702	1%	665	1%	707	1%	639	1%	0.3%
	Cocaine	1%	4936	1%	699	1%	665	1%	703	1%	635	1%	0.3%
	Inhalants	8%	4940	11%	701	9%	667	7%	703	4%	637	7%	2.9%
	Methamphetamines	0%	4942	1%	702	0%	665	---	---	---	---	---	---
	Heroin	0%	4944	1%	703	1%	664	1%	700	1%	633	1%	0.1%
	Ecstasy	1%	4926	3%	698	1%	665	1%	704	2%	637	1%	0.4%
	Steroids	1%	4933	1%	701	1%	666	0%	703	0%	626	1%	0.3%
	Chewing Tobacco	5%	4896	6%	693	7%	665	3%	699	3%	619	4%	2.3%
	Cigarettes	9%	4884	14%	688	14%	665	12%	697	11%	616	12%	1.5%
	Misuse of OTC Meds*	3%	4940	5%	702	---	---	---	---	---	---	---	---
Misuse of Rx Meds**	2%	4933	4%	701	---	---	---	---	---	---	---	---	
Heavy Use	Binge Drinking	14%	4910	18%	694	20%	657	17%	704	14%	618	17%	3.2%
	Half Pack of Cig./Day	1%	4884	2%	688	2%	665	2%	697	4%	616	3%	0.9%
Problem Behavior	Suspended from School	11%	4981	12%	710	13%	670	14%	738	9%	642	12%	2.6%
	Drunk or High at School	10%	4974	15%	711	15%	668	16%	733	10%	640	14%	3.2%
	Sold Drugs	3%	4974	5%	709	4%	665	5%	730	4%	635	4%	0.7%
	Attempted Vehicle Theft	4%	4978	5%	711	4%	671	5%	736	3%	641	4%	1.0%
	Arrested	5%	4973	7%	710	9%	671	8%	729	5%	637	7%	1.9%
	Attacked Someone	11%	4975	15%	709	18%	669	15%	735	12%	639	15%	2.7%
Brought a Gun to School	1%	4966	1%	706	1%	663	2%	727	0%	640	1%	0.7%	

E Á Ú c ~ á ^ } c • Á , ^ ! ^ Á æ • \ ^ á Ê Á Ä U } Á @ [, Á { æ } ^ Á [& & æ • ä [] • Á ö Á @æç ^ Á ^ [~ Á ~ • ^ á Á ö Á æ Á { ^ á E E Á Ú c ~ á ^ } c • Á , ^ ! ^ Á æ • \ ^ á Ê Á Ä U } Á @ [, Á { æ } ^ Á [& & æ • ä [] • Á ö Á @æç ^ Á ^ [~ Á ~ • ^ á Á ö Á æ Á } ;

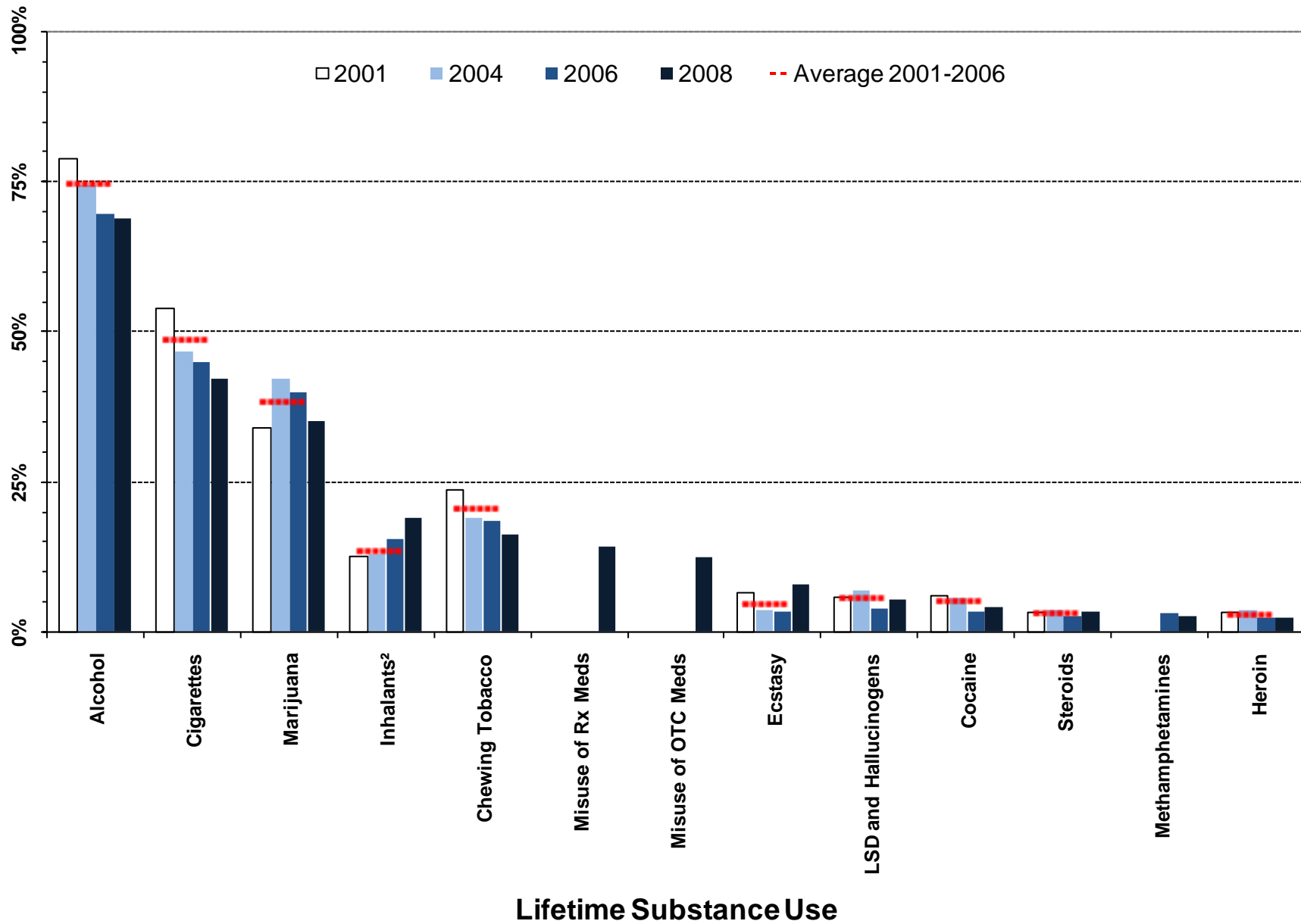
2.3. 10th Grade Substance Use and Problem Behavior Rates

Figure 8. Substance use and problem behavior prevalence rate profile, 2008 PNA: Natrona County, 10th graders



Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 9. Lifetime substance use prevalence rates, 2001-2008 PNA: Natrona County, 10th graders

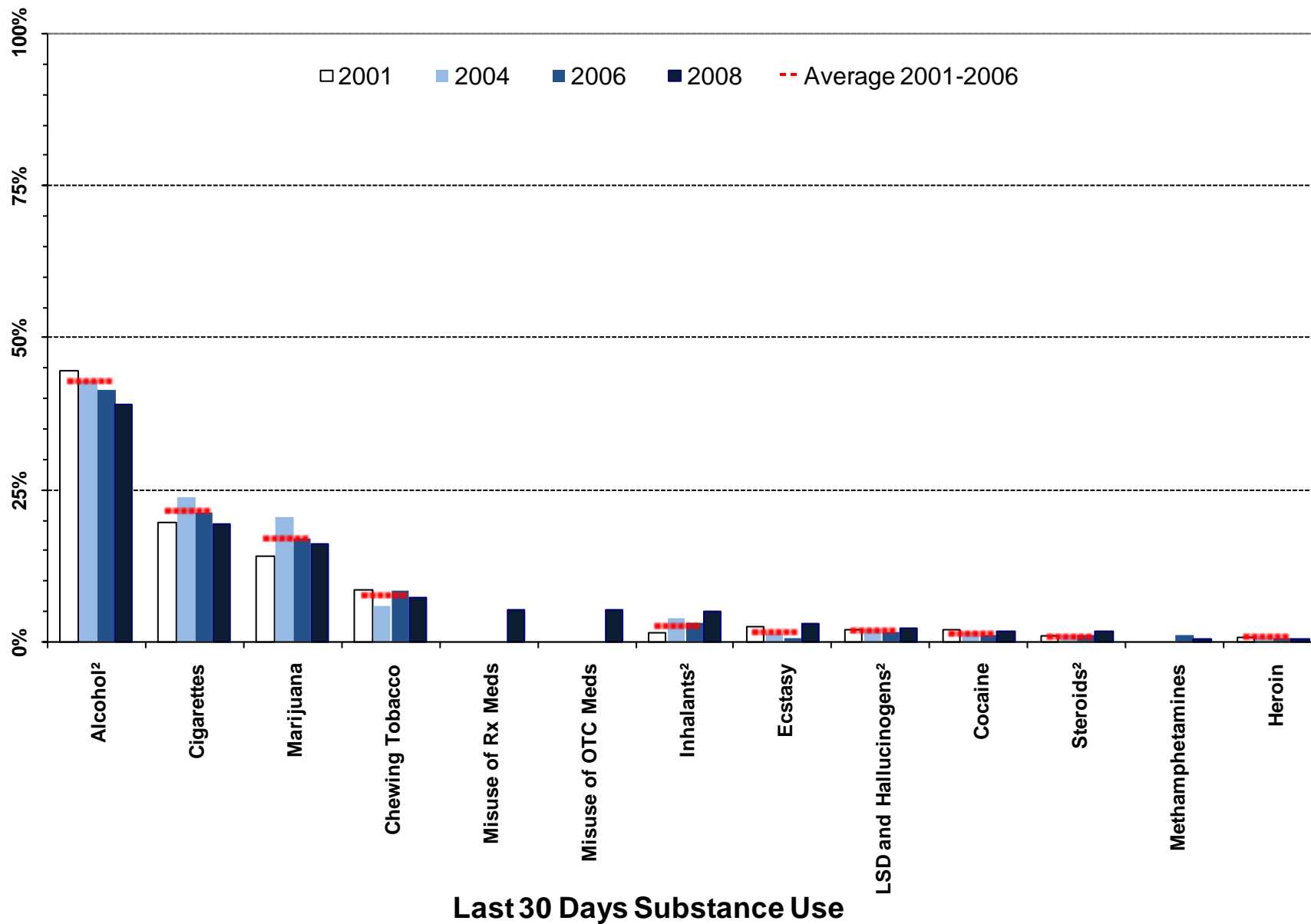


¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 10. Thirty-day substance use prevalence rates, 2001-2008 PNA: Natrona County, 10th graders

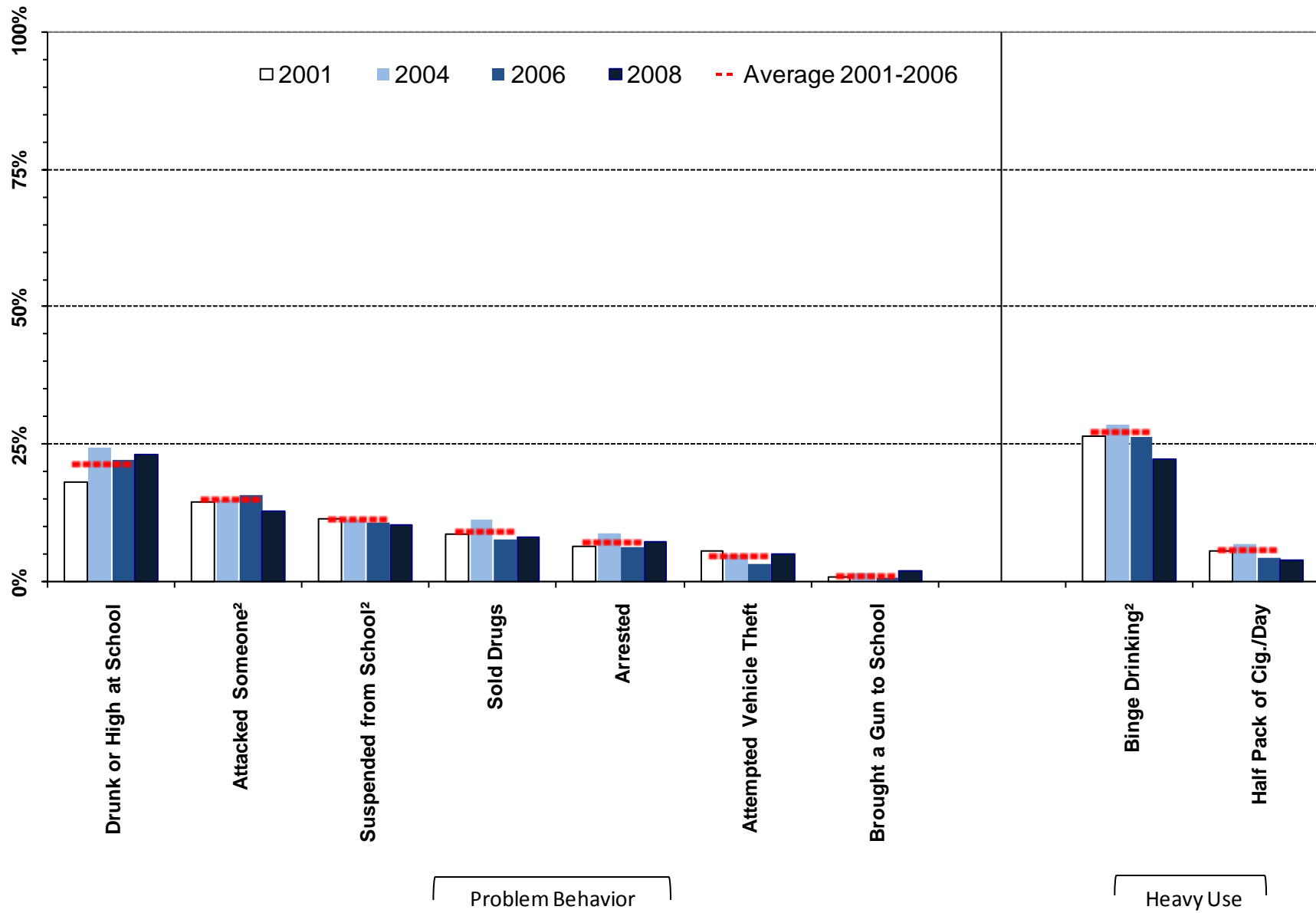


¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 11. Heavy substance use and problem behavior prevalence, 2001-2008 PNA: Natrona County, 10th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

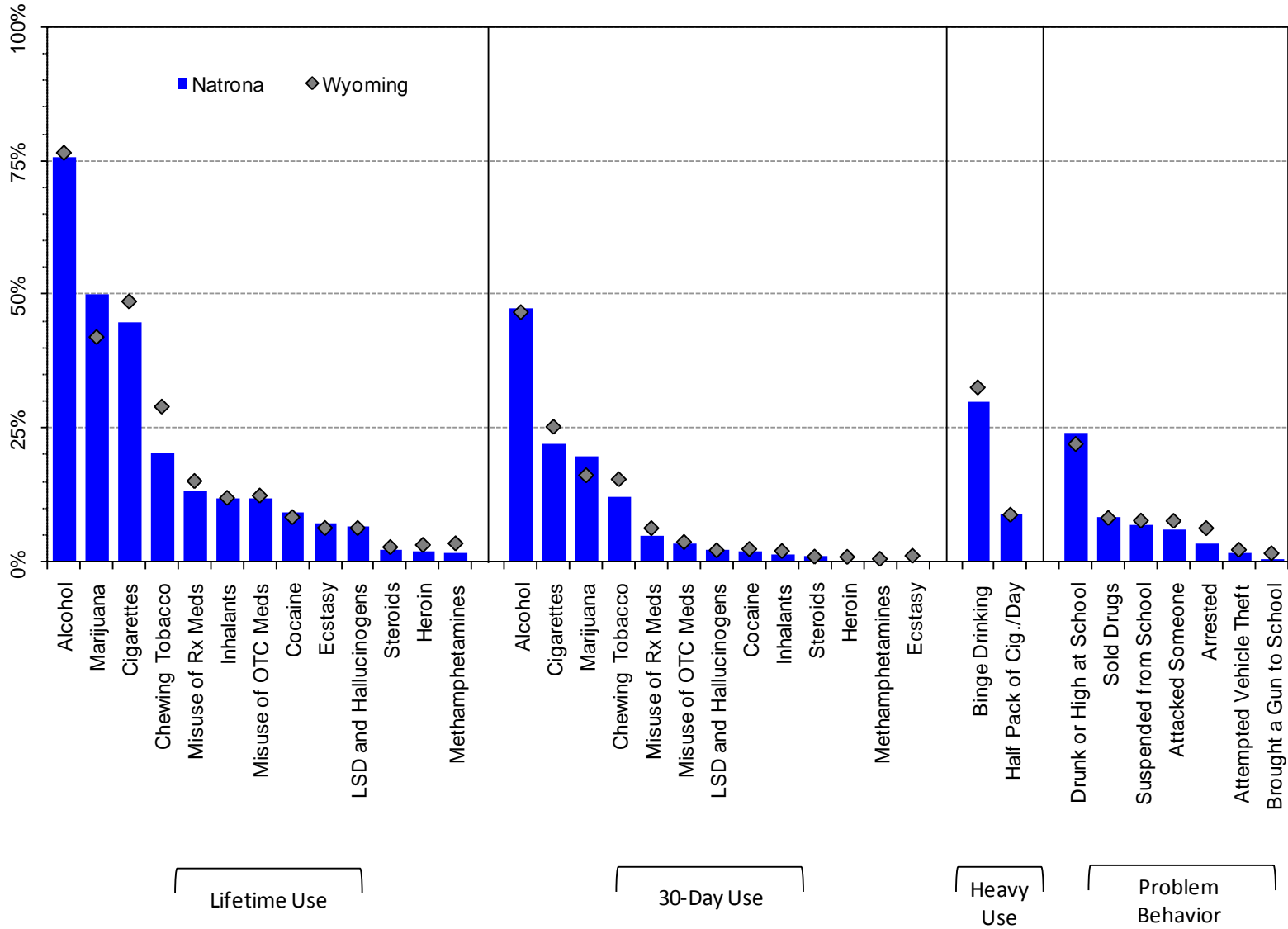
Table 5. Substance use and problem behavior prevalence rates for Natrona County, 10th grade

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
Lifetime Use	Alcohol	69%	4181	69%	482	70%	466	74%	496	79%	589	75%	4.6%
	Marijuana	33%	4169	35%	481	40%	464	42%	530	34%	583	38%	4.1%
	LSD and Hallucinogens	5%	4193	5%	484	4%	463	7%	536	6%	591	6%	1.5%
	Cocaine	4%	4191	4%	481	3%	465	6%	531	6%	590	5%	1.5%
	Inhalants	17%	4192	19%	481	15%	464	13%	531	13%	590	13%	1.5%
	Methamphetamines	2%	4192	2%	482	3%	464	---	---	---	---	---	---
	Heroin	2%	4195	2%	482	2%	464	4%	531	3%	590	3%	0.7%
	Ecstasy	5%	4191	8%	481	3%	463	4%	532	7%	588	5%	1.8%
	Steroids	3%	4194	3%	482	2%	465	4%	534	3%	585	3%	0.6%
	Chewing Tobacco	23%	4159	16%	474	19%	454	19%	526	24%	587	21%	2.9%
	Cigarettes	43%	4160	42%	473	45%	448	47%	526	54%	584	49%	4.8%
	Misuse of OTC Meds*	12%	4189	12%	482	---	---	---	---	---	---	---	---
Misuse of Rx Meds**	14%	4189	14%	482	---	---	---	---	---	---	---	---	
Past 30 Day Use	Alcohol	38%	4163	39%	483	41%	466	43%	531	45%	588	43%	1.7%
	Marijuana	14%	4168	16%	481	17%	458	20%	532	14%	584	17%	3.1%
	LSD and Hallucinogens	1%	4191	2%	482	2%	464	2%	535	2%	592	2%	0.2%
	Cocaine	1%	4187	2%	481	1%	462	2%	530	2%	588	1%	0.5%
	Inhalants	4%	4188	5%	482	3%	465	4%	533	2%	592	3%	1.1%
	Methamphetamines	1%	4187	1%	481	1%	464	---	---	---	---	---	---
	Heroin	1%	4186	1%	481	1%	464	1%	527	1%	589	1%	0.1%
	Ecstasy	1%	4190	3%	482	1%	464	1%	528	3%	589	2%	1.0%
	Steroids	1%	4177	2%	482	1%	465	1%	532	1%	583	1%	0.2%
	Chewing Tobacco	12%	4161	7%	473	8%	449	6%	524	9%	585	8%	1.4%
	Cigarettes	19%	4155	19%	472	21%	449	24%	522	20%	586	21%	2.1%
	Misuse of OTC Meds*	4%	4186	5%	481	---	---	---	---	---	---	---	---
Misuse of Rx Meds**	6%	4190	5%	482	---	---	---	---	---	---	---	---	
Heavy Use	Binge Drinking	23%	4166	22%	474	27%	456	29%	531	27%	586	27%	1.2%
	Half Pack of Cig./Day	5%	4155	4%	472	5%	449	7%	522	6%	586	6%	1.2%
Problem Behavior	Suspended from School	10%	4230	10%	503	11%	485	11%	547	12%	593	11%	0.3%
	Drunk or High at School	21%	4229	23%	503	22%	484	25%	542	18%	593	21%	3.3%
	Sold Drugs	8%	4226	8%	502	8%	481	12%	541	9%	591	9%	2.0%
	Attempted Vehicle Theft	3%	4230	5%	503	3%	485	5%	545	6%	592	5%	1.2%
	Arrested	6%	4228	7%	503	6%	485	9%	545	6%	592	7%	1.4%
	Attacked Someone	11%	4226	13%	502	16%	484	15%	545	15%	594	15%	0.7%
Brought a Gun to School	2%	4218	2%	502	1%	482	2%	541	1%	588	1%	0.5%	

E Á Ú c ~ á ^ } c • Á , ^ ! ^ Á æ • \ ^ á Ê Á Ä U } Á @ [, Á { æ } ^ Á [& & æ • á [] • Á ö Á @ æ ç ^ Á ^ [~ Á ~ • ^ á Á ö Á æ Á { ^ á E Ê Á Ú c ~ á ^ } c • Á , ^ ! ^ Á æ • \ ^ á Ê Á Ä U } Á @ [, Á { æ } ^ Á [& & æ • á [] • Á ö Á @ æ ç ^ Á ^ [~ Á ~ • ^ á Á ö Á æ Á] !

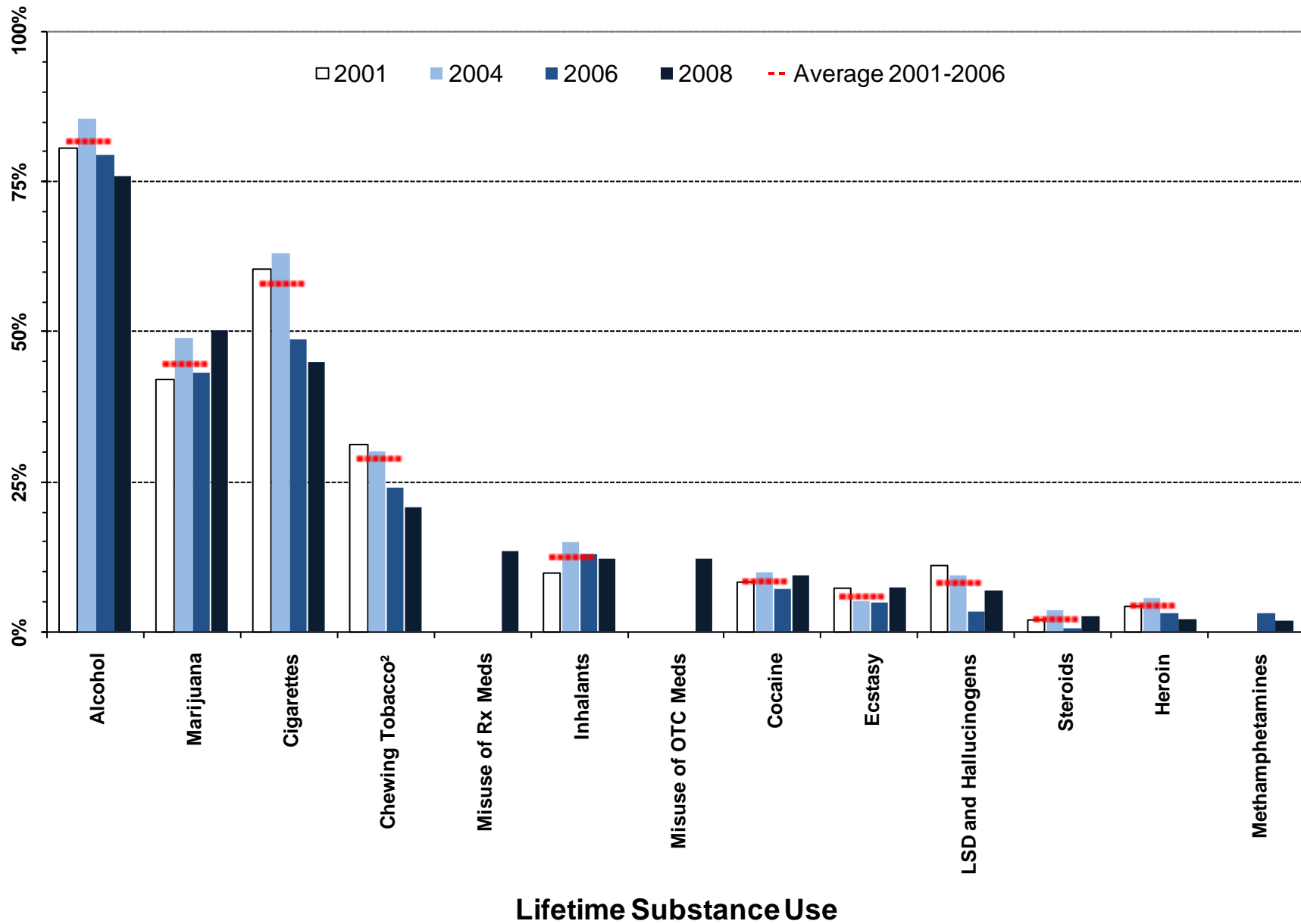
2.4. 12th Grade Substance Use and Problem Behavior Rates

Figure 12. Substance use and problem behavior prevalence rate profile, 2008 PNA: Natrona County, 12th graders



Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 13. Lifetime substance use prevalence rates, 2001-2008 PNA: Natrona County 12th graders

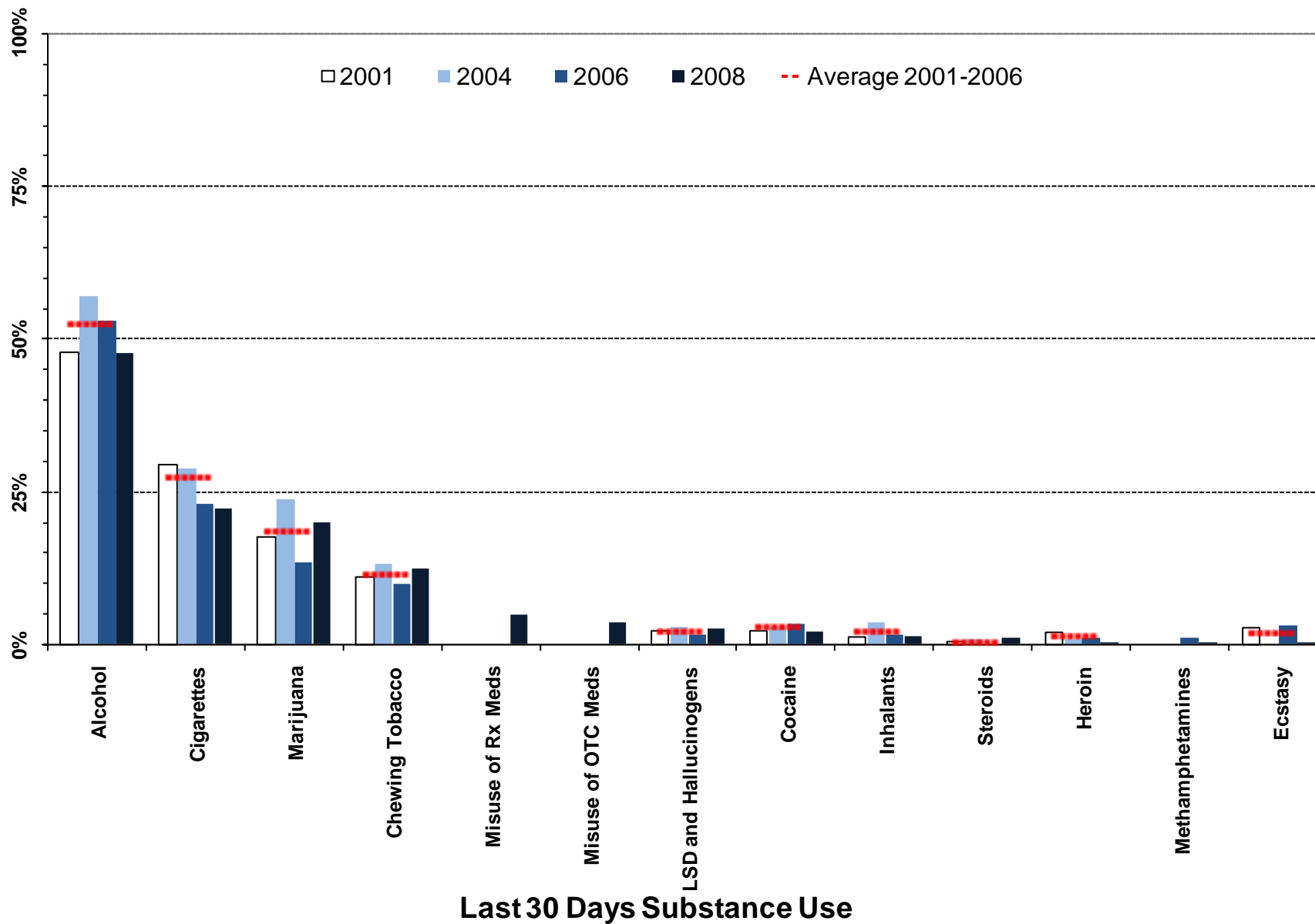


¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 14. Thirty-day substance use prevalence, 2001-2008 PNA: Natrona County, 12th graders

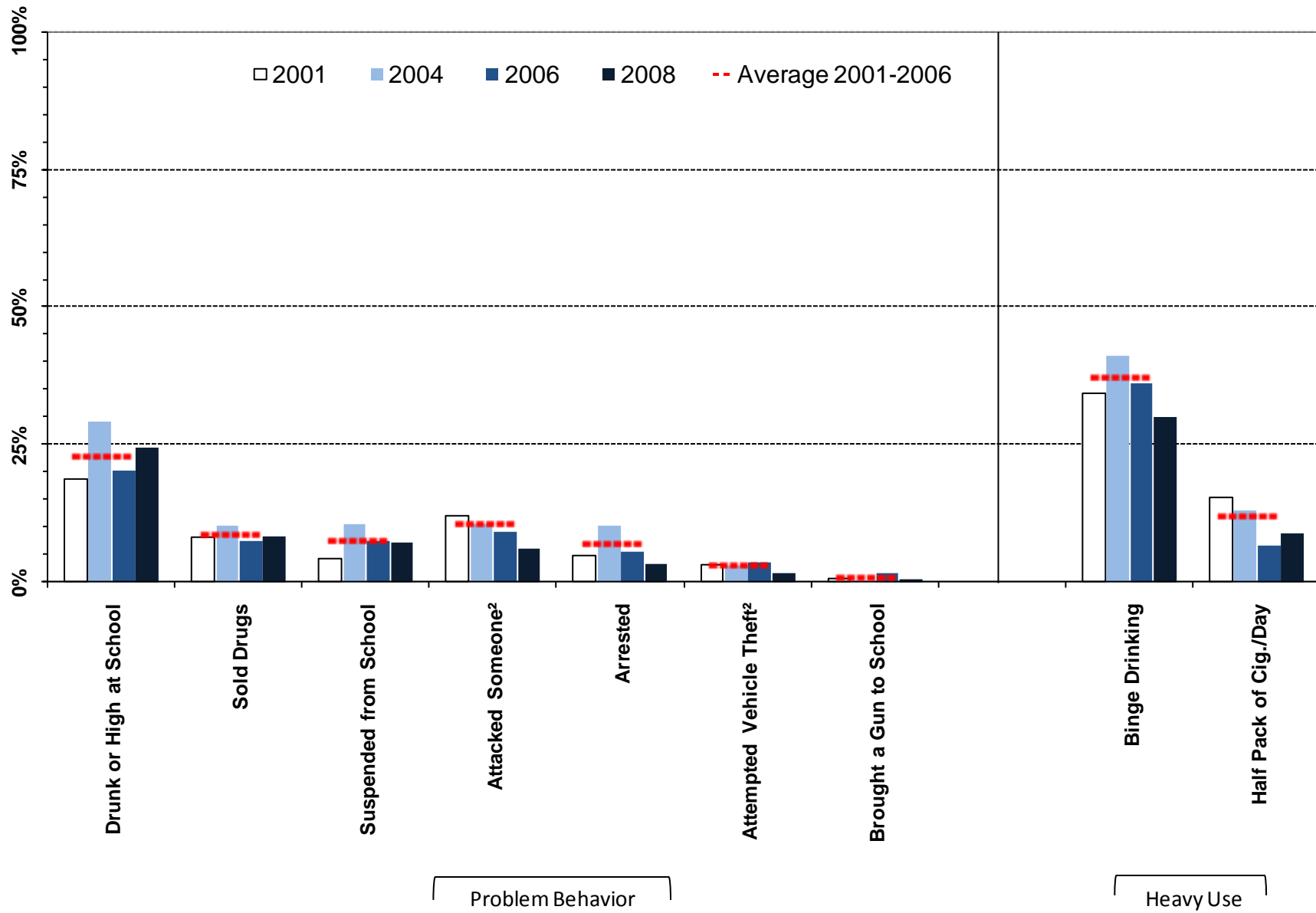


¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Note: OTC Meds = Over the Counter Medication; Rx Meds = Prescription Medication

Figure 15. Heavy substance use and problem behavior prevalence, 2001-2008 PNA: Natrona County, 12th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Table 6. Substance use and problem behavior prevalence rates for Natrona County, 12th grade

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
Lifetime Use	Alcohol	77%	2850	76%	290	79%	213	85%	246	81%	394	82%	3.2%
	Marijuana	42%	2840	50%	289	43%	211	49%	256	42%	387	45%	3.6%
	LSD and Hallucinogens	6%	2847	7%	292	3%	211	9%	257	11%	392	8%	4.0%
	Cocaine	8%	2850	9%	290	7%	211	10%	258	8%	388	8%	1.3%
	Inhalants	12%	2855	12%	291	13%	211	15%	256	10%	392	12%	2.5%
	Methamphetamines	3%	2854	2%	291	3%	210	---	---	---	---	---	---
	Heroin	3%	2852	2%	291	3%	210	6%	253	4%	391	4%	1.3%
	Ecstasy	6%	2851	7%	291	5%	210	5%	255	7%	392	6%	1.4%
	Steroids	3%	2853	2%	291	1%	210	4%	255	2%	390	2%	1.5%
	Chewing Tobacco	29%	2850	21%	292	24%	208	30%	260	31%	390	29%	3.9%
	Cigarettes	49%	2845	45%	292	49%	206	63%	262	61%	392	58%	7.7%
	Misuse of OTC Meds*	12%	2851	12%	291	---	---	---	---	---	---	---	---
	Misuse of Rx Meds**	15%	2853	13%	291	---	---	---	---	---	---	---	---
Past 30 Day Use	Alcohol	47%	2833	48%	290	53%	212	57%	256	48%	393	52%	4.6%
	Marijuana	16%	2835	20%	291	13%	209	24%	254	18%	391	18%	5.1%
	LSD and Hallucinogens	2%	2849	2%	290	1%	210	3%	256	2%	390	2%	0.7%
	Cocaine	2%	2849	2%	289	3%	211	3%	253	2%	390	3%	0.5%
	Inhalants	2%	2853	1%	291	1%	210	4%	256	1%	390	2%	1.2%
	Methamphetamines	1%	2849	0%	291	1%	210	---	---	---	---	---	---
	Heroin	1%	2846	0%	290	1%	210	1%	253	2%	388	1%	0.7%
	Ecstasy	1%	2849	0%	291	3%	210	0%	254	3%	390	2%	1.6%
	Steroids	1%	2843	1%	290	0%	210	1%	255	1%	390	0%	0.4%
	Chewing Tobacco	15%	2850	12%	292	10%	206	13%	260	11%	392	11%	1.7%
	Cigarettes	25%	2847	22%	292	23%	206	29%	261	30%	393	27%	3.7%
	Misuse of OTC Meds*	4%	2851	3%	291	---	---	---	---	---	---	---	---
	Misuse of Rx Meds**	6%	2848	5%	291	---	---	---	---	---	---	---	---
Heavy Use	Binge Drinking	33%	2849	30%	292	36%	208	41%	258	34%	392	37%	3.6%
	Half Pack of Cig./Day	9%	2847	9%	292	7%	206	13%	261	15%	393	12%	4.4%
Problem Behavior	Suspended from School	8%	2893	7%	296	7%	231	11%	266	4%	396	7%	3.1%
	Drunk or High at School	22%	2888	24%	296	20%	231	29%	266	19%	393	23%	5.7%
	Sold Drugs	8%	2890	8%	296	7%	230	10%	264	8%	390	9%	1.5%
	Attempted Vehicle Theft	2%	2889	2%	296	4%	231	3%	265	3%	396	3%	0.3%
	Arrested	6%	2890	3%	296	6%	231	10%	263	5%	393	7%	2.9%
	Attacked Someone	8%	2886	6%	296	9%	231	11%	263	12%	394	11%	1.4%
	Brought a Gun to School	2%	2882	1%	295	2%	231	0%	264	1%	394	1%	0.7%

E Á Úc ~ á ^ } c • Á , ^ i ^ Á æ • \ ^ á Ê Á Ä U } Á @ [, Á { æ } ^ Á [& & æ • ä [] • Á ö Á @æç ^ Á ^ [~ Á ~ • ^ á Á ö Á æ Á { ^ á E E Á Úc ~ á ^ } c • Á , ^ i ^ Á æ • \ ^ á Ê Á Ä U } Á @ [, Á { æ } ^ Á [& & æ • ä [] • Á ö Á @æç ^ Á ^ [~ Á ~ • ^ á Á ö Á æ Á] ;

3. Risk Factor Prevalence Rates

3.1. 6th Grade Risk Factor Results

Figure 16. Risk Factor profile, 2008 PNA: Natrona County, 6th graders

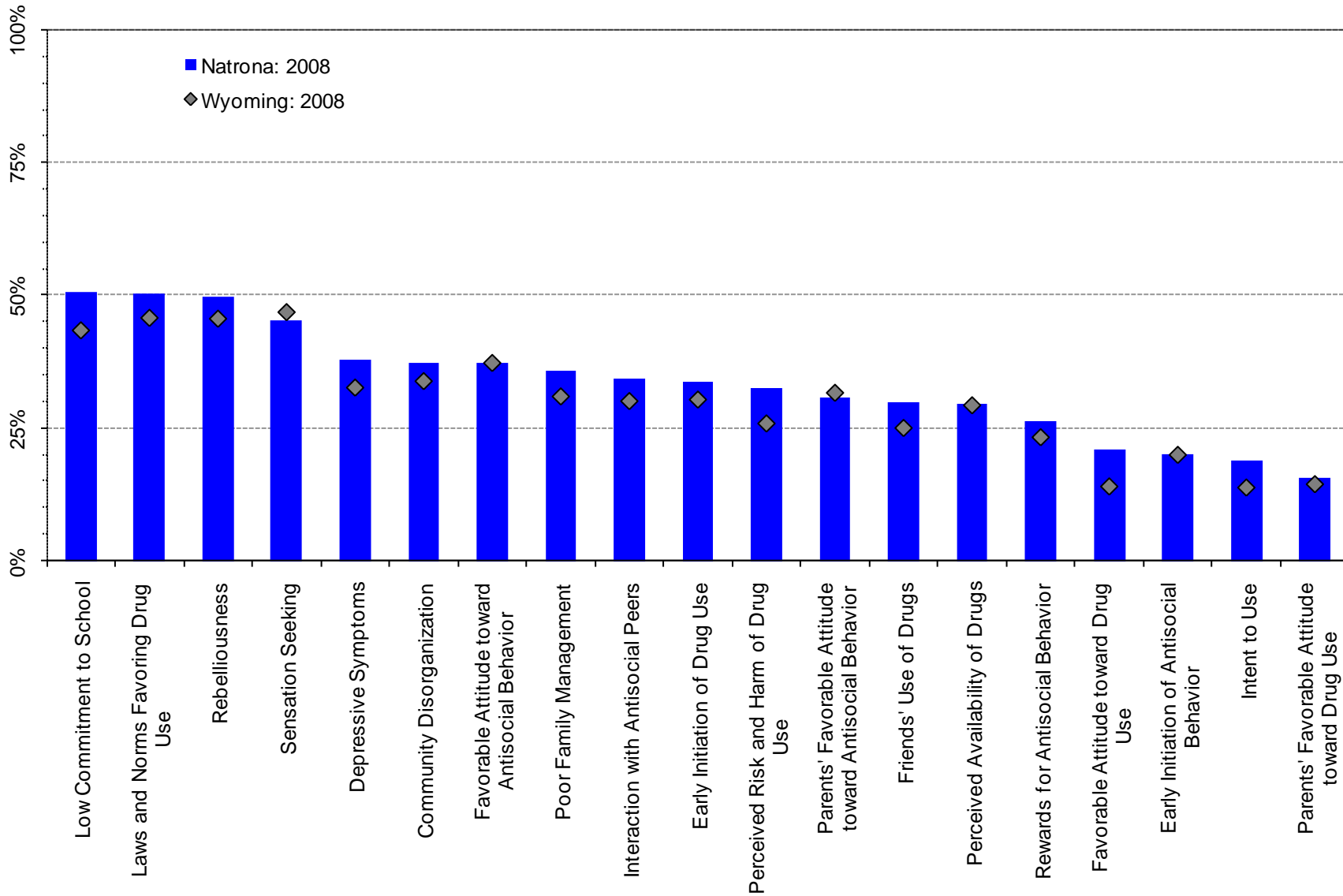
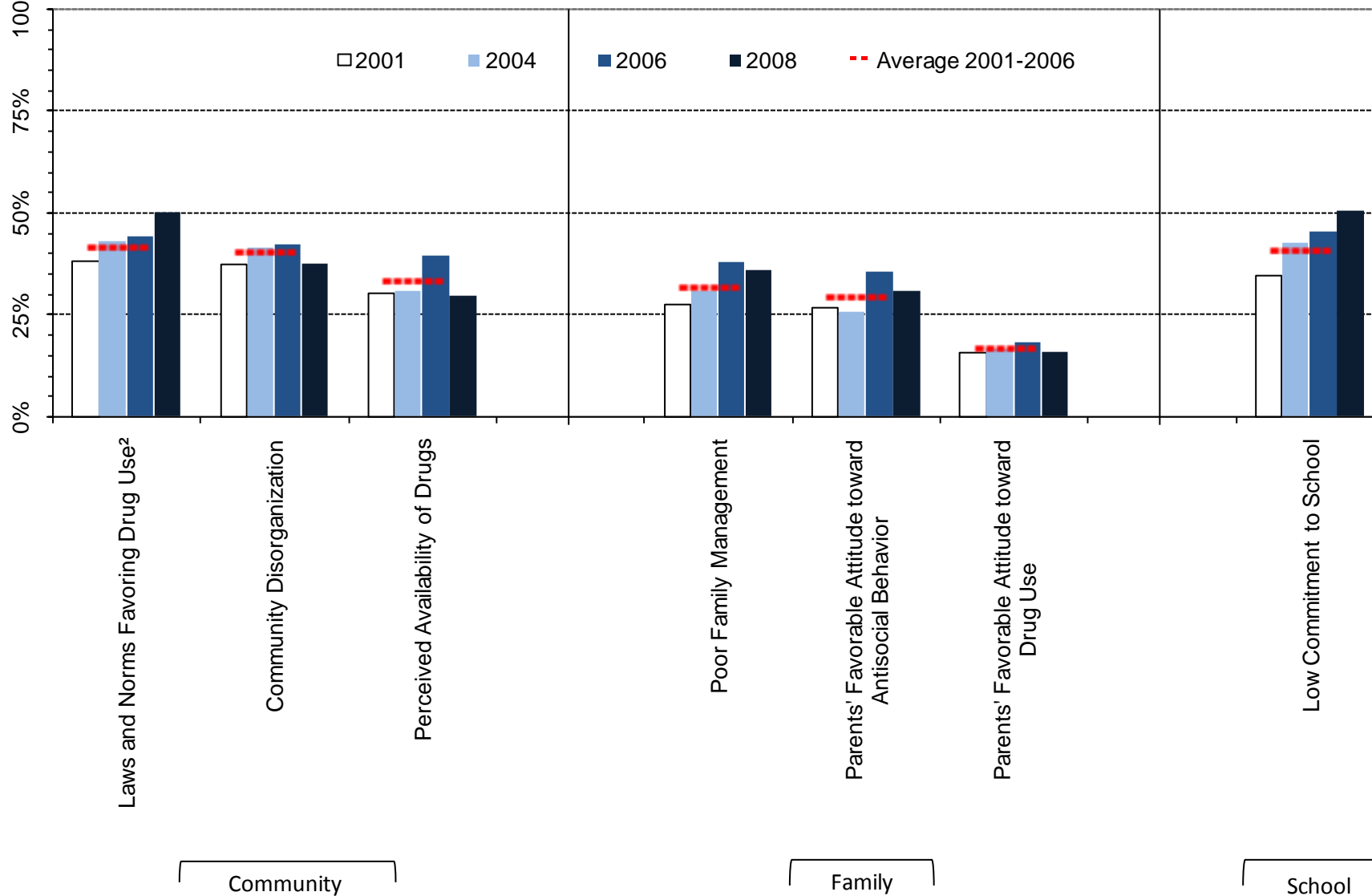


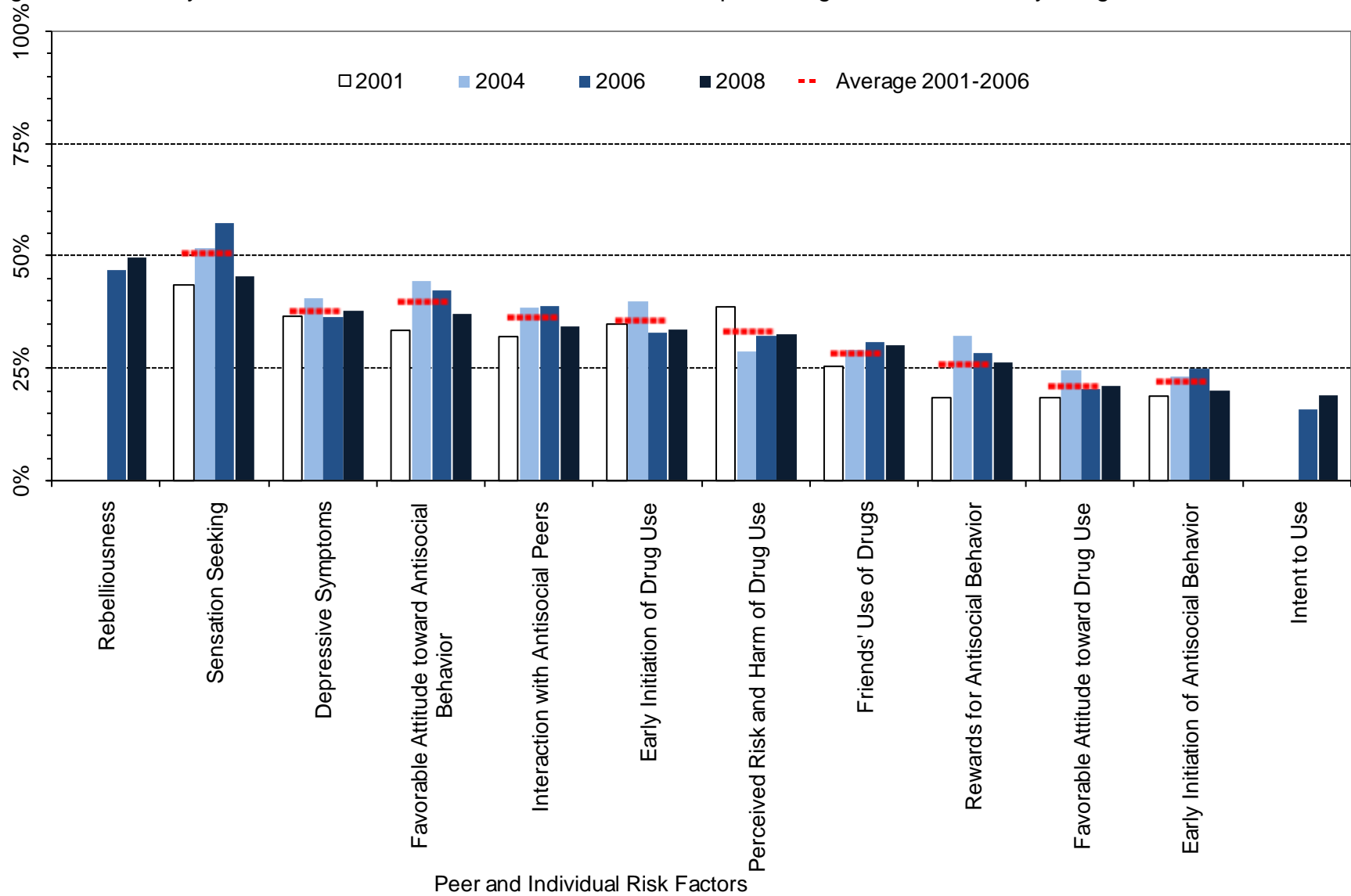
Figure 17. At-risk youth by Community, Family and School Domains, 2001-2008 PNA percentages: Natrona County, 6th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Figure 18. At-risk youth, Peer/Individual Domain, 2001-2008 PNA percentages: Natrona County, 6th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Table 7. Percent of students in Natrona County classified as at-risk, 6th grade

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
Community	Community Disorganization	34%	4545	37%	297	42%	598	42%	527	37%	692	40%	2.7%
	Laws and Norms Favoring Drug Use	46%	4633	50%	300	44%	602	43%	531	38%	695	42%	3.2%
	Perceived Availability of Drugs	29%	4616	30%	296	39%	597	31%	537	30%	706	33%	5.2%
Family	Poor Family Management	31%	4629	36%	299	38%	571	31%	532	27%	683	32%	5.3%
	Parents' Favorable Attitude toward Antisocial Behavior	32%	4592	31%	293	36%	577	26%	528	27%	677	29%	5.5%
	Parents' Favorable Attitude toward Drug Use	14%	4598	16%	294	18%	577	17%	528	16%	683	17%	1.2%
School	Low Commitment to School	43%	4859	51%	346	45%	656	43%	592	35%	756	41%	5.7%
Peer/ Individual	Rebelliousness	46%	4828	50%	334	47%	636	---	---	---	---	---	---
	Early Initiation of Antisocial Behavior	20%	4838	20%	339	25%	659	23%	588	19%	750	22%	3.0%
	Early Initiation of Drug Use	30%	4838	34%	338	33%	657	40%	584	35%	749	36%	3.5%
	Favorable Attitude toward Antisocial Behavior	37%	4864	37%	344	42%	657	44%	592	34%	752	40%	5.8%
	Favorable Attitude toward Drug Use	14%	4861	21%	342	20%	657	25%	592	18%	747	21%	3.2%
	Intent to Use	14%	4784	19%	331	16%	640	---	---	---	---	---	---
	Perceived Risk and Harm of Drug Use	26%	4750	33%	319	32%	624	29%	559	39%	745	33%	5.1%
	Interaction with Antisocial Peers	30%	4830	34%	340	39%	652	39%	584	32%	740	36%	3.9%
	Friends' Use of Drugs	25%	4826	30%	340	31%	654	29%	587	26%	746	28%	2.6%
	Sensation Seeking	47%	4808	45%	333	58%	649	52%	577	43%	751	51%	7.1%
	Rewards for Antisocial Behavior	23%	4797	26%	336	28%	646	32%	579	18%	743	26%	7.1%
Depressive Symptoms	33%	4784	38%	328	37%	641	41%	566	37%	747	38%	2.3%	

3.2. 8th Grade Risk Factor Prevalence Rates

Figure 19. Risk Factor profile, 2008 PNA: Natrona County, 8th graders

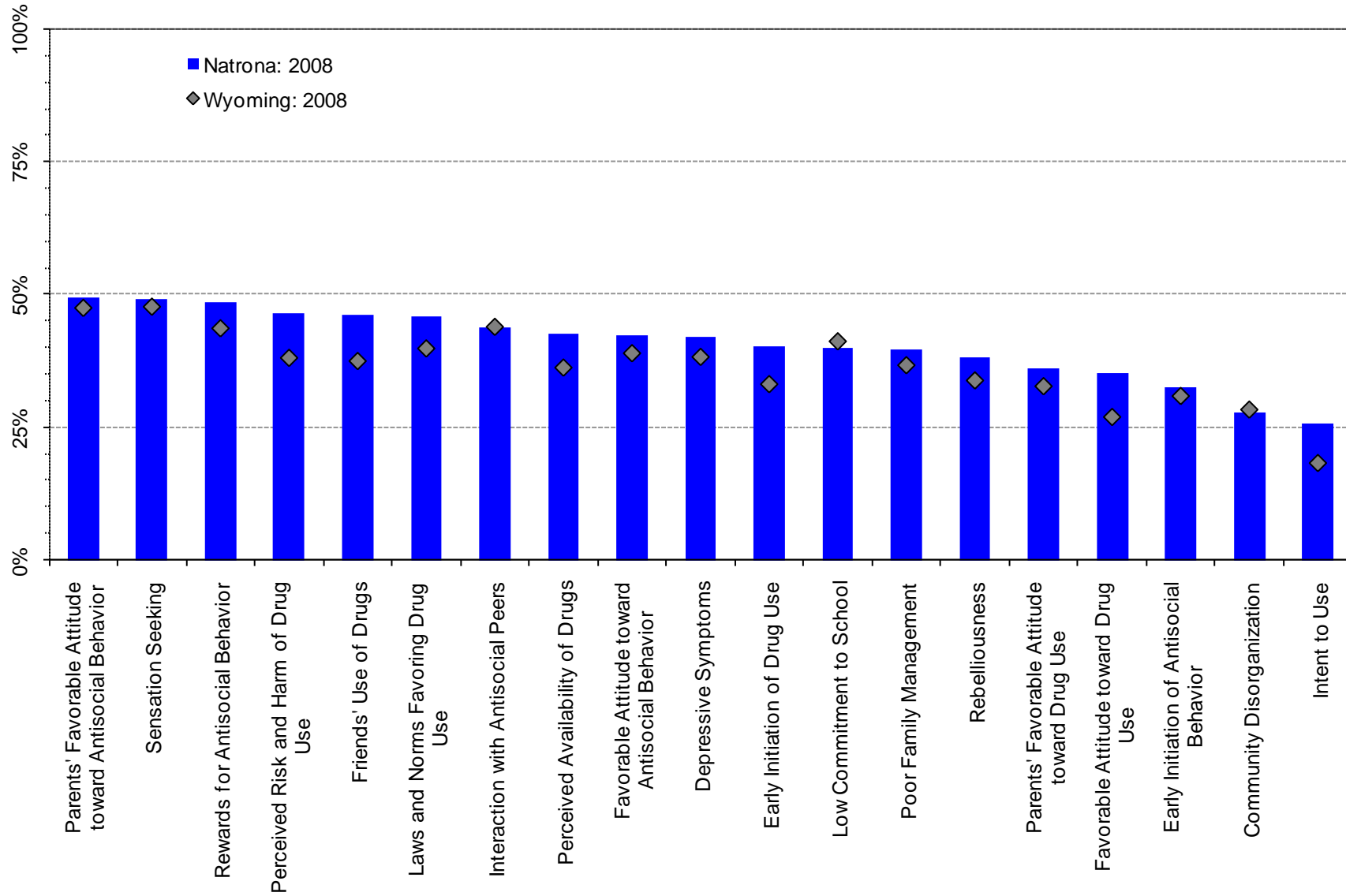
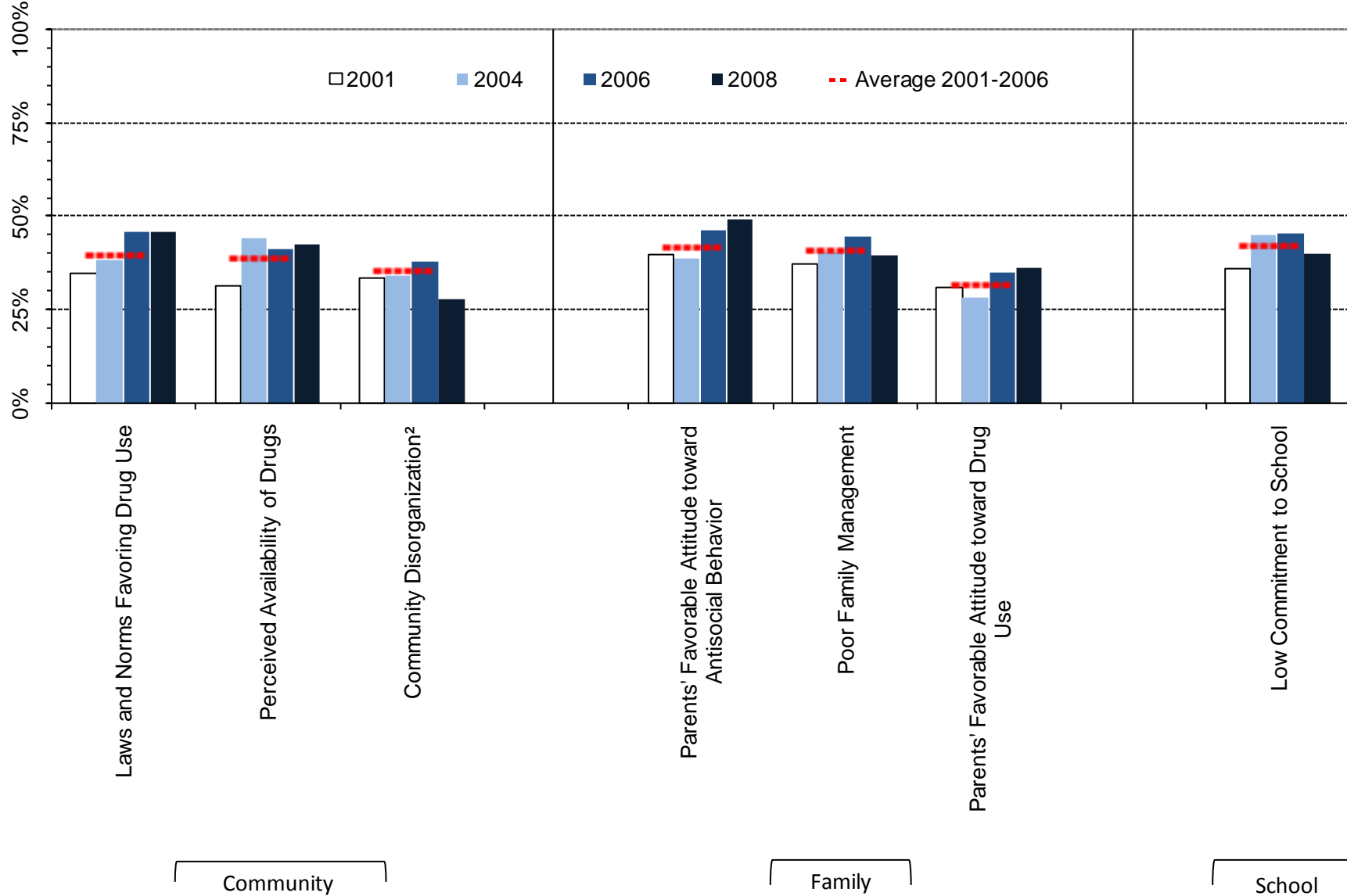


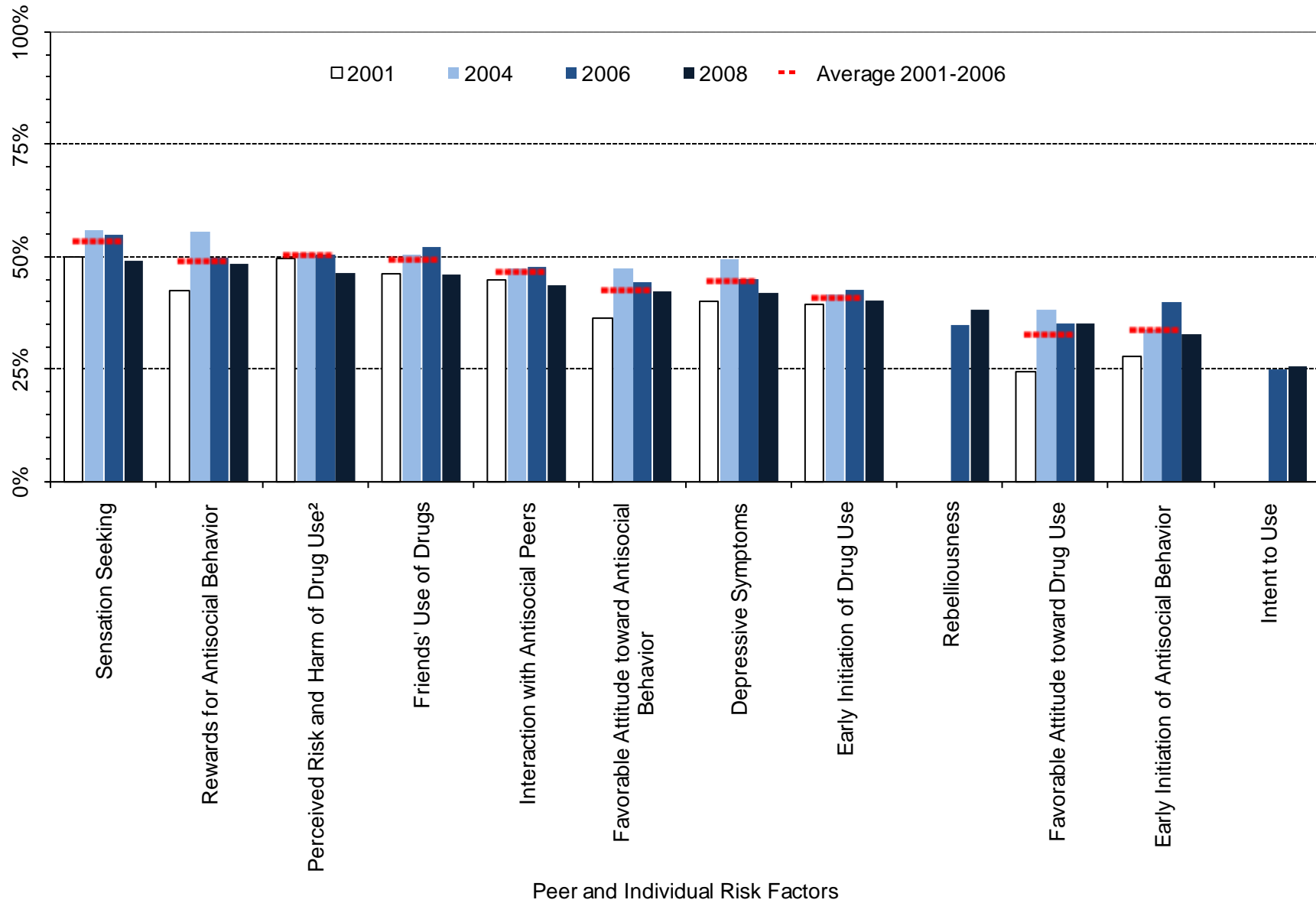
Figure 20. At-risk youth by Community, Family and School Domains, 2001-2008 PNA percentages: Natrona County, 8th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Figure 21. At-risk youth, Peer/Individual Domain, 2001-2008 PNA percentages: Natrona County, 8th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Table 8. Percent of students in Natrona County classified as at-risk, 8th graders

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
		Community	Community Disorganization	28%	4750	28%	668	38%	642	35%	661	33%	574
	Laws and Norms Favoring Drug Use	40%	4815	46%	680	46%	649	38%	662	35%	593	40%	5.8%
	Perceived Availability of Drugs	36%	4821	43%	680	41%	653	44%	675	31%	602	39%	6.9%
Family	Poor Family Management	37%	4799	40%	671	45%	643	41%	617	37%	528	41%	3.8%
	Parents' Favorable Attitude toward Antisocial Behavior	47%	4776	49%	667	47%	643	39%	635	40%	537	42%	4.1%
	Parents' Favorable Attitude toward Drug Use	33%	4777	36%	668	35%	643	28%	633	31%	540	32%	3.5%
School	Low Commitment to School	41%	4998	40%	713	46%	673	45%	753	36%	641	42%	5.4%
Peer/ Individual	Rebelliousness	34%	4986	38%	716	35%	668	---	---	---	---	---	---
	Early Initiation of Antisocial Behavior	31%	4981	33%	707	40%	671	34%	743	28%	642	34%	6.0%
	Early Initiation of Drug Use	33%	4968	40%	701	43%	672	42%	743	39%	644	41%	1.7%
	Favorable Attitude toward Antisocial Behavior	39%	4994	42%	712	44%	672	48%	741	37%	643	43%	5.7%
	Favorable Attitude toward Drug Use	27%	4992	35%	713	35%	672	38%	737	25%	643	33%	7.2%
	Intent to Use	18%	4953	26%	711	25%	670	---	---	---	---	---	---
	Perceived Risk and Harm of Drug Use	38%	4925	46%	700	51%	666	51%	709	50%	631	50%	0.6%
	Interaction with Antisocial Peers	44%	4970	44%	707	48%	669	47%	738	45%	632	47%	1.6%
	Friends' Use of Drugs	37%	4970	46%	706	52%	669	50%	736	46%	638	50%	3.1%
	Sensation Seeking	48%	4952	49%	706	55%	664	56%	729	50%	641	54%	3.2%
	Rewards for Antisocial Behavior	44%	4954	49%	709	50%	671	56%	732	42%	639	49%	6.6%
	Depressive Symptoms	38%	4951	42%	708	45%	670	50%	720	40%	640	45%	4.8%

3.3. 10th Grade Risk Factor Prevalence Rates

Figure 22. Risk Factor profile, 2008 PNA: Natrona County, 10th graders

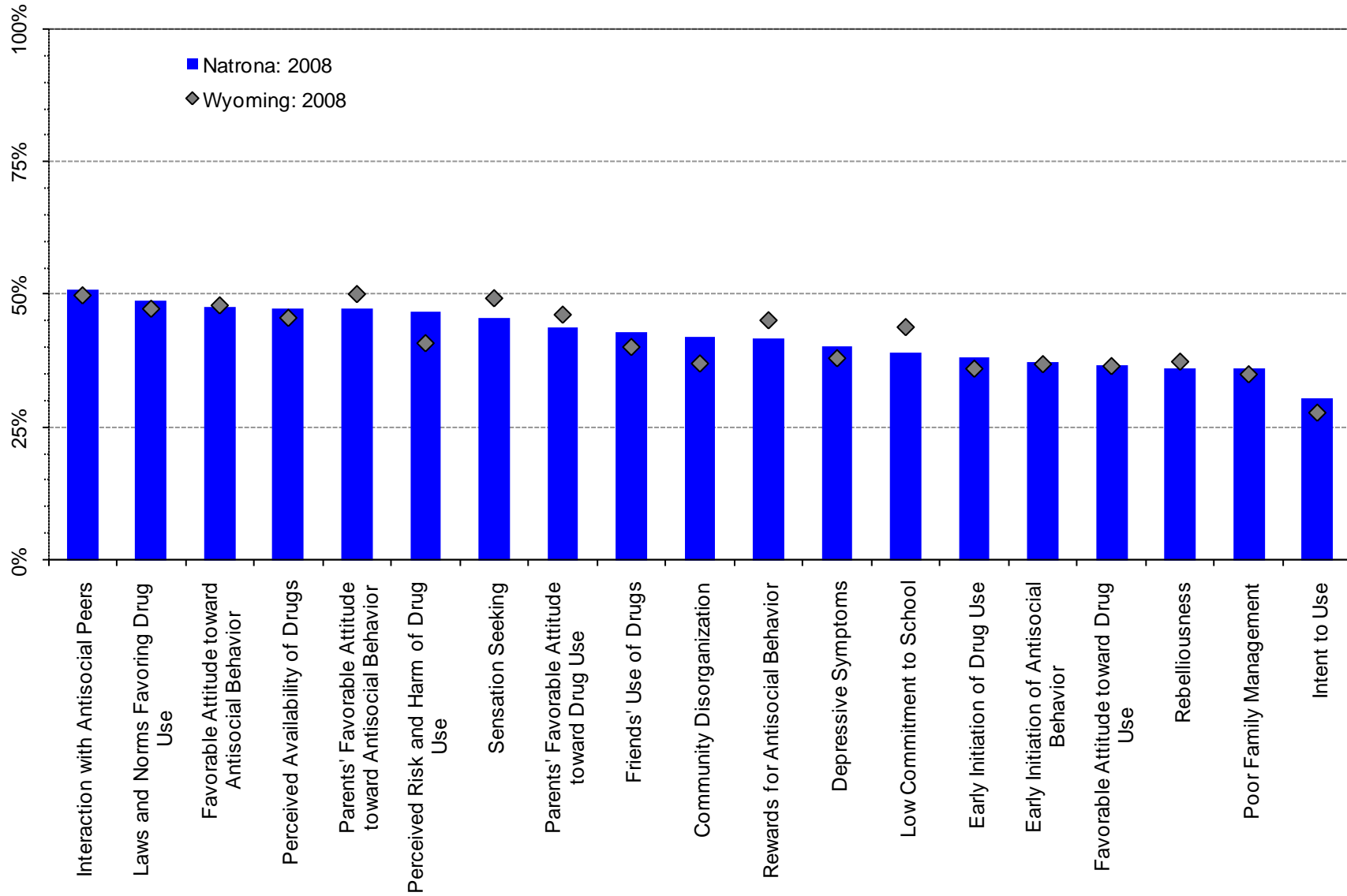
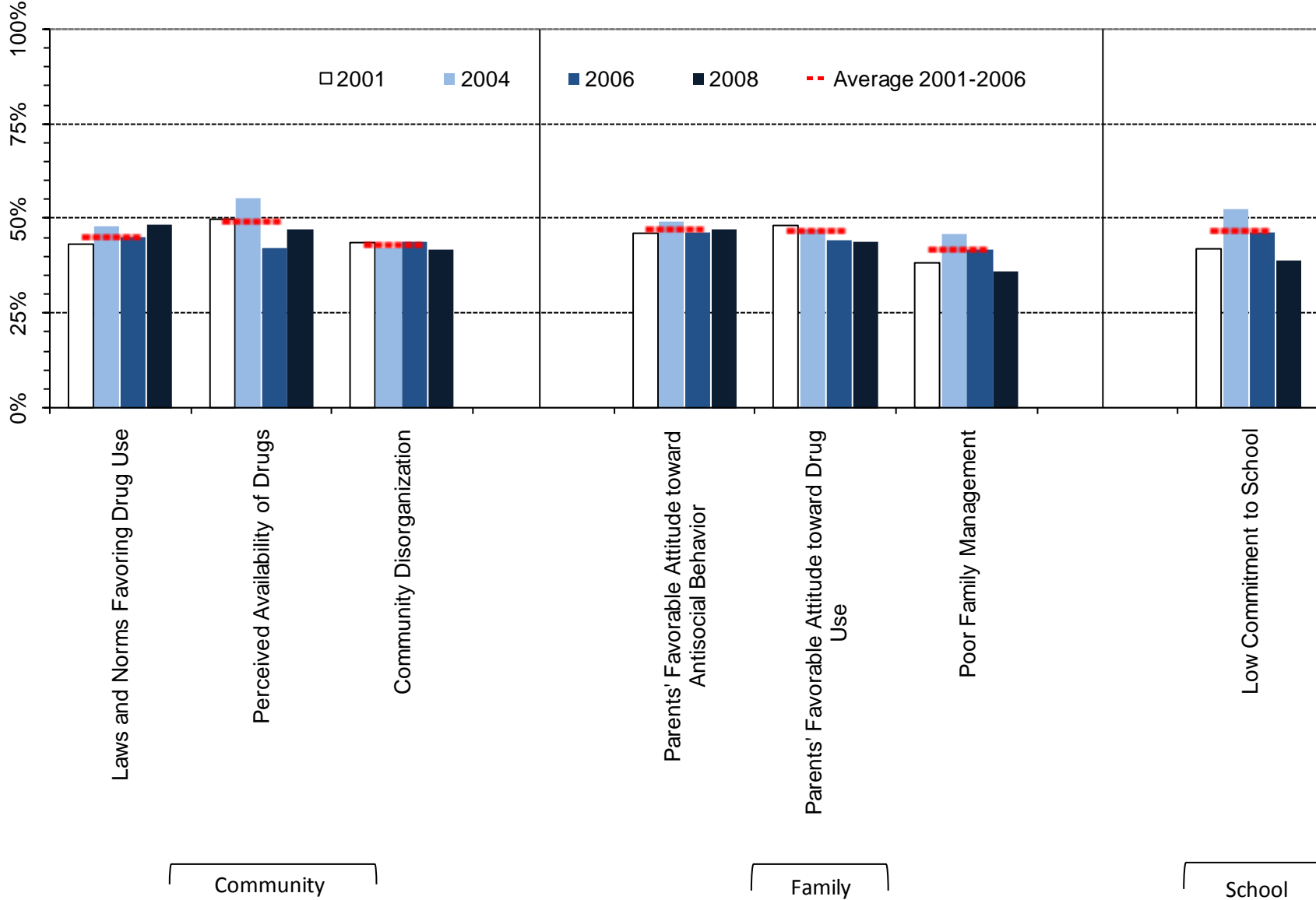


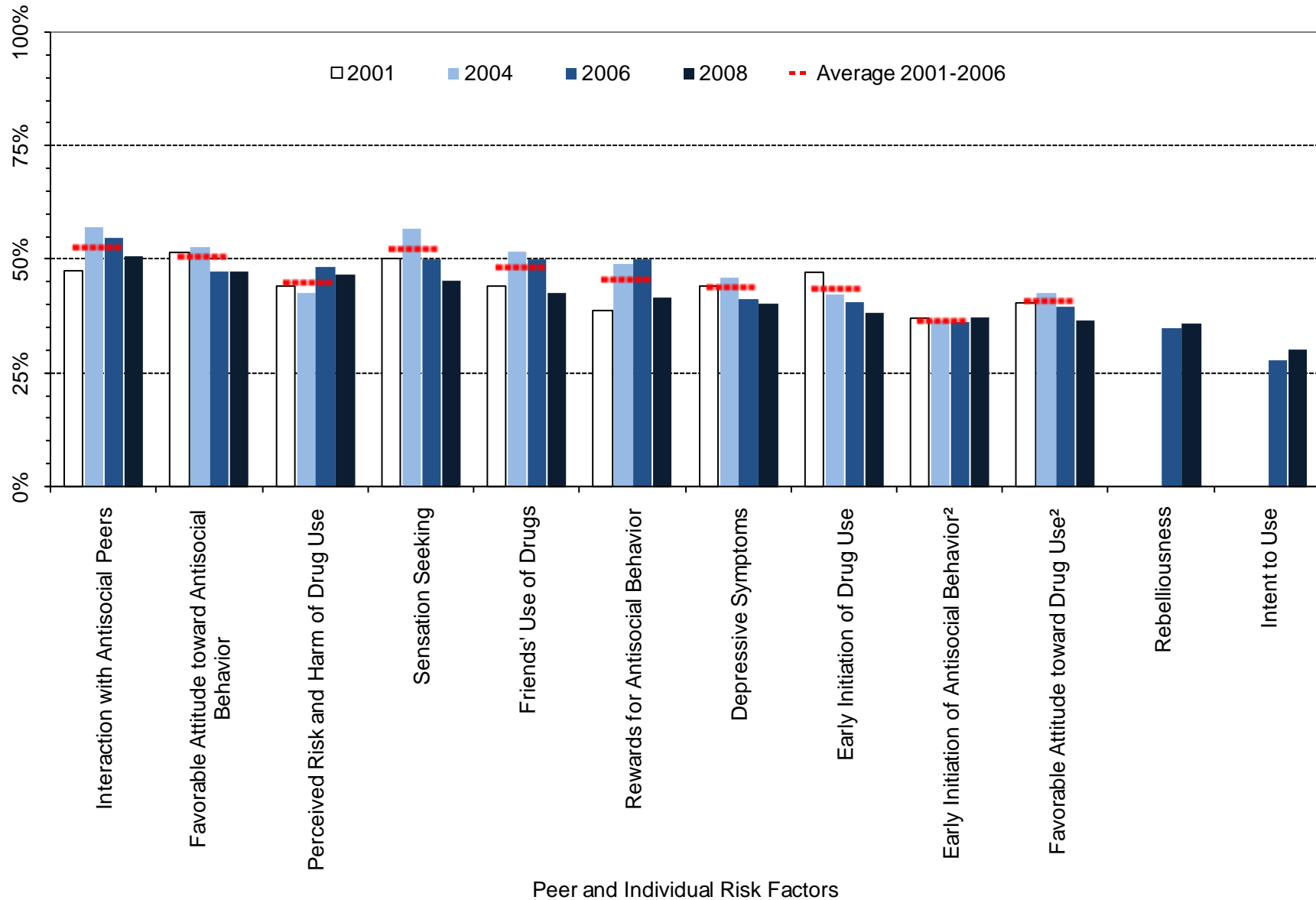
Figure 23. At-risk youth by Community, Family and School Domains, 2001-2008 PNA percentages: Natrona County, 10th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Figure 24. At-risk youth, Peer/Individual Domain, 2001-2008 PNA percentages: Natrona County, 10th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Table 9. Percent of students in Natrona County classified as at-risk, 10th grade

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
		Community	Community Disorganization	37%	4063	42%	460	44%	423	42%	512	44%	574
	Laws and Norms Favoring Drug Use	47%	4111	49%	464	45%	430	48%	515	43%	571	45%	2.5%
	Perceived Availability of Drugs	46%	4123	47%	465	42%	436	56%	521	50%	582	49%	6.6%
Family	Poor Family Management	35%	4090	36%	455	42%	396	46%	511	38%	567	42%	3.9%
	Parents' Favorable Attitude toward Antisocial Behavior	50%	4084	47%	453	47%	403	50%	511	46%	572	47%	1.9%
	Parents' Favorable Attitude toward Drug Use	46%	4085	44%	453	44%	403	48%	510	48%	573	47%	2.0%
School	Low Commitment to School	44%	4249	39%	506	47%	495	53%	555	42%	593	47%	5.5%
Peer/ Individual	Rebelliousness	37%	4230	36%	491	35%	470	---	---	---	---	---	---
	Early Initiation of Antisocial Behavior	37%	4236	37%	505	37%	490	37%	550	37%	594	37%	0.2%
	Early Initiation of Drug Use	36%	4236	38%	505	41%	491	43%	546	47%	594	44%	3.3%
	Favorable Attitude toward Antisocial Behavior	48%	4244	48%	506	48%	490	53%	543	52%	592	51%	2.7%
	Favorable Attitude toward Drug Use	37%	4244	37%	506	40%	490	43%	547	40%	589	41%	1.7%
	Intent to Use	28%	4192	30%	491	28%	473	---	---	---	---	---	---
	Perceived Risk and Harm of Drug Use	41%	4193	47%	488	48%	457	43%	534	44%	586	45%	2.9%
	Interaction with Antisocial Peers	50%	4227	51%	504	55%	490	57%	546	47%	589	53%	5.1%
	Friends' Use of Drugs	40%	4227	43%	504	50%	490	52%	547	44%	592	49%	4.1%
	Sensation Seeking	49%	4202	45%	499	50%	485	57%	540	50%	592	52%	4.0%
	Rewards for Antisocial Behavior	45%	4223	42%	502	50%	490	49%	540	39%	588	46%	6.2%
Depressive Symptoms	38%	4202	40%	488	41%	474	46%	538	44%	589	44%	2.4%	

3.4. 12th Grade Risk Factor Prevalence Rates

Figure 25. Risk Factor profile, 2008 PNA: Natrona County, 12th graders

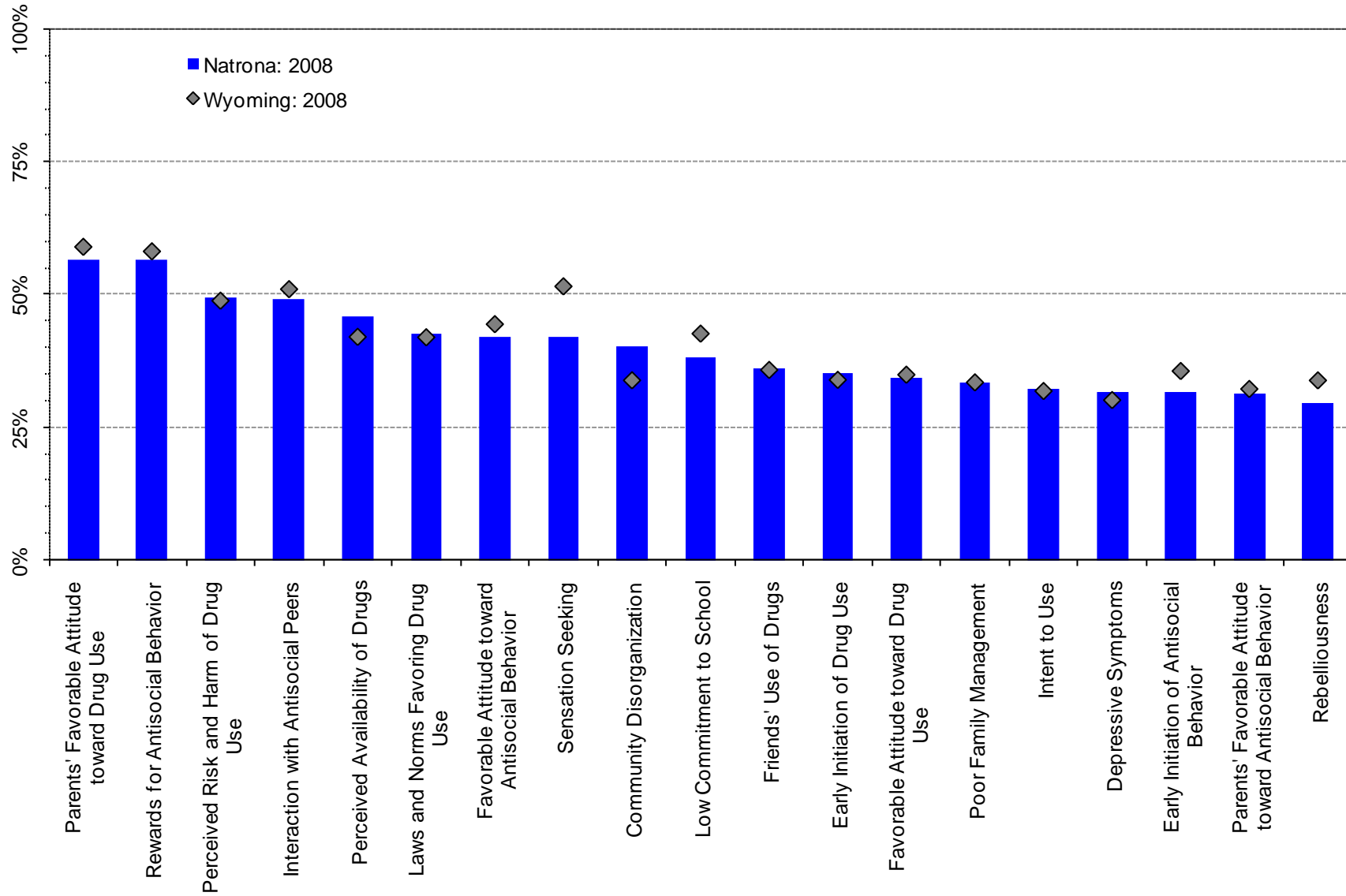
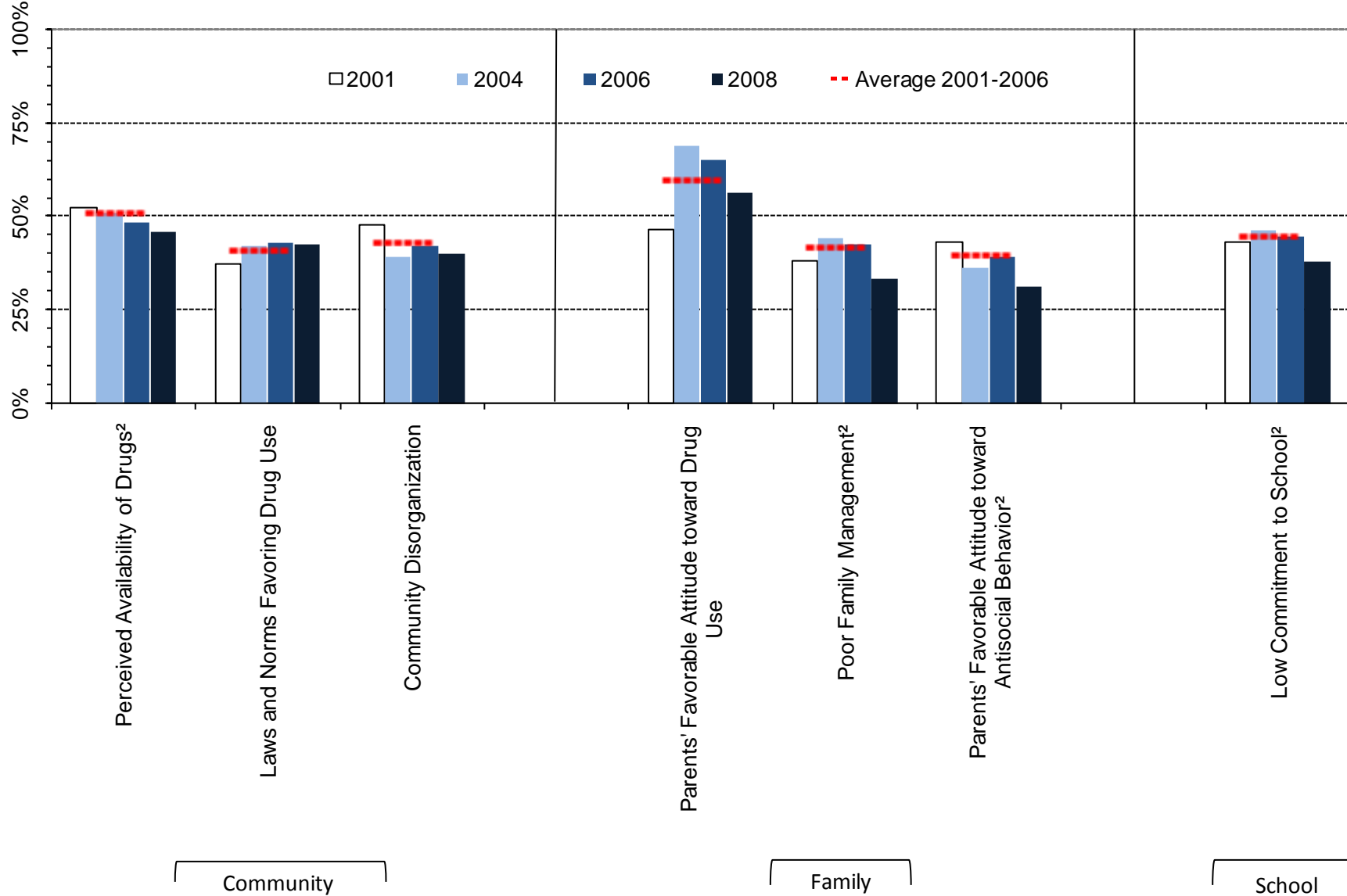


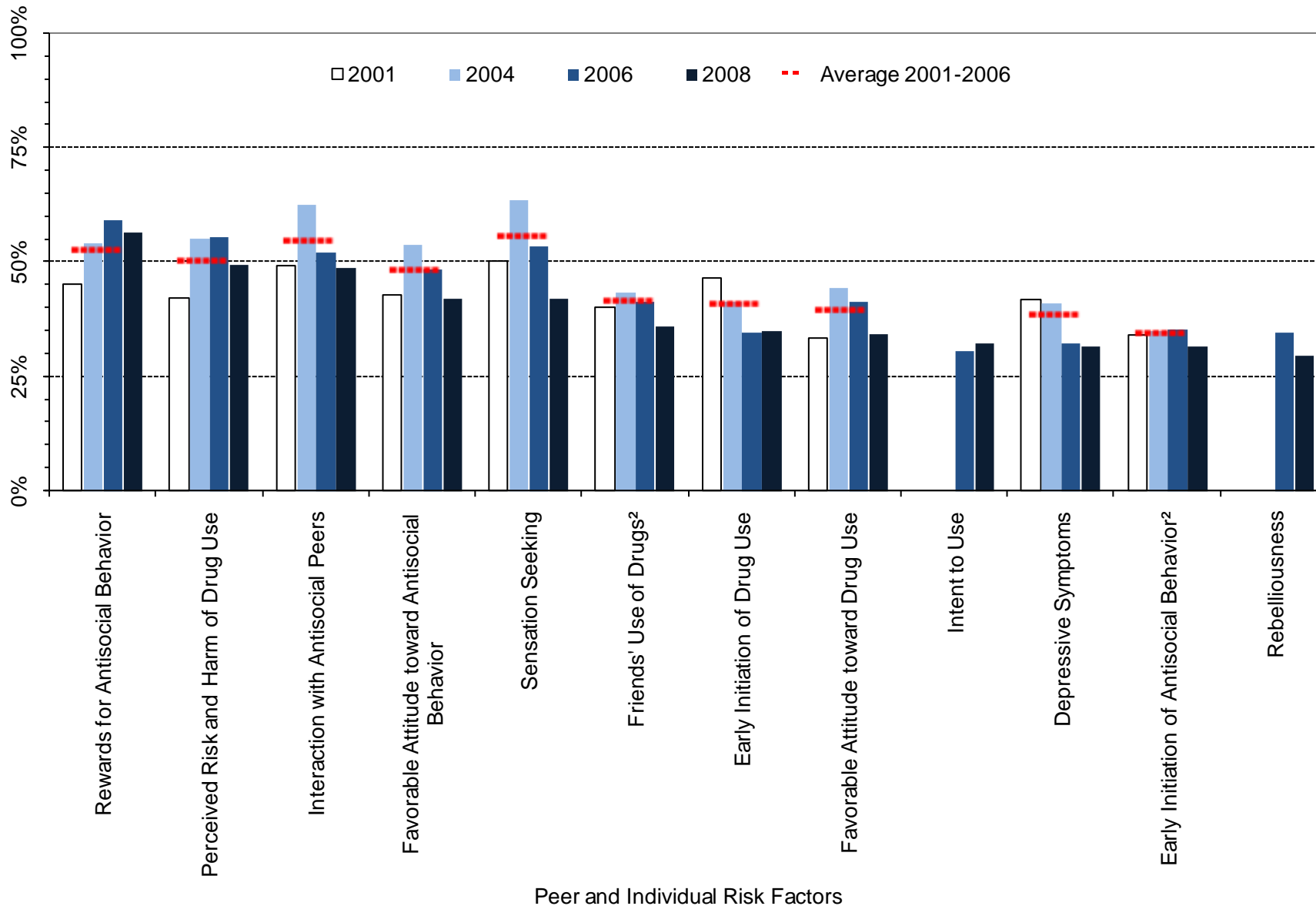
Figure 26. At-risk youth by Community, Family And School Domains, 2001-2008 PNA percentages: Natrona County, 12th graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Figure 27. At-risk youth, Peer/Individual Domain, 2001-2008 PNA percentages: Natrona County, 12 graders



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Table 10. Percent of students in Natrona County classified as at-risk, 12th grade

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
		Community	Community Disorganization	34%	2794	40%	283	42%	195	39%	250	48%	381
	Laws and Norms Favoring Drug Use	42%	2821	43%	286	43%	199	42%	250	37%	382	41%	3.3%
	Perceived Availability of Drugs	42%	2835	46%	290	49%	200	51%	256	52%	381	51%	1.9%
Family	Poor Family Management	33%	2816	34%	280	43%	190	44%	252	38%	372	42%	3.4%
	Parents' Favorable Attitude toward Antisocial Behavior	32%	2804	31%	277	39%	189	36%	251	43%	372	40%	3.4%
	Parents' Favorable Attitude toward Drug Use	59%	2805	56%	278	65%	189	69%	250	46%	376	60%	12.2%
School	Low Commitment to School	42%	2908	38%	299	45%	234	47%	268	43%	396	45%	1.7%
Peer/ Individual	Rebelliousness	34%	2882	29%	295	35%	217	---	---	---	---	---	---
	Early Initiation of Antisocial Behavior	35%	2884	32%	295	35%	233	35%	263	34%	397	35%	0.6%
	Early Initiation of Drug Use	34%	2885	35%	296	35%	234	42%	265	46%	397	41%	5.9%
	Favorable Attitude toward Antisocial Behavior	44%	2898	42%	297	49%	233	54%	264	43%	396	48%	5.6%
	Favorable Attitude toward Drug Use	35%	2899	34%	297	41%	232	45%	265	33%	396	40%	5.8%
	Intent to Use	32%	2870	32%	295	31%	223	---	---	---	---	---	---
	Perceived Risk and Harm of Drug Use	49%	2860	49%	293	56%	205	55%	256	42%	391	51%	7.6%
	Interaction with Antisocial Peers	51%	2900	49%	296	52%	235	63%	267	49%	393	55%	7.0%
	Friends' Use of Drugs	36%	2899	36%	297	41%	235	44%	266	40%	395	42%	1.8%
	Sensation Seeking	51%	2875	42%	295	54%	230	64%	267	50%	395	56%	7.1%
	Rewards for Antisocial Behavior	58%	2898	56%	296	59%	235	54%	262	45%	392	53%	7.1%
	Depressive Symptoms	30%	2865	32%	294	32%	222	41%	257	42%	395	39%	5.2%

4. Protective Factors Prevalence Rates

Figure 28. Protective Factor profile, 2008 PNA: Natrona County, all grade levels

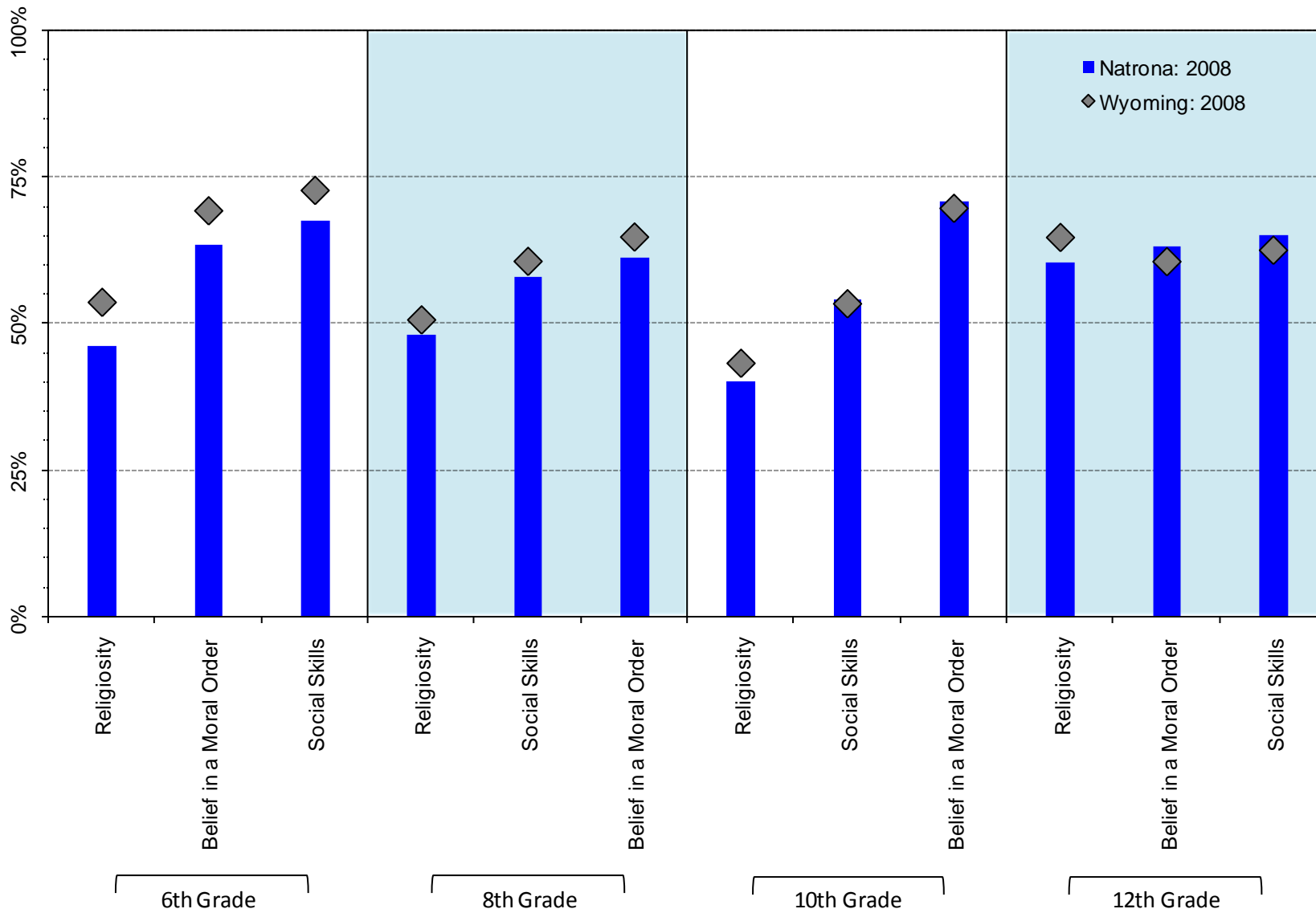
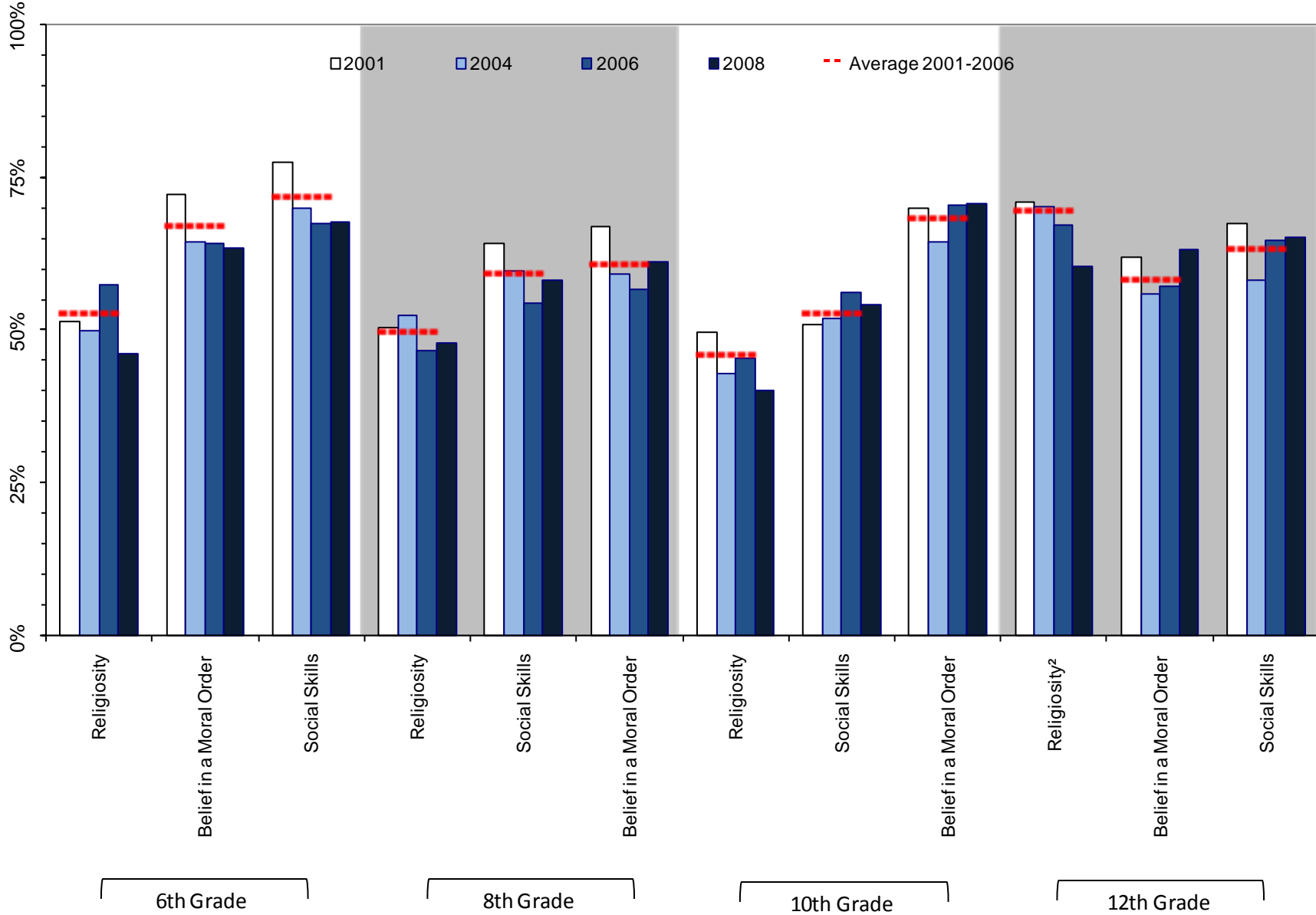


Figure 29. Protective Factor prevalence rates, 2001-2008 PNA: Natrona County, by grades surveyed



¹ Meaningful difference between the 2006 and the 2008 prevalence rates.

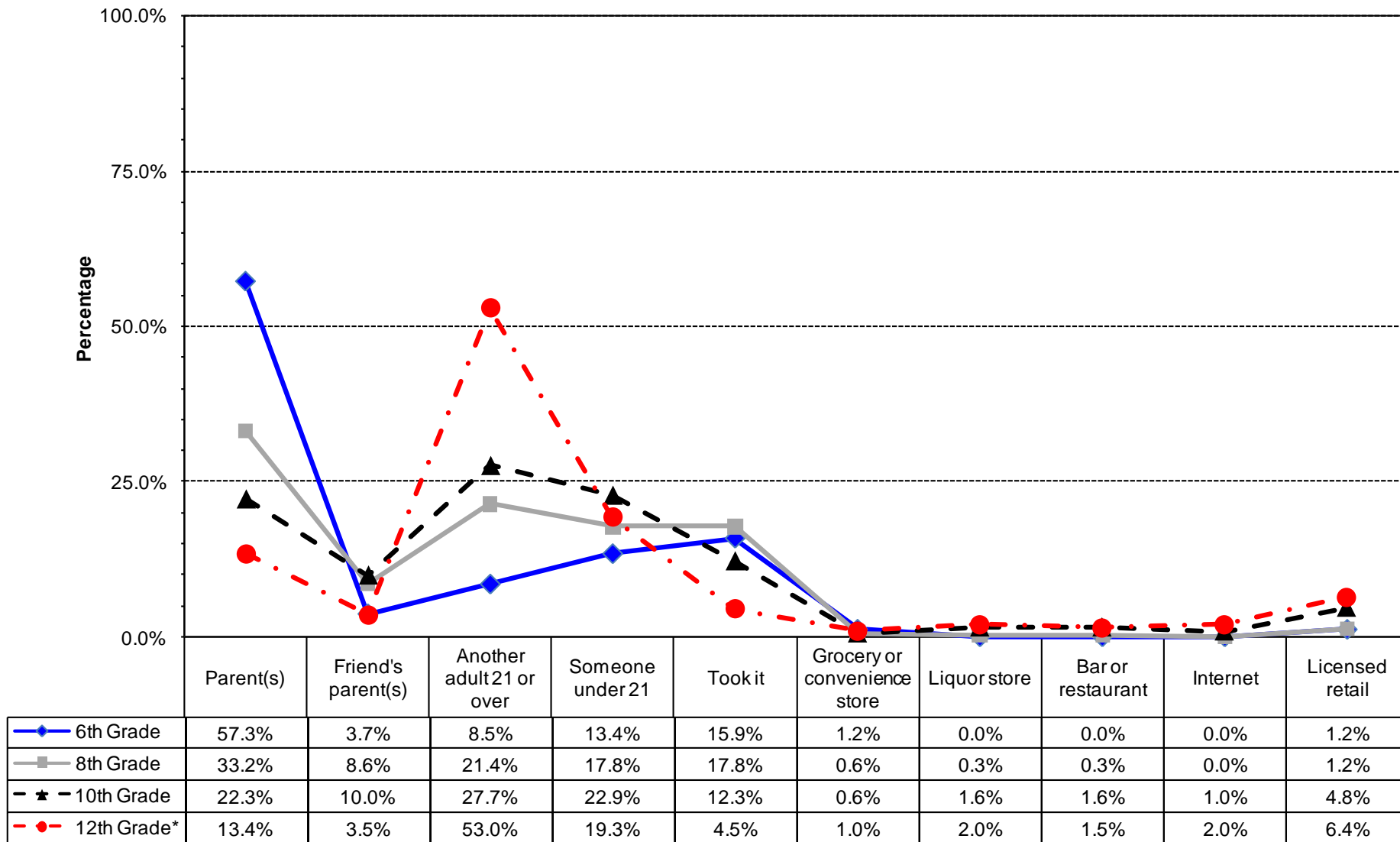
² Meaningful difference between the 2008 prevalence rate and the average prevalence rate from 2001 to 2006.

Table 11. Percent of students in Natrona County Classified as at-high-protection by grade level

		Wyoming: 2008		Natrona: 2008		Natrona: 2006		Natrona: 2004		Natrona: 2001		Natrona: Moving Average	
		%	n	%	n	%	n	%	n	%	n	Mean	SD
6 th Grade	Religiosity	54%	4743	46%	338	57%	618	50%	563	51%	736	53%	4.0%
	Social Skills	73%	4799	68%	336	68%	649	70%	583	78%	751	72%	5.2%
	Belief in a Moral Order	69%	4776	63%	323	64%	641	64%	572	72%	743	67%	4.6%
8 th Grade	Religiosity	51%	4936	48%	709	47%	660	52%	735	51%	639	50%	2.9%
	Social Skills	61%	4945	58%	698	54%	667	60%	732	64%	640	59%	4.8%
	Belief in a Moral Order	65%	4948	61%	706	57%	669	59%	719	67%	636	61%	5.4%
10 th Grade	Religiosity	43%	4200	40%	496	45%	492	43%	544	50%	589	46%	3.5%
	Social Skills	53%	4207	54%	494	56%	481	52%	542	51%	591	53%	2.7%
	Belief in a Moral Order	70%	4204	71%	489	70%	473	64%	538	70%	590	68%	3.4%
12 th Grade	Religiosity	65%	2890	60%	295	67%	234	70%	263	71%	397	70%	2.1%
	Social Skills	63%	2876	65%	295	65%	226	58%	263	67%	395	63%	4.7%
	Belief in a Moral Order	61%	2863	63%	294	57%	222	56%	259	62%	394	58%	3.1%

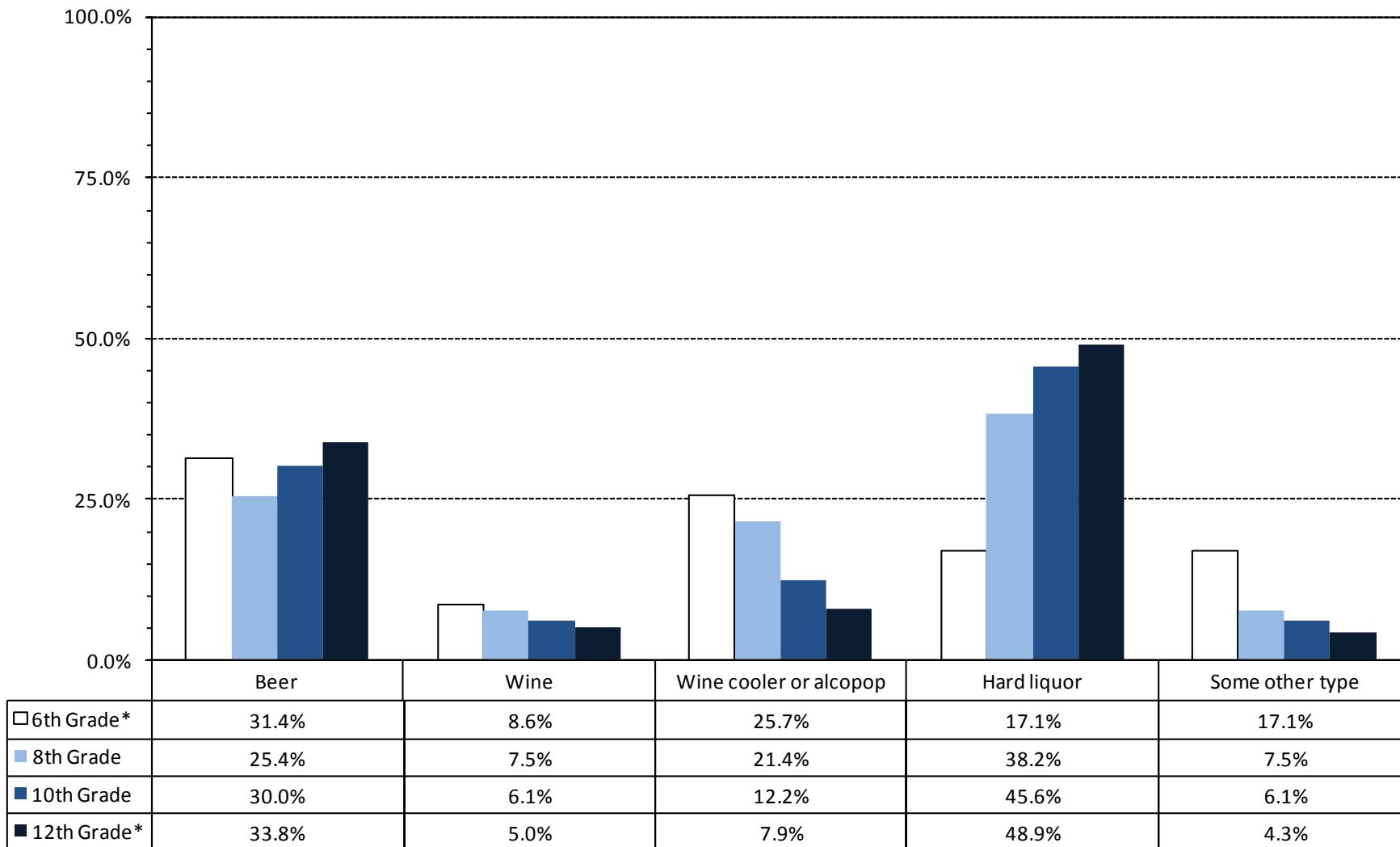
5. Alcohol in the Community

Figure 30. Source of alcohol for last drink (for those reporting use), by grade level: 2008 PNA, Natrona County



* Values do not sum to 100% due to rounding error.

Figure 31. Type of alcohol most often consumed by those students reporting use, by grade level: 2008 PNA, Natrona County



* Values do not sum to 100% due to rounding error

Figure 32. Locations reported where 6th Grade students in Natrona County consumed alcohol during the past 12 months: 2008 PNA

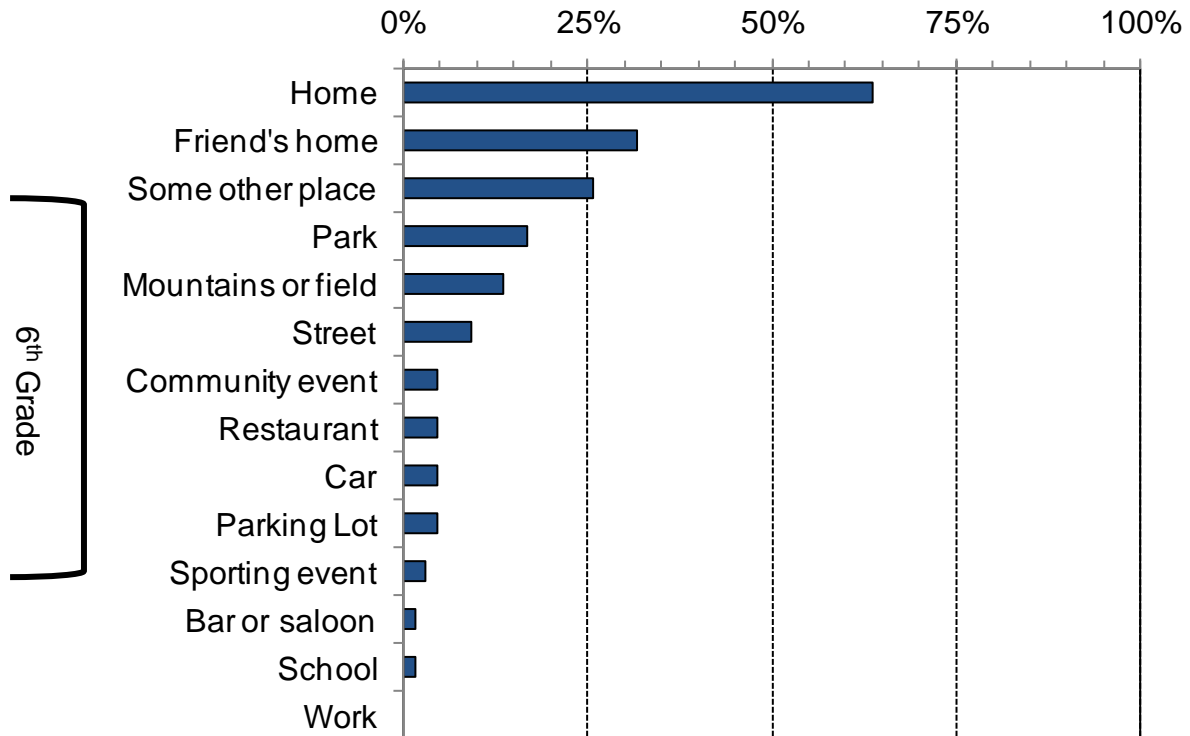


Figure 33. Locations reported where 8th grade students in Natrona County consumed alcohol during the past 12 months: 2008 PNA

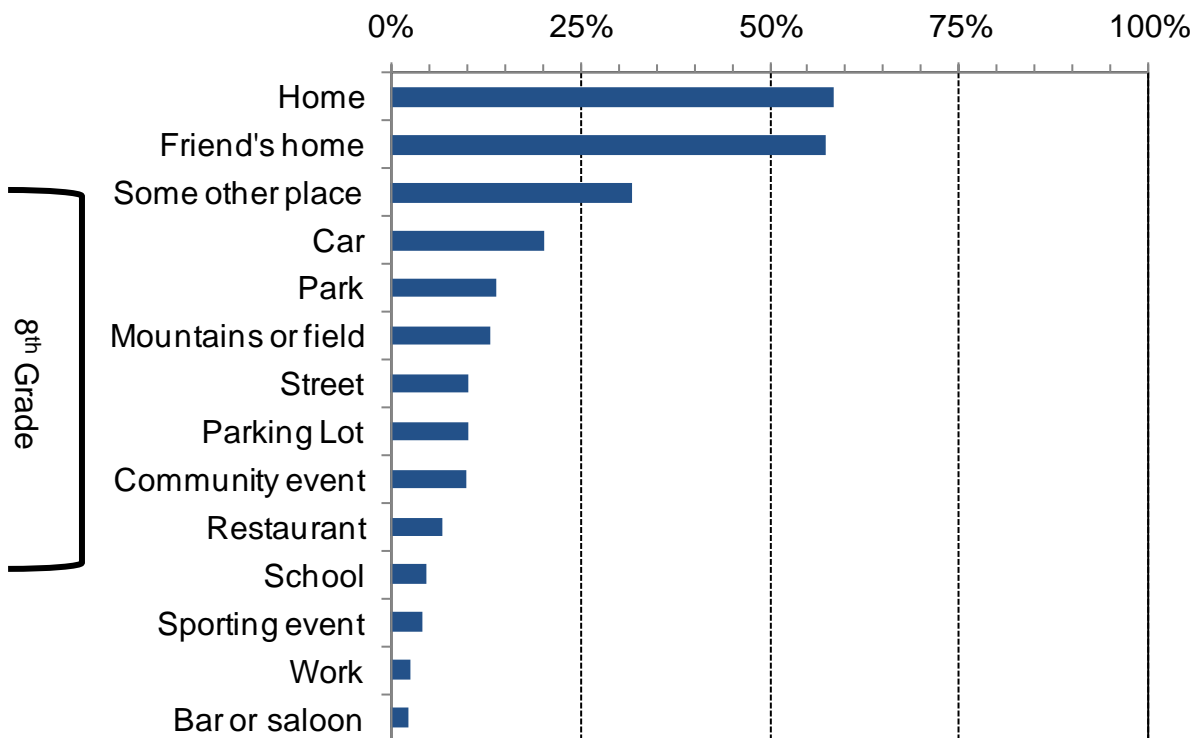


Figure 34. Locations reported where 10th grade students in Natrona County consumed alcohol during the past 12 months: 2008 PNA

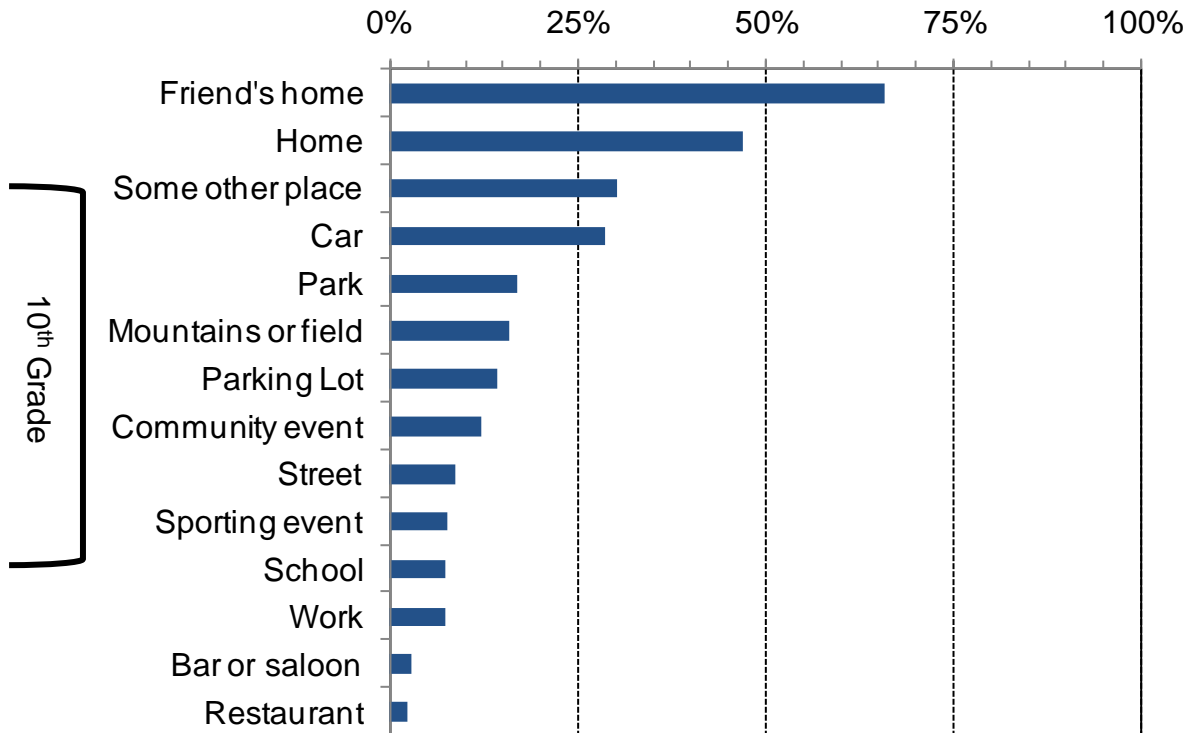


Figure 35. Locations reported where 12th grade students in Natrona County consumed alcohol during the past 12 months: 2008 PNA

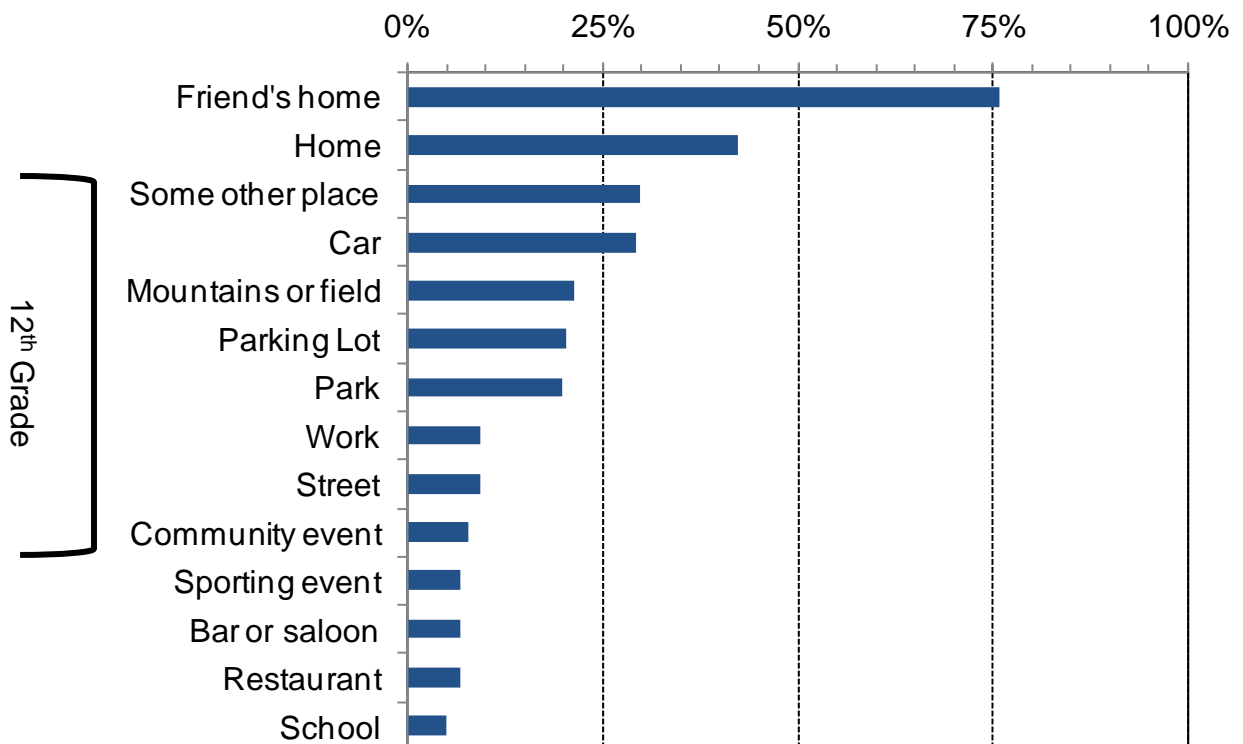
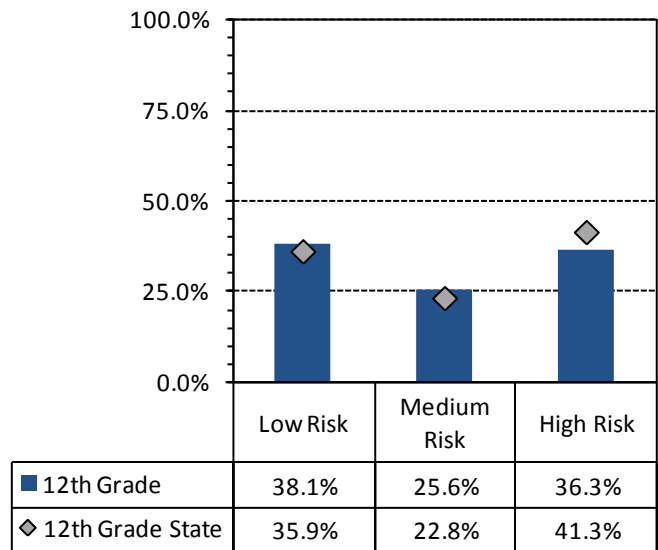
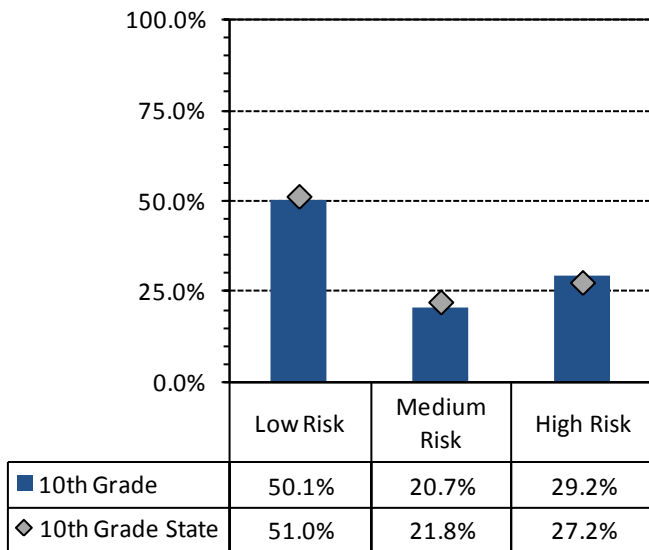
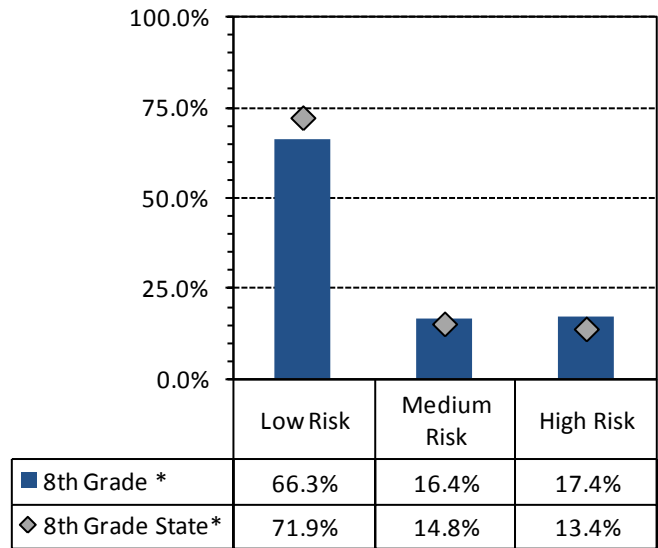
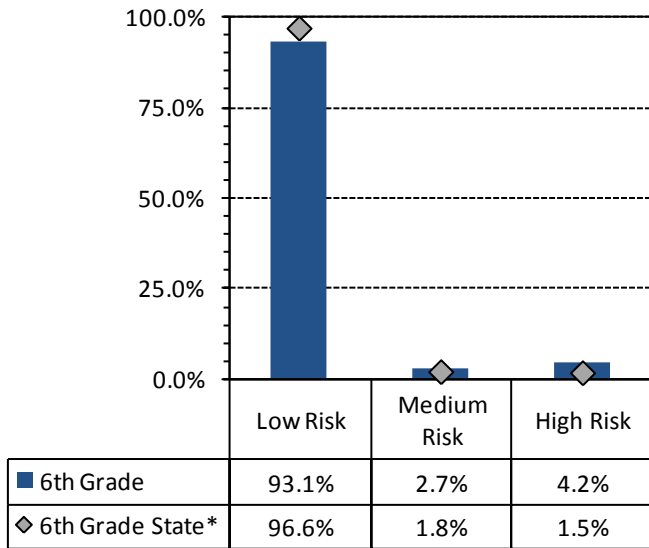


Figure 36. 30-day alcohol use- high, medium, and low risk percentages based on Risk Factor models: 2008 PNA, Natrona County students by grade



* Values do not sum to 100% due to rounding error

Table 12. Attended events where alcohol was involved: 2008 PNA, percentage of students reporting by grade

	6th Grade		8th Grade		10th Grade		12th Grade	
	Wyoming	Natrona	Wyoming	Natrona	Wyoming	Natrona	Wyoming	Natrona
Attended a gathering where large amounts of alcohol were available	28%	29%	46%	50%	60%	56%	69%	66%
Attended a community event where adults were drinking	58%	63%	70%	77%	76%	77%	79%	80%
Attended a community event where alcohol was being sold	42%	45%	61%	66%	70%	70%	74%	76%
Attended a community event where adults were drunk or intoxicated	26%	31%	49%	59%	64%	66%	70%	73%

Table 13. Students who reported they knew an adult who had gotten drunk; and percentage of students who reported they received a minor in possession charge: 2008 PNA, percentage, by grade

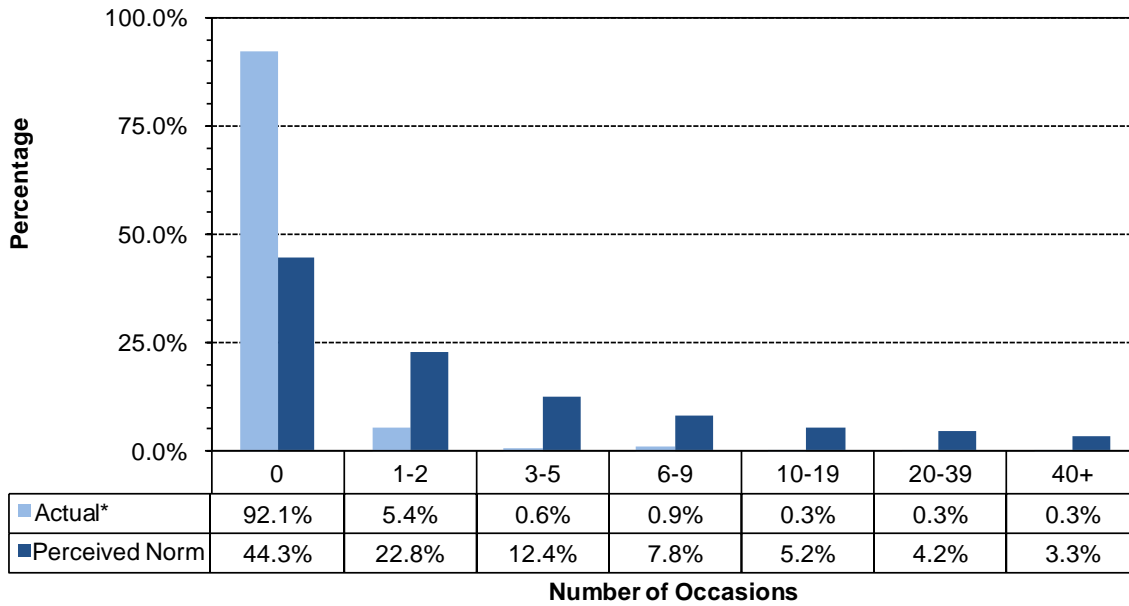
	6th Grade		8th Grade		10th Grade		12th Grade	
	Wyoming	Natrona	Wyoming	Natrona	Wyoming	Natrona	Wyoming	Natrona
Personally known an adult who in the past 12 months has gotten drunk	61%	65%	75%	78%	83%	79%	86%	84%
Received a Minor in Possession Charge for Alcohol in the past 12 months	1%	1%	2%	3%	4%	4%	9%	10%

6. Social Norms

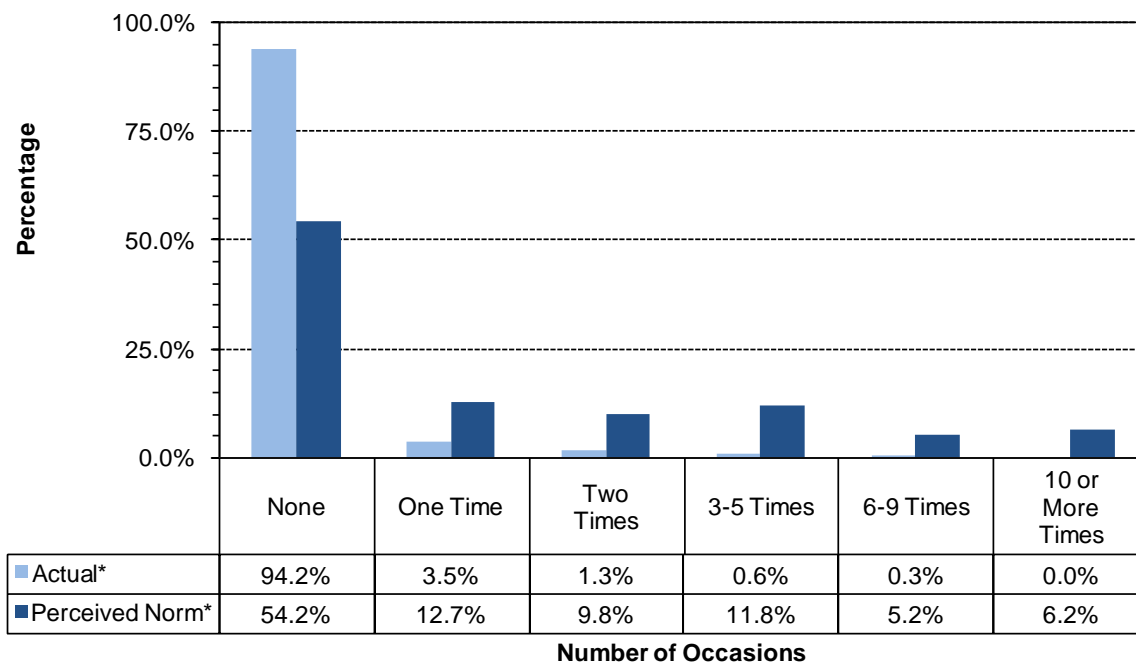
6.1. Social Norms Results for 6th Grade

Figure 37. Alcohol use and binge drinking perception of use *by most students* compared to actual use: Natrona County, 6th graders

30-Day Use of Alcohol



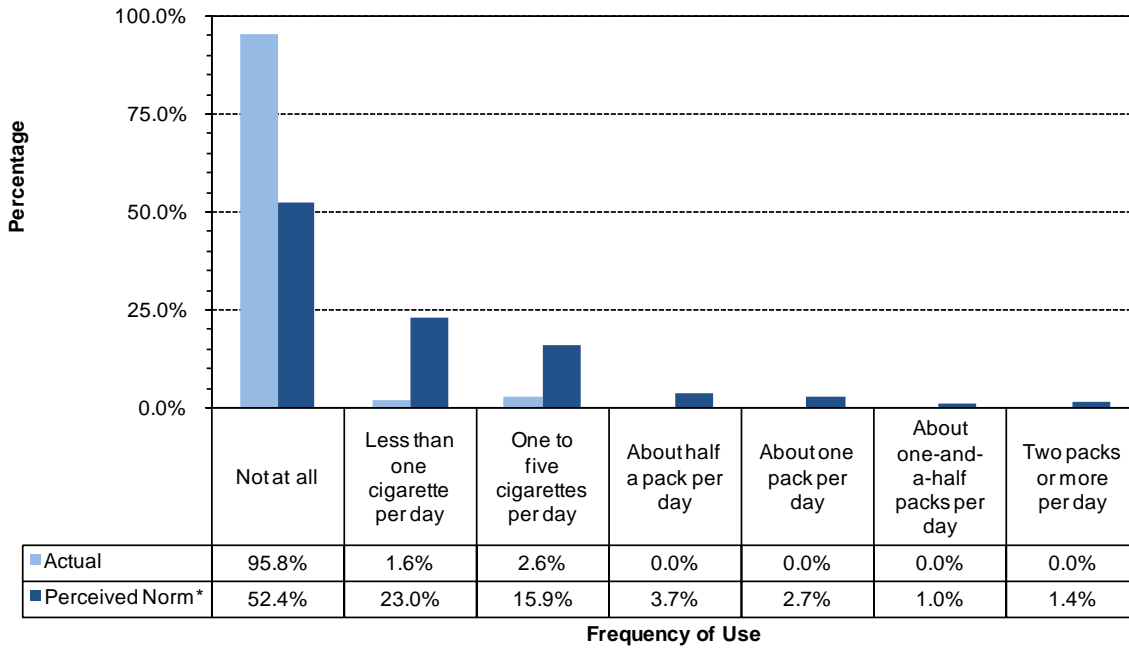
Two Week Binge Drinking



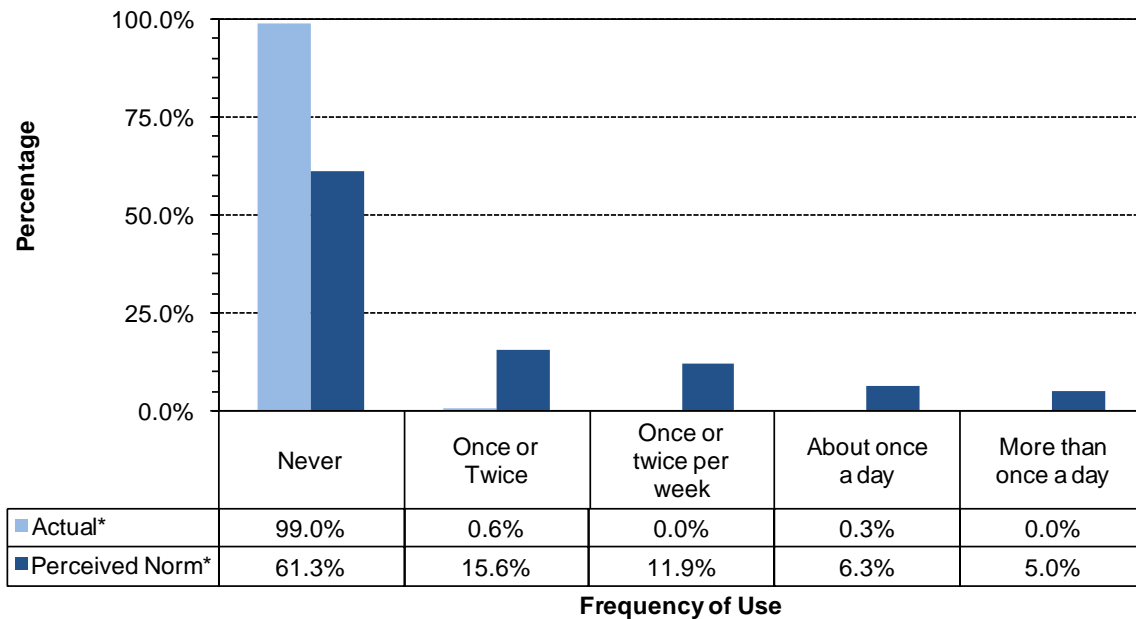
* Values do not sum to 100% due to rounding error

Figure 38. Cigarettes and chewing tobacco, perception of use *by most students* compared to actual use: Natrona County, 6th graders

30-Day Use of Cigarettes

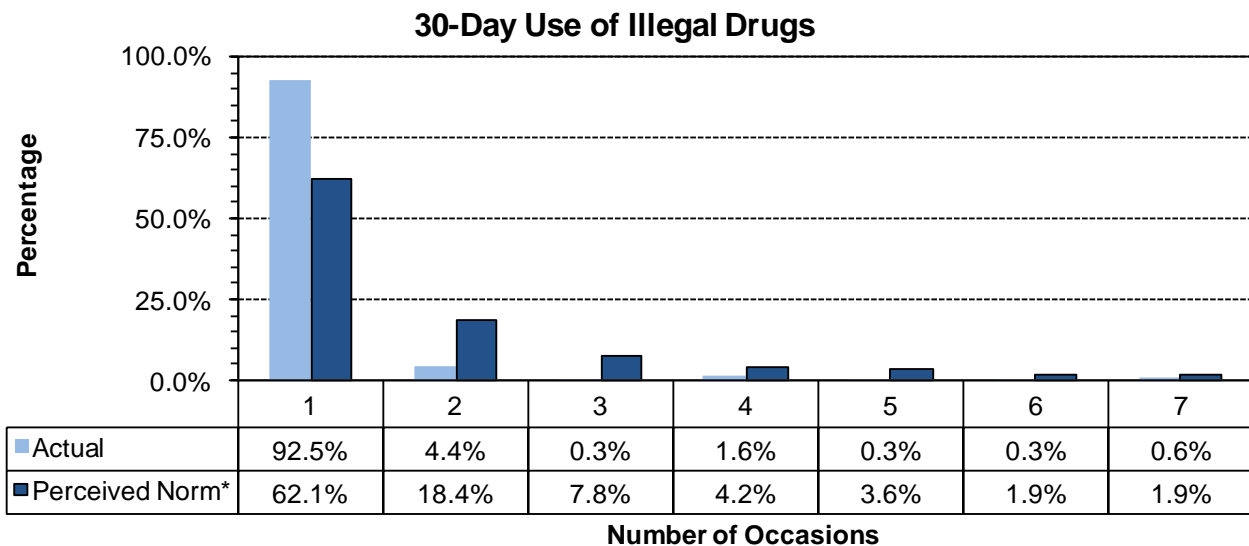
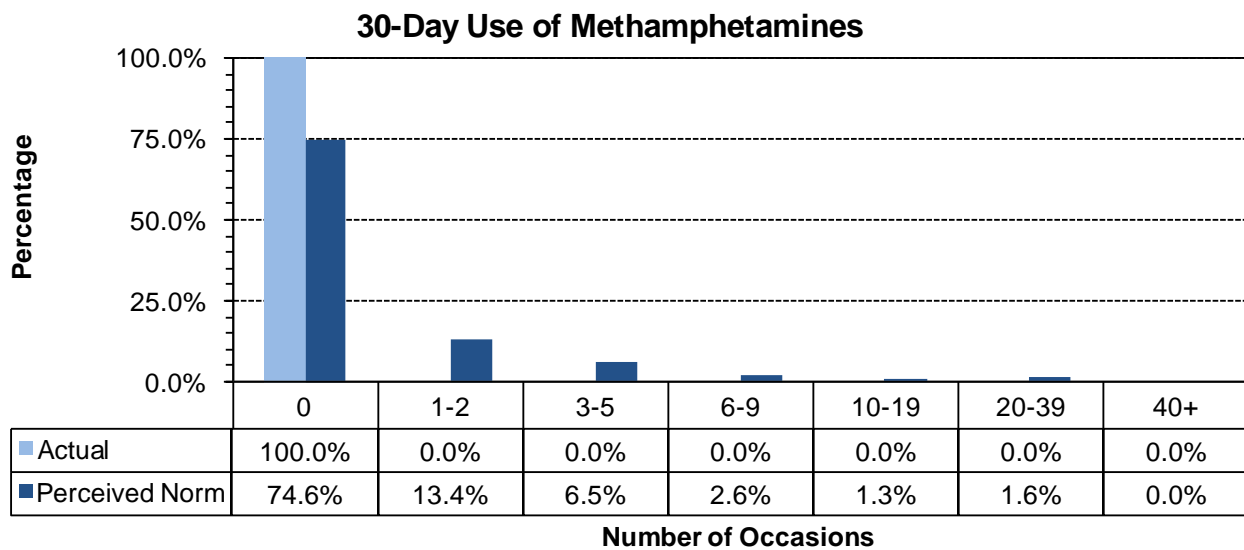
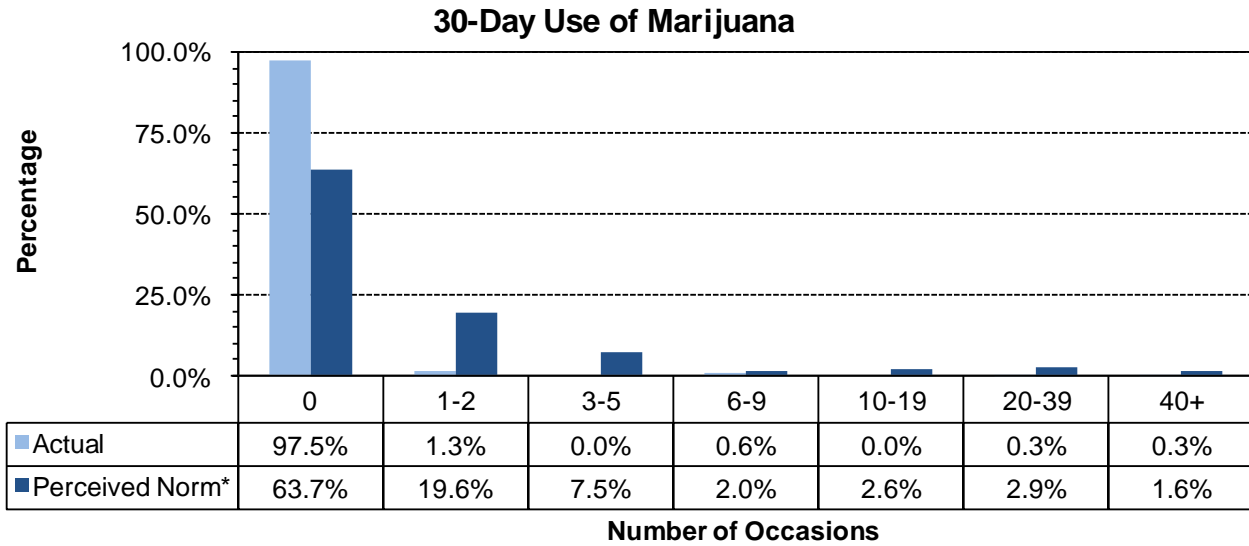


30-Day Use of Chewing Tobacco



* Values do not sum to 100% due to rounding error

Figure 39. Marijuana, methamphetamines and illegal drugs, perception of use *by most students* compared to actual use: Natrona County, 6th graders

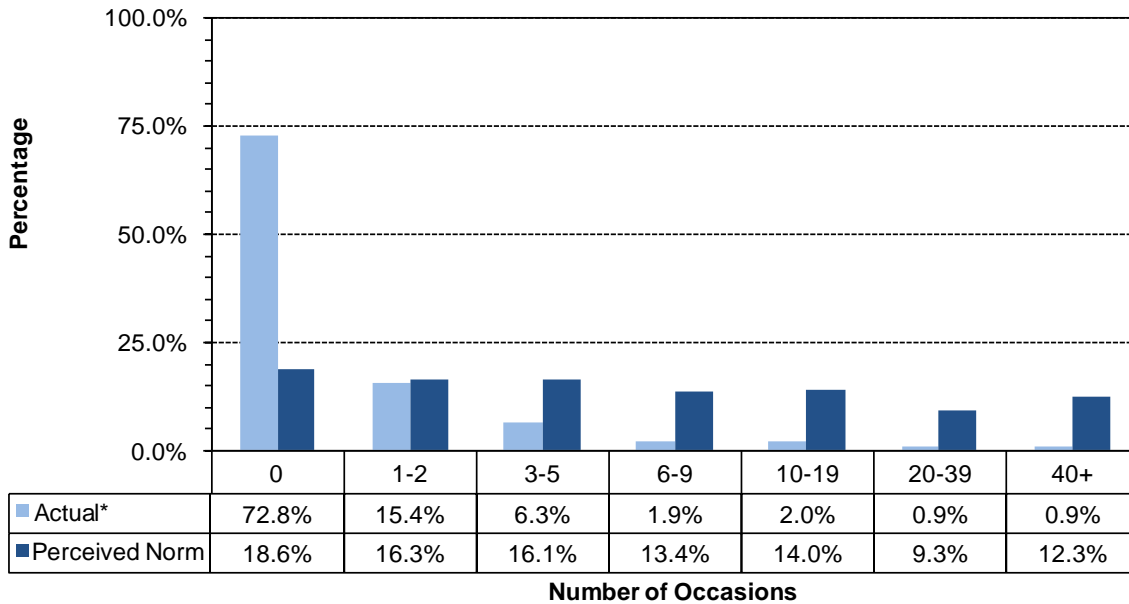


* Values do not sum to 100% due to rounding error

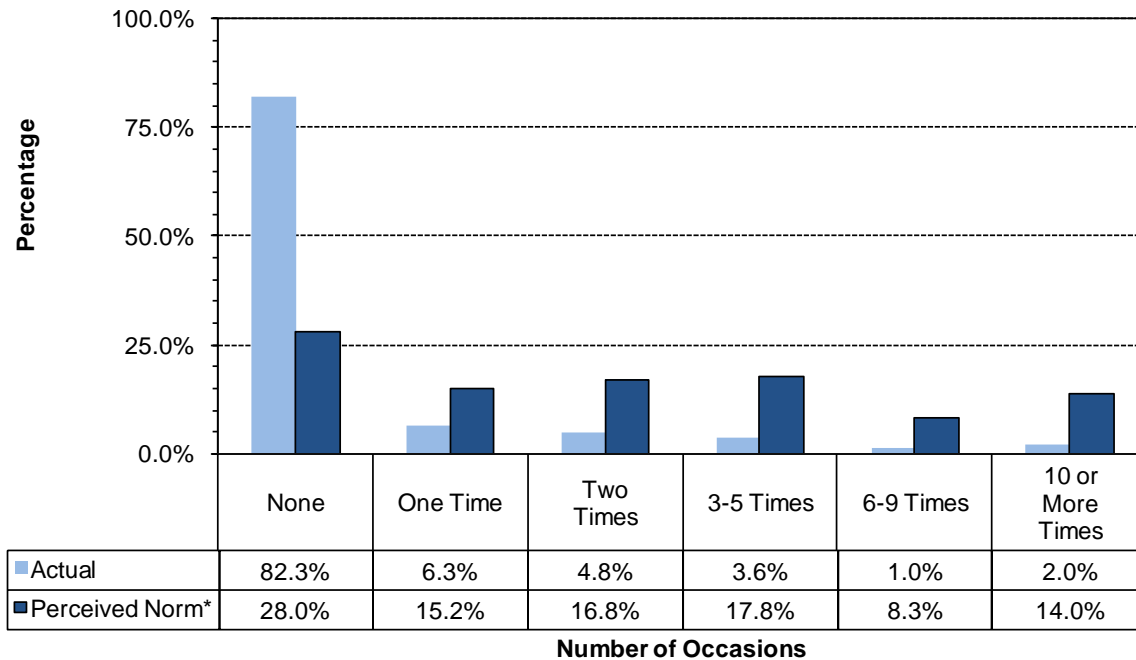
6.2. Social Norms Results for 8th Grade

Figure 40. Alcohol use, and binge drinking perception of use *by most students* compared to actual use: Natrona County, 8th graders

30-Day Use of Alcohol



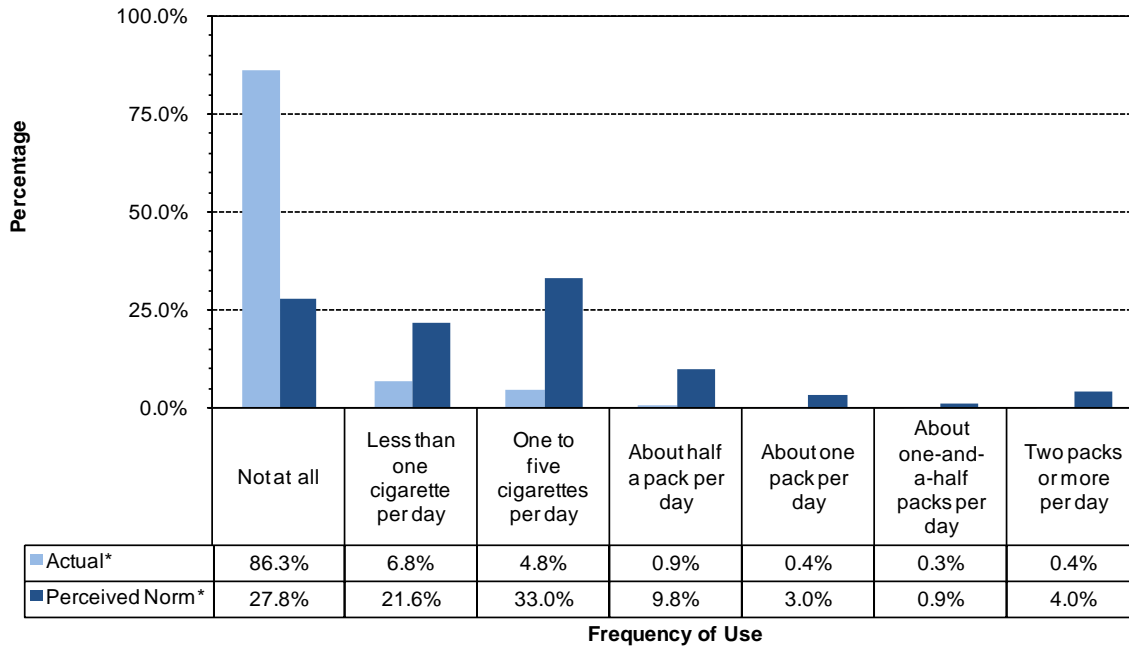
Two Week Binge Drinking



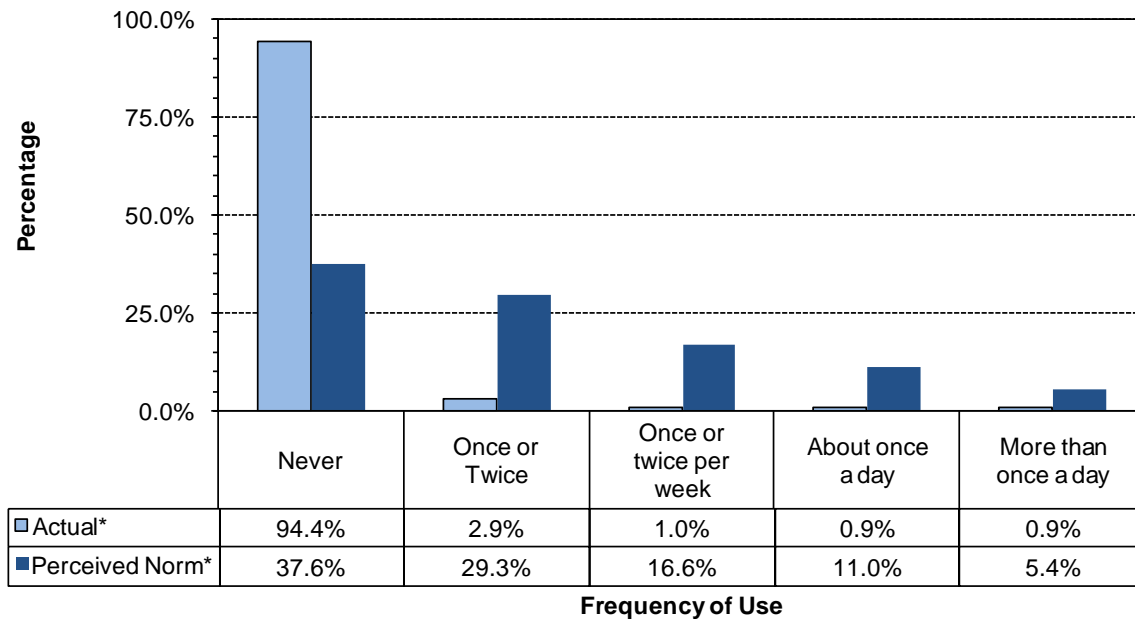
* Values do not sum to 100% due to rounding error

Figure 41. Cigarettes and chewing tobacco, perception of use *by most students* compared to actual use: Natrona County, 8th grade

30-Day Use of Cigarettes

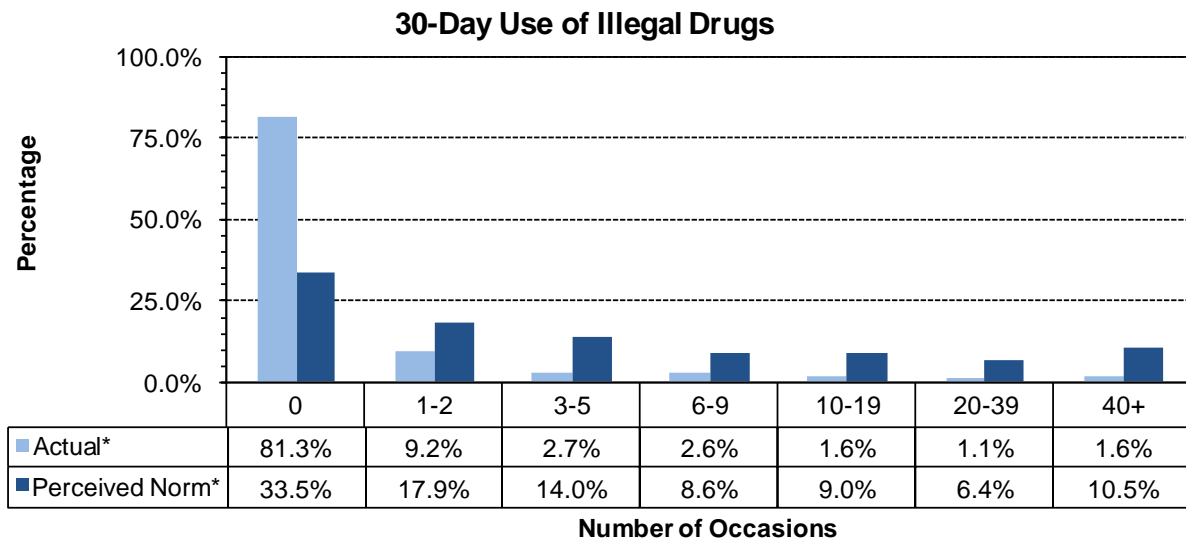
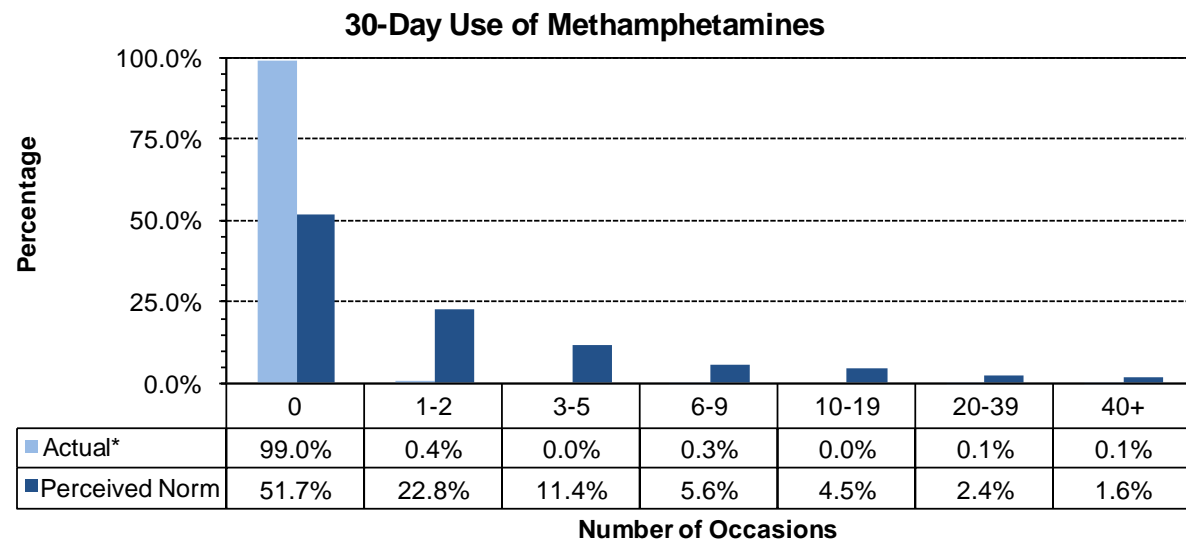
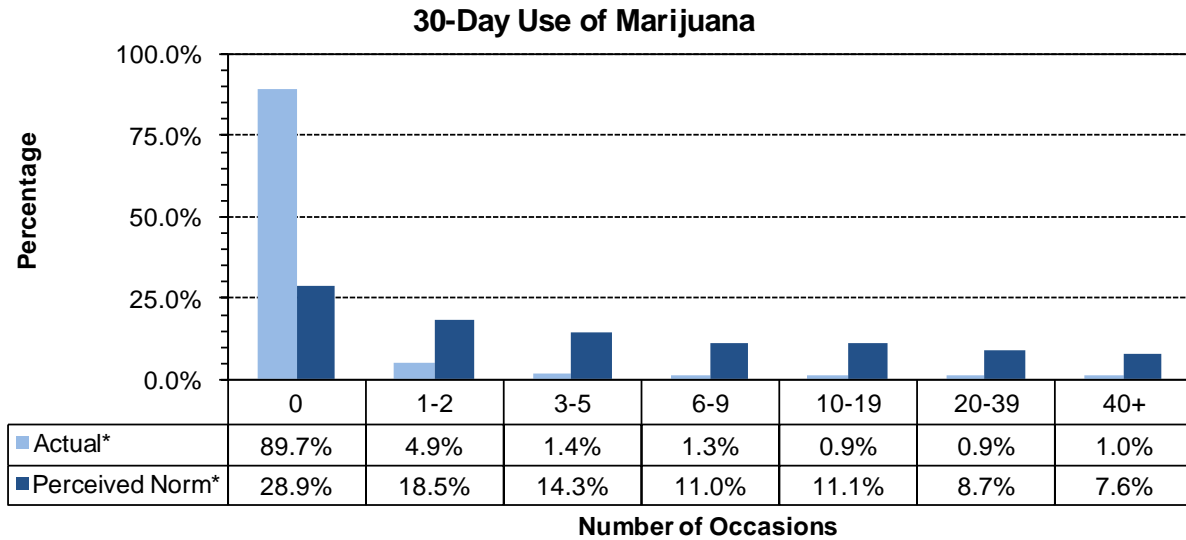


30-Day Use of Chewing Tobacco



* Values do not sum to 100% due to rounding error

Figure 42. Marijuana, methamphetamines and illegal drugs, perception of use *by most students* compared to actual use: Natrona County, 8th graders

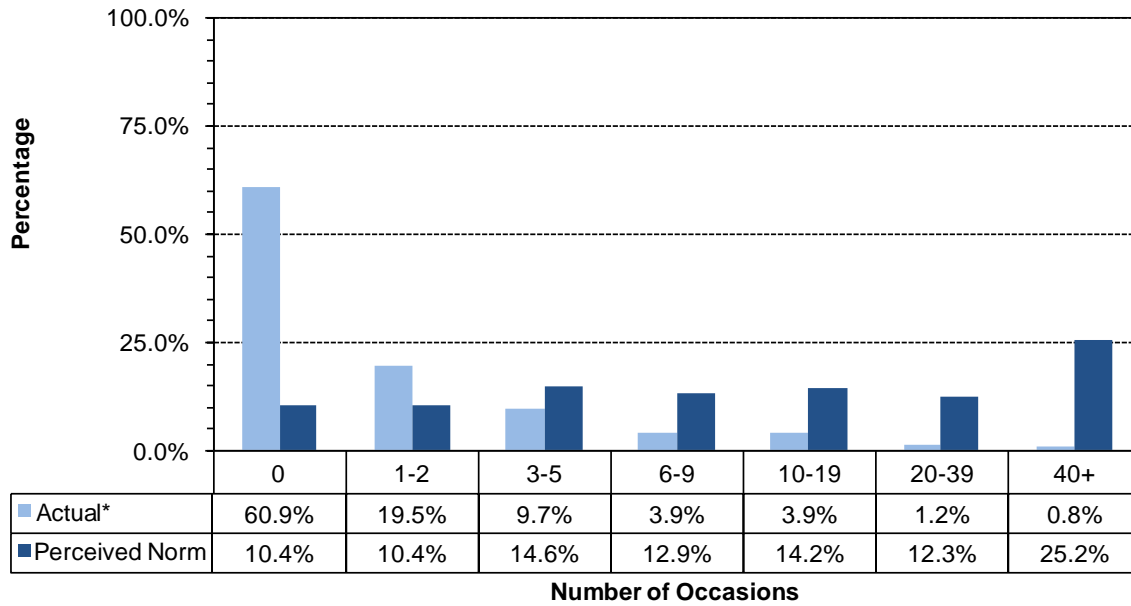


* Values do not sum to 100% due to rounding error

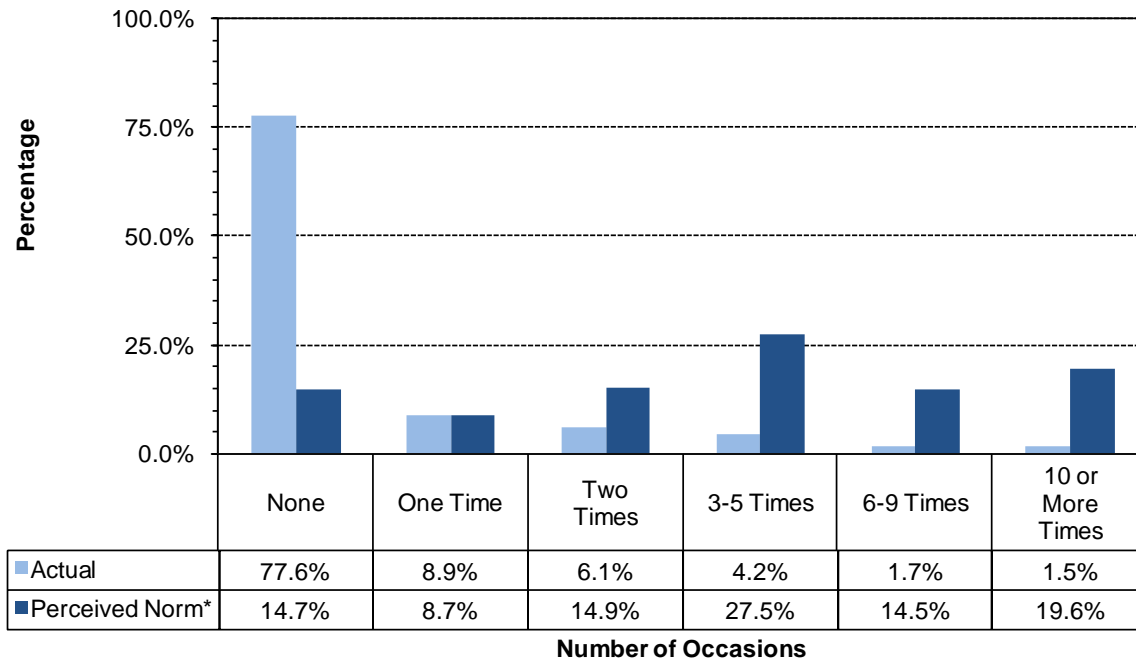
6.3. Social Norms Results for 10th Grade

Figure 43. Alcohol use, and binge drinking perception of use *by most students* compared to actual use: Natrona County, 10th graders

30-Day Use of Alcohol



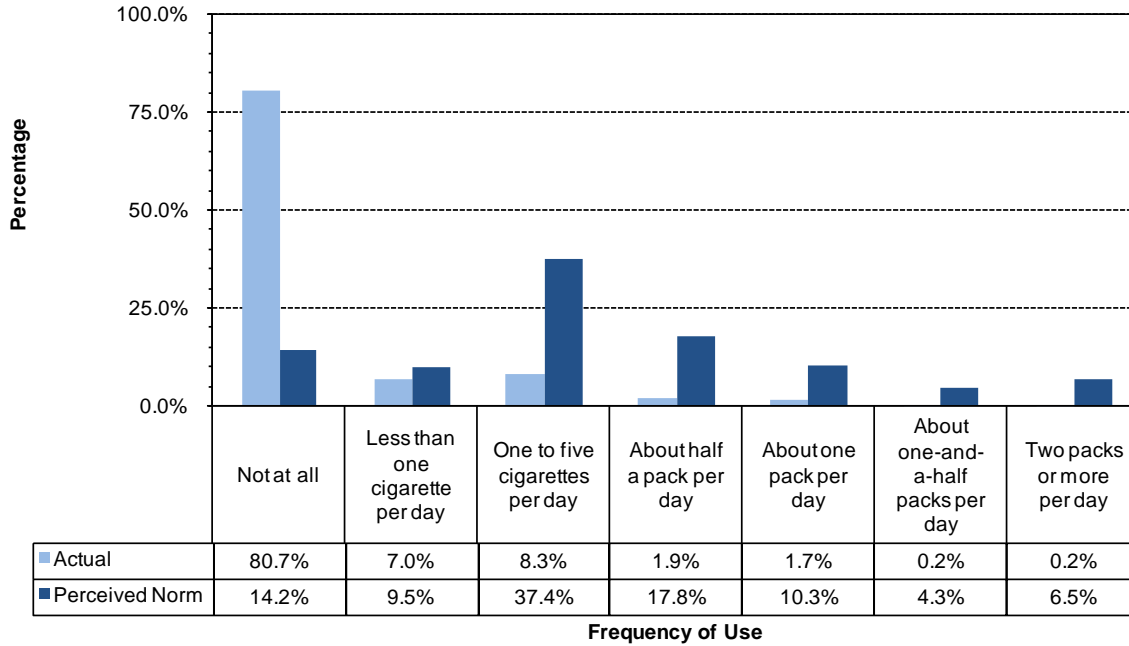
Two Week Binge Drinking



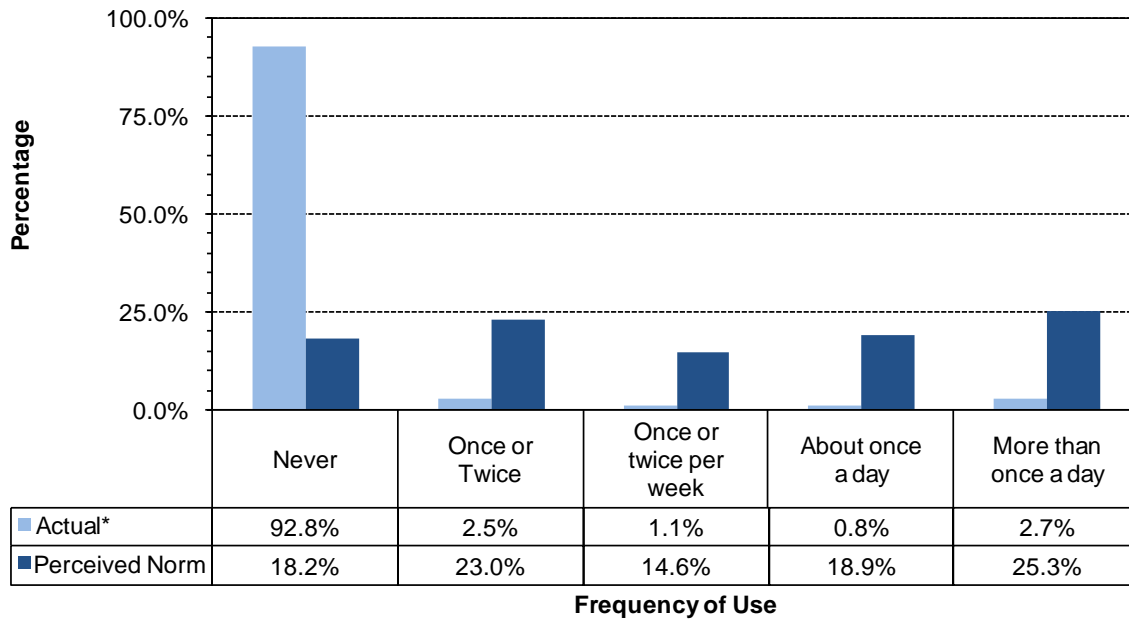
* Values do not sum to 100% due to rounding error

Figure 44. Cigarettes and chewing tobacco, perception of use *by most students* compared to actual use: Natrona County, 10th Grade

30-Day Use of Cigarettes

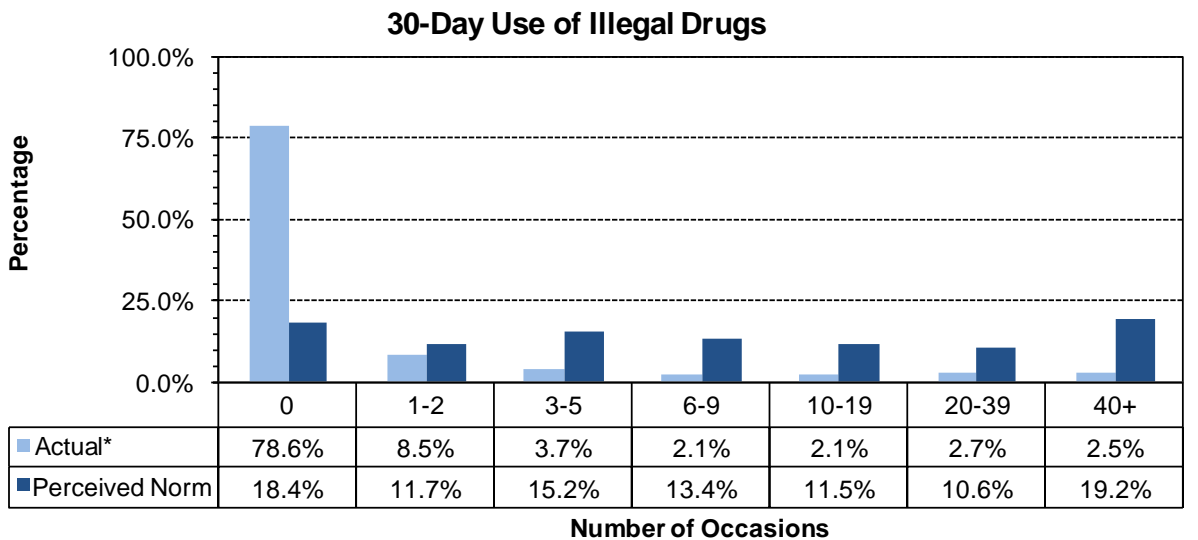
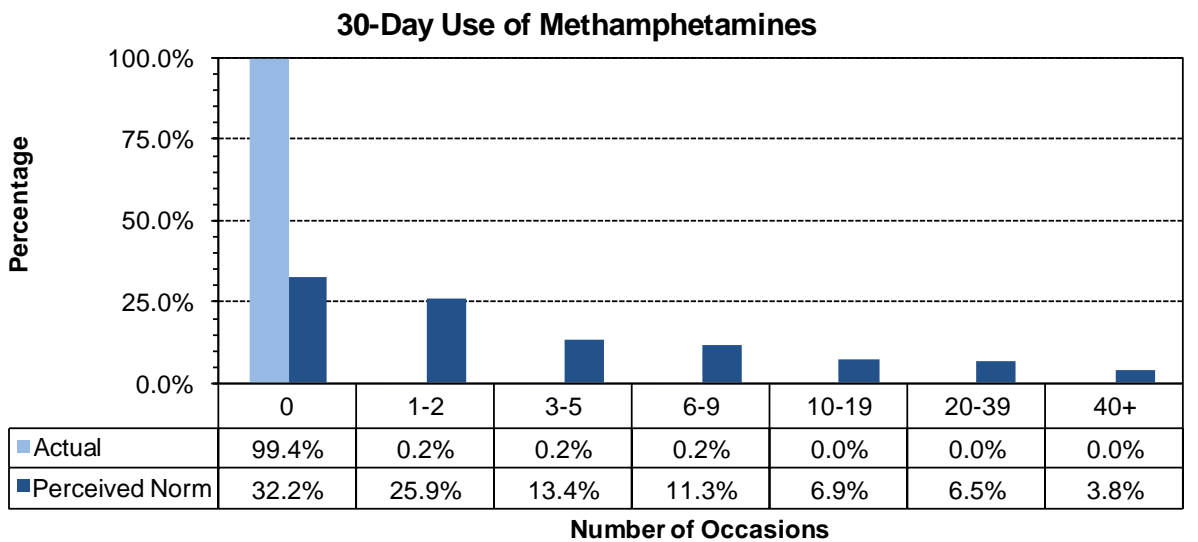
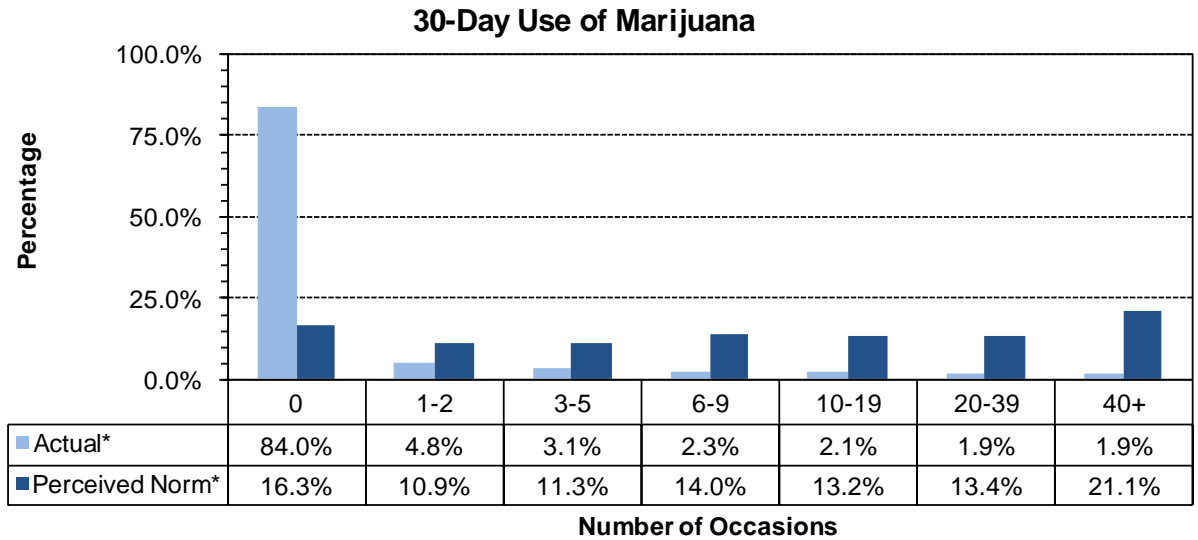


30-Day Use of Chewing Tobacco



* Values do not sum to 100% due to rounding error

Figure 45. Marijuana, methamphetamines and illegal drugs, perception of use *by most students* compared to actual use: Natrona County, 10th graders

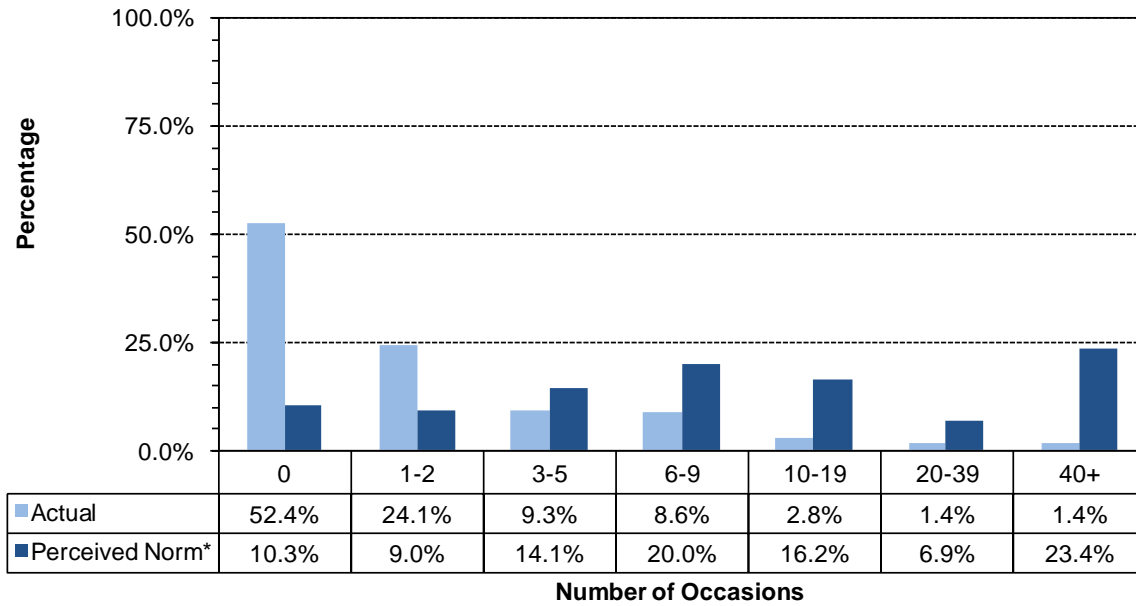


* Values do not sum to 100% due to rounding error

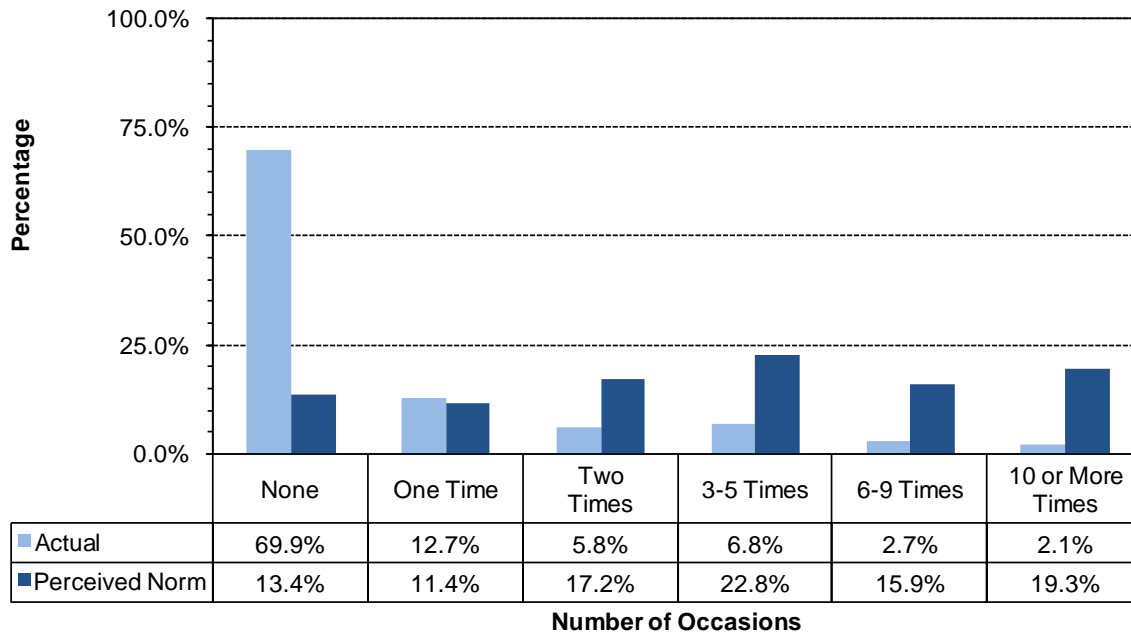
6.4. Social Norms Results for 12th Grade

Figure 46. Alcohol use, and binge drinking perception of use *by most students* compared to actual use: Natrona County, 12th graders

30-Day Use of Alcohol



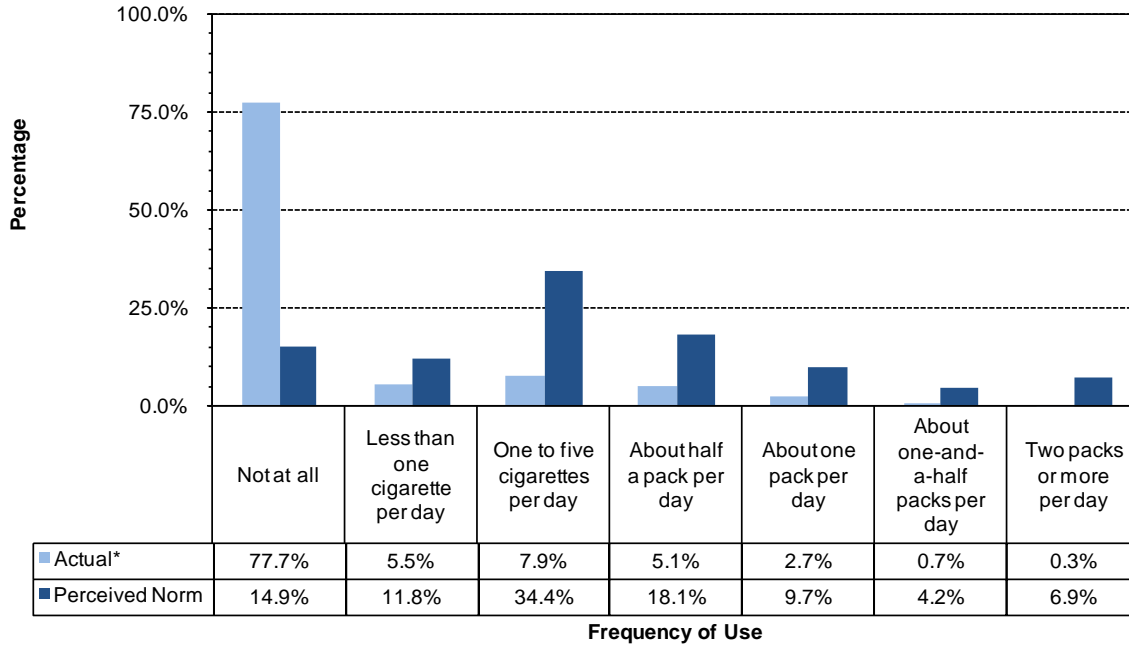
Two Week Binge Drinking



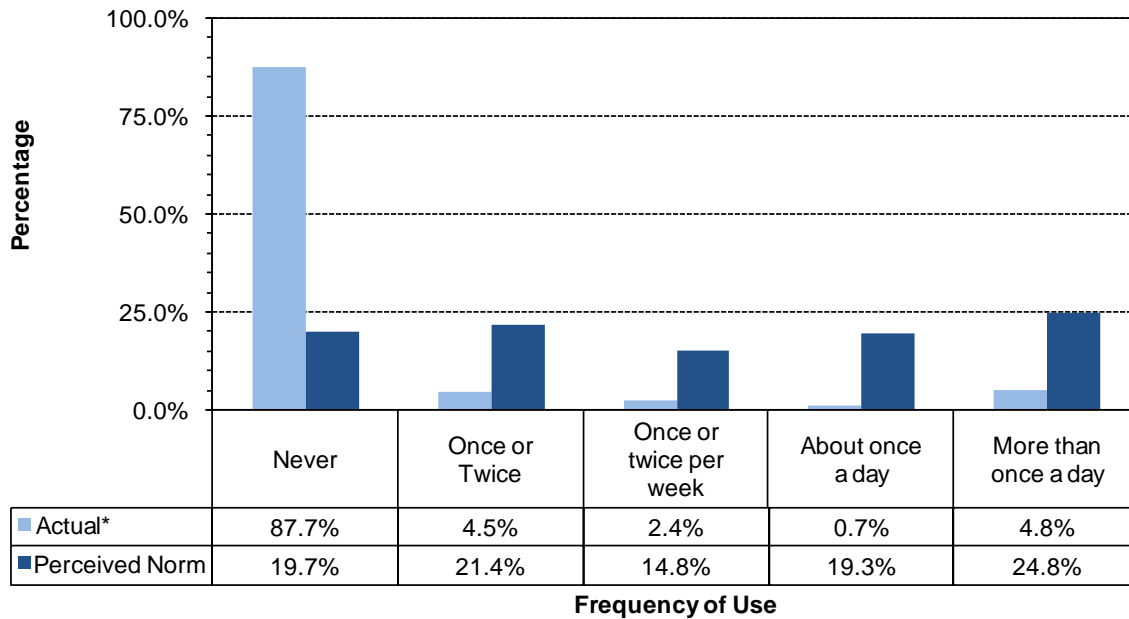
* Values do not sum to 100% due to rounding error

Figure 47. Cigarettes and chewing tobacco, perception of use *by most students* compared to actual use: Natrona County, 12th grade

30-Day Use of Cigarettes

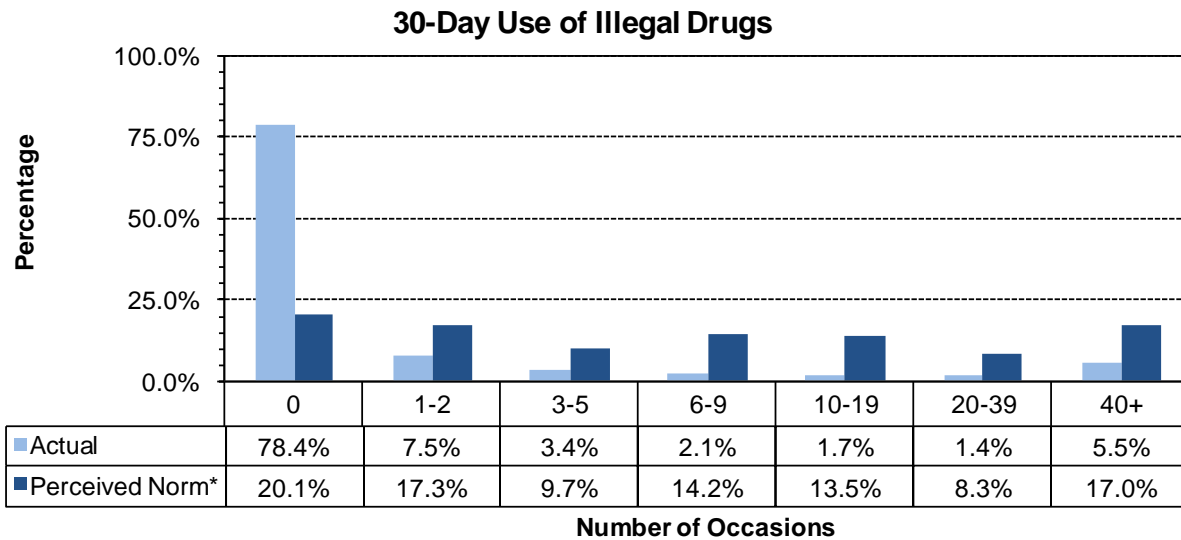
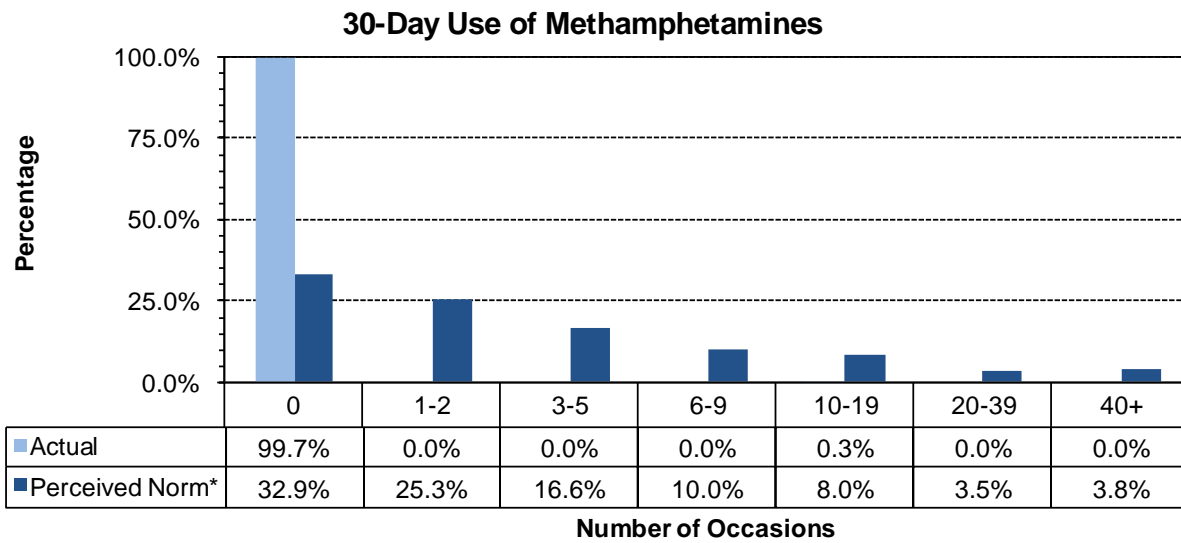
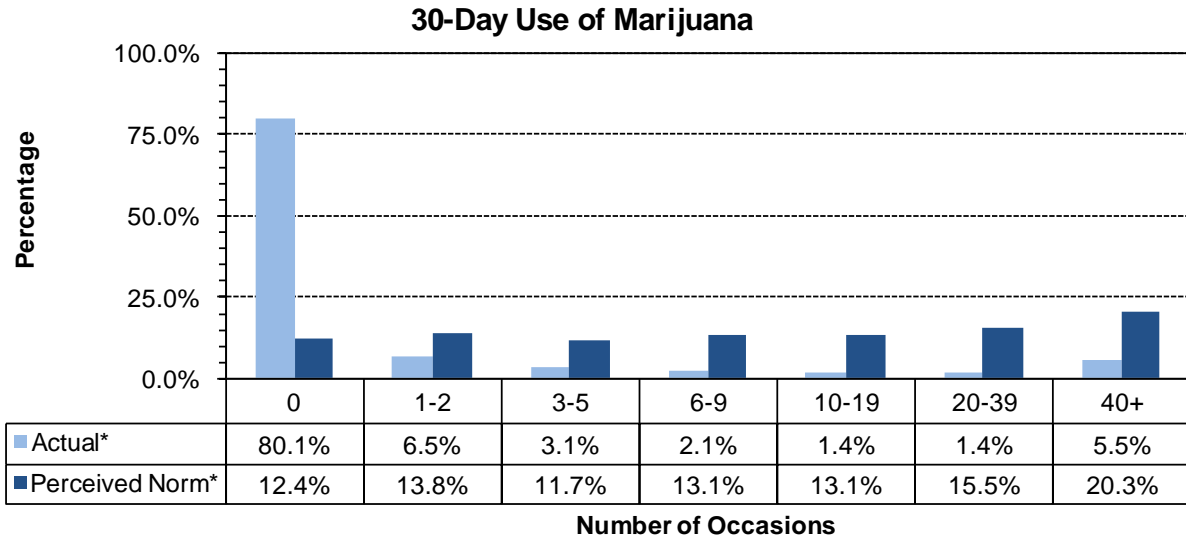


30-Day Use of Chewing Tobacco



* Values do not sum to 100% due to rounding error

Figure 48. Marijuana, methamphetamines and illegal drugs, perception of use *by most students* compared to actual use: Natrona County, 12th Grade



* Values do not sum to 100% due to rounding error