

Variation in Adolescent Substance Abuse Patterns Relative to Adults and Level of Care

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Method

- * Data collected from 8/96 to 12/97
- * Interviews and locator information at intake in person by clinical staff and 90 days after discharge from treatment system via telephone by research staff
 - * Global Appraisal of Individual Needs (GAIN)
A total of treatment units
 - * 297 adolescents from 10 adolescent treatment units
 - * 456 adults from 11 adult treatment units
- * Weighted Post Hoc to reflect state modality distributions

Table. Demographic and Treatment Profile

Variable	Adolescent Level of Care			Weighted Based On State Distributions			
	Outpatient (n=54)	Short Term Resid. (n=119)	Long Term Resid. (n=98)	Adol escents (n=271)	Adults (n=465)	Total (n=736)	
Demographic							
Age							
	<15 years	19%	15%	11%	14%	0%	5%
	15-18 years	82%	85%	89%	86%	2%	33%
	19-29 years					35%	22%
	30+ years					64%	40%
Female		26%	56%	14%	35%	31%	33%
Non-white		24%	29%	35%	30%	88%	67%
Environment							
Single parent family		44%	41%	43%	42%	N/A	16%
Married/Living as married		2%	0%	1%	1%	22%	14%
In school		61%	59%	59%	59%	23%	36%
Current CJ Involvement		74%	65%	83%	73%	37%	50%
Ever Runaway or Homeless		19%	19%	17%	18%	38%	31%
Weekly Alcohol Use in Home		20%	28%	21%	24%	19%	21%
Weekly Drug Use in Home		6%	17%	12%	13%	19%	17%
Been Victimized		65%	78%	67%	72%	78%	76%
Prior SA Treatment Episodes							
	None	59%	25%	22%	31%	20%	24%
	One	24%	29%	36%	31%	31%	31%
	2+ episodes	17%	45%	42%	38%	49%	45%

Variable	Adolescent Level of Care			Weighted Based On State Distributions		
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(Continued)						
Alcohol Severity:						
No use	2%	3%	0%	2%	7%	5%
Use	32%	19%	19%	21%	23%	23%
Abuse	52%	37%	34%	39%	28%	32%
Dependence	0%	5%	7%	5%	4%	4%
Physiological Dependence	15%	37%	40%	34%	39%	37%
Drug Use Severity:						
No use	0%	2%	0%	1%	2%	1%
Use	24%	5%	2%	8%	10%	9%
Abuse	33%	30%	15%	26%	9%	15%
Dependence	4%	8%	7%	7%	4%	5%
Physiological Dependence	39%	55%	76%	59%	76%	70%
Mental Health:¹						
General Mental Distress	28%	49%	49%	45%	51%	49%
PTSD ²	43%	42%	61%	51%	65%	57%
ADHD ²	67%	64%	84%	74%	56%	67%
Conduct Disorder ²	43%	59%	78%	64%	39%	54%
Sexual Risk: (Past 90 Days)						
No Sexual Partners	39%	27%	28%	30%	32%	31%
One Sexual Partner	35%	33%	33%	33%	39%	37%
Multiple Sexual Partners	26%	40%	40%	37%	29%	32%
Had Sex without any type of Protection	41%	46%	48%	46%	46%	46%
Length of Stay:³						
Less than 1 month	5%	27%	37%	27%	35%	29%
1 to 2 months	14%	48%	19%	31%	26%	25%
3+ months	81%	25%	44%	42%	39%	36%
Days of Treatment After System Discharge						
None	71%	58%	49%	56%	61%	59%
1-6	9%	10%	12%	11%	4%	7%
7-12	6%	8%	12%	10%	4%	6%
13-44	6%	15%	15%	14%	15%	15%
45-90	9%	9%	12%	10%	16%	14%

¹ Percents that scored in the Clinical and Acute ranges of the corresponding scales.

² N=211 for adolescents and N=140 for adults, since these scales are missing from the P90s.

³ N=245 for adolescents and N=371 for adults, due to missing discharge dates (clients still in treatment, refused to be in study, etc)

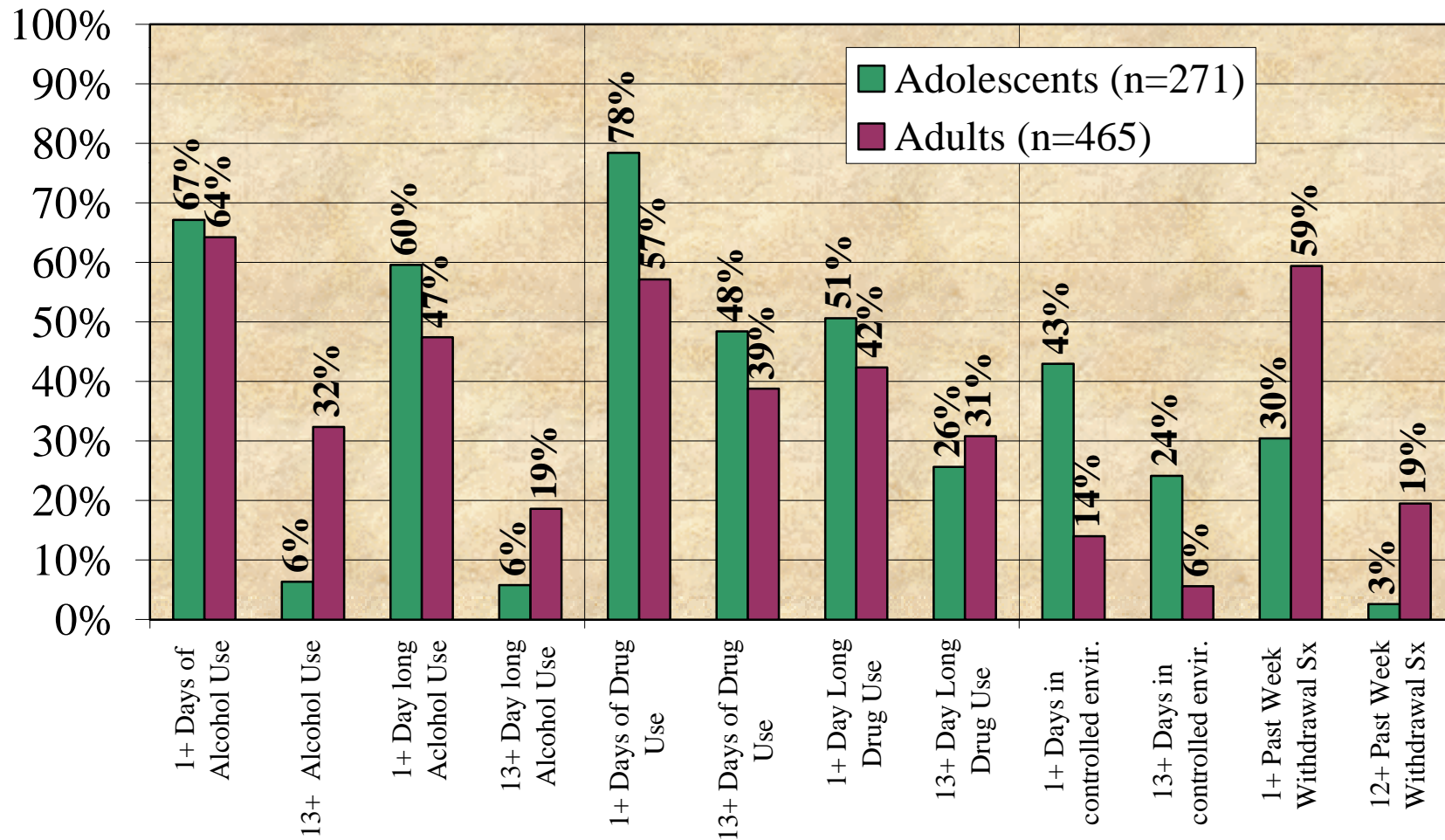
Table. Comparisons of Adolescents By Level of Care & Relative to Adults

Variable	Adolescent Level of Care			Weighted Based On State Distributions		
	Outpatient (n=54)	Short Term Resid. (n=119)	Long Term Resid. (n=98)	Adol escents (n=271)	Adults (n=465)	Total (n=736)
Any Use (1+ of 90 days)						
Any Alcohol Use	59%	68%	60%	67%	64%	65%
Any Drug Use	78%	87%	83%	78%	57%	60%
Any Marijuana Use	70%	83%	80%	71%	39%	44%
Any Crack Use	4%	16%	14%	5%	33%	30%
Any other Cocaine Use	2%	17%	15%	3%	14%	13%
Any Heroin/Opiate Use	4%	18%	10%	5%	20%	18%
Any other drug Use	15%	39%	37%	17%	11%	12%
Weekly Use (13+ of 90 days)						
Weekly Alcohol Use	4%	31%	22%	6%	32%	29%
Weekly Any Drug Use	46%	64%	69%	48%	39%	40%
Weekly Marijuana Use	41%	60%	68%	43%	18%	22%
Weekly Crack Use	0%	6%	9%	1%	21%	18%
Weekly other Cocaine Use	2%	7%	6%	2%	4%	4%
Weekly Heroin/Opiate Use	2%	7%	3%	2%	16%	15%
Weekly Other Drug Use	6%	18%	14%	7%	4%	4%
Heavy/Controlled Use						
1+ Days of Alcohol Use	59%	68%	60%	67%	64%	65%
13+ Alcohol Use	4%	31%	22%	6%	32%	29%
1+ Day long Alcohol Use	59%	68%	60%	60%	47%	49%
13+ Day long Alcohol Use	4%	31%	22%	6%	19%	17%
1+ Days of Drug Use	78%	87%	83%	78%	57%	60%
13+ Days of Drug Use	46%	64%	69%	48%	39%	40%
1+ Day Long Drug Use	48%	75%	72%	51%	42%	43%
13+ Day Long Drug Use	22%	47%	61%	26%	31%	30%
1+ Days in Controlled Envir.	41%	46%	70%	43%	14%	18%
13+ Days in Controlled Envir.	22%	29%	47%	24%	6%	8%
1+ Past Week Withdrawal Sx	28%	58%	53%	30%	59%	56%
12+ Past Week Withdrawal Sx	2%	17%	6%	3%	19%	17%

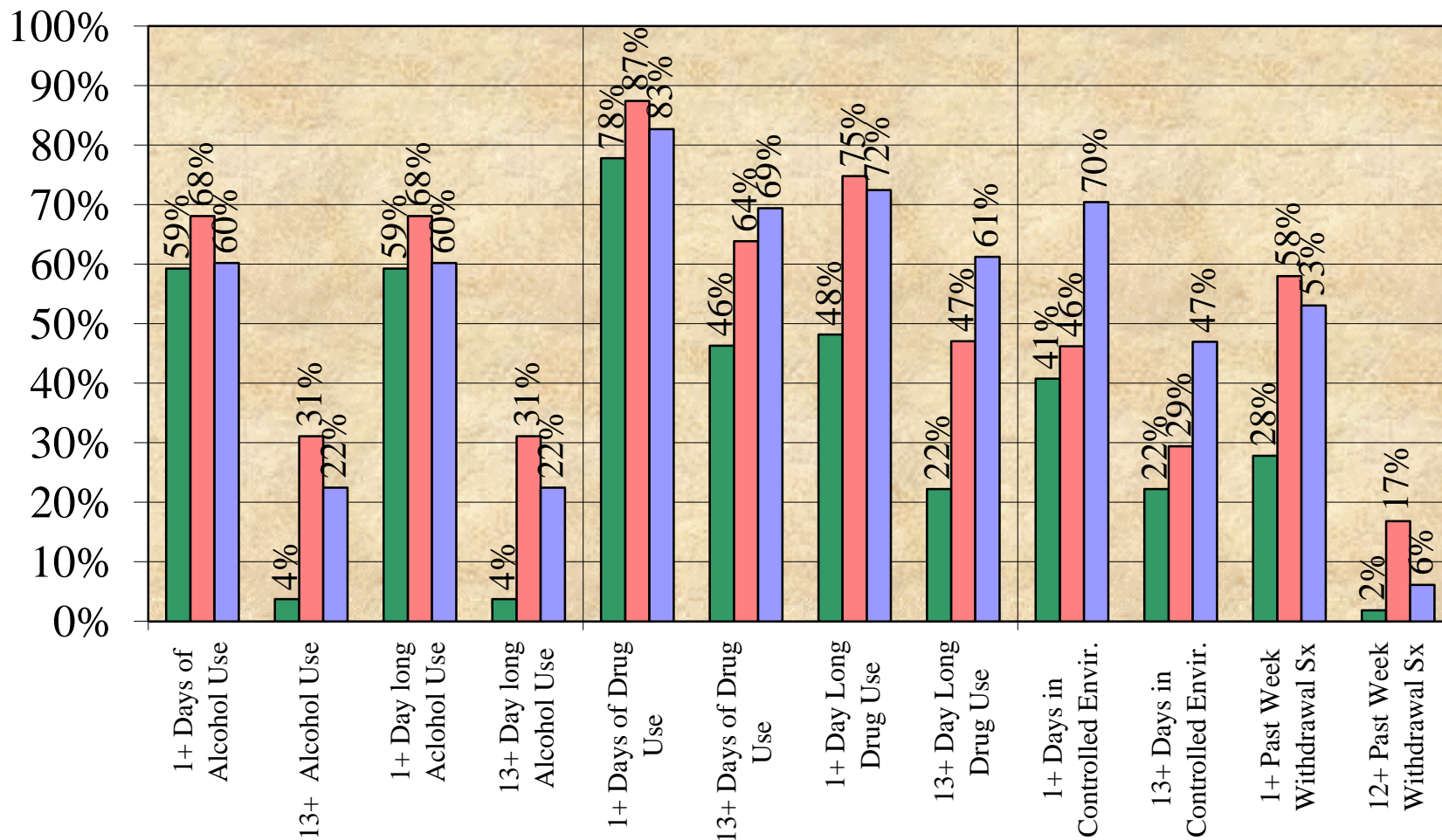
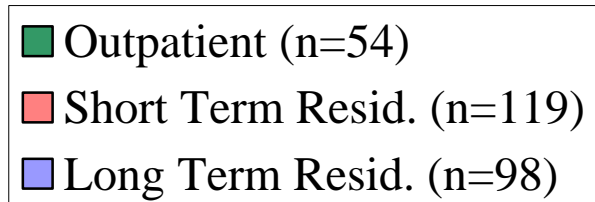
Variable	Adolescent Level of Care			Weighted Based On State Distributions		
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(Continued)						
DSM-IV Symptoms						
h. Kept using even if can't meet responsibilities	56%	71%	83%	58%	59%	59%
j. Used in unsafe situations	39%	55%	68%	41%	54%	52%
k. Use caused problems with law	37%	64%	79%	41%	38%	39%
m. Kept using even if getting in fights/legal trouble	57%	71%	85%	60%	61%	61%
1+ abuse symptoms	78%	91%	98%	80%	80%	80%
n. Needed more to get high/as high	52%	63%	79%	54%	58%	58%
p. Had withdrawal symptoms	19%	36%	45%	21%	40%	38%
q. Used longer/more often than intended	57%	66%	74%	59%	62%	61%
r. Been unable to cut down/stop	30%	61%	72%	33%	63%	59%
s. Spent lots of time to get, use or feeling effects	43%	60%	63%	45%	54%	53%
t. Caused to reduce/give up activities	33%	57%	74%	37%	51%	49%
u. Kept using even if caused med/psych/emot problems	30%	54%	64%	33%	60%	56%
1+ dependence symptoms	74%	88%	98%	76%	82%	81%
Diagnostic Level						
Use (no self-reported Sx)	17%	4%	0%	15%	11%	12%
Abuse (1+ a-h, no dependence)	39%	30%	13%	37%	22%	24%
Dependence (3+ n-u, no P.D.)	4%	7%	7%	4%	8%	8%
Physiological dependence (3+ n-u & either n or p)	41%	59%	80%	44%	59%	57%
Perceived Alcohol & Drug Problems	33%	71%	80%	38%	70%	66%

Source: Drug Outcome Monitoring Study

Substance Use Pattern in the 90 Days Prior to Intake by Age

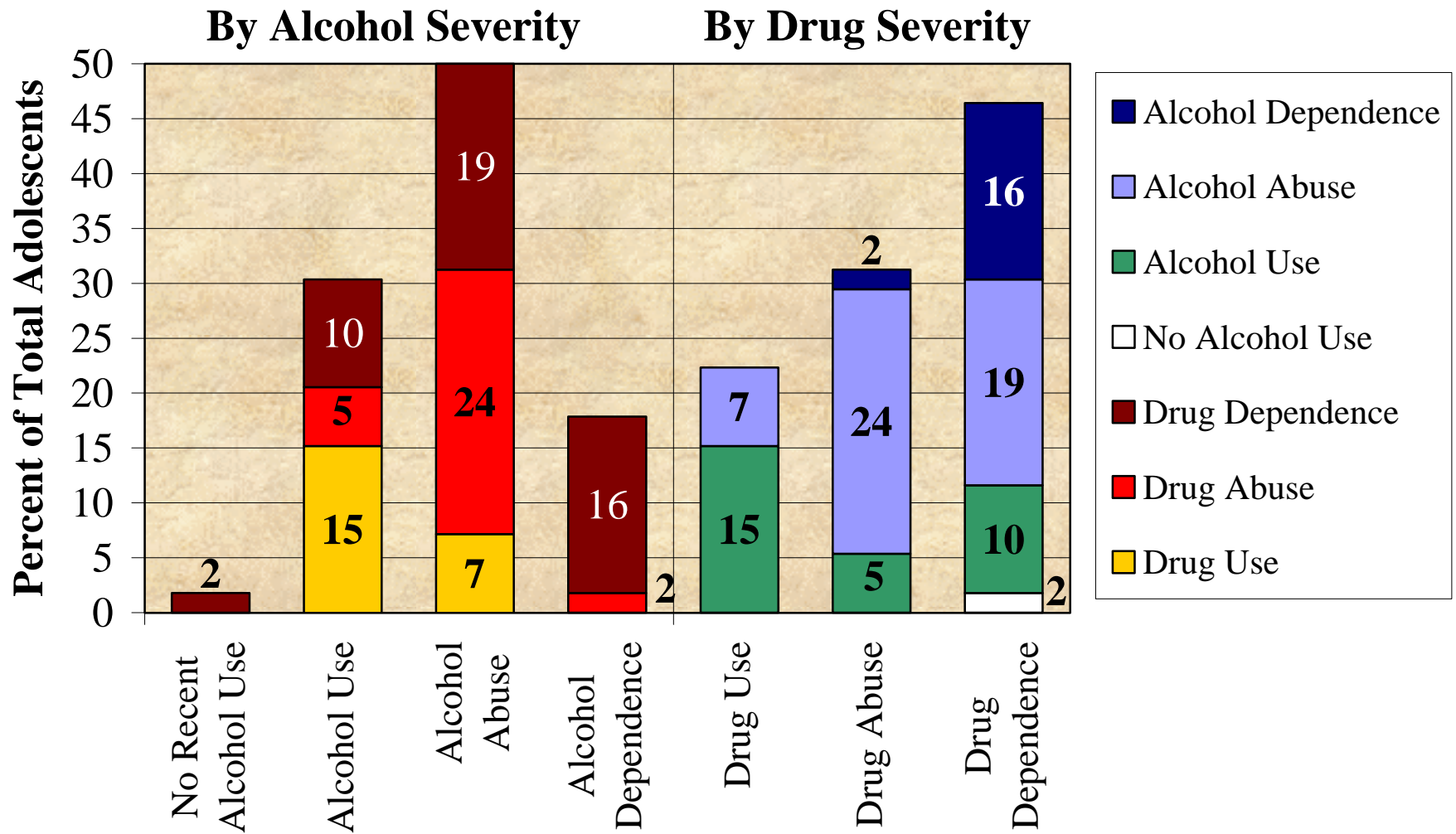


Substance Use Pattern in the 90 Days Prior to Intake by Age

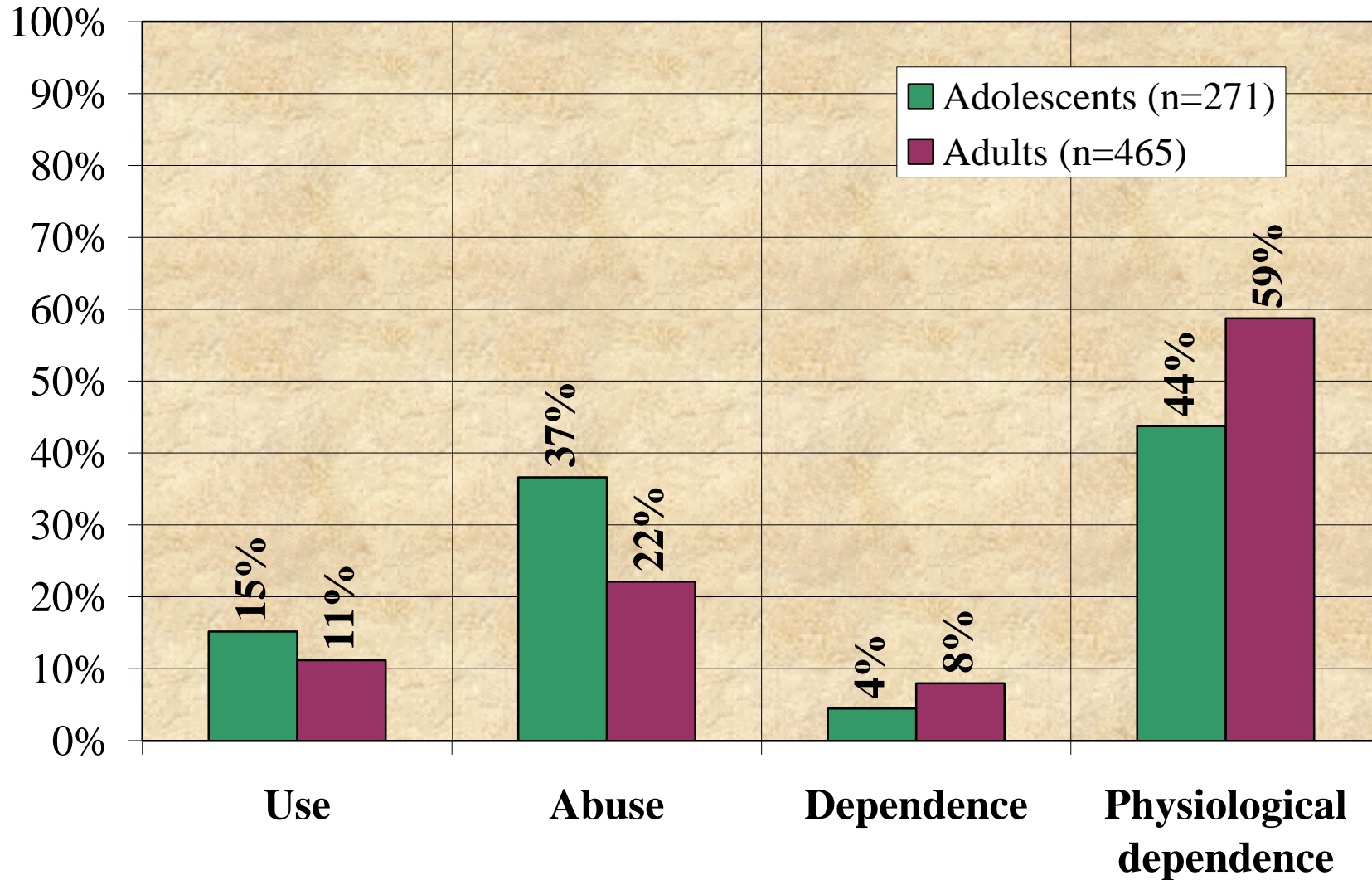


Comorbidity in a Clinical Sample of Adolescents

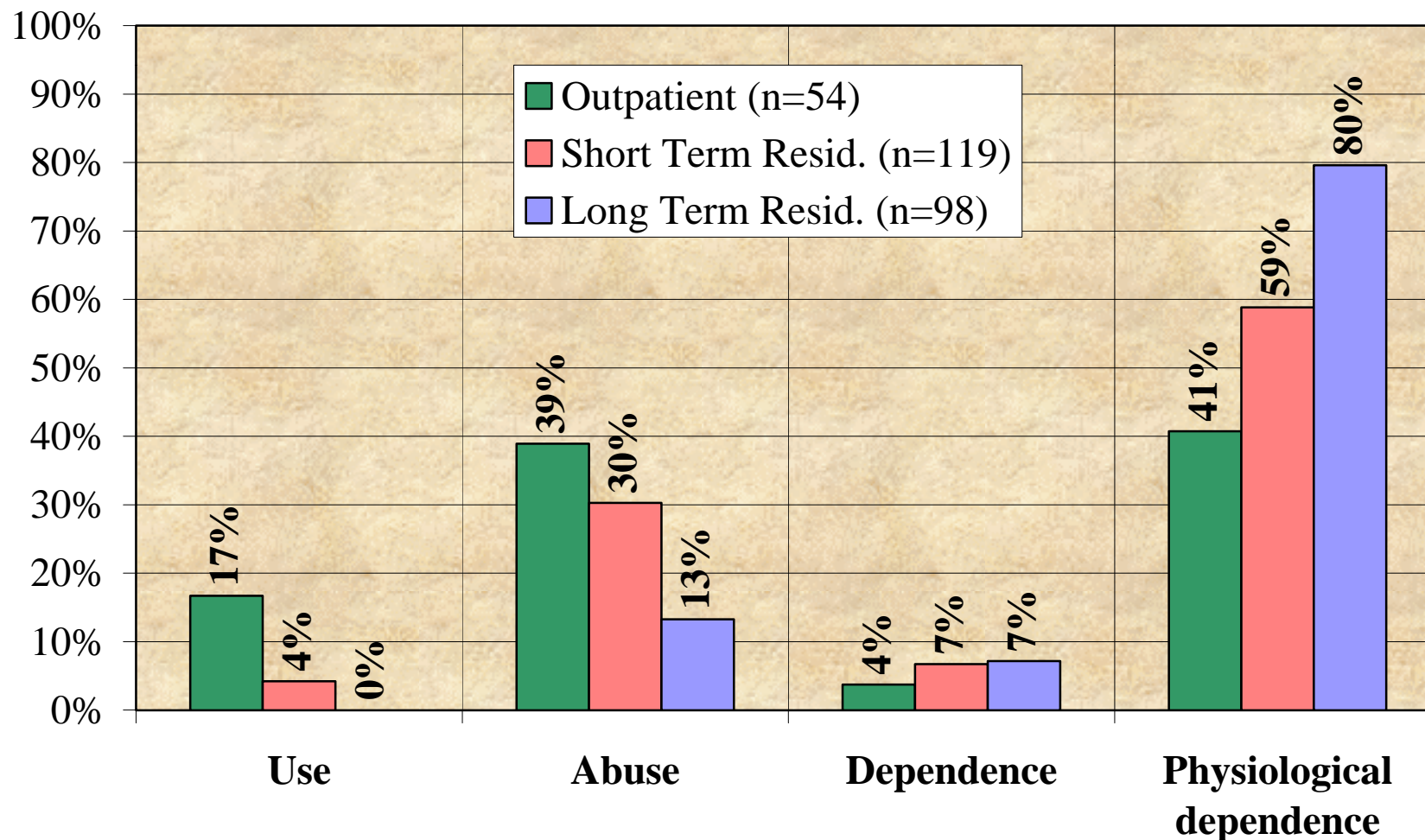
(Total n=271)



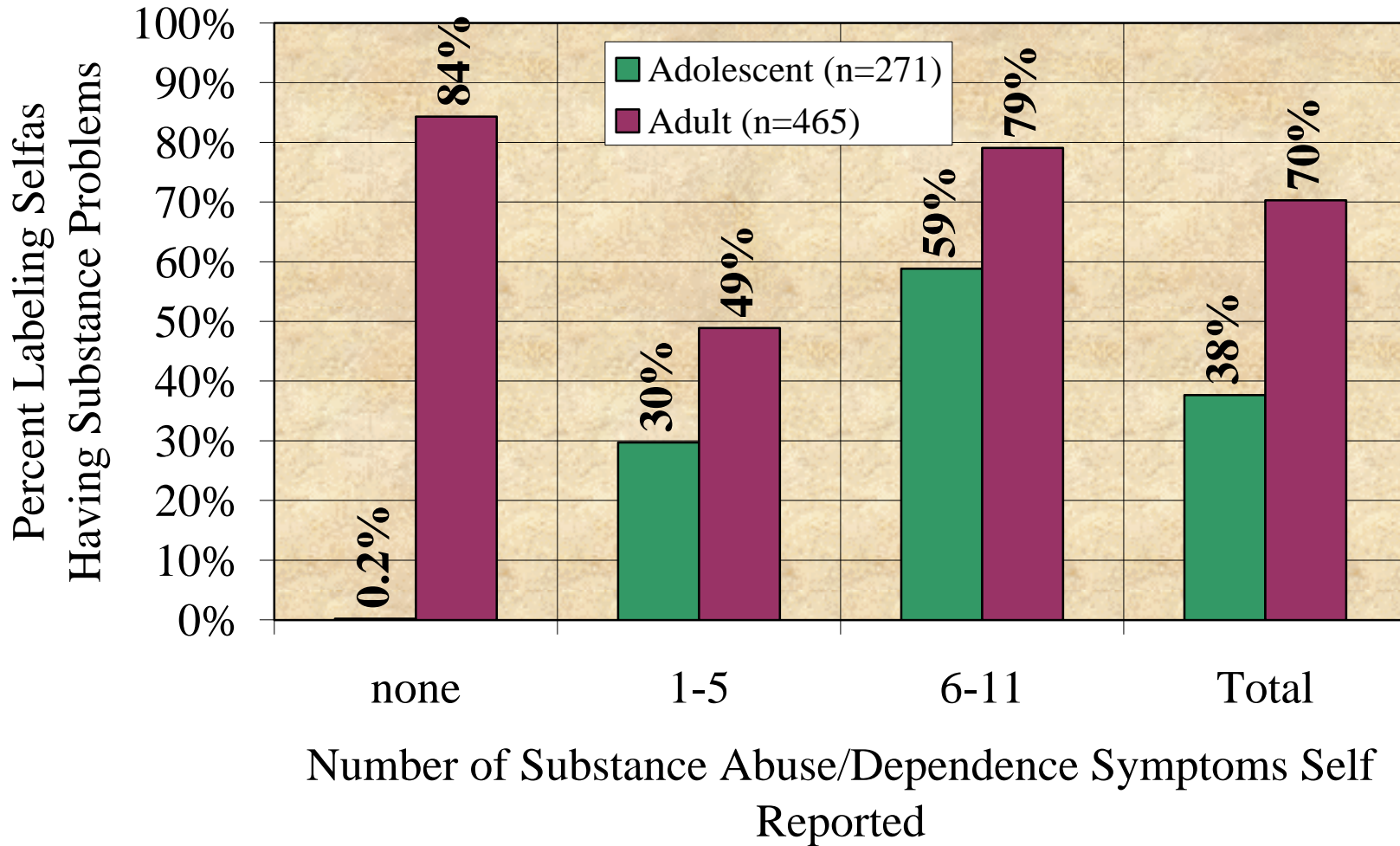
Diagnostic Level at Intake by Age



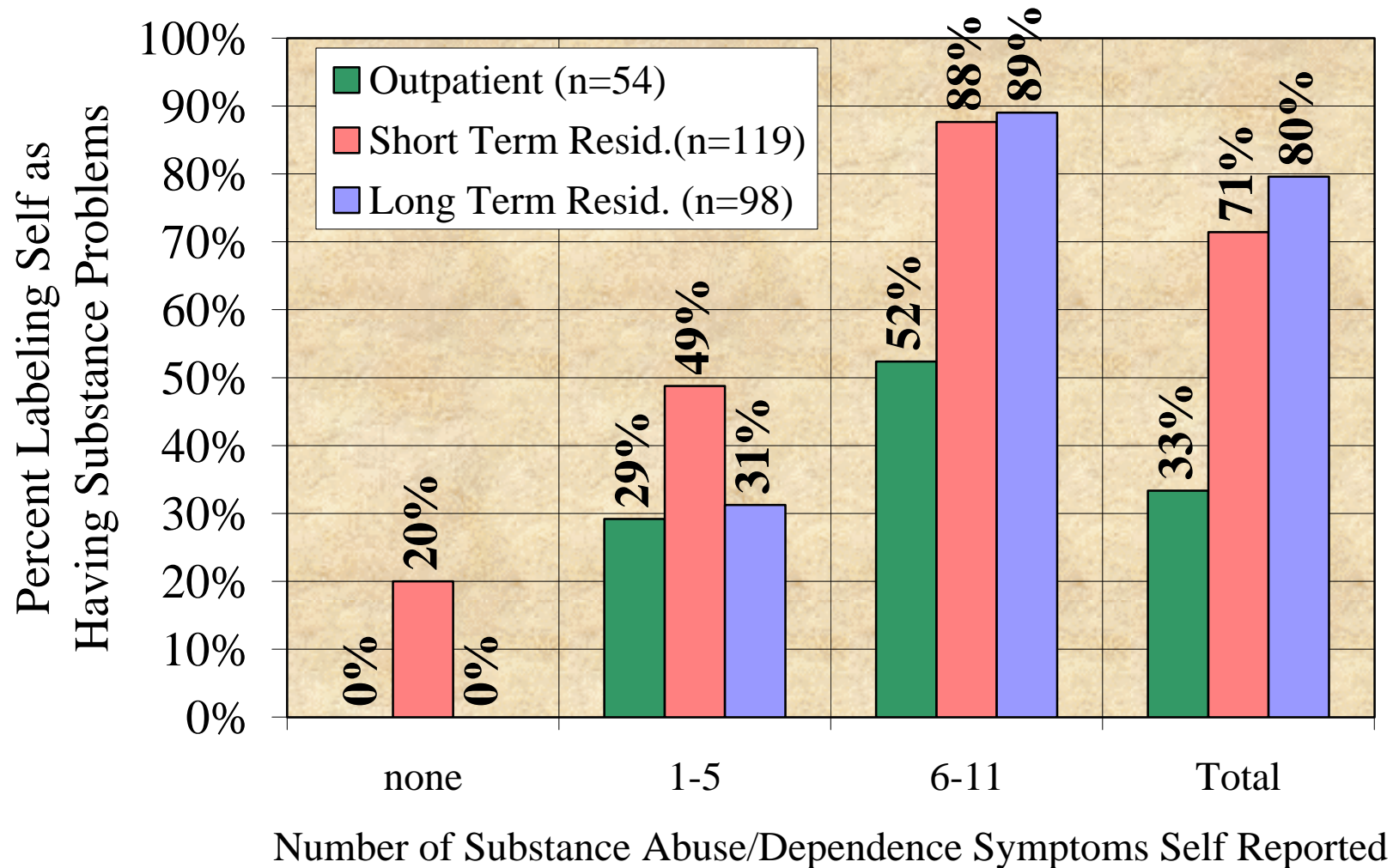
Diagnostic Level at Intake by Adolescent Level of Care



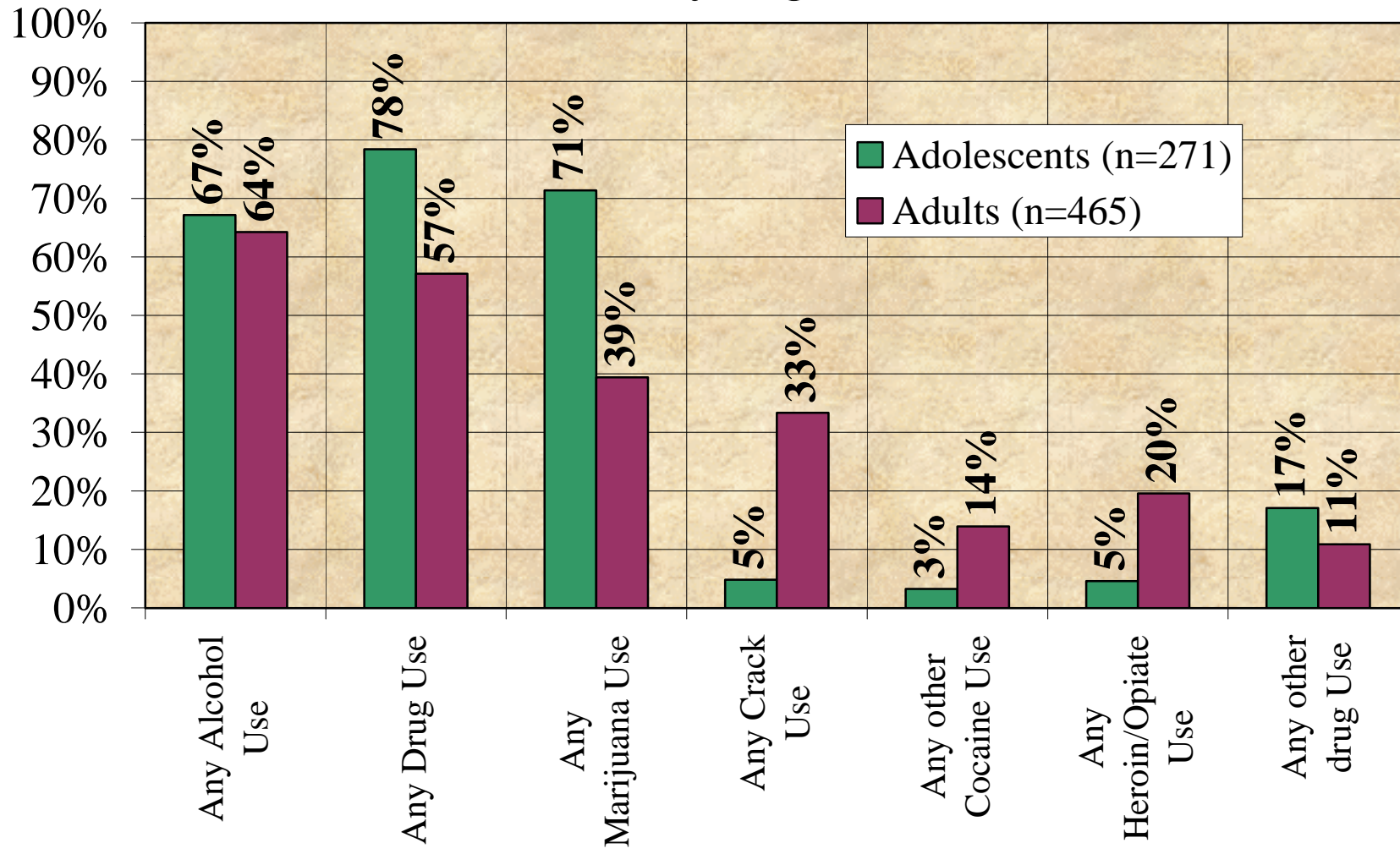
Preception of Substance Problems by Symptom Severity and Age



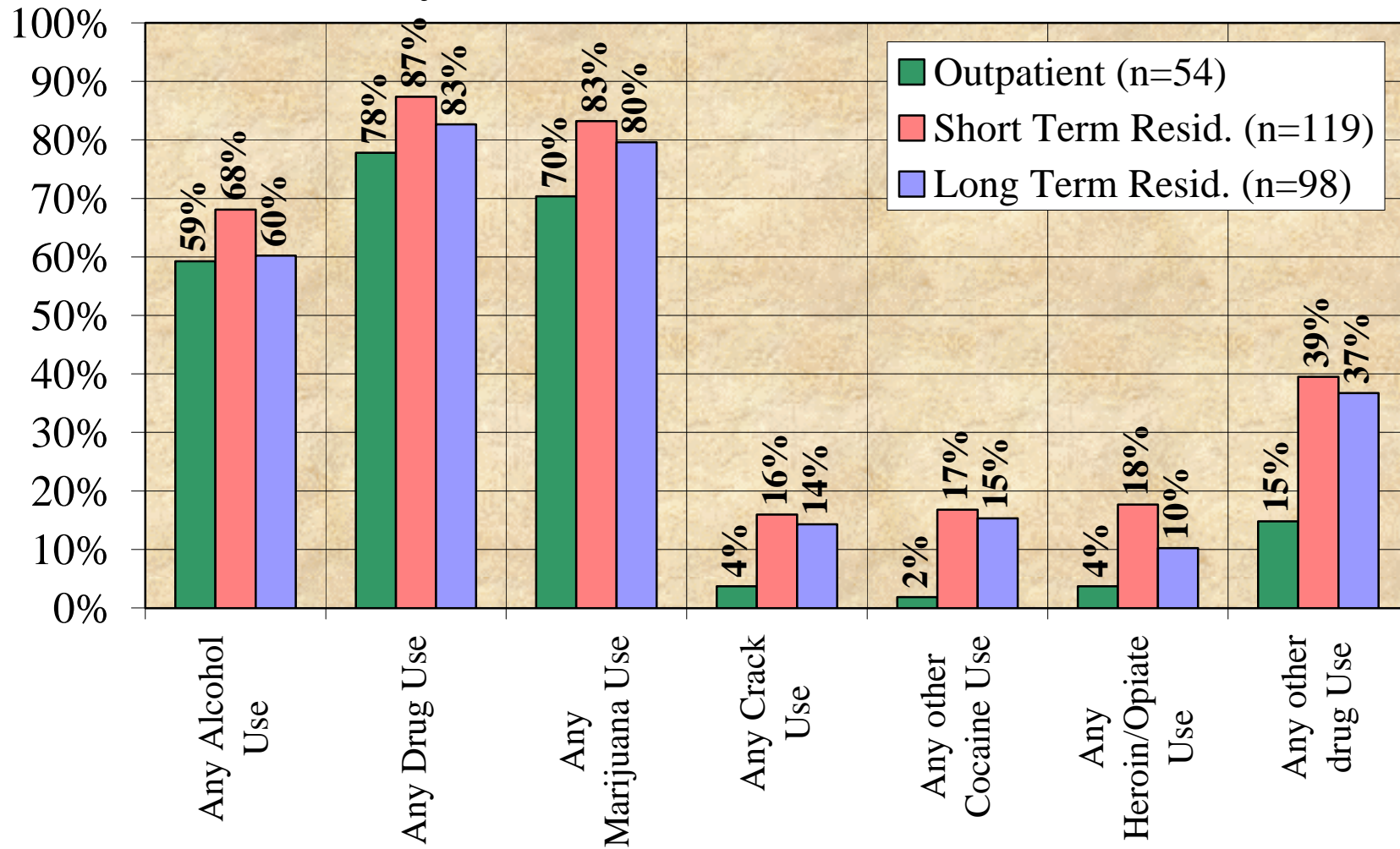
Preception of Substance Problems by Symptom Severity and Adolescent Level of Care



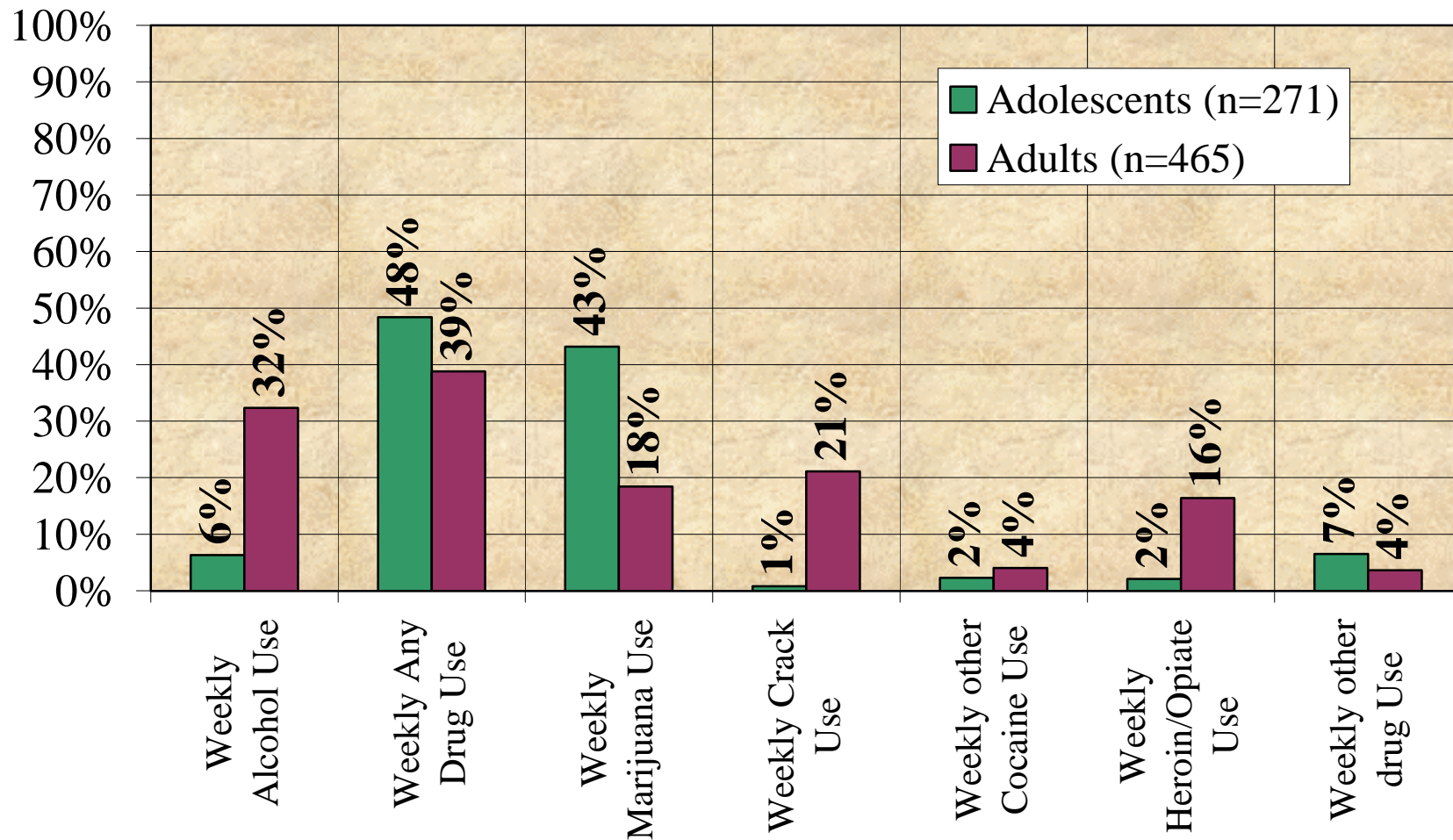
Substances Used in the 90 Days Prior to Intake by Age



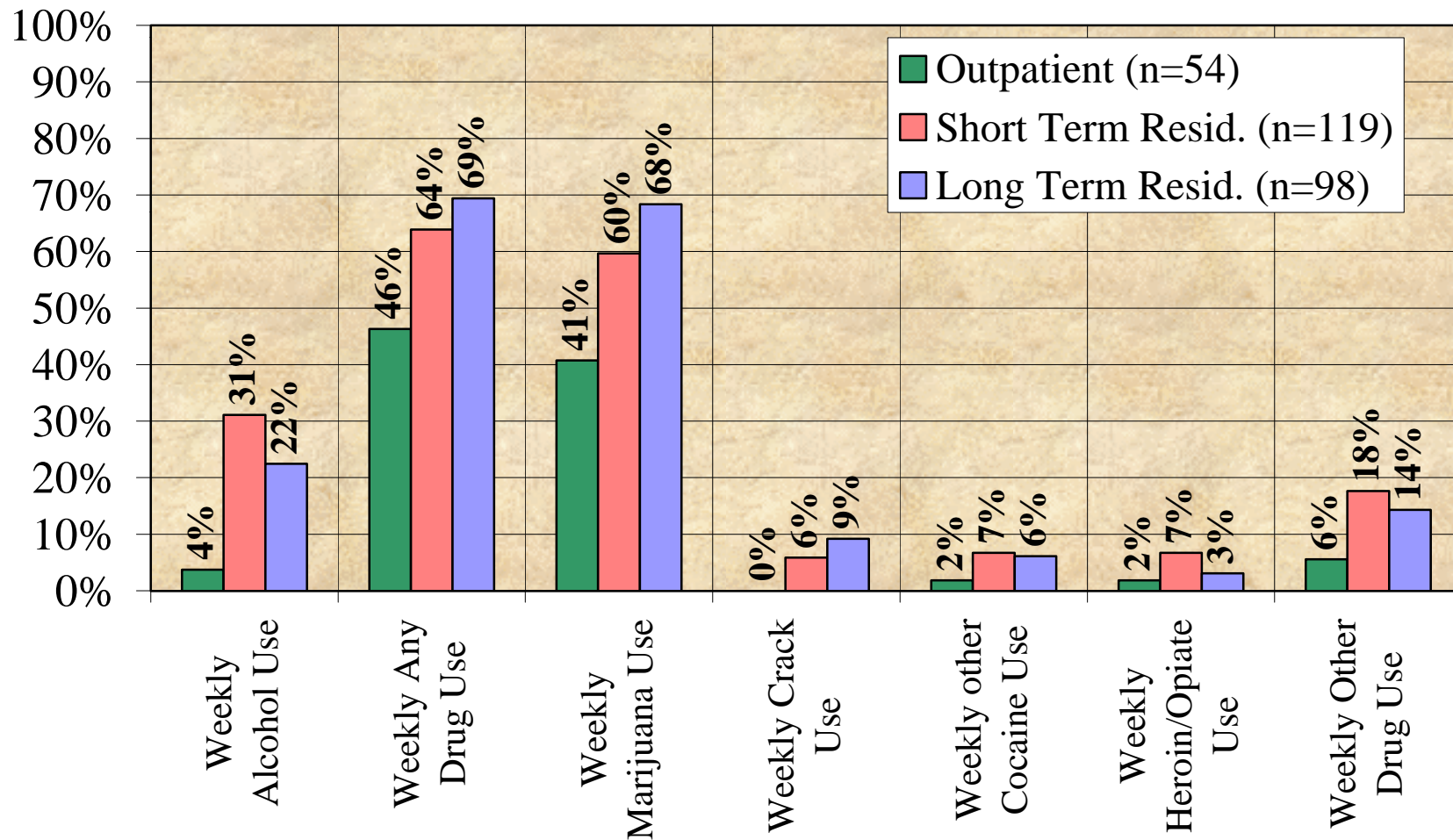
Substances Used in the 90 Days Prior to Intake by Adolescent Level of Care



Substances Used "Weekly" in the 90 Days Prior to Intake by Age



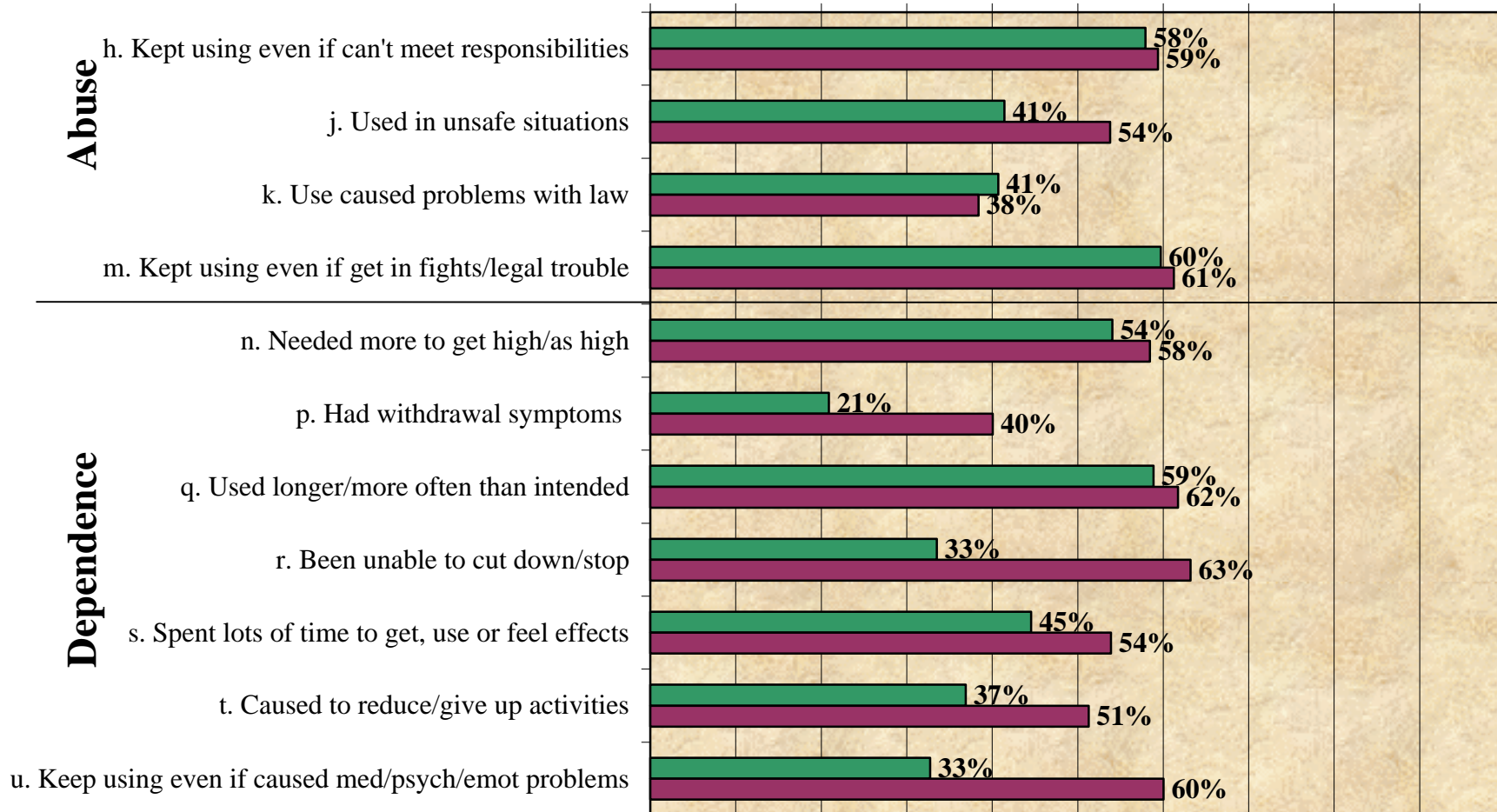
Substances Used "Weekly" in the 90 Days Prior to Intake by Adolescent Level of Care



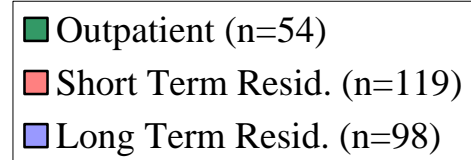
Self-Reported DSM-IV Symptoms in the Year Prior to Intake by Age

■ Adolescents (n=271)
■ Adults (n=465)

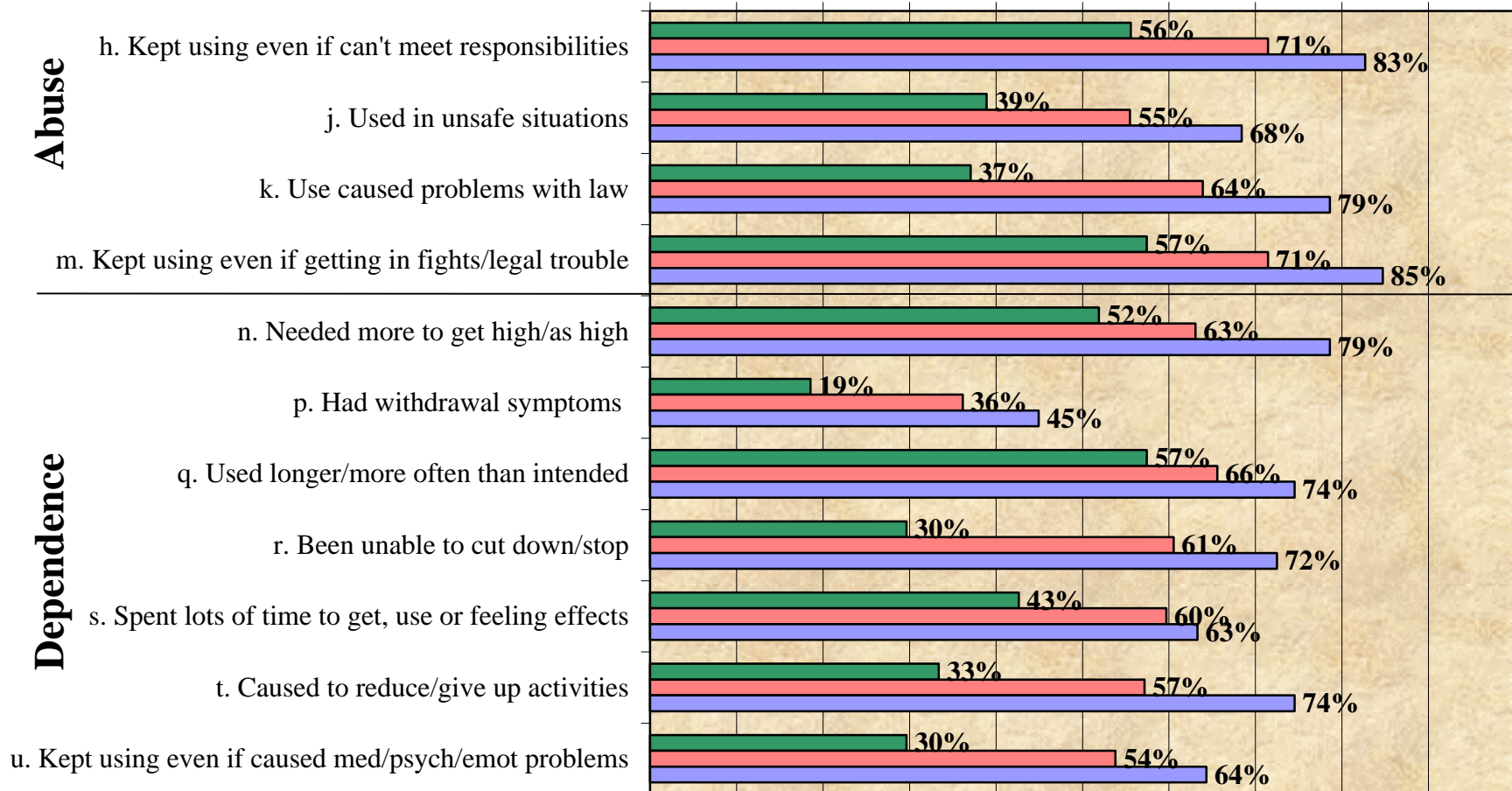
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%



Self-Reported DSM-IV Symptoms in the Year Prior to Intake by Age



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%



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