



Drugs & Alcohol Youth/TAY

408-272-6518

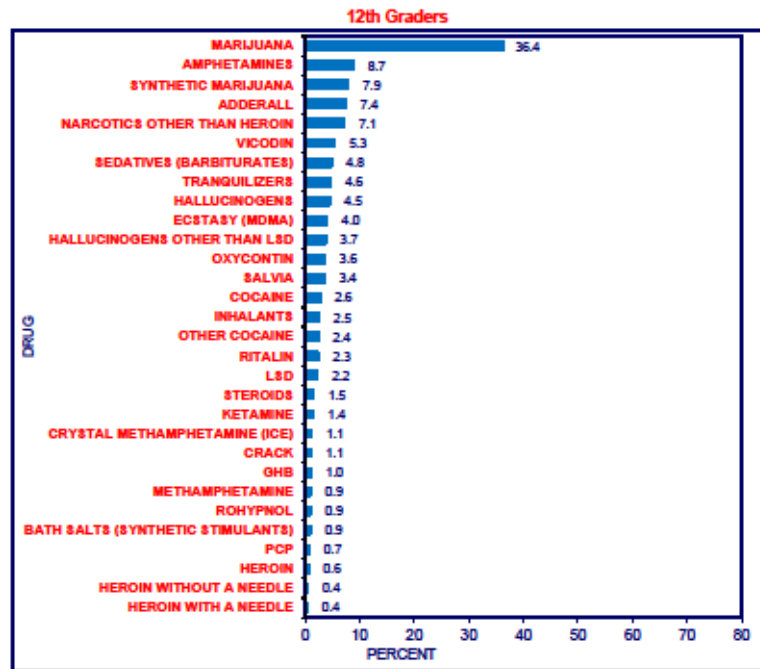
**Santa Clara Valley Health & Hospital
Department of Drug & Alcohol**

Teen Drug Use



Drug Use in 12th Graders

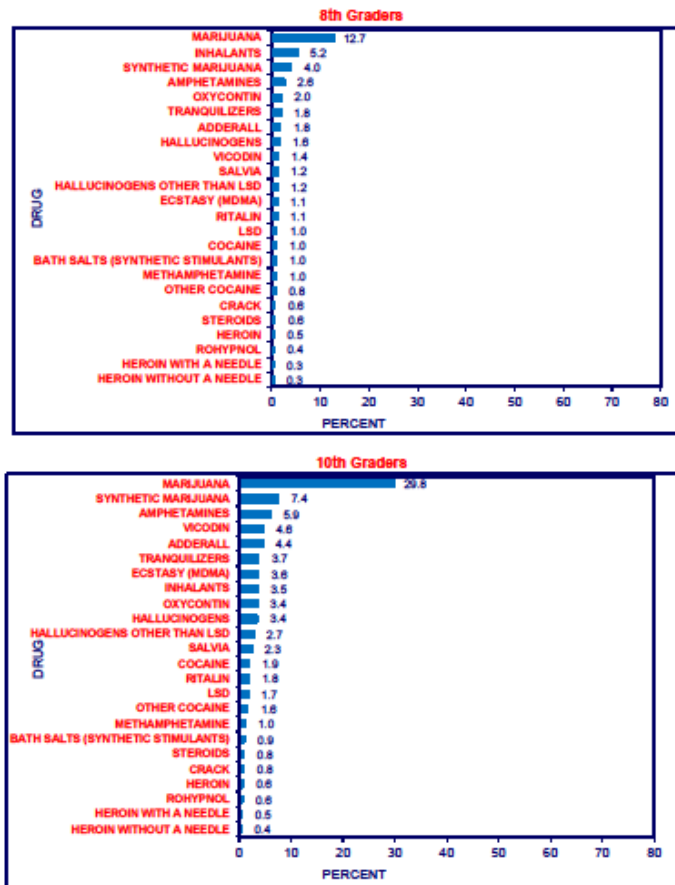
FIGURE 12
Annual Prevalence of Use for Various Illicit Drugs
Grade 12
2013



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

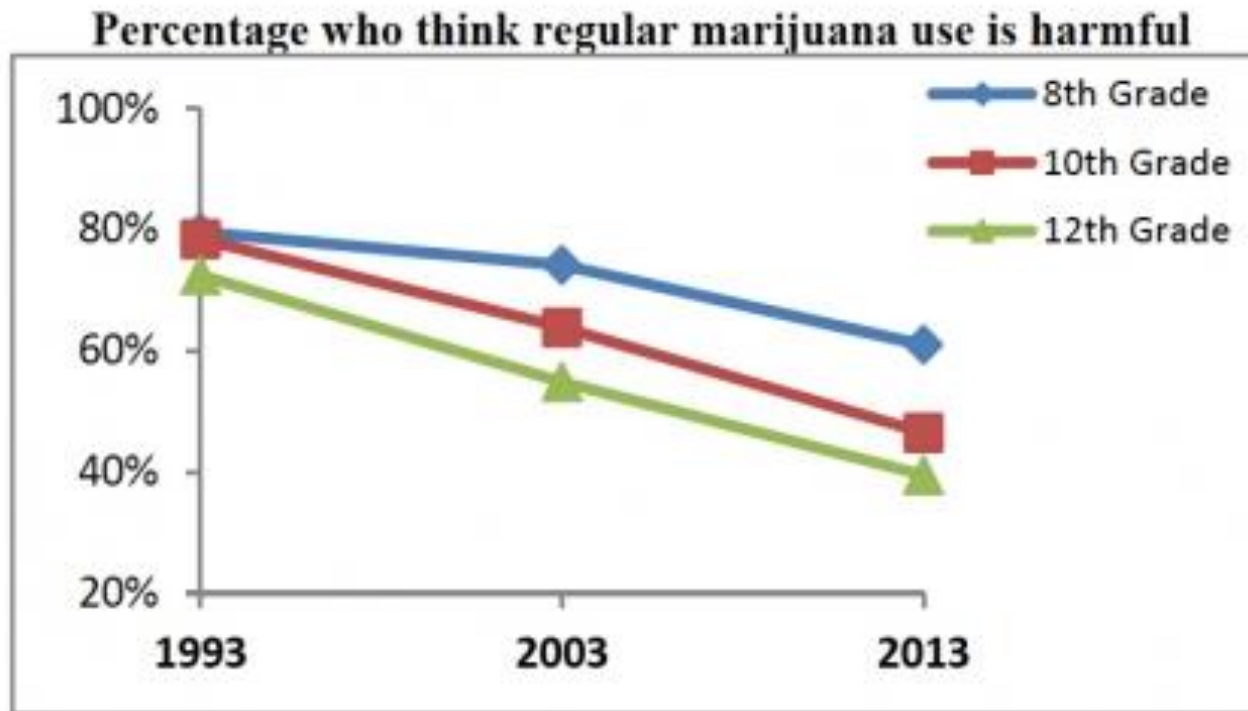
Drug Use in 8th & 10th Graders

FIGURE 13
Annual Prevalence of Use for Various Illicit Drugs
Grades 8 and 10
2013



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

Teen Attitudes Toward Marijuana



Local Santa Clara County Data

- 36% of SCC 11th graders have used Marijuana
- 20% of SCC 11th graders binge drank 5 or more drinks in the last 30 days
- 52% of SCC 11th graders **don't** perceive frequent marijuana use as harmful



Local Santa Clara County Data

- 27% of suspensions related to drug incidents for three county high school districts
- 2974 SCC youth arrested for drunkenness
- 899 SCC youth arrested for Driving Under the Influence
- Out of 902 Youth System of Care clients:
 - 82% DOC = Marijuana
 - 18% DOC = Alcohol



Adolescent Drug Use

- Polysubstance Pattern of Use
- Minor Consent
- Mandated Treatment



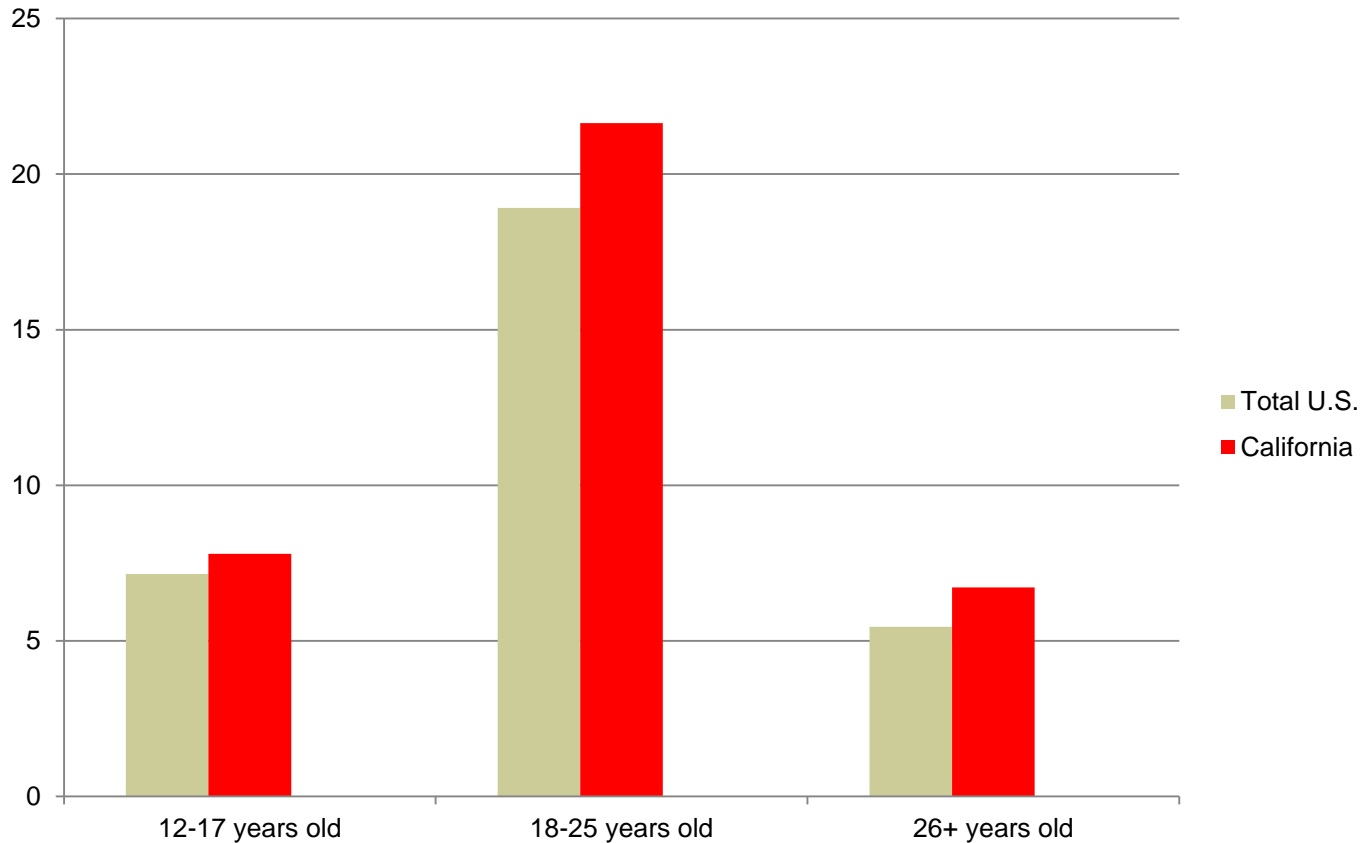
TAY Drug Use

- Transition Cliff
- At Risk Age Group



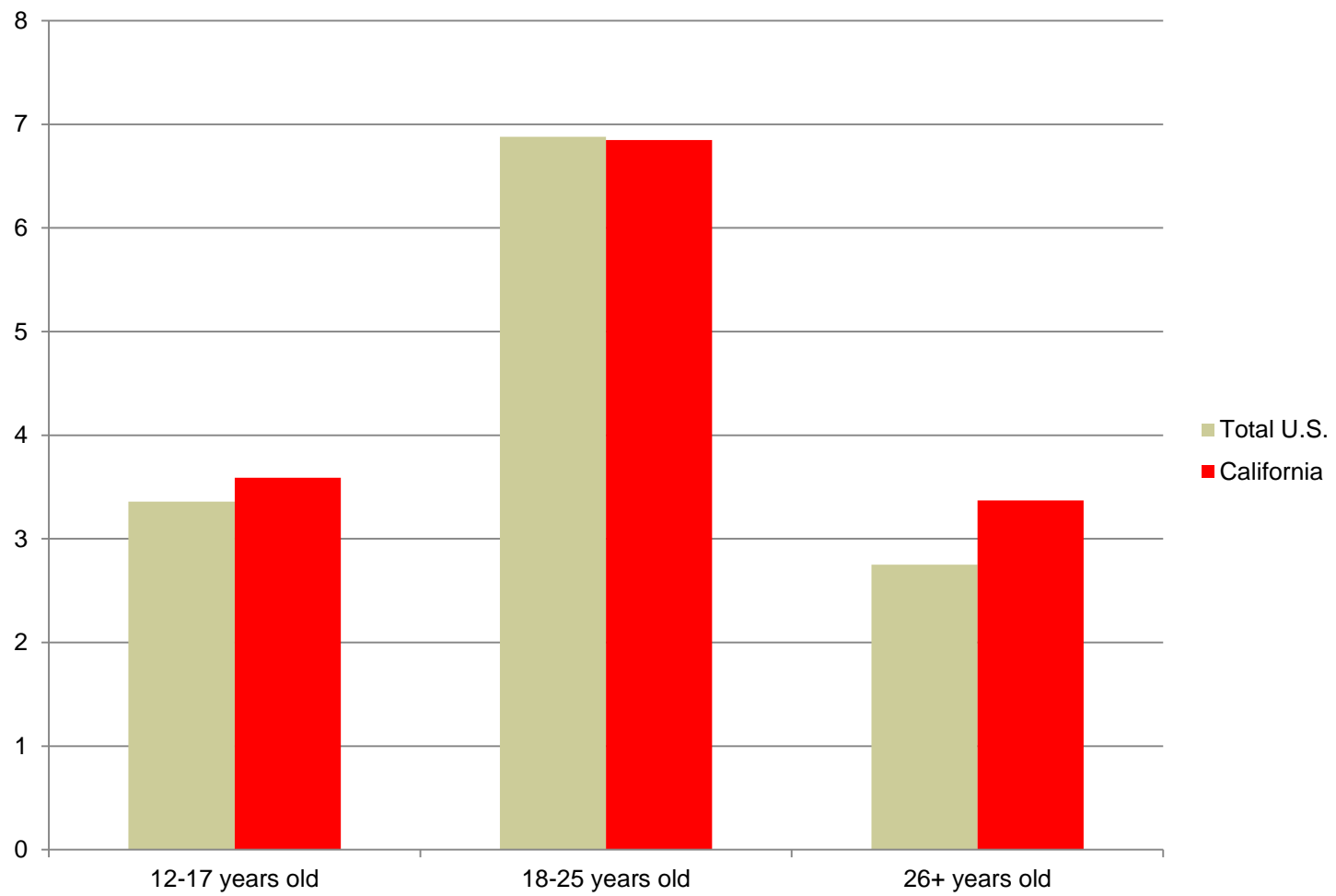
National Survey on Drug Use 2013

Marijuana Use in the Past Month



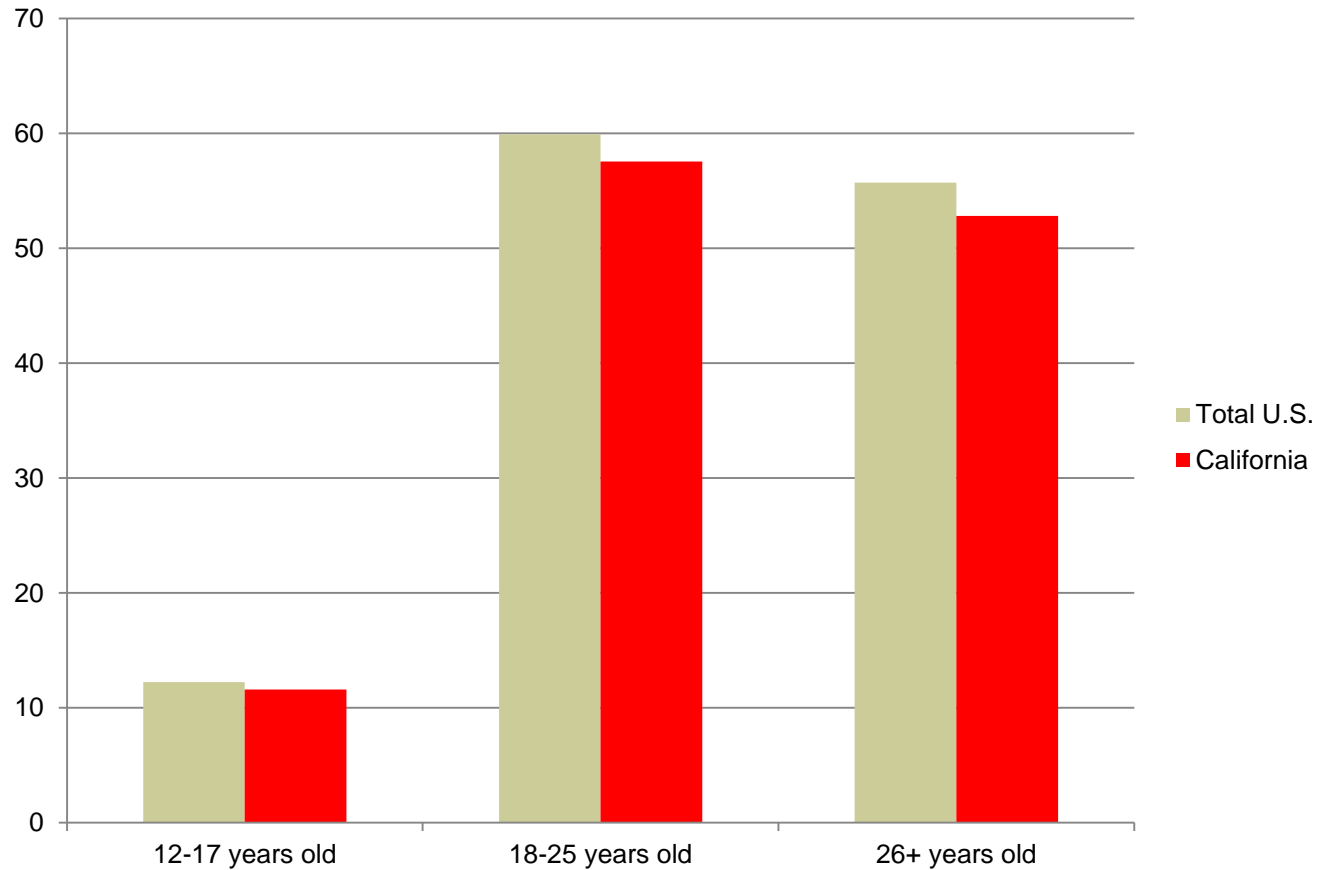
National Survey on Drug Use 2013

Illicit Drug Use Other Than MJ in the Past Month



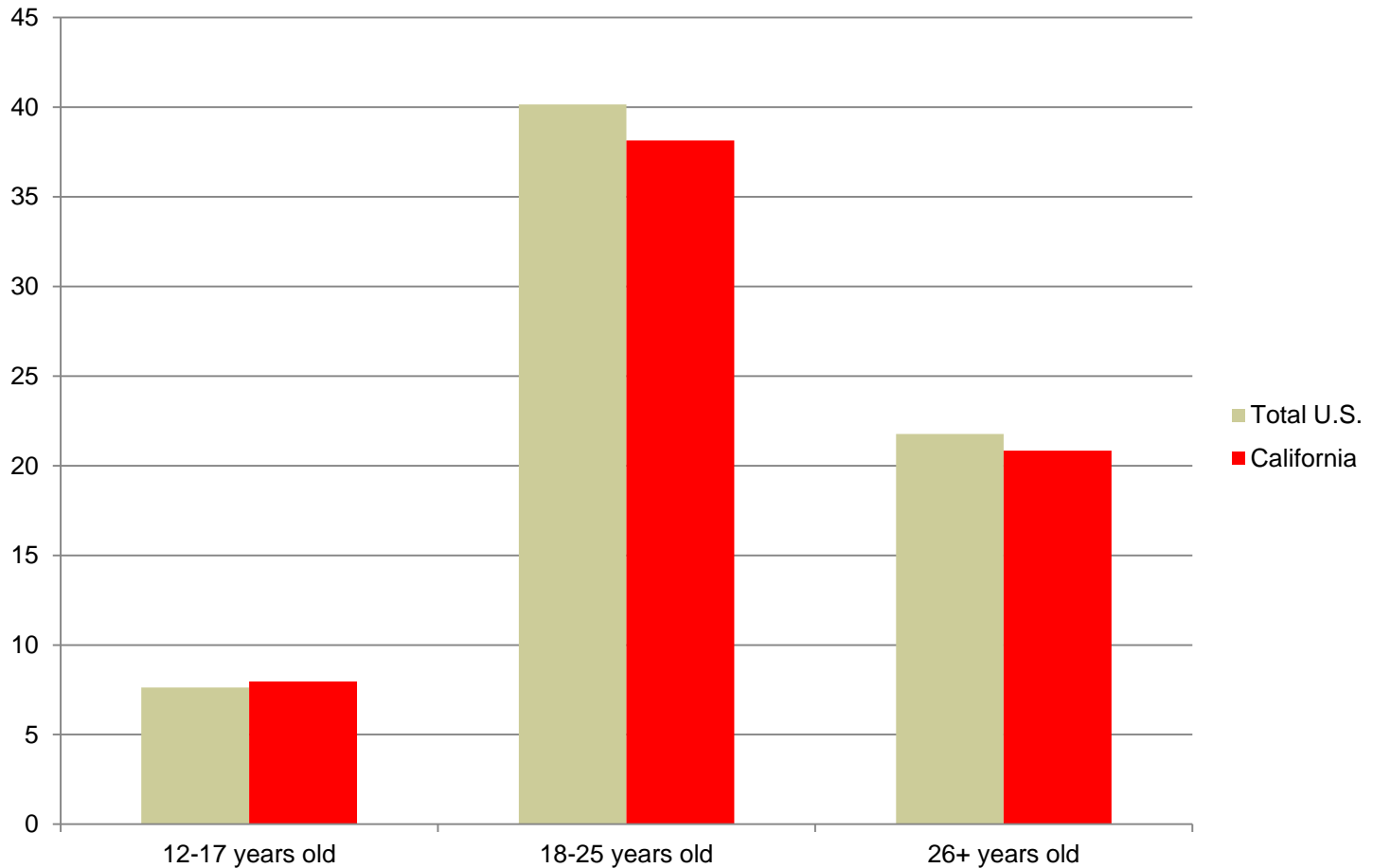
National Survey on Drug Use 2013

Alcohol Use in the Past Month



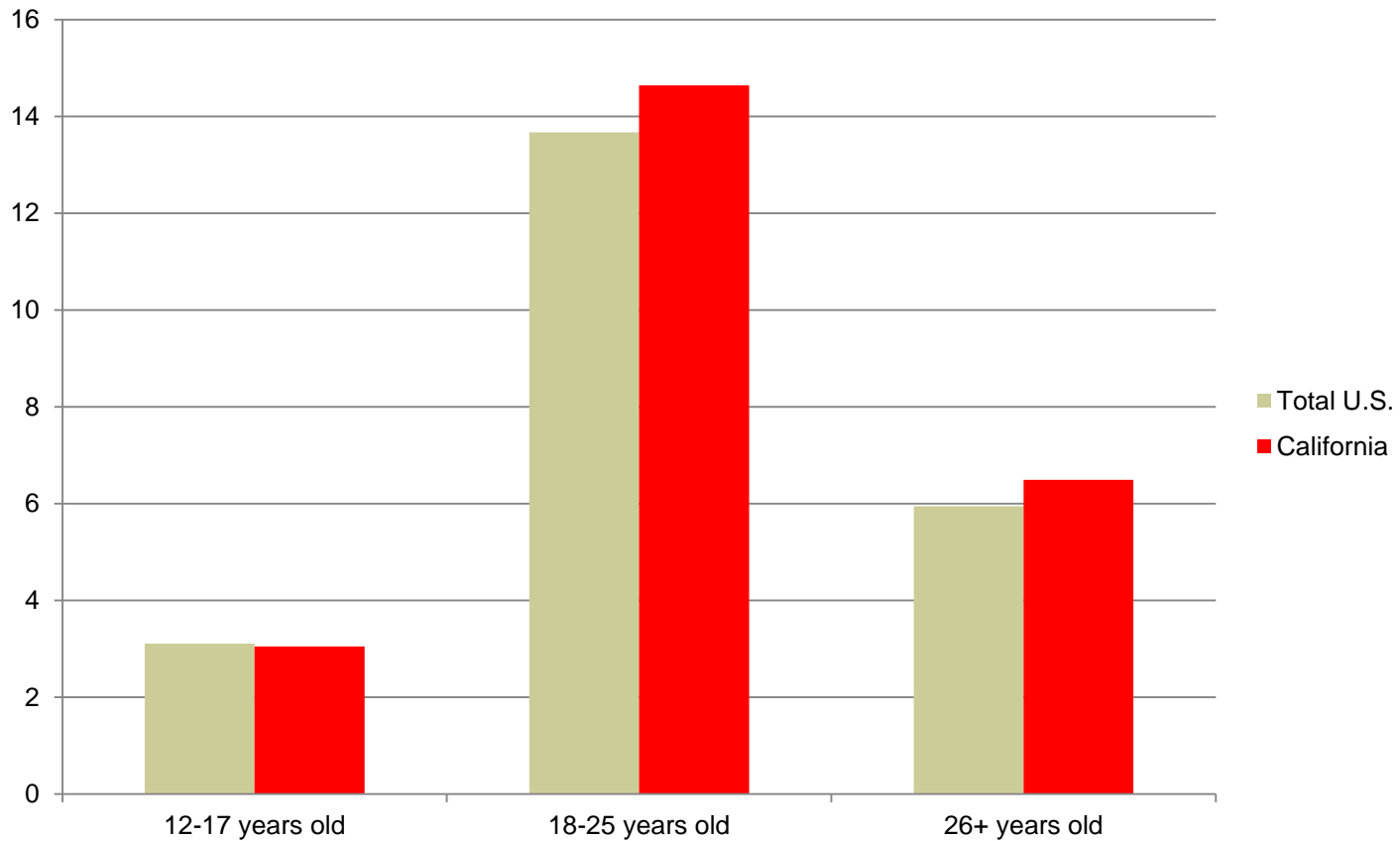
National Survey on Drug Use 2013

Binge Alcohol Use in the Past Month



National Survey on Drug Use 2013

Dependence or Abuse of Illicit Drugs or Alcohol in the Past Year



Treatment Access & Locations

- Probation Referral Hub
- Community Referrals
- Clinic & School Sites
- TAY Protocols



Identification of Treatment Need

- School Process
- Juvenile Justice Involvement
- Parents
- Physician
- Self
- ASAM Patient Placement Criteria



Youth System of Care (YSOC)

- 25 Treatment Settings in Santa Clara County
- Modalities of Treatment
 - Prevention (Education & Intervention), Outpatient, Residential
- Individual, Group, Family & Case Management Services
- Evidence Based Practices



DADS CFCS

- Licensed & Prelicensed Clinicians (MFT & LCSW)
- Expertise with Substance Use Disorders & Adolescents/Young Adults
- Gender Specific Treatment
- Gang Issues



Treatment Philosophy



- Foundation of Honesty
- Meet Clients Where He/She Is At
- Therapist As A Catalyst For Change
- Interventions Tailored to Stage of Change
- Abstinence and Harm Reduction

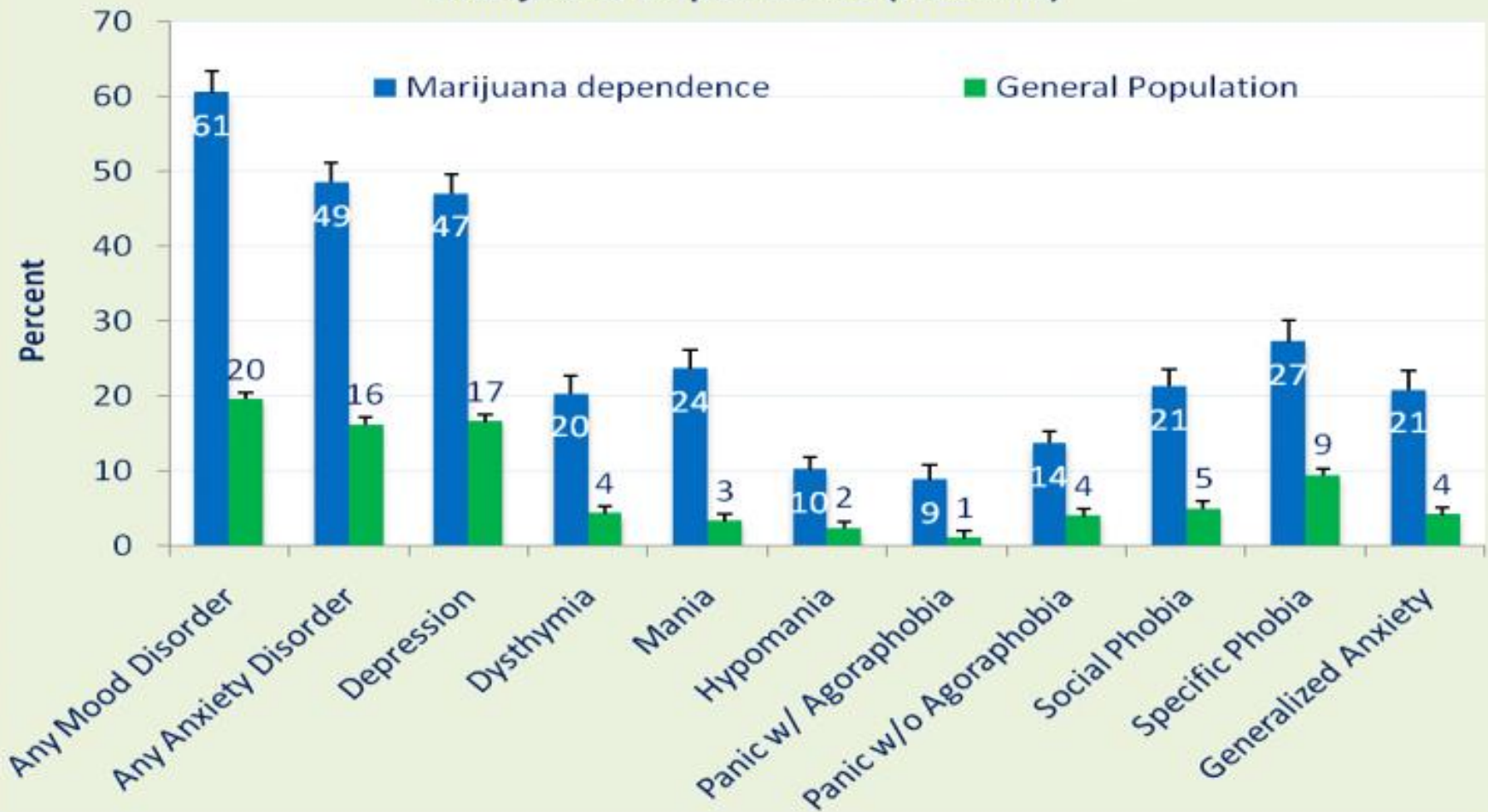
Trauma

- Physical or Sexual Abuse 3x more likely to use
- 70% of youth in SUDS tx had hx of trauma
- 59% of young people with PTSD develop SUDS
- Emotional & Behavioral Dysregulation
- High severity PTSD symptoms



Mental Health & Drug Use...

Mood & Anxiety Disorders Among Respondents with Marijuana Dependence (NESARC)



Safety Net

- Community Resources
- AA/NA
- Pro-social Activities



Opportunities

- Developmental Stage
- Holistic Approach
- Decision Making Skill Development
- Case Management



Opportunities



Sources: Grimley 1997 (75) and Prochaska 1992 (148)

Challenges

- Minor Consent & Parental Involvement
- Transportation
- Stigma



Challenges

Understanding Addiction

Addiction is a chronic relapsing brain disease. Brain imaging shows that addiction severely alters brain areas critical to decision-making, learning and memory, and behavior control, which may help to explain the compulsive and destructive behaviors of addiction.



INSIDE THE ADOLESCENT BRAIN

The brain undergoes two major developmental spurts, one in the womb and the second from childhood through the teen years, when the organ matures by fits and starts in a sequence that moves from the back of the brain to the front.

Corpus Callosum

Thought to be involved in emotion and self-regulation, the bundle of nerve fibers connects the left and right hemispheres of the brain. Both sides receive the same information and process it differently.

Prefrontal Cortex

The CEO of the brain, also called the area of higher second thoughts, is the rear part of the brain to mature—often not fully until age 25. It's in charge of planning, decision-making, and impulse control. As it grows during the preteen years, it becomes more organized and the prefrontal cortex is strengthened.

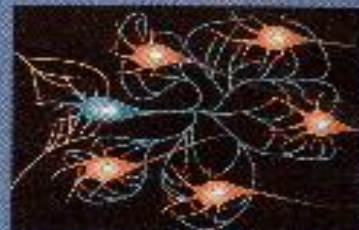
Basal Ganglia

Larger in females than in males, this part of the brain acts like a secretary to the prefrontal cortex by holding it up to date on information. The basal ganglia and prefrontal cortex are tightly connected. It's like the secretary, this part of the brain receives and transmits data. This area of the brain is also active in social and large motor movements, so it's an important exposure point for many adolescent stressors.

Amygdala

One of the emotional centers of the brain, it's active in such primal feelings as fear and rage. In adolescence, neuronal information flows into the amygdala from the prefrontal cortex. This part of the brain is involved in social interactions, so it's an important exposure point for many adolescent stressors.

Nerve Proliferation ...



By age 25 for girls and 27 for boys, the neurons in the front of the brain have formed the basis of new connections. Over the rest of the years, most of them 1-4% are pruned.

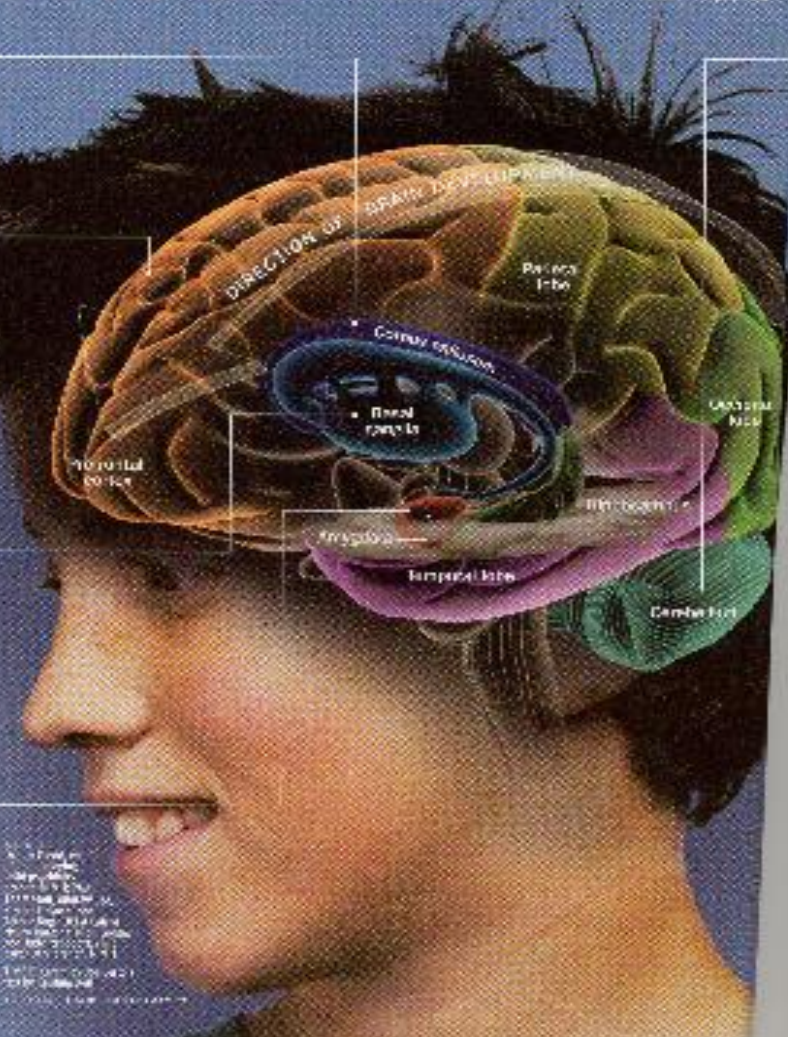
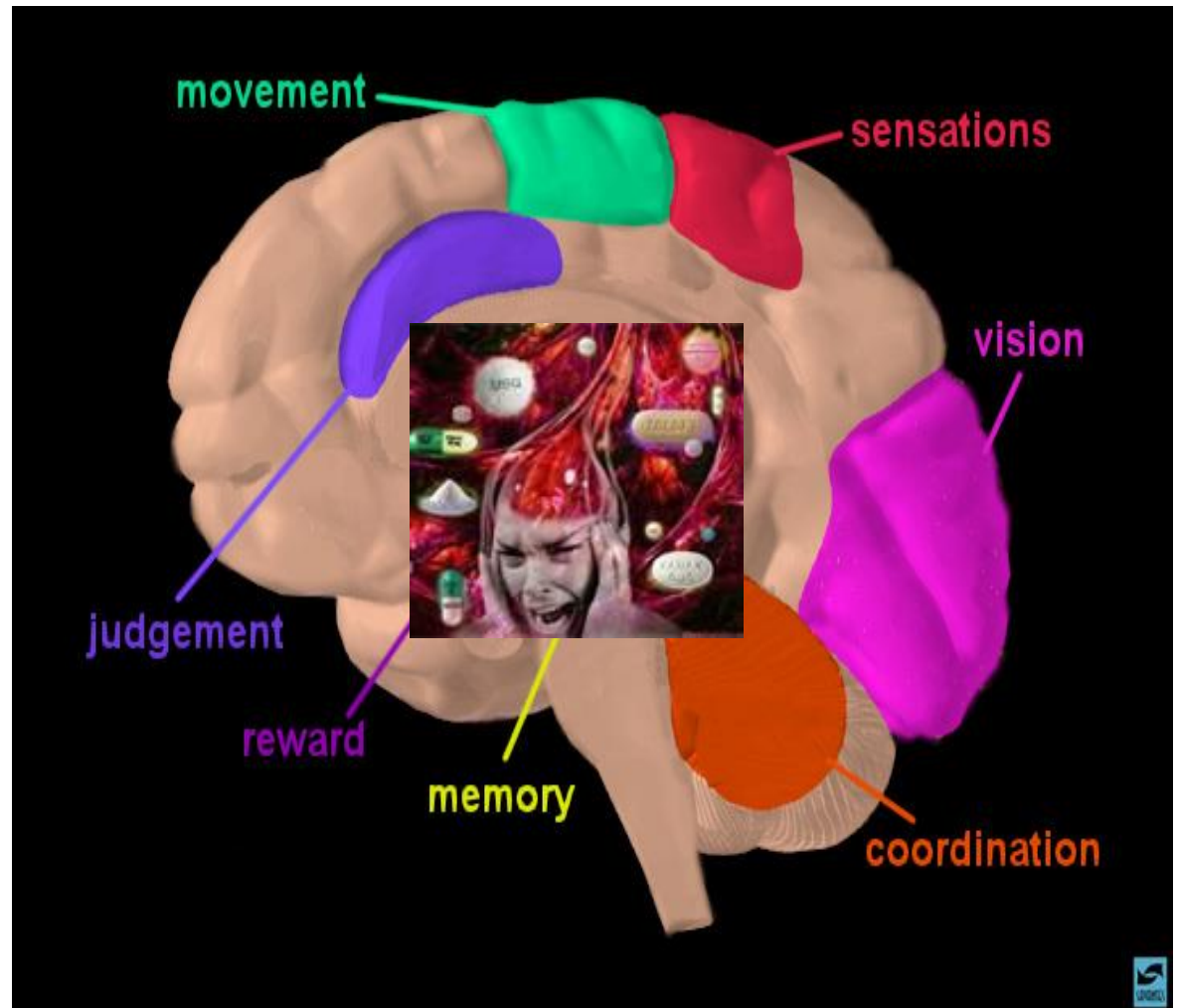


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DRUGS CHANGE THE BRAIN!

After repeated use, “deciding” to use drugs is no longer voluntary



Program Effectiveness

- CalOMS Pre & Post
- 7 Challenges Annual Fidelity Audit
- YSOC Youth Outcome Tool