

Adolescent Substance Abuse and Comorbidity

Chuck Webb

Department of Services for Children,
Youth and their Families (DSCYF);

Division of Prevention and Behavioral Health Services (DPBHS);
Office of Evidence-based Practices (OEP).

Comorbidity: The Norm

2/3

Comorbidity as Risk Factors

| | |
|---|---|
| Fear <ul style="list-style-type: none">• Specific phobias (6)• Agoraphobia (11)• Social phobia (11)• Panic Disorder (11) | Distress <ul style="list-style-type: none">• Separation anxiety (8)• PTSD (14)• Major depression (14)• Generalized anxiety (14) |
| Behavior <ul style="list-style-type: none">• ADHD (6)• Oppositional defiant (11)• Conduct disorder (12)• Eating disorder (15) | Substance abuse <ul style="list-style-type: none">• Alcohol (16)• Drug (16) |

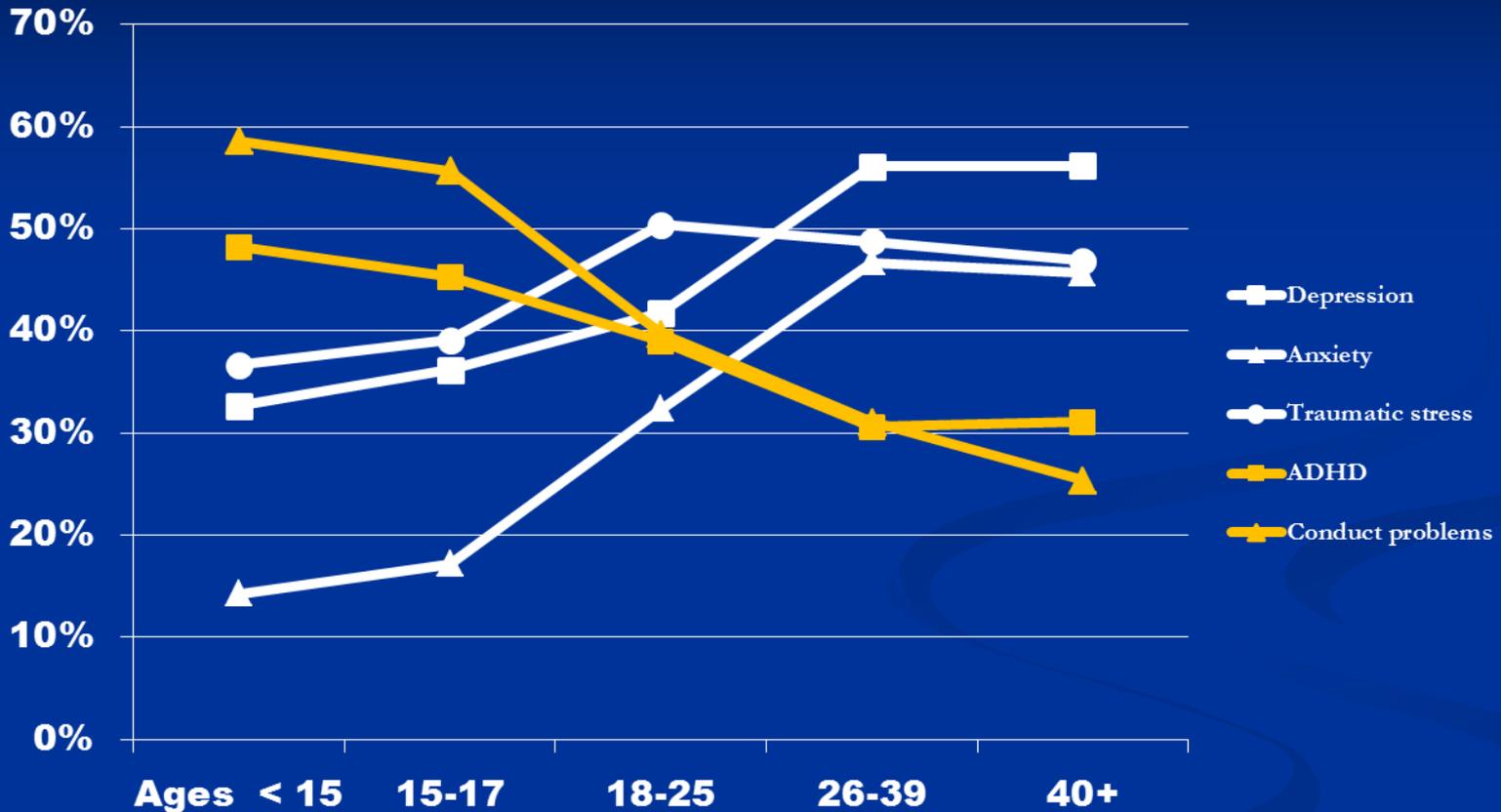
+ Bipolar Disorder (14)

Kessler et al. (2012). Lifetime comorbidity of DSM-IV disorders in the NCS-R Adolescent Supplement. *Psychological Medicine*, 42 (9), 1997-2010.

Comorbidity as Risk Factors



Comorbidity and Age*



* Chan Y, Dennis M & Funk R. (2008). Prevalence and comorbidity of major internalizing and externalizing problems among adolescents and adults presenting to substance abuse treatment. *Journal of Substance Abuse Treatment*, 34 (1), 14-24.

Treatment: Sequencing

MH Treatment  SA Treatment,

Or...

SA Treatment  MH Treatment,

Or...

Concurrent.

Adolescent Treatment Studies

Randomized Control Studies

| | | | |
|-----------------------------|----------------------|--|------------|
| Navigatis et al. (2006) | 33 teens w PTSD | Safety Skills vs TAU | SS > TAU |
| McCart et al (began 2014) | (250 teens 14-17) | Integration Risk Reduction for Teen Substance Use and PTSD | -- |
| Sheidow et al. (began 2014) | (160 teens) | Outpatient Treatment for Adolescents | -- |
| Chorpita (2013) | 174 children 7-13 | MATCH-ADTC vs manual vs TAU | MATCH >TAU |

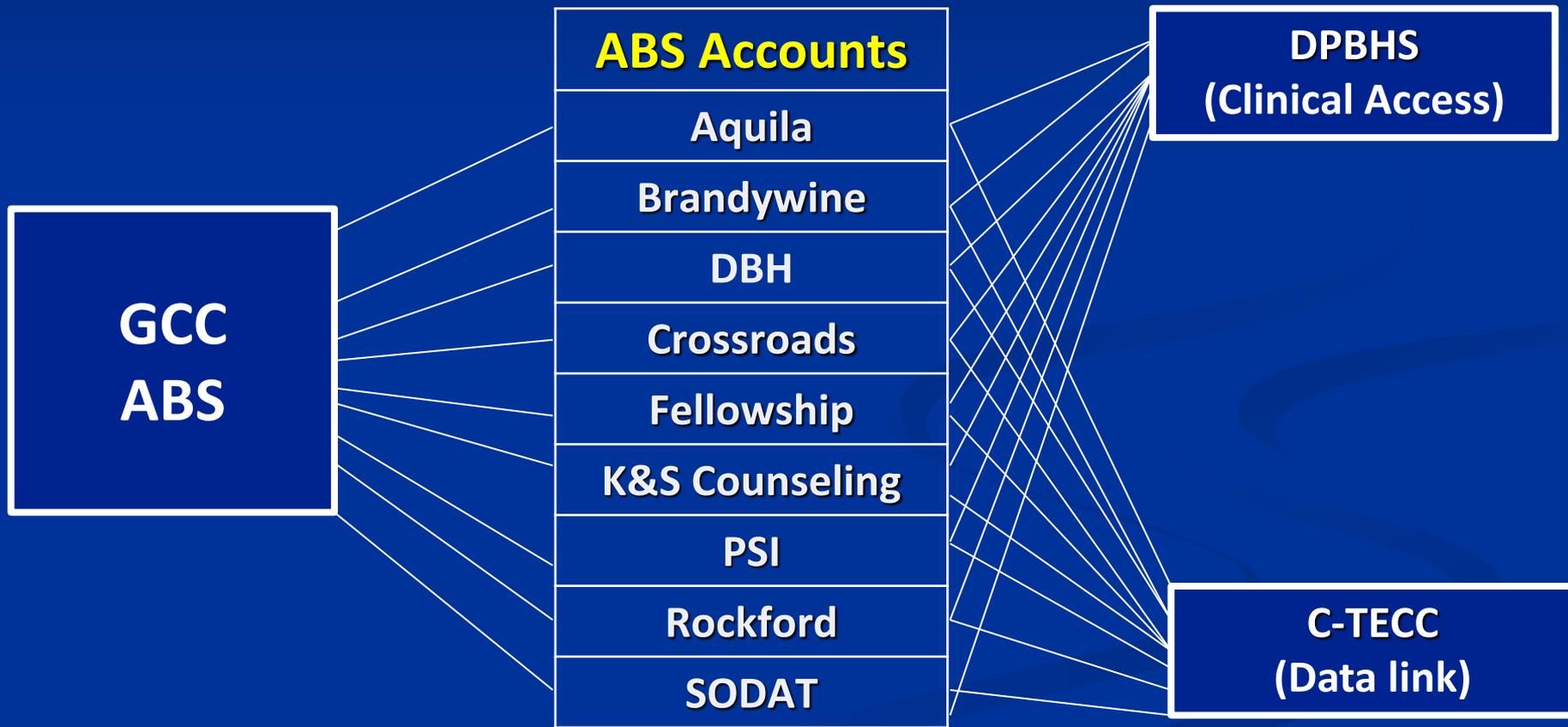
Feasibility

| | | | |
|-------------------------|----------------------------|---------|------------|
| Goldstein et al. (2014) | 9 teens (mean age = 17) | FFT-SUD | ↓ symptoms |
|-------------------------|----------------------------|---------|------------|

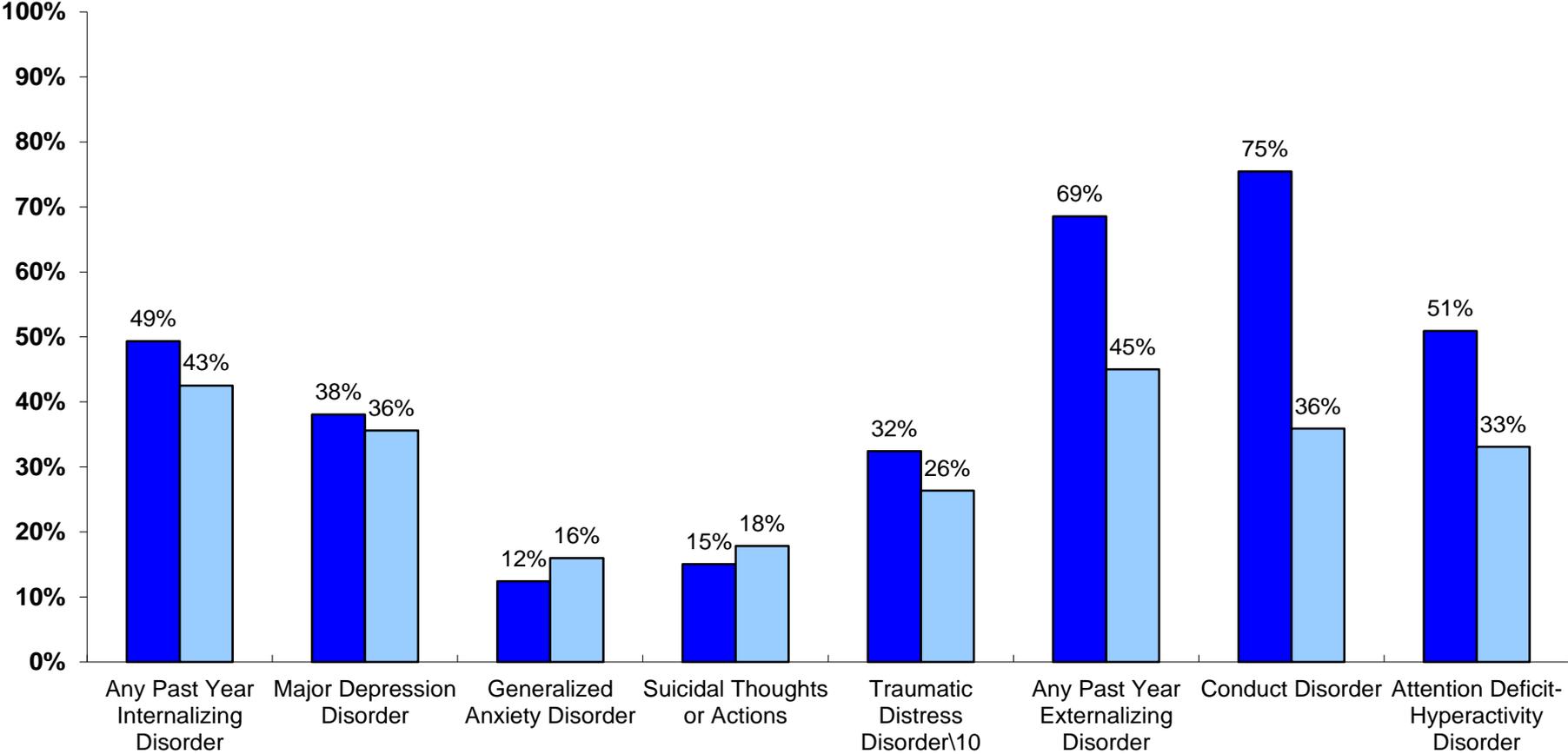
Adult Treatment Studies

| | | | |
|--------------------------|---------------|--|-----------------------------|
| Bellack et al. (1998) | Psychosis/SUD | Behavioral Treatment for Substance Abuse in Severe and Persistent Mental Illness | BTSAS > CNTL |
| Schmitz et al (2001) | MD/Cocaine | CBT + Relapse Prevention | ↓ sxs/use |
| Weiss et al. (1999) | Bipolar/SUD | Integrative Group Therapy | ↓ sxs/use |
| Miklowitz et al. (2007) | Bipolar/SUD | Interpersonal and Social Rhythm Therapy | ↓ relapse ↑ relationship |
| Fallot and Harris (2002) | PTSD/SUD | Trauma Recovery and Empowerment | -- |
| Hein et al. (2010) | PTSD/SUD | Seeking Safety | SS > TAU |

DPBHS GAIN Study



Co-Occurring Psychiatric Conditions

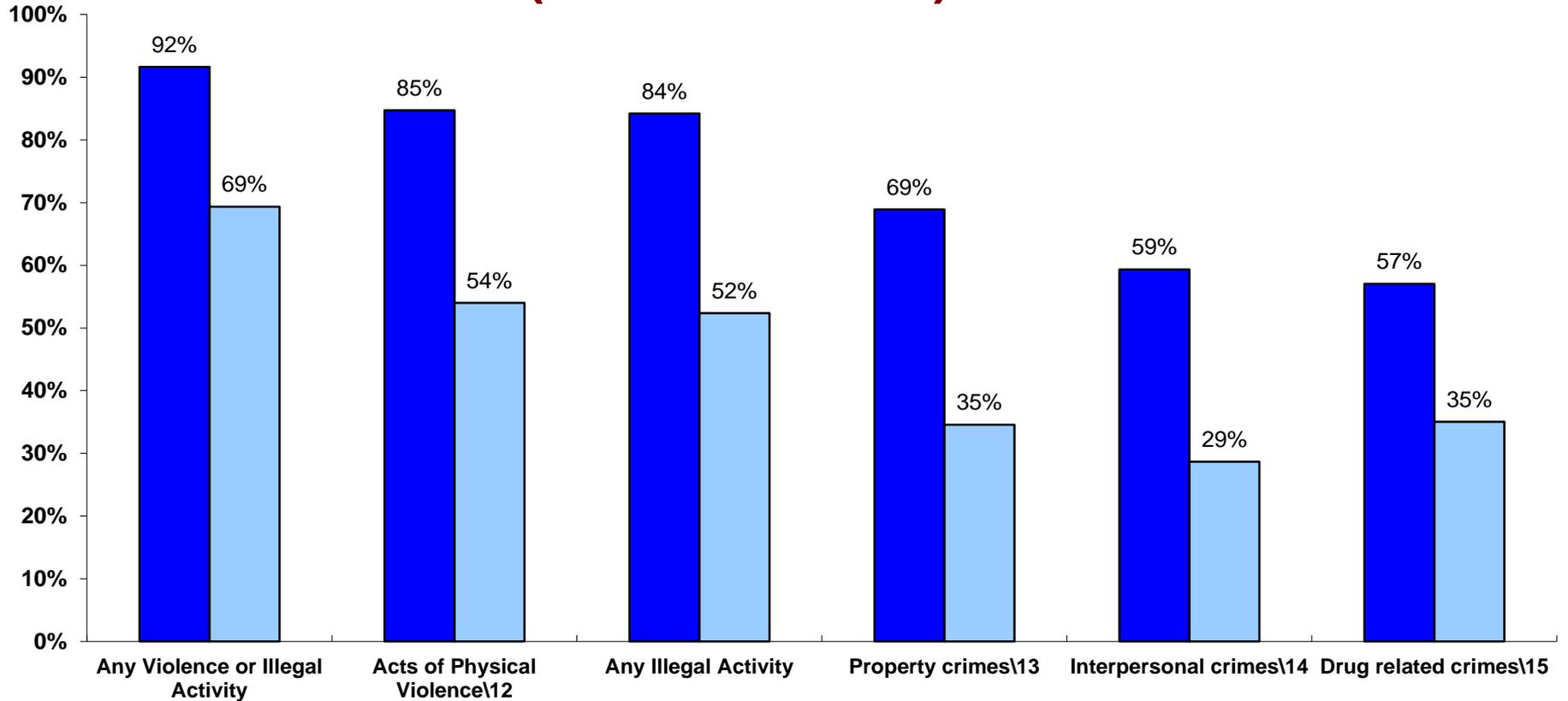


\10 Post traumatic distress, acute traumatic distress or disorders of extreme stress not otherwise specified

■ 27 - DE (N = 264)

□ 01 - Total (N = 58624)

Patterns of Violence and Crime (Toward Others)



¹² Physical assault of another person within the past year.

¹³ Self report of or arrests related to vandalism, forgery, bad checks, shop lifting, theft, robbery, auto theft.

¹⁴ Self report of or arrests related to assault, aggravated assault with a weapon, rape, murder, and arson

¹⁵ Self report of or arrests related to driving under the influence, manufacture or distribution, prostitution, gang involvement

■ 27 - DE (N = 264) □ 01 - Total (N = 58624)

?