

SUICIDE PREVENTION

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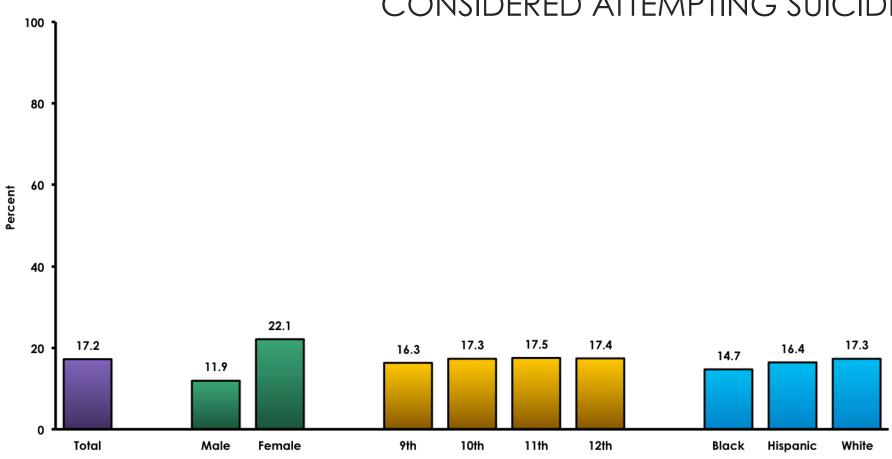
10 Leading Causes of Death by Age Group, United States - 2017

	Age Groups										
Rank	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	Total
1	Congenital Anomalies 4,580	Unintentional Injury 1,267	Unintentional Injury 718	Unintentional Injury 860	Unintentional Injury 13,441	Unintentional Injury 25,669	Unintentional Injury 22,828	Malignant Neoplasms 39,266	Malignant Neoplasms 114,810	Heart Disease 519,052	Heart Disease 647,457
2	Short Gestation 3,749	Congenital Anomalies 424	Malignant Neoplasms 418	Suicide 517	Suicide 6,252	Suicide 7,948	Malignant Neoplasms 10,900	Heart Disease 32,658	Heart Disease 80,102	Malignant Neoplasms 427,896	Malignant Neoplasms 599,108
3	Maternal Pregnancy Comp. 1,432	Malignant Neoplasms 325	Congenital Anomalies 188	Malignant Neoplasms 437	Homicide 4,905	Homicide 5,488	Heart Disease 10,401	Unintentional Injury 24,461	Unintentional Injury 23,408	Chronic Low. Respiratory Disease 136,139	Unintentional Injury 169,936
4	SIDS 1,363	Homicide 303	Homicide 154	Congenital Anomalies 191	Malignant Neoplasms 1,374	Heart Disease 3,681	Suicide 7,335	Suicide 8,561	Chronic Low. Respiratory Disease 18,667	Cerebro- vascular 125,653	Chronic Low. Respiratory Disease 160,201
5	Unintentional Injury 1,317	Heart Disease 127	Heart Disease 75	Homicide 178	Heart Disease 913	Malignant Neoplasms 3,616	Homicide 3,351	Liver Disease 8,312	Diabetes Mellitus 14,904	Alzheimer's Disease 120,107	Cerebro- vascular 146,383
6	Placenta Cord. Membranes 843	Influenza & Pneumonia 104	Influenza & Pneumonia 62	Heart Disease 104	Congenital Anomalies 355	Liver Disease 918	Liver Disease 3,000	Diabetes Mellitus 6,409	Liver Disease 13,737	Diabetes Mellitus 59,020	Alzheimer's Disease 121,404
7	Bacterial Sepsis 592	Cerebro- vas cular 66	Chronic Low. Respiratory Disease 59	Chronic Low Respiratory Disease 75	Diabetes Mellitus 248	Diabetes Mellitus 823	Diabetes Mellitus 2,118	Cerebro- vascular 5,198	Cerebro- vascular 12,708	Unintentional Injury 55,951	Diabetes Mellitus 83,564
8	Circulatory System Disease 449	Septicemia 48	Cerebro- vascular 41	Cerebro- vascular 56	Influenza & Pneumonia 190	Cerebro- vascular 593	Cerebro- vascular 1,811	Chronic Low. Respiratory Disease 3,975	Suicide 7,982	Influenza & Pneumonia 46,862	Influenza & Pneumonia 55,672
9	Respiratory Distress 440	Benign Neoplasms 44	Septicemia 33	Influenza & Pneumonia 51	Chronic Low. Respiratory Disease 188	HIV 513	Septicemia 854	Septicemia 2,441	Septicemia 5,838	Nephritis 41,670	Nephritis 50,633
10	Neonatal Hemorrhage 379	Perinatal Period 42	Benign Neoplasms 31	Benign Neoplasms 31	Complicated Pregnancy 168	Complicated Pregnancy 512	HIV 831	Homicide 2,275	Nephritis 5,671	Parkinson's Disease 31,177	Suicide 47,173

Data Source: National Vital Statistics System, National Center for Health Statistics, CDC. Produced by: National Center for Injury Prevention and Control, CDC using WISQARS™.



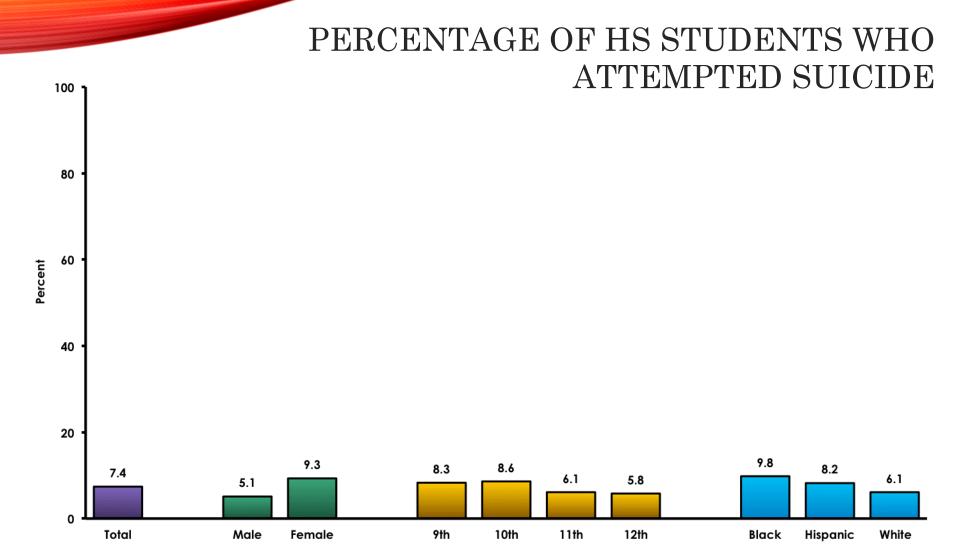
PERCENTAGE OF HS STUDENTS WHO SERIOUSLY CONSIDERED ATTEMPTING SUICIDE



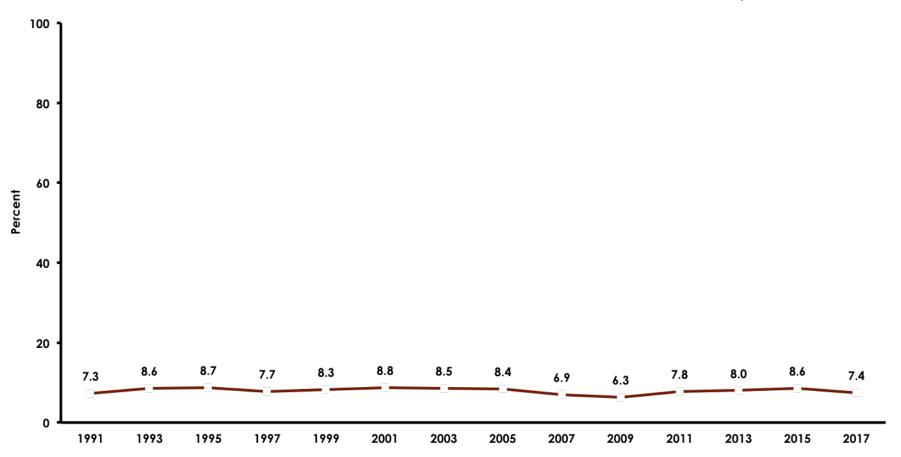
^{*}Ever during the 12 months before the survey

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

 $^{^{\}dagger}F > M$; W > B (Based on t-test analysis, p < 0.05.)

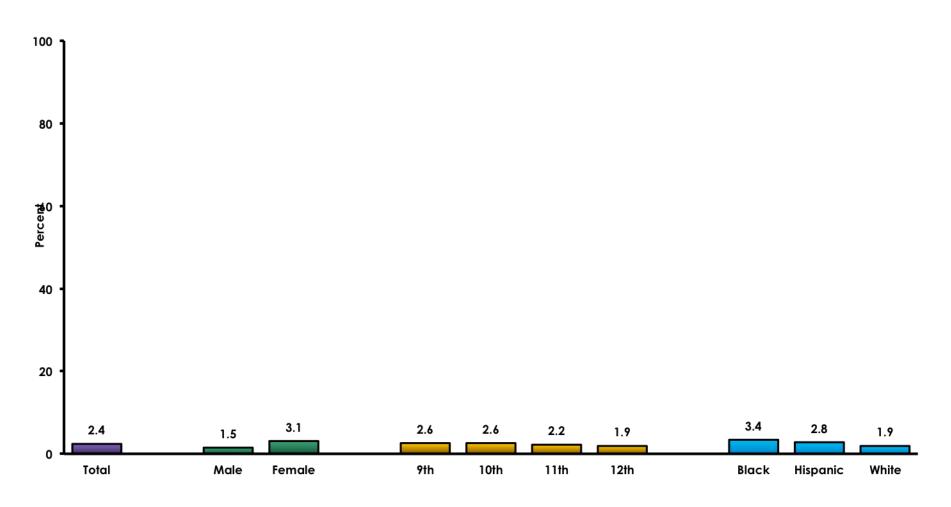


PERCENTAGE OF HS STUDENTS WHO ATTEMPTED SUICIDE, 1991-2017

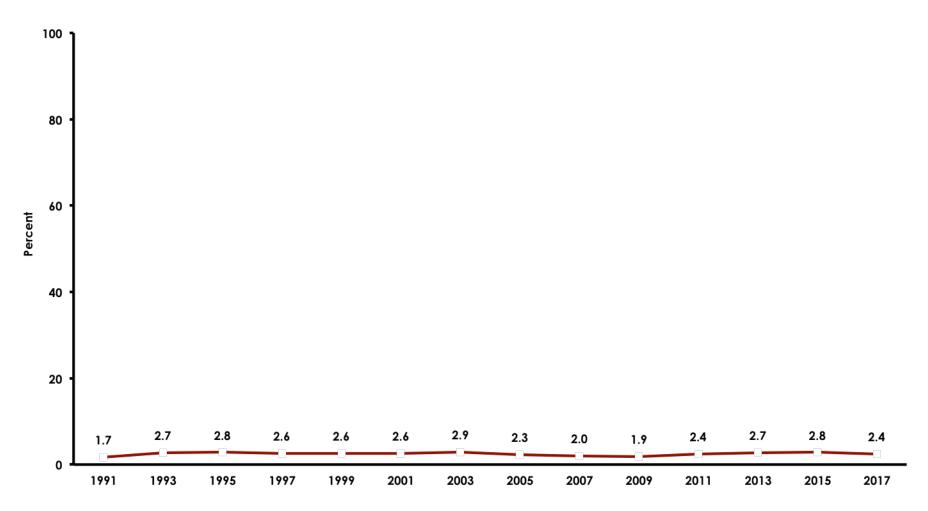


National Youth Risk Behavior Surveys, 1991-2017

PERCENTAGE OF HS STUDENTS WHO ATTEMPTED SUICIDE & REQUIRED TREATMENT

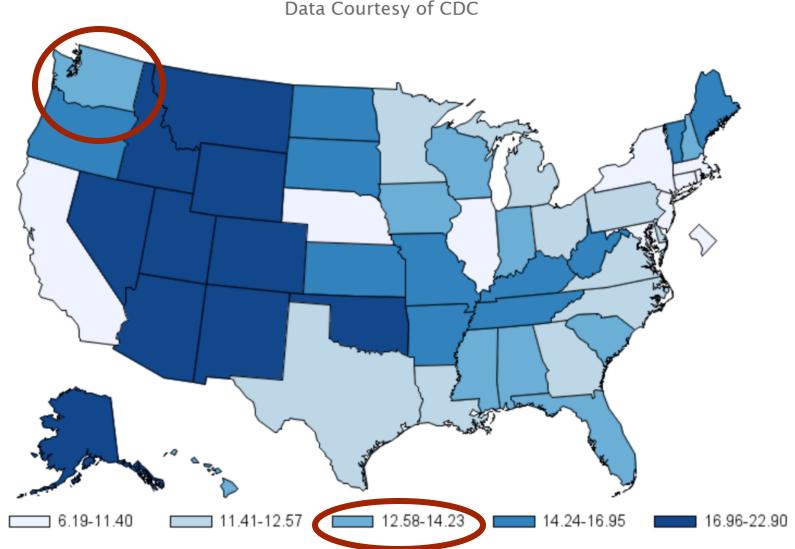


PERCENTAGE OF HS STUDENTS WHO ATTEMPTED SUICIDE & REQUIRED TREATMENT



Suicide Rates in the United States (by state; per 100,000; average 2008-2014)







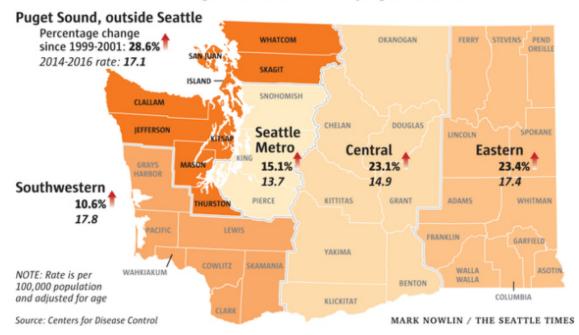
Gene Balk / FYI Guy f | 💆

Suicide rate up in all regions of Washington — but why? 'No one is exactly sure,' expert says

Originally published June 14, 2018 at 6:00 am | Updated June 15, 2018 at 11:58 pm

Suicide rates rise across state

The suicide rate in Washington has increased in every region of the state since 1999.



The suicide rate in Washington state has increased 19 percent compared to the period from 1999 to 2001. There are more than 1,100 suicides each year in the state.



WA YOUTH SURVEY 2018

Suicidal Feelings and Actions...

Students who report considering suicide, making a suicide plan, and attempting suicide in the past year

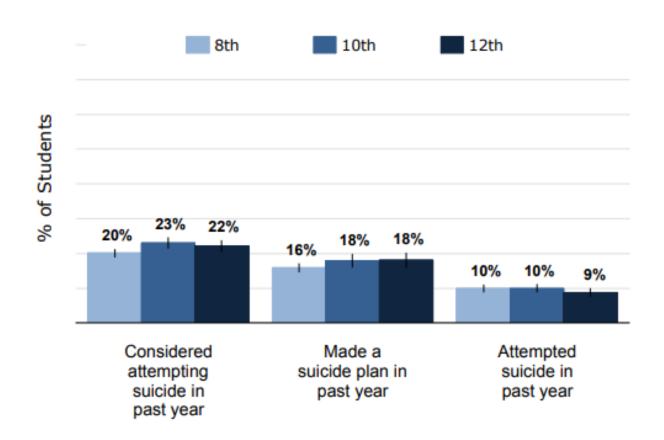
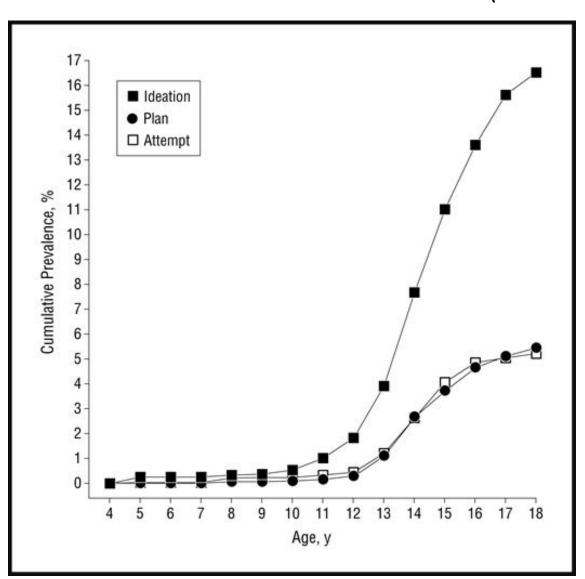


Figure 1. Suicide rates among young adults aged 18-24, by race and Hispanic origin and sex: United States, 2012-2013 ■ Female Both Male 50 I 95% confidence interval per 100,000 population 34.3 40 30 22.5 24.8 20.4 20 15.4 14.7 13.0 12.9 12.8 9.9 Deaths 9.2 8.9 10 5.5 4.8 3.1 0 Hispanic All Non-Non-Asian or American Hispanic Hispanic Pacific Indian white black Islander or Alaska Native

NOTES: Suicide deaths are identified with ICD–10 codes U03, X60–X84, and Y87.0. Deaths for the American Indian or Alaska Native population may be underreported by 30%, for the Asian or Pacific Islander population by 7%, and for the Hispanic-origin population by 5%. For more details, see Technical Notes in *National Vital Statistics Reports*, vol. 63, no. 3, "Deaths: Final data for 2011"; also see *Vital and Health Statistics*, Series 2, no. 148, "The validity of race and Hispanic origin reporting on death certificates in the United States."

SOURCE: CDC/NCHS, National Vital Statistics System mortality data, 2012–2013. Available from CDC Wonder online database: http://wonder.cdc.gov/ucd-icd10.html.

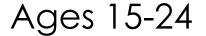
AGE OF ONSET FOR SUICIDAL BEHAVIORS (NOCK ET AL., 2013)

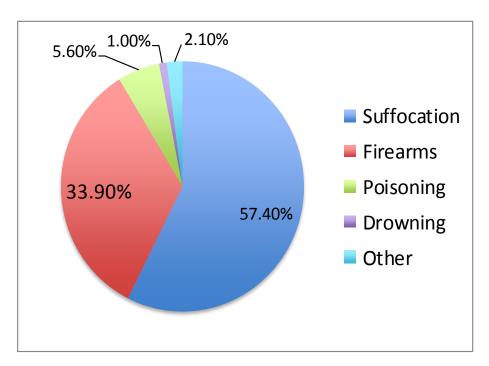


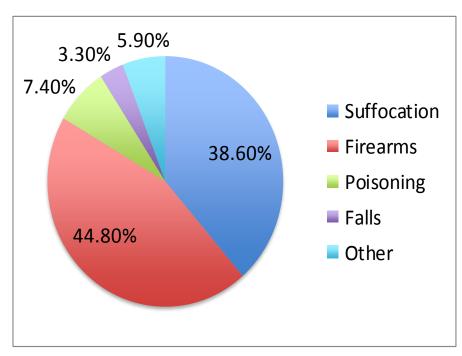
WHY ARE NON-LETHAL SUICIDE ATTEMPTS OF CONCERN?

METHODS OF SUICIDE IN ADOLESCENCE & YOUNG ADULTHOOD

Ages ≤ 14







CDC WISQARS data for the year 2015

CASE EXAMPLE

Katerina, a 15-year-old girl with a history of depression and anxiety symptoms as well as NSSI, is presenting for her annual well child visit.

Upon inquiry, she shares that she sometimes wishes she were dead and that she engages in self-harm (cutting) 1-2 times per week whenever she feels overwhelmed by school, her parents, or her peers.

Mother shares that she recently discovered that Katerina has been spending time with an older boy and that the two regularly smoke weed together and also drink alcohol from time to time.

During her visit, Katerina complains that her parents don't understand what she is going through and that her grades have dropped from As and Bs to Cs.

RISK FACTORS

- Gender
- Age
- Depression, hopelessness
- Prior SI/SA
- Exposure to suicide
- Neglect/Abuse
- Substance Use/Abuse
- Bullying
- Non-heterosexual orientation

Distal Risk Factor	Proximal Risk Factor				
Prior suicide attempt or NSSI	Stressful life events				
Psychopathology (Mood/anxiety disorders)	Accessible means				
Impulsive-aggressive traits	Intense Affective State+ Sleep Disturbance				
Race/ethnicity	Current psychotic symptoms				
Disturbed family context/Family history of suicide	Chronic pain or medical illness				
Gender*	Suicide in social milieu				
Sexual minority	Talking about suicide, burden to others				
Early life adversity and abuse	Substance abuse				

SUICIDE VS. NSSI

Suicide:

- Intent is to die
- Hopelessness/helplessness
- Feel no better after attempt
- Usually one primary method
- Varying lethality

NSSI:

- Intent is to cope with stress, and/or avoid suicide
- Typically experience relief after the act
- Multiple methods often used
- Typically low lethality

HOWEVER...

STRONG association between NSSI and suicidality

- SA risk factor for NSSI
- SI occurs during NSSI
- NSSI risk factor for future SAs
 - Frequency
 - Duration
 - Number of methods

SUICIDE PREVENTION



10th September





PRIMARY PREVENTION











SECONDARY PREVENTION







WA STATE PLAN FOR YOUTH SUICIDE PREVENTION

Goal 1: Suicide is everyone's business

Goal 2: Youth ask for and get help when they need it.

Goal 3: People know what to look for and how to help

Goal 4: Care is available for those who seek it.

Goal 5: Suicide is recognized as a preventable public health problem.

SUICIDE PRIMARY PREVENTION

- > Statewide educational campaign on suicide prevention
- Public educational campaign to restrict access to lethal means
- > Firearm safety/restricting accessibility
- Medication packaging and dispensing
- Car safety features
- Media guidelines

SUICIDE PRIMARY PREVENTION

- > School-based awareness and prevention programs
 - ✓ SOS Signs of Suicide Prevention Program
 - ✓ Youth Aware of Mental Health Program
 - ✓ Youth Suicide Prevention Program
- > Increasing protective factors
 - ✓ Building resilience
 - ✓ Social support
 - ✓ Positive school experiences

SUICIDE SECONDARY PREVENTION

- Gatekeeper Training Programs
 - Increase knowledge about suicide
 - Improve attitudes about suicide prevention
 - Decrease reluctance to ask about suicide
 - Enhance self-efficacy to intervene
- Screen and refer
 - ASQ
 - PHQ9/PHQ9-A
 - CSSRS
 - Computerized adaptive measures

WHAT ARE THE EFFECTIVE INTERVENTIONS/ TREATMENT COMPONENTS FOR SUICIDALITY?

EMPIRICALLY SUPPORTED APPROACHES

- Non-demand "caring contact"
 - Letter, postcard, call, in person visit
- Reducing Access to Lethal Means
- Safety Planning
 - Reducing access to lethal means
 - Teaching brief problem solving and coping skills
 - Identifying social support
 - Enhancing motivation
- CBT approaches
- CAMS
- MBT /TFP

ED INTERVENTIONS

risk assessment + brief intervention + care linkage

WHY THIS SETTING?

- > Therapeutic Assessment (TA) (Ougrin et al., 2011)
- ➤ Risk Screening plus Service Engagement (Grupp-Phelan, McGuire, Husky, & Olfson, 2012)
- > Teen Options for Change (King, Gipson, Horwitz, Opperman, 2015)
- Family Intervention for Suicide Prevention (FISP) (Asarnow et al., 2009)

THE FAMILY INTERVENTION FOR SUICIDE PREVENTION (FISP)



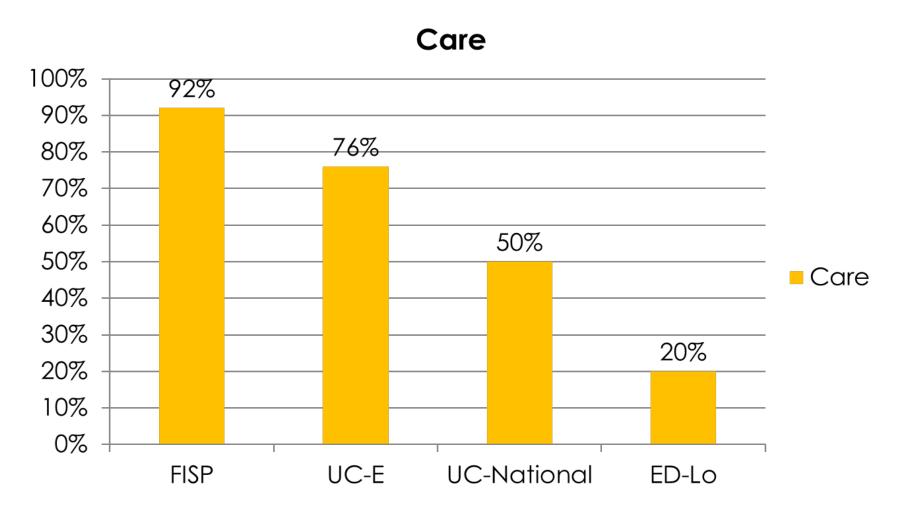
What is FISP?

- Brief family intervention for youth with high suicide risk
 - Participation of parent/guardian
- "Therapeutic Behavioral Assessment"
 - Assess & decrease short-term suicidality risk
 - Build coping skills
 - Enhance motivation for follow-up care
 - Improve linkage to outpatient treatment

TREATMENT COMPONENTS

- Five behavioral tasks (youth)
 - Generate Self-strengths
 - Identify three persons from whom to seek support
 - Use Emotion thermometer
 - Create safety plan
 - Commit to using the safety plan
- Psychoeducation on suicide risk (incl. lethal means)
- Strengthening family support
- Motivational interviewing/problem-solving
- Follow up contact

FISP IMPROVED CONTINUITY OF CARE

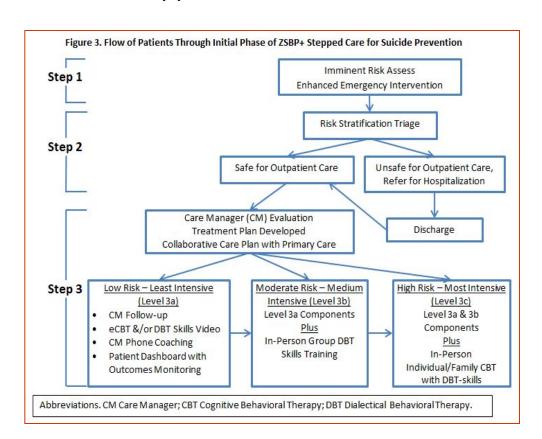


Asarnow JR, Baraff LJ, Berk M, et al. (2011). An emergency department intervention for linking pediatric suicidal patients to follow-up mental health treatment. Psychiatr Serv. 2011 Nov;62(11):1303-9.





RCT of Stepped Care for Suicide Prevention in Teens and Young Adults





PI: Joan R. Asarnow, PhD



PI: Greg Clarke, PhD

CRISIS CONSULTATION CLINICS

- 2-4 sessions for stabilization of suicidality
 - Divert from ED
 - Prevent inpatient hospitalization
 - Decrease imminent risk
 - Linkage to outpatient care

UCLA & Stanford – based on FISP

SCH – based on CAMS

QUESTIONS\$\$

