A desert landscape at sunset. The sun is low on the horizon, casting a warm orange glow over the scene. Several tall saguaro cacti are scattered across the landscape, with some in the foreground and others in the distance. A dirt path winds through the desert. The sky is filled with soft, wispy clouds, and the overall atmosphere is serene and quiet.

Calculating an Adequate System Tool

Evaluating the Capacity of Cochise County's
Substance Abuse Care System

May, 2019

Community Mental Health Summit



Overview of CAST



CAST findings:

- Promotion & Prevention
- Referral
- Treatment
- Recovery Support



Next steps



Q&A

■ CALCULATING AN ADEQUATE SYSTEM TOOL

CAST was created by an interdisciplinary group of researchers at the SAMHSA Center for Behavioral Health Statistics and Quality to evaluate the capacity of the substance abuse care system within a defined geographic area

CAST is most often used by counties to estimate need for services across the continuum of care

CAST provides users with a risk assessment of county-level social and community determinants of substance abuse

CAST provides users with an assessment of local service needs

CAST provides insight into the chronic social conditions that may be contributing to behavioral health outcomes



Cochise County CAST

Process & Findings



CAST PROCESS

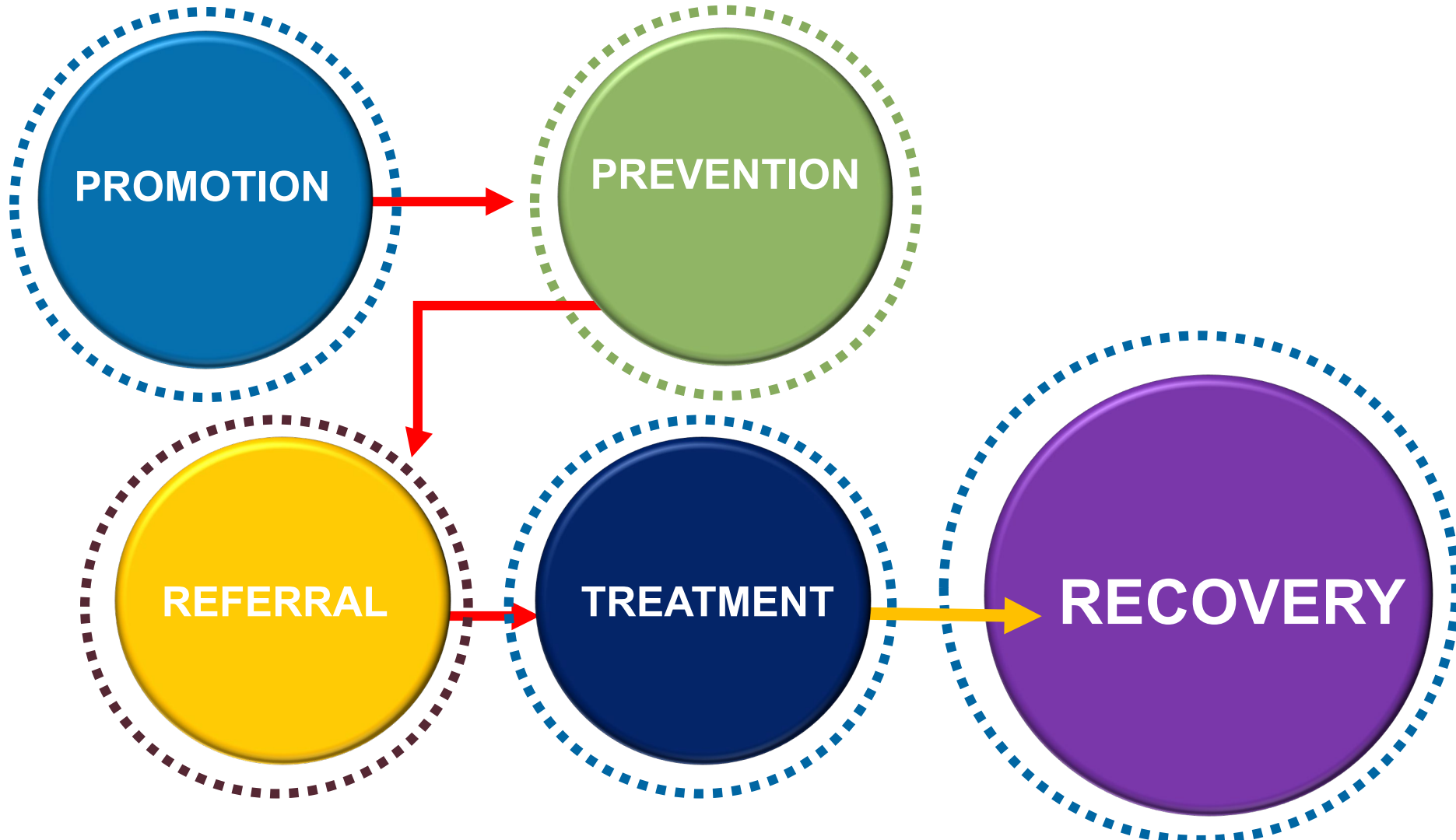
The CAST assessment includes a literature review, key informant interviews and completion of the data instrument





CAST CATEGORIES

CAST looks at the system in five distinct parts:





CAST PROMOTION & PREVENTION

Promotion Overview

Behavioral health promotion efforts are intended to raise awareness about specific substance use concerns, provide universal outreach to your community, and facilitate the intentional coordination of population health promotion efforts by community coalitions.

Prevention Overview

Prevention programs are early-intervention strategies intended to reduce the impact of substance use disorders. Prevention programs are organized around the three population defining strategies of Universal, Selective, and Indicated programs.

Universal programs include environmental prevention strategies and programs which aim to provide information to all individuals.

Selective programs target subgroups of the community that are known to have specific risks for increased likelihood to engage in substance abuse.

Indicated programs are intended for individuals who have demonstrated early signs of substance use problems.

The image shows a thumbnail of a table titled "CAST CoCOPAS Promotion & Prevention". The table has multiple columns and rows, with some cells highlighted in red. Two red circles are drawn around specific cells in the table, likely indicating key information or areas of focus.

CAST COCHISE PROMOTION & PREVENTION

Calculations of Regional Need for Behavioral Health Care Services

Components	Definition and Units of Measurement	Maximum Community Need	Program Usage Rate	Adjusted community need	Observed Community Totals	Estimated Need
<i>Prevention</i>						
School-based prevention programs	Substance abuse prevention programs being implemented within schools. Each program was counted as 1.	22	93%	20	3	-8
Community-based prevention programs	Substance abuse prevention programs being implemented within community settings. Each program was counted as 1.	250	12%	31	0	-28
Housing Vouchers for homeless residents	Dedicated beds for residents who qualify for HUD, across all types of CoC project types	2196	20%	439	50	122
Needle Exchange	Number of locations offering needle exchange	33	45%	15	0	-15
Prescription Drug Disposal Events/Locations	Number of drug disposal events held per year, combined with all drug disposal locations	6	60%	4	4	0

Calculations of Regional Need for Behavioral Health Care Services

Components	Definition and Units of Measurement	Maximum Community Need	Program Usage Rate	Adjusted community need	Observed Community Totals	Estimated Need
<i>Promotion</i>						
Marketing Advertisements	Individual advertisements placed on tv, radio, print, billboards, web, and social media within one year	749	85%	636	3	-633
Media Advocacy Events	Individual, in-person gatherings meant to raise awareness of substance abuse	499	3%	15	0	-15
Community Coalitions	Individual coalitions of political, non-profit, and/or business organizations that receive and allocate grant funding to limit substance abuse.	4	7%	0	11	11

CAST REFERRAL

Referral Overview

CAST expands the SAMHSA defined Continuum of Care to include the referral system. Knowing how individuals are accessing or being directed to treatment can assist you as you plan for an integrated system of care.

The referral system as defined in CAST is one that links individuals to treatment, be it voluntarily or involuntarily. If this analysis reveals that you have a very high number of individuals being directed to treatment through involuntary pathways (Drug Courts), it may signify a need to address those pathways as being a high priority.

CAST COCHISE REFERRAL

Calculations of Regional Need for Behavioral Health Care Services

Component	Behavioral and VASH-2B Measurement	Minimum Community Need	Program Output Goal	Additional Community Need	Current Services	Shortfall
Total						
Add Specialty Clinics	All specialty clinics for services available	79	75%	1	0	0
Franklin Specialty Clinics	All specialty clinics for services available	38	75%	0	0	0
Priority Care Clinics in the waiting	Priority care clinics that have not met a standard waiting list or otherwise show evidence of not being in regular care	14	100%	1	0	0
1500 Awareness Treatment Practices	Practices offering evidence-based treatment. This data included additional resources and funding to the program and required to identify health needs.	2	100%	2	119	119
Drug Courts	Licensed drug court system	12	100%	0	0	0

CAST COCHISE REFERRAL

Calculations of Regional Need for Behavioral Health Care Services						
Components	Definition and Units of Measurement	Maximum Community Need	Program Usage Rate	Adjusted community need	Observed Community Totals	Estimated Need
<i>Referral</i>						
Adult Specialty Courts	All specialty courts that serve adults	79	1%	1	1	0
Youth Specialty Courts	All specialty courts that serve youth	22	1%	0	0	0
Primary Care Doctors w/ SA training	Primary care doctors who have received or attended training in substance abuse recognition and are willing to engage in brief interventions	13	10%	1	0	-1
MH Awareness Trained Police	Police officers serving a community who have received additional education and training on how to recognize and respond to mental health needs.	2	100%	2	155	153
Social Workers	Licensed clinical social workers	72	87%	63	14	-49

CAST TREATMENT

Treatment Overview

Entering treatment is often an important step toward recovery.

Treatment service types vary widely, and CAST does not offer tools for assessing the quality of care being provided within your community.

The use of CAST is intended to provide insight about the amount of treatment access, and type of treatment access, members of your community are being offered.

CAST TREATMENT

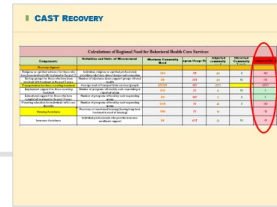
Calculations of Regional Need for Behavioral Health Care Services

Component	Definition and Unit of Measurement	Multiple Community Need	Service Usage (U)	Adjusted Community Need	Respective Community Capacity	Service Gap
Outpatient						
Daypatient	Facilities providing inpatient or residential services	8	252	1	1	8
Outpatient	Facilities providing non-residential, non-inpatient care programs, including walk-in or walk-out or day for 24 hours/7 days/7 treatment	26	218	0	0	-4
Short term (20 days or less)	Facilities providing for the 20 days of care, with care in setting with licensed clinical staff and other staff	44	212	0	0	-4
Long term (more than 20 days)	Facilities providing 20 days or more of care, with care in setting with licensed clinical staff and other staff	80	212	2	1	-4
Residential						
Residential	Facilities providing supervised residential services	8	252	1	0	-1
Continuum	Continuum services for 24 hours to assist clients with drug and alcohol issues	100	252	42	0	-24
Psychiatric	Facilities providing inpatient or residential care for individuals with mental health conditions	80	252	20	1	-25
Psychological	Facilities providing inpatient or residential care for individuals with psychological conditions	80	252	0	0	0
Special Treatment program (STP)	Facilities providing inpatient or residential care for individuals with special treatment program (STP) after fully operational during all phases and throughout all phases	80	252	0	1	-2
Office-based option, individualized (OBI)	Office-based option, individualized (OBI) with primary care provider or psychiatrist or mental health nurse or drug counselor	142	252	17	0	-15

CAST TREATMENT

Calculations of Regional Need for Behavioral Health Care Services						
Components	Definition and Units of Measurement	Maximum Community Need	Program Usage Rate	Adjusted community need	Observed Community Totals	Estimated Need
Treatment						
Inpatient						
Detoxification	Facilities providing in hospital or residential detoxification	8	15%	1	1	0
24-hour/Intensive Day treatment	Facilities providing non-residential, psychiatric care programs, lasting two or more hours per day for 3 or more days per week	26	6%	2	1	-1
Short-term (30 days or fewer)	Facilities providing less than 30 days of non-acute care in a setting with treatment services for alcohol and other drug abuse and dependency	48	5%	2	1	-1
Long-term (more than 30 days)	Facilities providing 30 days or more of non-acute care in a setting with treatment services for alcohol and other	40	6%	2	1	-1
Outpatient						
Detoxification	Facilities providing outpatient/ambulatory detoxification	4	15%	1	0	-1
Counselors	Counselors licensed by the state to assist clients with drug and alcohol issues	119	35%	42	8	-34
Psychiatrists	Psychiatrists listed as specializing in substance abuse and addiction issues	83	27%	22	1	-21
Psychologists	Psychologists listed as specializing in substance abuse and addiction issues	83	4%	3	11	8
Opioid Treatment program (OTP)	The venue in which treatment is provided is as important as the specific medication selected. Opioid treatment programs (OTPs) offer daily supervised dosing of methadone, and increasingly of buprenorphine	10	25%	3	1	-2
Office based opiate substitution (OBOT)	office-based opioid treatment (OBOT), which provides medication on a prescribed weekly or monthly basis, is limited to buprenorphine	147	25%	37	0	-37

CAST RECOVERY



The image shows a screenshot of a data table titled "CAST RECOVERY". The table has several columns, including "State", "Substance Use Disorder Treatment", "Recovery Support", "Recovery Support", "Recovery Support", and "Recovery Support". A red circle highlights the "Recovery Support" column on the right side of the table.

RECOVERY *Overview*

Relapse among individuals who receive treatment is a major concern for local community substance use care systems.

Knowing the nature of the community recovery support helps to determine how and if resources need to be allocated to support those in recovery to reduce risk of relapse.

CAST data collection suggestions for recovery supports are a mixture of secondary data sources collected by SAMHSA, website location aggregation sites, and local snowball sampling. All data collection efforts are likely to be necessary, as recovery supports can be provided by a broad range of organizations and individuals.

CAST RECOVERY

Calculations of Regional Need for Behavioral Health Care Services

Components	Definition and Units of Measurement	Maximum Community Need	Program Usage Rate	Adjusted community need	Observed Community Total	Estimated Need
<i>Recovery Support</i>						
Religious or spiritual advisors for those who have been involved with treatment in the past 5 years	Individual, religious or spiritual professionals providing substance abuse therapy and counseling	361	11%	40	0	-40
12-step groups for those who have been involved with treatment in the past 5 years	Number of substance abuse support groups offered weekly	98	30%	29	16	-13
Transportation for those receiving treatment	Average week of transportation services (people)	25550	14%	3577		-3577
Employment support for those receiving treatment	Number of programs offered by each responding or reported group	159	5%	9	10	1
Educational support for those who have completed treatment in the past 3 years	Number of programs offered by each responding group	23	14%	3	4	1
Parenting education for individuals with a use disorder	Number of programs offered by each responding group	634	7%	41	3	-38
Housing Assistance	Recovery or transitional housing (leaving long-term treatment in need of housing)	190	7%	13		-13
Insurance Assistance	Individual professionals who provide insurance enrollment support	50	43%	21	10	-11



■ NEXT STEPS



Cochise County CAST Report



**Network
Adequacy
Review**



**Key
Informant
Interviews**



**Resource
Guide &
Mapping**

C o c h i s e C o u n t y C A S T

QUESTIONS?