

2020 Fairfield County Profile & Needs Assessment

(with Fairfield Behavioral Health Services (FBHS) outcomes)

ALCOHOL

2020 South Carolina County-Level Profile on Substance Use-Related Indicators Rank 1 - 46 = worst to best

- There were 100.22 *DUI Crashes* per 100,000 individuals in Fairfield County in 2019, which places it as the 30th highest number of DUI Crashes by county in the state. A reduction from the 102.04 in the 2018.
- 2nd worst *Alcohol- Related Hospitalizations* with a 1740.73 hospitalizations per 100,000 individuals in 2019 resulting in 26% increase in 2019 from 2018.

2020 County Health Ranking and Roadmaps

- 13% *excessive driving* rate vs 17% for the state
- 36% *alcohol-impaired driving deaths* rate vs 33% for the state

FISCAL YEAR 20 DAODAS Outcome Data (based on 241 Discharges)

- Primary & Secondary Diagnosis: Alcohol 59% (143) vs State 61%

FBHS FY20 COI Report

- 9 clients participated in Medication Assisted Treatment for alcohol addiction

DAODAS ADSAP TRENDS FY20 Report

- FBHS had 100% (56) clients, *the highest percentage* participate ADSAP outpatient treatment verse ADSAP PRI (*education only*) compared to 43% (3388) for the State
- FBHS had 0 clients in ADSAP PRI for FY20 and FY21 as of 2/28/21

MARIJUANA

2020 South Carolina County-Level Profile on Substance Use-Related Indicators Rank 1 - 46 = worst to best

- No data included in this profile.

FISCAL YEAR 20 DAODAS Outcome Data (based on 241 Discharges)

- Primary & Secondary Diagnosis: Marijuana 51% (119) vs State 51%

SC Communities That Care (CTC) 2020 Survey – Fairfield County

- 77.5% (288) 9th – 12th grades reported they never using marijuana
- 50.8% (187) 9th – 12th grades reported said it was “*very easy or sort of easy*” to get marijuana
- 49.4% (190) 9th – 12th grades reported seeing a “*moderate risk or great risk*” from marijuana use
- 81.4% (307) 9th – 12th grades reported “*parental disapproval*” marijuana use
- 51.6% (200) 9th – 12th grades reported “*peer disapproval*” marijuana use
-

FBHS FY20 COI Report

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OPIOIDS

2020 County-Level Profile on Substance Use-Related Indicators Rank 1 - 46 = worst to best

- 1st worst county in the state for *EMS Naloxone Administrations* despite a 26% decrease in 2019 of 335.62 per 100,000 from 455.32 in 2018.
- 22nd worst *Opioid Prescriptions Dispensed* in 2019 despite a slight decrease of 4% from 2018.
- 30th best county in the state for *Opioid-Involved Overdose Deaths* in the face of a disappointing increase from 0 in 2018 to 9.31 in 2019.
- 21st worst *Opioid-Related Hospitalizations* with an alarming 51% increase from 145.30 in 2018 to 219.27 in 2019.

Just Plain Killers website

- a low number of *deaths* from 1 in 2014 to 2 in 2019
- the number of county *EMS Opioid Overdose Reversals* which increased by 50% from 2015 to 2019 but decreased by 26% from 2018 to 2019.

SC Communities That Care (CTC) 2020 Survey – Fairfield County

- 94.4% (355) 9th – 12th grades reported they never used prescription pain relievers;
- 98% (350) 9th – 12th grades reported they never used heroin or fentanyl.
- 89.5% (327) 9th – 12th grades said that it was *sort of hard or very hard* to obtain heroin or fentanyl;
- 75% (276) for pain relievers;
- 85.2% (322) 9th – 12th grades reported seeing a “*moderate risk or great risk*” from prescription pain reliever misuse

FISCAL YEAR 20 DAODAS Outcome Data (based on 241 Discharges)

- Primary & Secondary Diagnosis: Opiates 10% (23) vs 23%, a 22% increase for FBHS from FY19 with 10 clients diagnosed making up only 5% of FBHS clients served.

FBHS FY20 COI Report

- 146 clients/caregivers/citizens participated in the Opioid Education & Narcan Distribution Training [98 (67%) received Narcan to prevent opioid overdose];
- 125 clients participated in Peer Support Services;
- 23 clients were admitted into Medication Assisted Treatment (MAT) for opioid addiction which is a 109% increase from FY19 (11).
- 74% (26/35) of the MAT clients were *uninsured* compared to 84% (27/32) *uninsured* MAT clients as of February FY21.[*Carelogic Service History Billing by MAT Physician*]

Fairfield Opioid Response Team (FY21) – SOR Prevention 2 Grant

6 opioid related deaths 1/1/20 – 12/31/20, 200% (4) more than reported in 2019 from Just Plain Killers website; See below.

ODMAP Data 1/1/20 – 12/31/20 Fairfield Opioid Response Team SOR Prevention 2 Grant

Non-Fatal (34):

- 19 (56%) Single Dose Naloxone Administered
- 11 (32%) Multiple Doses Naloxone Administered
- 4 (12%) Naloxone NOT Administered

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- 50% (17) Male & 50% (17) Female
- **Top 5 drugs used:** Heroin (8), Rx drugs (6), Oxycodone (5), Fentanyl (4) and Methamphetamine (4)

Fatal (9):

- 8 Fatal – Naloxone NOT Administered
- 1 Fatal Naloxone Administered (Single Dose)
- 0 Multiple Doses Naloxone Administered
- 56% (5) Male & 44% (4) Female
- **Top 5 drugs used:** Fentanyl (5), Methamphetamine (3), Carfentanyl, Acetyl-Fentanyl and Cocaine

COCAINE AND OTHER STIMULANT

2020 South Carolina County-Level Profile on Substance Use-Related Indicators Rank 1 - 46 = worst to best: Cocaine and Stimulant Use in SC Supplemental County-Level Data Report

- 5th lowest burden for *cocaine use* in SC
- 1st lowest burden for *stimulant use* in SC
- 33.3% increase in *cocaine use* from 2016 to 2019
- 50% decrease in *stimulant use* from 2016 to 2019

SC Communities That Care (CTC) 2020 Survey – Fairfield County

- 98.1% (377) 9th – 12th grades reported they never used cocaine;
- 87.4% (321) 9th – 12th grades reported they never used other illicit drugs;

FISCAL YEAR 20 DAODAS Outcome Data (based on 241 Discharges)

- Primary & Secondary Diagnosis: Amphetamines 8% (19) vs 18%;
- Injection Use 1% (2)

Fairfield County Sheriff Department

A combined look and rough estimate of the **2019 & 2020 Drug Seizure Numbers**, **Table #2** also shows the need for education, mapping, and tracking strategies that will be detailed further in this grant. Moreover, the Sheriff Department seized roughly 1,300 dosage units of Pills (*Amphetamines (Adderall, etc...), Ecstasy (MDMA), Methadone, Suboxone, Morphine, Hydrocodone, Percocet, etc....*).

INFECTIOUS DISEASE

2020 South Carolina County-Level Profile on Substance Use-Related Indicators Rank 1 - 46 = worst to best

- 36th best county in the state for *HIV Incidence*
- 3rd worst county in the state for *Syphilis Incidence*
- 20th worst *Chlamydia Incidence*
- 14th worst *Gonorrhea Incidence*

2020 County Health Ranking and Roadmaps

- 756.4 STIs vs 641.6 for the state

NICOTINE

2020 South Carolina County-Level Profile on Substance Use-Related Indicators Rank 1 - 46 = worst to best

- 8th worst *County Authority Client Smoking Status* from 61.00 per 100,000 in 2018 to 63.20 in 2019

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- resulting in a 4% increase.
- 15th worst *Nicotine-Related Hospitalizations* from 11,069.04 per 100,000 in 2018 to 11,648.10 in 2019 resulting in a 5% increase.

2020 County Health Ranking and Roadmaps

- 19% *adults smoking* vs 19% for the state.

FISCAL YEAR 20 DAODAS Outcome Data (based on 241 Discharges)

- Primary & Secondary Diagnosis: Tobacco 56% (136) vs 34%

Other Factors Contributing to Substance Use

In addition to the direct substance use measures, there are numerous factors that indirectly affects and can lead to substance use/misuse. **Below are a limited number of these factors.**

Percent Uninsured (2020 County Health Rankings and Roadmaps)

Fairfield has a low rate of 12% of its population (under the age of 65) *without* health insurance considering the statewide rating of 20.4% to 11% from highest to lowest.

Additionally, the County Health Ranking indicates that Fairfield is ranked

- 38th for Length of Life with 45% or 3900 more premature deaths in Fairfield than in the State;
- 36th for Quality of Life (*poor health/physical health days/mental health days/low birthweight*);
- 37th for Health Behaviors (*adult smoking/obesity/food environment/physical inactivity/excessive drinking/alcohol-impaired deaths/STIs/teen births*) with 36% or 3 percentage points more for alcohol-impaired driving deaths in Fairfield than in the state and 18% or 114.80 more STIs respectively; and
- 39th for Social & Economic Factors (*high school graduation/some college/unemployment/children in poverty/income inequality/single parent households*)

Crime Index Rate (2019 SC State Law Enforcement Division)

Fairfield Crime Rate Index (number of crimes per 10,000 population) in 2019 rated high at 330.25 considering the statewide rating of 24.21 to 562.92 from lowest to highest.

2020 South Carolina Child Well-Being Data Profile FAIRFIELD COUNTY (4330 children under 18 years of age)

- Fairfield rank 38th worst county in the state for *child well being*;
- 44th for *Health* while ranking 40th (14.9) for *infant mortality* and 46th (403.9) for *teen deaths* ages 15-19 in 2018;
- 33rd for *Family and Community* while ranking 43rd (63.1%) for children living in single parent families 32nd (15%) for families where householder lacks a high school diploma and 37th (24.4%) for children living in concentrated areas of poverty

Rural Designation (2017 SC Rural Health Action Plan, link to full document: https://scorh.net/wp-content/uploads/2019/04/RHAPFINALwebquality_11.9.17.pdf)

Fairfield is designated as a rural according to the *2017 SC Rural Health Action Plan* developed by the SC Office of Rural Health.

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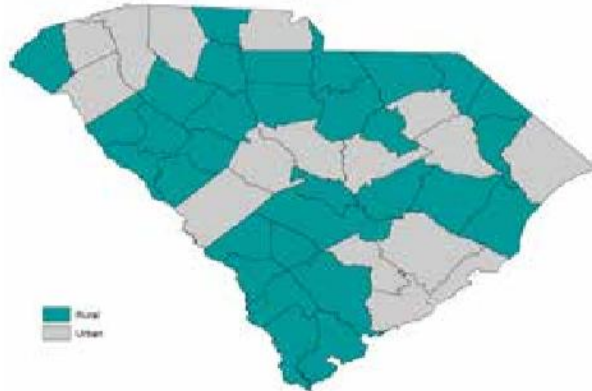
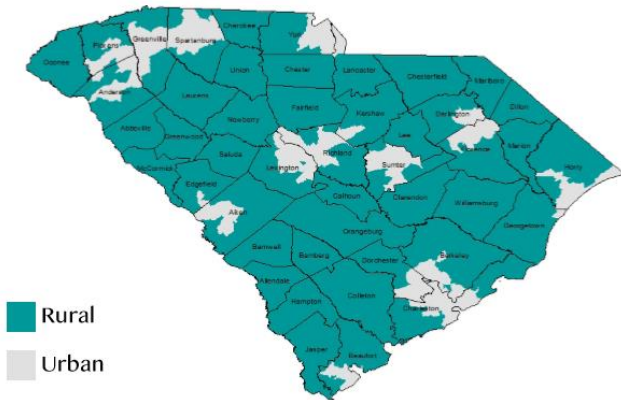
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Rural Definition by Census Tract

Rural Definition by County



FBHS FY20 Outcomes

FY20 Continuous Quality Improvement Report

- **249** (83% of goal met) students completed four (4) evidence-based programs with
- **62** students completing *Keepin' It REAL*;
- *Botvin's Life Skills* **94** completed;
- **72** completed *Project Toward No Drugs*;
- **19** completing the *Strengthening Families Program*;
- 93 enrollees for evidenced based programs could not continue due to the COVID19 pandemic and closure of school;
- **2649** (181% of goal met) individuals participated in single service prevention activities for combined total of **2898** in FY20

Beyond the numbers, FY20 program results revealed

- ✓ positive increases in **perceived risk****, **favorable attitudes**, **perceived peer norms**, and **perceived parental attitudes** for *Keepin It REAL* (5th);
- ✓ positive increases in **perceived risk and decision making**; **decrease in the number of binge drinkers** for *Life Skills* (3rd – 9th);
- ✓ positive increases in **perceived risk**, **perceived peer norms**;
- ✓ **decrease in the number of prescription pain pill** for *Project Towards No Drug Use*;
- ✓ approx. 65% of students in 3rd – 9th grades **talk to their parents about the dangers of drugs**; and
- ✓ very high percentage of youth who **remained non-drug users from pre-test to post-test**

FBHS FY20 CQI Year End Report shows 362 Clients Served 118 (33%) Females and 244 (67%) Males; Clients' race makeup consisted of the following: 226 (62%) Black/AA, 134 (37%) White and 2 (1%) Hispanic.

2020 FISCAL YEAR DAODAS Outcome Data based on Discharges,

- FBHS had 241 discharges;
- **42% (101)** clients *Successfully Completed Treatment* vs State's 43%;

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- **154 (65%)** clients had *NO Prior Treatment* vs State's 49%;
- **92% (213)** clients' *Length of Stay (121 days or more)* while participating in *General Outpatient Treatment* compared to the state average of 55% (***Fairfield had the highest percentage in the state***);
- **100% (4)** clients' *Length of Stay (121 days or more)* while participating in *Intervention* compared to the state average of 38% (***Fairfield was 1 of 2 counties with the highest percentage in the state***);
- **2% (4)** pregnant females;
- **53% (127)** referred from criminal justice; **20% (48)** from DSS; **14% (34)** Self;

FY20 Past 30 Day:

- *Employment:* **44%** at discharge vs State 45%;
- *Alcohol Use:* **0%** at discharge vs State 6%;
- *Subs. Use:* **0%** at discharge vs State 6%; and
- *Arrested* **0%** at discharge vs. State 1%

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