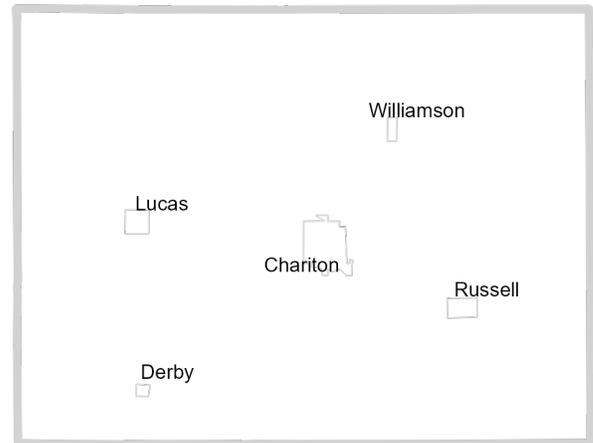
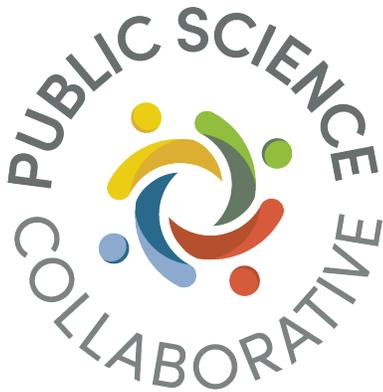


# Recovery Readiness Assessment: Lucas County

*June, 2025*



## Lucas County



**Report provided to the Iowa Department of  
Health and Human Services**

This project is supported by State Opioid Response funds through the Iowa Department of Health and Human Services, Bureau of Substance Use (IowaHHS) via a subaward from the Substance Abuse and Mental Health Services Administration (SAMHSA) of the U.S. Department of Health and Human Services (HHS). The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement by, IowaHHS, SAMHSA/HHS, or the U.S. Government.

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## Executive Summary

Iowa State University's Public Science Collaborative<sup>1</sup> (PSC) created Recovery Readiness Assessments for 300 communities, 99 counties, and Iowa's seven new behavioral health districts in Iowa (2025). The community, county and district Recovery Readiness Assessments are updated annually. The reports are commissioned by the Iowa Department of Health and Human Services to support the expansion of substance use recovery services across the state. Use this report:

1. To learn about Iowa's recovery movement and resource options
2. As a reference guide for recovery resources by community, county, and behavioral health district
3. To strengthen networks and build coalitions among communities high and low in recovery resources, organizing around community assets and services
4. As a tool to allocate funding to your at-risk neighborhoods and develop recovery-oriented services

This report examines recovery resources in Lucas County, which is part of Iowa's Behavioral Health District 5 (see Figure 1). Lucas County has a population of 8,700, and its largest city is Chariton.

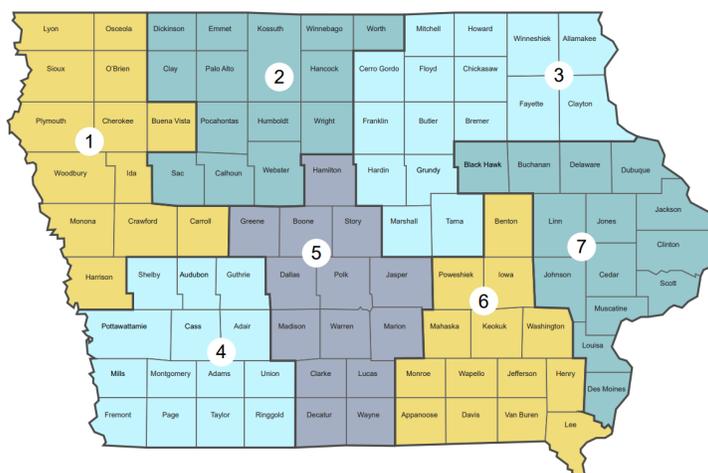


Figure 1: Iowa's Behavioral Health Districts (Source: Iowa HHS)

The following pages define recovery, recovery-oriented services, and recovery-ready communities. We evaluate Lucas County's recovery resources to identify both strong recovery neighborhoods and areas with growth potential, using SAMHSA's recovery categories and the CDC's social determinants of health framework.

Our report also includes:

- **Substance use vulnerability maps** by drug type—such as opioids, methamphetamine, heroin, alcohol, cannabis, cocaine, and benzodiazepines—help identify prevalent recovery needs, guide resource allocation, and inform event planning in at-risk neighborhoods.
- **Social determinants of health maps** to explore overall health vulnerabilities and help local stakeholders understand neighborhoods that could use extra support, resources, and investments to improve the health and well-being of community members.

These reports can be combined with PSC's Health Snapshot Series<sup>2</sup> to give an overall view of health and recovery in Iowa counties and communities.

For additional questions or information about this report, the data tools described, or the Public Science Collaborative, please reach out to the principal investigators of this study, Dr. Shawn Dorius at [sdorius@iastate.edu](mailto:sdorius@iastate.edu), or Dr. Kelsey Van Selous, MSW, LCSW at [kvansel@iastate.edu](mailto:kvansel@iastate.edu).

<sup>1</sup><https://publicsciencecollaborative.org/>

<sup>2</sup><https://publicsciencecollaborative.org/research-project/iowas-health-snapshot-series/>

## What is Recovery?

The Iowa Department of Health and Human Services and the Substance Abuse and Mental Health Services Administration (SAMHSA) define recovery as follows:

*“A process of change through which individuals improve their health and wellness, live a self-directed life, and strive to reach their full potential.”*

A second useful definition of recovery, which shaped the PSC approach to recovery community readiness, was created by Bill White:

*“Recovery is the experience through which individuals, families, and communities impacted by severe alcohol and other drug (AOD) problems utilize internal and external resources to voluntarily resolve these problems, heal the wounds inflicted by AOD-related problems, actively manage their continued vulnerability to such problems, and develop a healthy, productive, and meaningful life.”*

Common to both definitions is that recovery is not a state or moment in life, but a process of moving toward better health in an actively managed and self-directed way. Recovery takes time and often involves not just the individual, but family and community. For this reason, the external resources noted in the White definition are what motivate our emphasis on recovery-ready communities. Resources outside of the individual, including housing, transportation, recreation, and schools, can promote early recovery, as well as longer and more stable recovery. Identifying resources that support long-term recovery can help identify towns and cities rich in these recovery tools. This, in turn, enables more effective development of new community-based recovery organizations.

### Peer Support

Peer support can take different forms, but it is often vital for supporting recovery in a community. Simply, peer support consists of people in recovery using their own experiences to support others in recovery who might have similar experiences. Peer support may include referring people in recovery to resources, being a model for how to recover, and being a general resource for helping someone reach and maintain their own recovery.

A common form of peer support is mutual aid meetings, such as Alcoholics Anonymous or Narcotics Anonymous, where people in recovery meet in groups and have a safe setting to discuss their own recovery and support others.

There are also one-on-one opportunities for peer support. In these settings, trained specialists and coaches who have lived experience can give customized support to individuals with a similar substance use or recovery experience. These kinds of peer support include:

- **Peer Support Specialists (PSS):** people currently living well in recovery from a serious mental illness or substance use. They provide support and hope through their own recovery experiences and provide other useful information for the people they work with.
- **Family Peer Support Specialists (FSS):** specialists trained to specifically work with families and have their own experiences caring for children with behavioral health needs. FSS can give feedback that is designed and intended for parents and children, including helping families navigate support systems for children.
- **Recovery Coaches (RC):** people in recovery from a substance use disorder, or are a family member of a person in recovery from a substance use disorder. They are able to offer their own perspectives and experiences with recovery that can help a peer to stay engaged in their recovery.

Take a look at the “What are the Peer Support Resources in Your Communities?” section of this report to learn more about what resources your community already has, and where there is opportunity to expand resources. To learn more about types of peer support and training opportunities, you can also go to the [University of Iowa Peer Workforce Collaborative](https://iowapeersupport.sites.uiowa.edu/)<sup>3</sup>.

### Community-Based Recovery Organizations

Recovery organizations help people who are recovering from substance use disorders. They take various shapes, but they all aim to support individuals. They offer services and resources to help people stay in recovery, enhance their health, and reintegrate into society.

<sup>3</sup><https://iowapeersupport.sites.uiowa.edu/>

Most community-based recovery organizations will offer some form of peer support. This may include peer support specialists, recovery coaches, or mutual aid meetings, and a range of activities and services to grow community and connection among people in recovery. These organizations provide a substance-free environment where all are welcome. People in recovery can receive guidance in daily activities such as finding stable housing, a job, or volunteer opportunities. They might also offer recreation and social groups, or linkages to legal support.

A few of the most well-known recovery organizations include:

- **Recovery Community Centers:** These centers are free, universal access physical spaces that offer a variety of services to support individuals in recovery. A typical recovery community center will host mutual aid meetings, maintain a network of local recovery coaches, engage in community advocacy for people in recovery, and coordinate connections to general resources for recoverees. They will also coordinate with first responders, parole officers, and emergency departments to support people with substance use disorders.
- **Recovery Cafes:** These community spaces bring people in recovery together, providing a space to socialize with other people in recovery, support one another, and engage in service. Cafes often provide free hot meals, beverages, and other basic needs to support people in recovery. They might also offer peer support and other activities in a welcoming, substance-free environment. The [Recovery Café Network](https://recoverycafenetwork.org/)<sup>4</sup> is a good starting place to learn more.
- **Recovery Houses:** These are safe, substance-free living environments that support people in recovery from substance use disorders. Most recovery houses provide a structured and supportive community where residents can focus on their recovery journey and live among other people in recovery. Oxford Houses are among the most well-known recovery residences.
- **Recovery High Schools and Collegiate Recovery Programs:** These educational institutions provide a supportive environment for students in recovery, helping them succeed academi-

cally while maintaining their sobriety. They do this in a similar way as community centers and cafes, by offering peer support, community, and recovery-focused activities, but focused on student needs.

## Recovery Readiness

Resources such as peer support and community-based recovery organizations help promote recovery readiness in a community. However, a recovery-ready community also has other recovery and community resources that provide supports across prevention, treatment, and long-term recovery.

Key elements are:

- Accessible healthcare
- Peer support networks
- Educational and job opportunities
- Harm reduction services
- Anti-stigma initiatives
- A sense of purpose

A recovery-ready community unites members, institutions, and policymakers, working together towards a common goal. This approach helps promote lasting recovery and overall well-being.

In Iowa, a recovery-ready community provides multiple recovery pathways. It meets the needs of those in recovery through a vibrant recovery culture and it is well-coordinated across both formal and informal systems of care.

## How can this guide improve recovery readiness?

This report is intended to help communities, recovery organizations, treatment providers, and other local organizations and coalitions evaluate their own recovery readiness. It helps identify the resources that communities already have, resource areas that are lacking, and where are populations with a high risk of substance use or poor general health. We hope that readers will use this information to learn about their counties and communities and develop strategies for increasing access to recovery resources and ensuring that people in recovery are connected to those resources to best support their own paths to recovery.

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<sup>4</sup><https://recoverycafenetwork.org/>

## Is Your Community Recovery Ready?

We consulted scientific literature on substance use recovery and engaged key stakeholders, including people in recovery and individuals from around the country and in Iowa who work directly with recoverees. From these efforts, we identify 24 categories of community-based recovery resources and services. Collecting all of that data for each of Iowa’s cities and towns yielded a total of nearly 40,000 community resources that support recovery. We mapped and analyzed these resources to identify a short list of ‘Recovery Ready’ communities across the state, culminating in the first-of-its-kind index: The Recovery Ready Community Index (RRCI).

The RRCI is comprised of three components: total number of resources, total resources per 10,000 population, and total mutual aid meetings per 10,000 population (the first two categories include all resources except mutual aid meetings). A community’s overall RRCI score is calculated by taking the average of the components’ percentile ranks among all Iowa communities. For instance, the community with the most resources has a total resources percentile score of 100 (meaning the community has more resources than 100% of counties), while the one with the fewest has a score of 0.

The Public Science Collaborative designed and created a public-facing, [interactive dashboard](#)<sup>5</sup> that allows people to further explore the RRCI, compare recovery readiness scores, and evaluate communities.

Table 1 shows all of the cities with at least 1,000 people in Lucas County. Among this group, Chariton has the highest RRCI score, indicating that it is a community that may be well-suited to support a recovery community organization, due to its strong number recovery resources. We also looked at communities in comparison to other cities of similar sizes, seen in the “Pop. Group Rank” column, for a comparison of cities that might be expected to have similar quantities of resources. When looking at these cities in comparison to their population groups, Chariton are among the top half of their comparison population groups.

Table 1: Recovery Ready Community Index in Lucas County

City	Population	Pop. Group Rank	RRCI	Resource Abundance-Absolute	Resource Abundance-Relative	Recovery Culture
Chariton	4,235	1 (out of 103)	80.9	73	172.4	9.4

<sup>5</sup><https://publicsciencecollaborative.shinyapps.io/RRCI/>

Another way to look at recovery readiness is in the context of Iowa's new behavioral health districts, which manage treatment and recovery services in counties across the district. Lucas County is located in district 5, which has 14 counties, as shown in Table 2. Lucas County falls in 3rd place in terms of the RRCI in the district. The following pages have maps showing the RRCI and its component measures across behavioral health district 5.

Each county is also put into a comparison group of similar counties, including metropolitan core counties (such as Polk or Linn), metropolitan non-core counties (suburban or exurban counties), micropolitan counties (such as Cerro Gordo and Marshall), and rural counties. Lucas County is in the Rural group of counties, and ranks 18th out of 63 Iowa counties in the group.

Table 2: Recovery Ready Community Index in Behavioral Health District 5 Counties

County	Pop. Group	Pop. Group Rank	RRCI	Resource Abundance-Absolute	Resource Abundance-Relative	Recovery Culture
Polk	Metropolitan Core	5 (out of 9)	59.9	2697	54.2	4.6
<b>Lucas</b>	Rural	17.5 (out of 63)	59.2	94	108.2	4.6
Marion	Micropolitan	11 (out of 15)	54.1	285	84.9	2.7
Boone	Rural	30.5 (out of 63)	46.9	196	73.5	3.0
Story	Metropolitan Core	9 (out of 9)	45.6	567	57.5	2.6
Madison	Metropolitan Non-Core	7 (out of 12)	44.6	128	76.4	3.6
Dallas	Metropolitan Non-Core	8 (out of 12)	43.5	486	46.7	2.6
Greene	Rural	35 (out of 63)	43.5	78	89.4	4.6
Decatur	Rural	38 (out of 63)	41.8	97	126.5	1.3
Wayne	Rural	47 (out of 63)	37.4	74	113.5	1.5
Warren	Metropolitan Non-Core	10 (out of 12)	33.7	332	62.1	0.9
Clarke	Rural	52 (out of 63)	33.7	93	96.0	2.1
Jasper	Metropolitan Non-Core	11 (out of 12)	33.3	254	67.1	1.3
Hamilton	Rural	57 (out of 63)	28.6	127	85.3	1.3

# Community Recovery Readiness

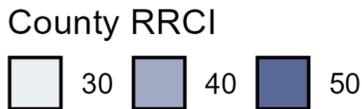
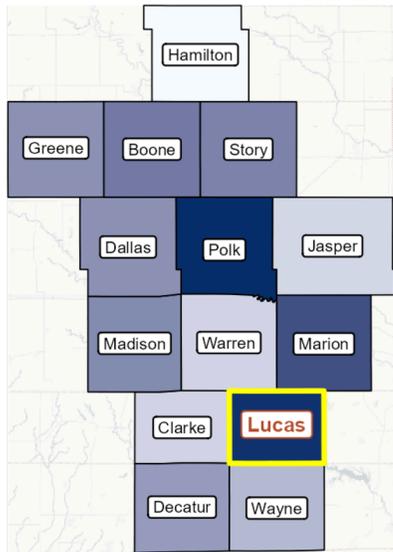


Figure 2: Recovery Ready Community Index in Lucas County

Figure 2 shows community recovery readiness in behavioral health district 5 with a visualization of the Recovery Ready Community Index. The darker blues represent counties with higher RRCI scores, while the lighter blues and whites show counties with lower RRCI scores. Lucas County is highlighted with a yellow outline and bold label.

In district 5, Lucas County’s RRCI score ranks 3rd. Among cities with at least 1,000 people in Lucas County, Chariton has the highest RRCI score, while Chariton has the lowest.

Figure 3 shows Absolute Resource Abundance, or the number of total recovery resources. In behavioral health district 5, Lucas County has the 10th highest number of total recovery resources. In Lucas County cities of at least 1,000 people, Chariton has the most recovery resources.

# Recovery Resources-Absolute

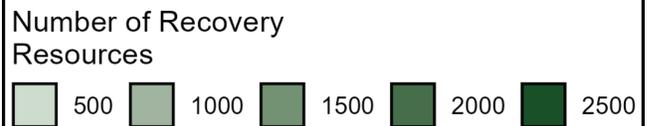
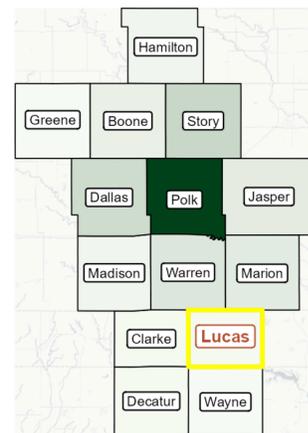


Figure 3: Recovery Resources in Lucas County

## Recovery Resources-Relative

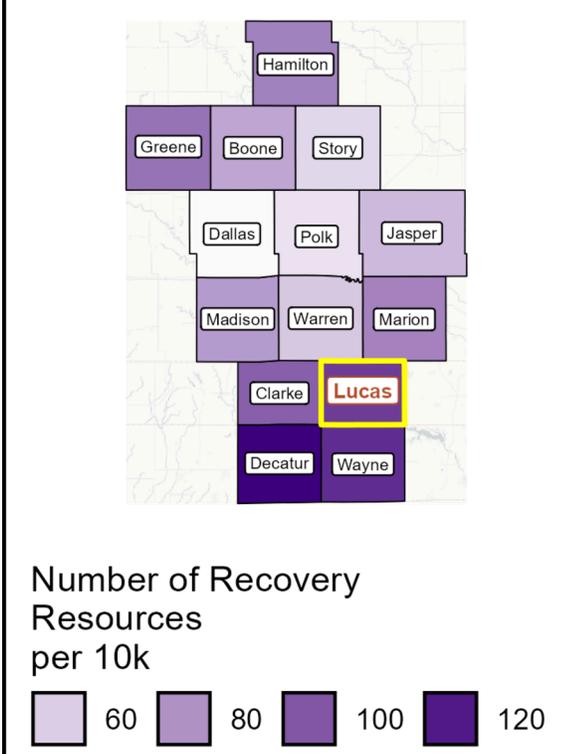


Figure 4: Recovery Resources per 10k in Lucas County

Figure 4 shows number of recovery resources per 10,000 population, or the Relative Resource Abundance. Adjusting for population creates a more accurate comparison for smaller communities that may have fewer people, but have stronger resource access for that population.

Lucas County ranks 3rd among the counties in district 5 for number of relative resource abundance. Among the cities in the county with at least 1,000 people, Chariton has the highest number of recovery resources per 10,000 population, while Chariton has the lowest.

Figure 5 shows number of mutual aid meetings per 10,000 population, or the Recovery Culture. A community with a strong recovery culture already has community members working and collaborating in the recovery space.

Among counties in behavioral health district 5, Lucas County has the 8th highest number of mutual aid meetings per 10,000 people. Within Lucas County, Chariton is the city of 1,000+ people with the largest recovery culture, while Chariton has the lowest.

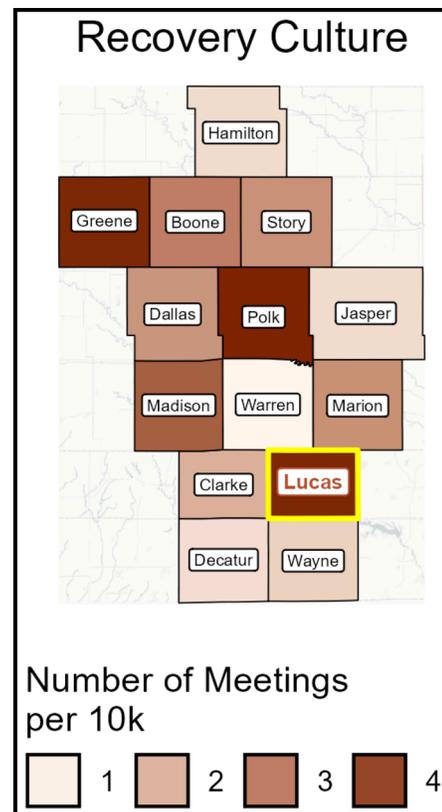


Figure 5: Mutual Aid Meetings per 10k in Lucas County

# What Resources Does Your Community Have?

## SAMHSA Dimensions of Recovery Resources

As defined by SAMHSA, recovery is “A process of change through which individuals improve their health and wellness, live self-directed lives, and strive to reach their full potential.” Because recovery is holistic and can look different for everybody, the SAMHSA Dimensions of Recovery listed below help identify the different aspects of life that impact recovery and the different resources that are useful in supporting recovery. Table 3 identifies resources in Lucas County that fit into each of those dimensions of recovery.

The SAMHSA Dimensions of Recovery include ([Click here for more information](#)<sup>6</sup>):

- **Community** (Peer Support–Specialists and Coaches, Recovery Organizations–Community and Collegiate, Mutual Aid Meetings, Libraries, Parks and Playgrounds, Lakes and Beaches, Trails, Sports Facilities)
- **Health** (Access Centers, Drug Drop Off Sites, Hospitals and Clinics, MAT Sites, Mental & Behavioral Health Centers, SUD and Gambling Treatment Centers, YMCA Gyms)
- **Home** (Childcare Providers, Recovery Housing, Section Eight Housing, Shelters, Intimate Partner Violence Programs)
- **Purpose** (Workforce Development Offices, Colleges and Universities, K-12 Schools, Places of Worship)

Table 3: SAMHSA Dimensions of Health Resources in Lucas County Cities

City	Community	Health	Home	Purpose
Chariton	38	4	7	28

<sup>6</sup><https://library.samhsa.gov/sites/default/files/pep12-recdef.pdf>

## Social Determinants of Health Recovery Resources

The Social Determinants of Health is an established framework for thinking about the conditions of a person’s life that contribute to their overall well-being. For example, a family living in an area with few resources, like childcare and parks, may be more likely to face other challenges as a result. For instance, they may deal with higher transportation costs to take their child to childcare, which can add stress to their finances. These maps can also be used in conjunction with the population data in the next section to help identify at-risk populations and neighborhoods. Neighborhoods with health and substance use vulnerabilities may need greater access to specific supporting resources. Table 4 shows communities in the county and their resources among categories within the Social Determinants of Health.

The SDOH categories include ([Click here for more information](#)<sup>7</sup>):

- **Health Care Access and Quality** (Access Centers, Drug Drop Off Sites, Hospitals and Clinics, MAT Sites, Mental & Behavioral Health Centers, SUD and Gambling Treatment Centers)
- **Social and Community Context** (Peer Support–Specialists and Coaches, Recovery Organizations–Community and Collegiate, Intimate Partner Violence Programs, Mutual Aid Meetings, Places of Worship)
- **Neighborhood and Built Environment** (Libraries, Parks and Playgrounds, YMCA Gyms, Lakes and Beaches, Trails, Sports Facilities)
- **Education Access and Quality** (Colleges and Universities, K-12 Schools)
- **Economic Stability** (Childcare Providers, Recovery Housing, Section Eight Housing, Shelters, Workforce Development Offices)

Table 4: Social Determinants of Health Resources in Lucas County Cities

City	Economic Stability	Education Access & Quality	Healthcare Access & Quality	Neighborhood & Built Environment	Social & Community Context
Chariton	7	4	4	34	28

<sup>7</sup><https://health.gov/healthypeople/priority-areas/social-determinants-health>

## Peer Support Providers

Peer support is an important kind of specialized support for people in recovery. Peer Support Providers include organizations that have trained staff members to provide specialized peer support. Some of these trained positions include peer support specialists, peer recovery coaches, and family peer support specialists. The “What is Recovery?” section at the beginning of this report has more information about each. All types of peer support are intended to provide individualized support through one-on-one meetings with people who have similar lived experience and are in recovery themselves. The [University of Iowa’s Peer Workforce Collaborative<sup>8</sup>](https://iowapeersupport.sites.uiowa.edu/) has more information about different types of peer support specialists and how people in recovery can themselves become peer support specialists.

Table 5 shows peer support provider organizations in behavioral health district 5. Organizations located in Lucas County cities are listed first and highlighted in bold.

Table 5: Peer Support Providers in Behavioral Health District 5

<b>City</b>	<b>Organization</b>	<b>Family Peer Support Specialists</b>	<b>Peer Recovery Coaches</b>	<b>Peer Support Specialists</b>	<b>Other</b>
Ames	Community and Family Resources	0	1	0	0
Ames	Eyerly Ball	0	0	1	0
Ames	NAMI Central Iowa	0	0	1	0
Ames	YSS	1	0	0	0
Ankeny	Four Oaks	1	0	0	0
Boone	Central Iowa Recovery	0	0	1	0
Des Moines	Broadlawns Medical Center	0	0	2	0
Des Moines	Central Iowa Center for Independent Living	0	0	1	0
Des Moines	Child Health Specialty Clinics (CHSC)	1	0	0	0
Des Moines	Community Support Advocates	0	0	1	0
Des Moines	Community and Family Resources	0	1	0	0
Des Moines	Easterseals Iowa	1	0	0	0
Des Moines	Eyerly Ball	0	0	5	0
Des Moines	Full Circle Recovery Community Center	0	1	0	0
Des Moines	Iowa Harm Reduction Coalition	0	0	1	0
Des Moines	MercyOne	0	1	0	0
Des Moines	NAMI Iowa	0	0	1	0
Des Moines	NAMI Iowa - Office of Recovery Services	0	0	1	0
Des Moines	Orchard Place	1	0	0	0

<sup>8</sup><https://iowapeersupport.sites.uiowa.edu/>

City	Organization	Family Peer Support Specialists	Peer Recovery Coaches	Peer Support Specialists	Other
Des Moines	Primary Health Care Homeless Support Services	0	0	2	0
Des Moines	Veterans Administration	0	0	1	0
Des Moines	Wellpoint (formerly Amerigroup)	0	0	0	1
Indianola	Central Iowa Recovery	0	0	1	0
Indianola	MercyOne	0	1	0	0
Johnston	Ellipsis	1	0	0	0
Johnston	Outside The Box	0	0	0	1
Knoxville	Inside Out Wellness & Advocacy	0	1	0	0
Knoxville	Resources for Human Development	0	0	1	0
Newton	Capstone Behavioral Health	1	0	2	0
Newton	MercyOne	0	1	0	0
Osceola	Crossroads Behavioral Health Services	1	0	1	0
Perry	Inside Out Wellness & Advocacy	0	1	0	0
Pleasant Hill	Thrive Now Recovery Center	0	1	0	0
Urbandale	Mosaic Haven, LLC	1	0	0	0
Webster City	Central Iowa Recovery	0	0	1	0
West Des Moines	Community Support Advocates	1	0	2	0
West Des Moines	Stepping Stone Family Services	1	0	0	0
West Des Moines	UCS Healthcare	0	1	0	0
Winterset	Crossroads Behavioral Health Services	1	0	1	0
Woodward	Inside Out Wellness & Advocacy	0	1	0	0

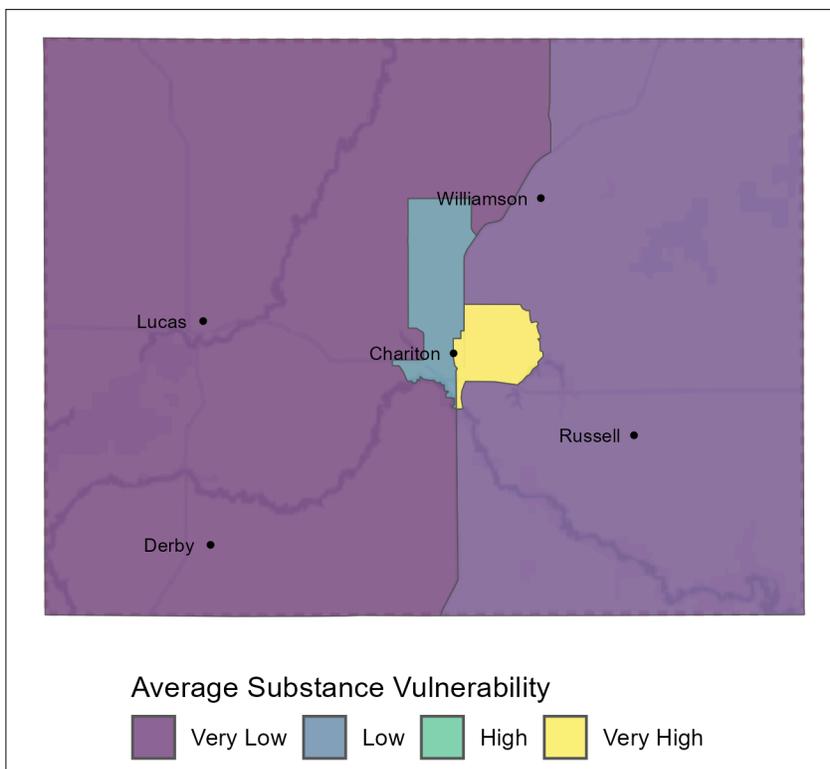
# Which Neighborhoods in Your Community Need Additional Health Resources and Support?

## Substance Use Vulnerability

The Public Science Collaborative has developed data resources to help community organizations, local governments, and public health practitioners allocate resources more effectively for substance use prevention, treatment, and recovery interventions to the places in greatest need. Geographic 'hot spots' identify places where local residents are at exceptionally high risk for substance use disorder. We used data from two sources, the Treatment Episode Admissions Datasets (TEDS-A) and the National Survey of Drug Use and Health (NSDUH) to uncover links between substance misuse and socio-demographic factors. The maps below use Census Bureau estimates of those same neighborhood characteristics by census tract. They display indexes for each substance, identifying areas that have the characteristics of vulnerable populations. These spots need focused resources to reduce health inequities. You can explore the maps interactively and learn more about the underlying models on PSC's [dashboard for substance use vulnerability](https://publicsciencecollaborative.shinyapps.io/substance_use_vulnerability/).<sup>9</sup>

Identifying towns and neighborhoods with high or low risk of substance use can aid public health efforts. This knowledge helps us take targeted actions based on specific risks in those areas. To aid in this work, the following pages include substance use vulnerability maps for overall substance use, opioids, methamphetamine, heroin, alcohol, cannabis, cocaine, and benzodiazepines.

Figure 6: Overall Substance Use Vulnerability in Lucas County



<sup>9</sup>[https://publicsciencecollaborative.shinyapps.io/substance\\_use\\_vulnerability/](https://publicsciencecollaborative.shinyapps.io/substance_use_vulnerability/)

Figure 7: Opioid Vulnerability in Lucas County

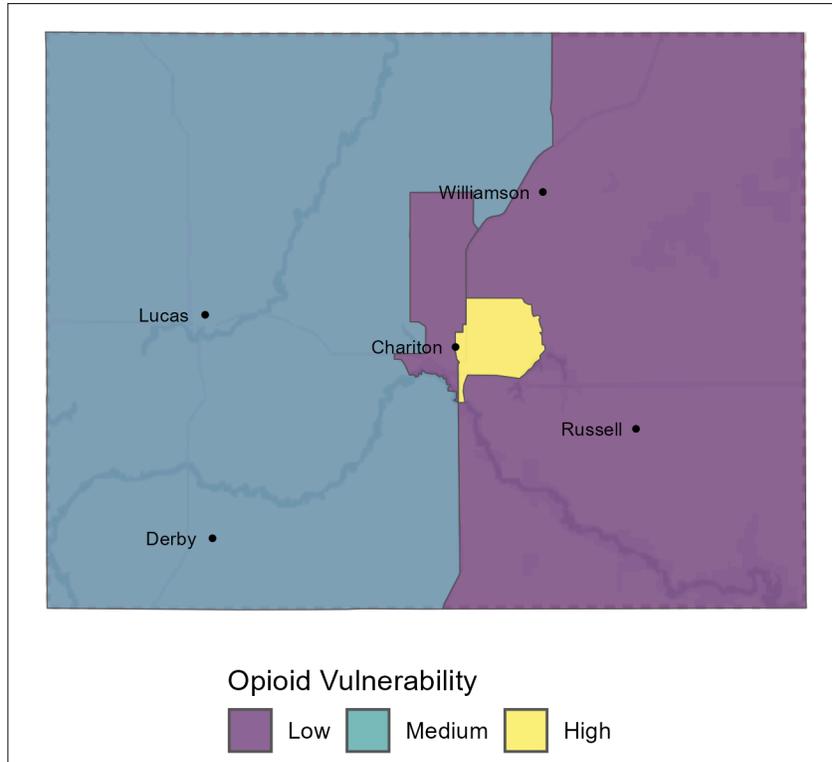


Figure 8: Methamphetamine Vulnerability in Lucas County

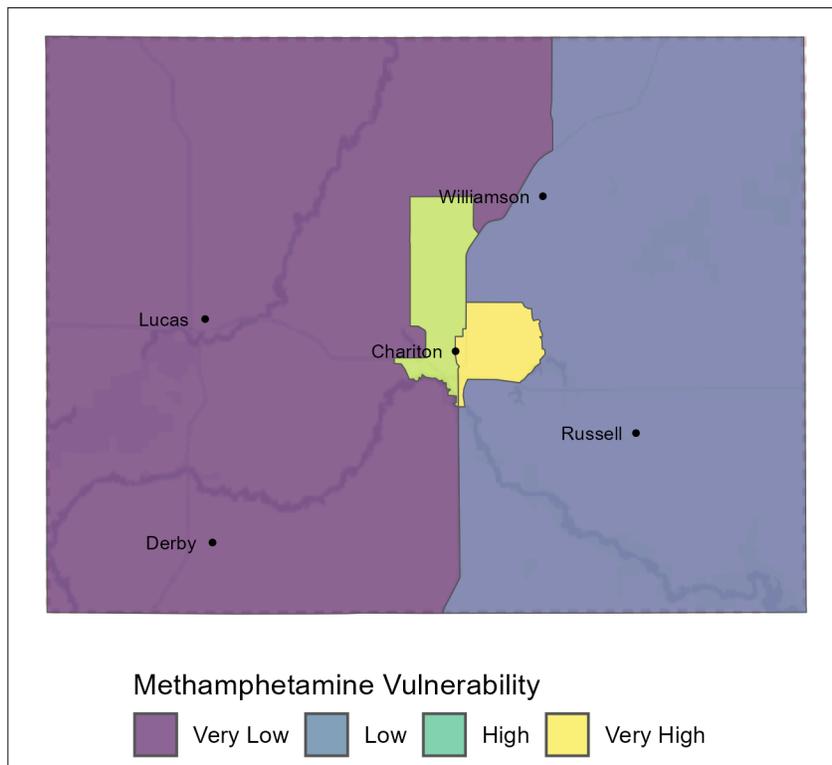


Figure 9: Heroin Vulnerability in Lucas County

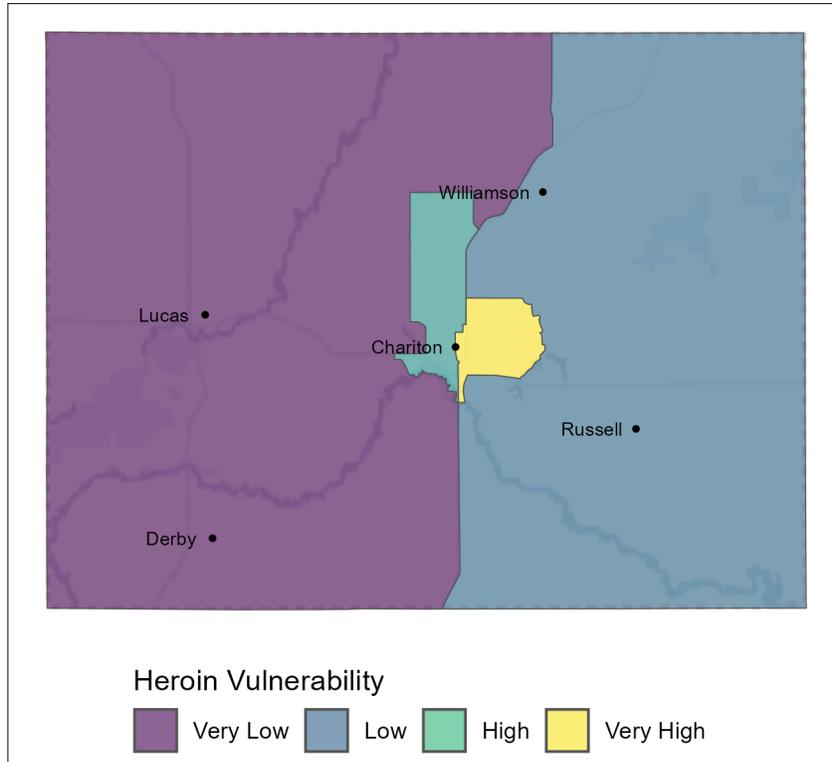


Figure 10: Alcohol Vulnerability in Lucas County

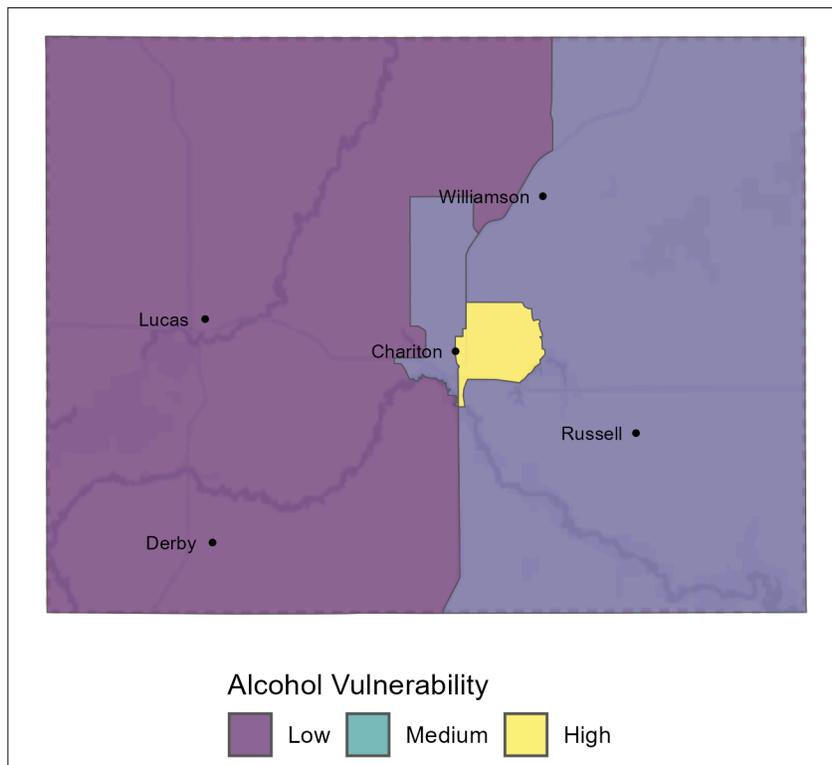


Figure 11: Cannabis Vulnerability in Lucas County

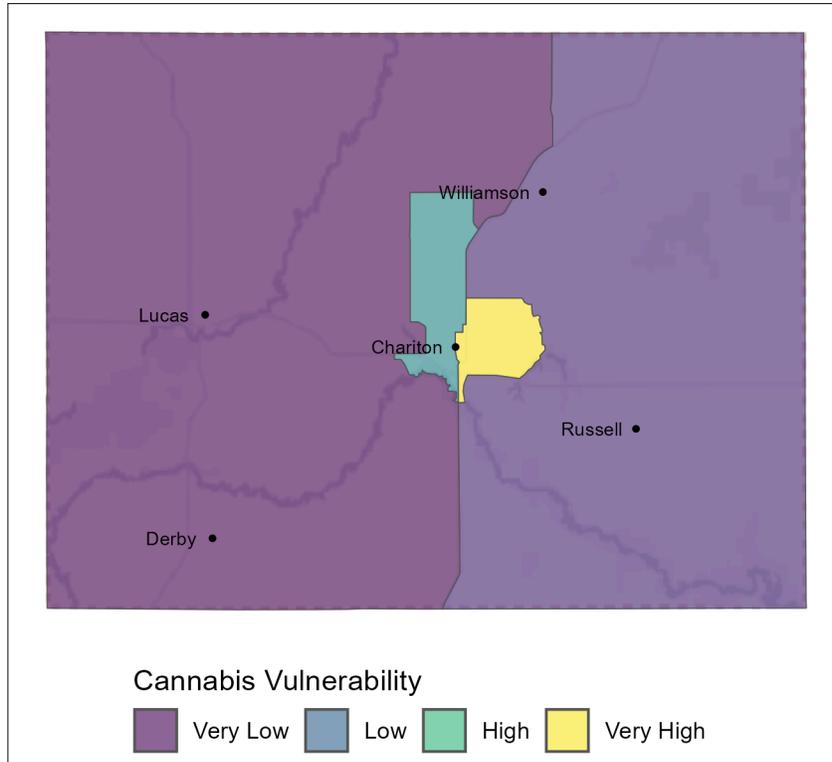


Figure 12: Cocaine Vulnerability in Lucas County

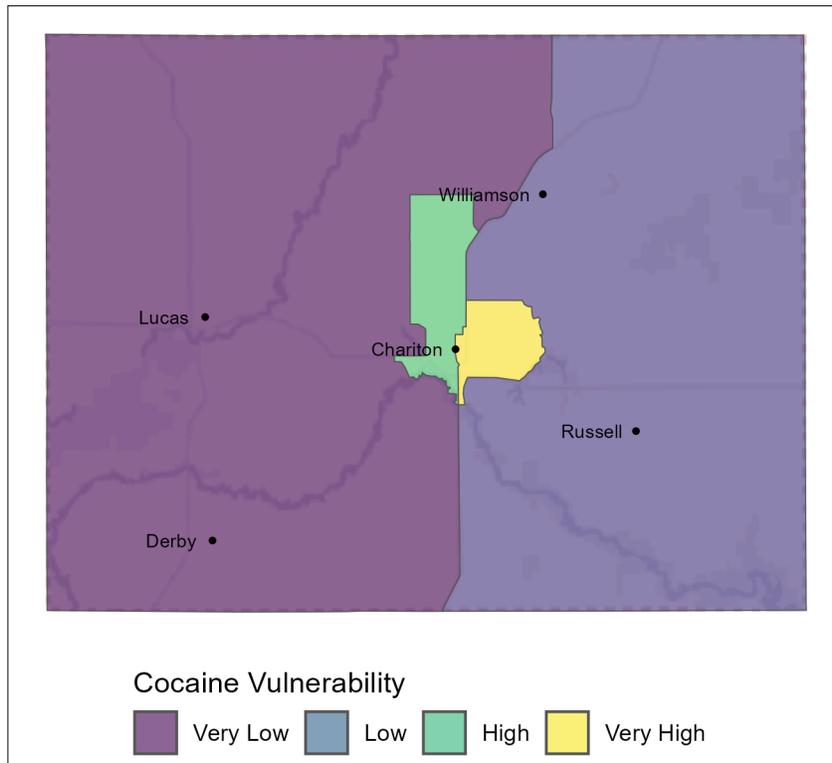
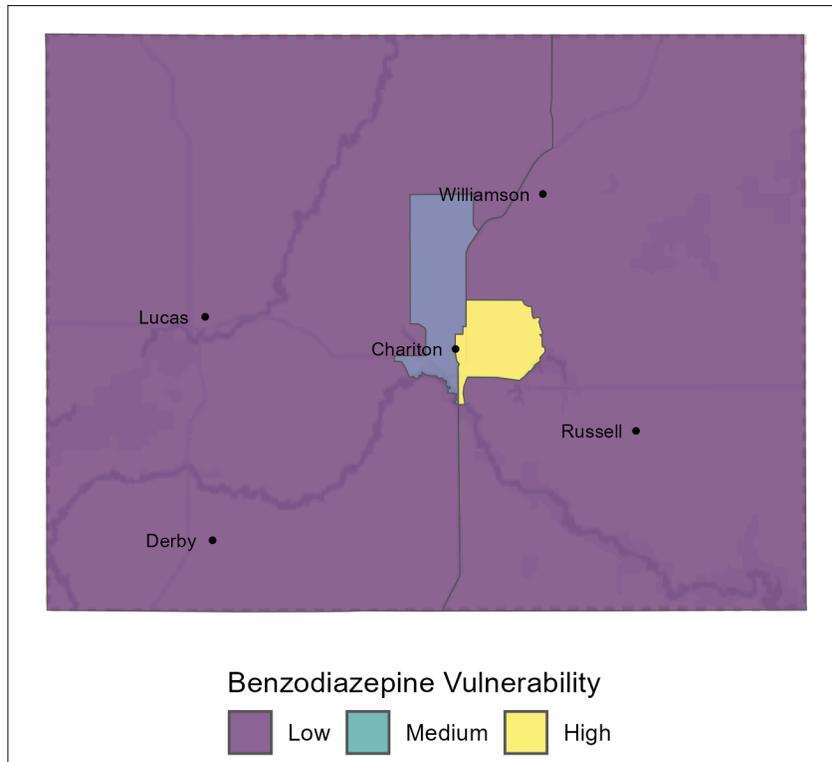


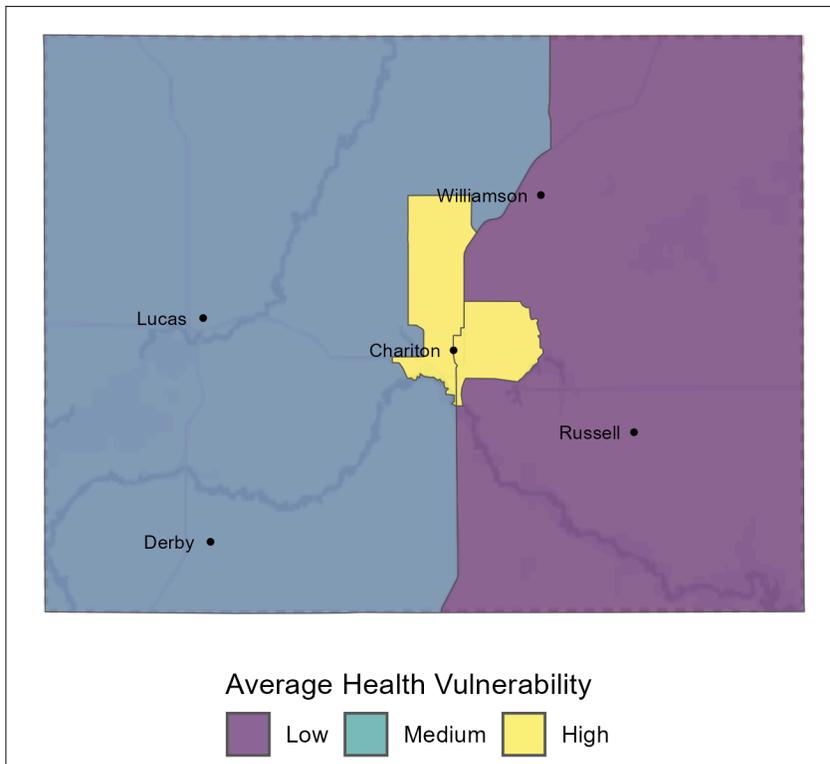
Figure 13: Benzodiazepine Vulnerability in Lucas County



## Social Determinants of Health

In addition to the substance use vulnerability maps above, the Public Science Collaborative also explored overall health vulnerabilities and disparities in Lucas County, using the social determinants of health. By social determinants, we refer to social and environmental risks that impact a person's overall health and well-being. For example, in places with high average levels of education and low unemployment rates, people usually enjoy better health. In areas with low average incomes and high single parenting rates, health often suffers. Understanding social determinants of health can help community organizations and governments. It shows where there are neighborhoods that can benefit most from targeted investment to reduce health disparities. You can interactively explore social determinants of health across the state and look at individual components on [PSC's SDOH Dashboard](https://publicsciencecollaborative.shinyapps.io/sdoh/).<sup>10</sup>

Figure 14: Overall Health Vulnerability in Lucas County



<sup>10</sup><https://publicsciencecollaborative.shinyapps.io/sdoh/>

## Appendix 1: Data Used in this Report

The data used in this report is a variety of recovery, community, and well-being resources that can be useful for individuals in recovery. To collect this data, we used public resources, including government agencies and recovery websites. The data sources can be found in the table below. Our collection of data may not cover every single resource in Iowa, but it represents the primarily publicly available data found through our research and following the advice of substance use experts and researchers. This data was acquired through several ways: simple downloads, manual data entry, computer reading of PDF files, scraping websites, and utilization of APIs.

There are also several resource finder tools to help find a specific resource in an area, including the [Meetings Finder](#),<sup>11</sup> [Recovery Resource Finder](#),<sup>12</sup> [Well-Being Resource Finder](#),<sup>13</sup> and [Physical Activity Resource Finder](#).<sup>14</sup>

Table 6: Recovery Resource Data Sources

Resource Type	Source
Beach	<a href="#">Iowa DNR</a>
Library	<a href="#">Institute of Museum and Library Services</a>
Playground	<a href="#">OpenStreetMap</a>
Public Park	<a href="#">OpenStreetMap</a>
Trail	<a href="#">OpenStreetMap</a>
Outdoor Basketball Court	<a href="#">OpenStreetMap</a>
Football Field	<a href="#">OpenStreetMap</a>
Soccer Field	<a href="#">OpenStreetMap</a>
Baseball/Softball Diamond	<a href="#">OpenStreetMap</a>
Tennis Court	<a href="#">OpenStreetMap</a>
Pickleball Court	<a href="#">OpenStreetMap</a>
Outdoor Volleyball Court	<a href="#">OpenStreetMap</a>
Other Sports Facilities	<a href="#">OpenStreetMap</a>
Family Support Specialist	Wellpoint Peer Support Inventory
Mutual Aid Meeting	Various Websites
Peer Support Provider	Wellpoint Peer Support Inventory
Recovery Organizations (Community and Collegiate)	Manual Addition
SUD Recovery Coach	Wellpoint Peer Support Inventory
Lake	<a href="#">Iowa DNR</a>
Access Center	Manual Addition
Drug Drop-off Site	<a href="#">Iowa Geodata</a>
Hospital	<a href="#">Iowa Medicaid Provider Search</a>
MAT Site	<a href="#">SAMHSA</a>

<sup>11</sup><http://public-science.org/meetingfinder>

<sup>12</sup><http://public-science.org/recoveryresources>

<sup>13</sup><http://public-science.org/communityresources>

<sup>14</sup><http://public-science.org/physicalactivity>

<b>Resource Type</b>	<b>Source</b>
Mental & Behavioral Health Center	<a href="#">Iowa DHHS</a>
Rural Health Clinic	<a href="#">Iowa Association of Rural Health Clinics</a>
SUD or Gambling Treatment Center	<a href="#">Iowa DHHS</a>
VA Hospital or Clinic	<a href="#">U.S. Department of Veterans Affairs</a>
YMCA	<a href="#">Heartland YMCA Alliance</a>
Childcare Provider	<a href="#">Iowa DHHS</a>
Recovery Housing	<a href="#">Iowa DHHS</a>
Section 8 Housing	<a href="#">U.S. Department of Housing and Urban Development</a>
Shelter	<a href="#">Homeless Shelters Directory</a>
Intimate Partner Violence Program	<a href="#">Iowa Coalition Against Domestic Violence</a>
Workforce Development Office	<a href="#">Iowa Workforce Development</a>
College or University	<a href="#">Wikipedia</a>
School	<a href="#">Iowa Department of Education</a>
Place of Worship	<a href="#">ExpertGPS.com</a>
State Park	<a href="#">Iowa DNR</a>

## Appendix 2: RRCI Rankings for Cities in Behavioral Health District 5

Table 7 adds on to the Recovery Ready Community Index table found earlier in the report. This table includes all 54 cities in behavioral health district 5 that have more than 1,000 people. The table is sorted by population, to help enable comparisons between cities in the district of similar sizes. You can use the information to see the relative strengths and weaknesses of communities across the district. Cities located in Lucas County are bolded.

Table 7: RRCI in Behavioral Health Lucas County Cities

City	Population	Pop. Group Rank	RRCI	Resource Abundance- Absolute	Resource Abundance- Relative	Recovery Culture
Des Moines	212,464	5 (out of 11)	64.7	1447	68.1	6.2
Ankeny	70,542	11 (out of 11)	62.3	509	72.2	3.1
West Des Moines	69,893	8 (out of 11)	63.6	506	72.4	4.0
Ames	66,112	10 (out of 11)	63.1	472	71.4	3.8
Urbandale	46,026	22 (out of 31)	62.8	258	56.1	5.2
Waukee	26,974	24 (out of 31)	62.0	214	79.3	2.2
Johnston	24,196	7 (out of 31)	68.2	282	116.5	2.1
Altoona	20,592	30 (out of 31)	60.4	117	56.8	3.4
Clive	18,776	28 (out of 31)	61.5	110	58.6	4.3
Indianola	15,918	19 (out of 31)	63.5	148	93.0	1.9
Grimes	15,810	15 (out of 31)	64.2	145	91.7	3.2
Newton	15,696	26 (out of 31)	61.7	128	81.5	1.9
Norwalk	13,610	27 (out of 31)	61.6	114	83.8	0.7
Boone	12,445	17 (out of 31)	63.8	103	82.8	4.0
Pleasant Hill	10,796	23 (out of 31)	62.7	95	88.0	2.8
Pella	10,624	3 (out of 31)	73.4	154	145.0	2.8
Bondurant	8,061	94 (out of 103)	37.8	76	94.3	0.0
Perry	7,928	58 (out of 103)	64.5	67	84.5	6.3
Webster City	7,769	81 (out of 103)	61.1	67	86.2	1.3
Knoxville	7,493	38.5 (out of 103)	68.0	76	101.4	6.7
Nevada	6,952	57 (out of 103)	64.7	74	106.4	1.4
Adel	6,259	66 (out of 103)	63.6	62	99.1	3.2
Polk City	5,833	87 (out of 103)	55.1	32	54.9	1.7
Osceola	5,495	21 (out of 103)	71.1	72	131.0	3.6
Winterset	5,384	15 (out of 103)	72.9	65	120.7	11.1
Windsor Heights	5,171	85 (out of 103)	57.5	27	52.2	5.8
Huxley	4,440	95 (out of 103)	36.7	44	99.1	0.0
<b>Chariton</b>	4,235	1 (out of 103)	80.9	73	172.4	9.4
Carlisle	4,187	69.5 (out of 103)	63.3	44	105.1	2.4

City	Population	Pop. Group Rank	RRCI	Resource Abundance-Absolute	Resource Abundance-Relative	Recovery Culture
Jefferson	4,164	53 (out of 103)	66.3	41	98.5	9.6
Saylorville	3,559	101 (out of 103)	28.1	22	61.8	0.0
Story City	3,363	98 (out of 103)	31.7	27	80.3	0.0
Madrid	2,803	72 (out of 103)	62.9	30	107.0	3.6
Mitchellville	2,557	103 (out of 103)	25.9	17	66.5	0.0
Lamoni	2,121	12 (out of 145)	81.8	47	221.6	4.7
Colfax	2,089	53 (out of 145)	60.6	19	91.0	9.6
Monroe	2,074	106 (out of 145)	38.6	26	125.4	0.0
Dallas Center	2,058	44 (out of 145)	65.6	25	121.5	4.9
Granger	1,919	56 (out of 145)	59.3	19	99.0	5.2
Ogden	1,902	23 (out of 145)	78.7	37	194.5	5.3
Pleasantville	1,883	30 (out of 145)	74.8	31	164.6	5.3
Leon	1,795	67 (out of 145)	51.8	37	206.1	0.0
Prairie City	1,649	103 (out of 145)	40.4	23	139.5	0.0
Corydon	1,566	84 (out of 145)	45.7	26	166.0	0.0
Slater	1,498	77 (out of 145)	47.9	27	180.2	0.0
Van Meter	1,469	69 (out of 145)	50.7	30	204.2	0.0
Roland	1,458	133 (out of 145)	28.1	14	96.0	0.0
Earlham	1,406	82 (out of 145)	46.9	25	177.8	0.0
Gilbert	1,300	79 (out of 145)	47.5	24	184.6	0.0
Baxter	1,251	131 (out of 145)	28.8	13	103.9	0.0
Melcher-Dallas	1,228	75 (out of 145)	48.4	24	195.4	0.0
Jewell Junction	1,225	105 (out of 145)	39.6	18	146.9	0.0
Sully	1,092	104 (out of 145)	40.3	17	155.7	0.0
Woodward	1,002	5 (out of 145)	83.7	23	229.5	29.9

## Appendix 3: Mutual Aid Meetings In Lucas County

Table 8: Mutual Aid Meeting Directory in Lucas County

Meeting Type	Group	Address	Weekly Meeting #
Alcoholics Anonymous	<u>12 Steps &amp; 12 Traditions</u>	205 S Grand St, Chariton, IA 50049, USA	1
Alcoholics Anonymous	<u>How It Works- South-Central Iowa</u>	205 S Grand St, Chariton, IA 50049, USA	1
Al-Anon	First Step to Freedom AFG	1200 N 7th St, Chariton, IA, 50049, USA	1
Narcotics Anonymous	NA	1112 N 7th St, Chariton, IA 50049, USA	2

## Appendix 4: Resources In Lucas County

Table 9: Recovery Resource Directory in Lucas County

Resource Type	Name	Address
Baseball/Softball Diamond	13 Baseball/Softball Diamonds	Chariton, Lucas County, Iowa, 50049, United States
Outdoor Basketball Court	1 Outdoor Basketball Court	Chariton, Lucas County, Iowa, 50049, United States
Beach	Red Haw State Park 2022 Beach Classification: Less Vulnerable	24570 US-34, Chariton, IA 50049
Childcare Provider	<a href="#">Bonnie Atwell</a>	345 Auburn AVE, Chariton, IA, 50049
Childcare Provider	<a href="#">Carmen Baker</a>	506 Vine ST, Lucas, IA, 50151
Childcare Provider	<a href="#">Hope Learning Center</a>	1711 Osceola AVE, Chariton, IA, 50049
Childcare Provider	<a href="#">Pamela Davis</a>	51361 192nd TRL, Chariton, IA, 50049
Childcare Provider	<a href="#">SCICAP-Chariton Head Start</a>	418 N Main St, Chariton, IA, 50049
Childcare Provider	<a href="#">Tammy McRoberts</a>	1721 Ilion AVE, Chariton, IA, 50049
Drug Drop-off Site	Hy-Vee Pharmacy	2001 West Court, Chariton, IA, 50049
Hospital	Lucas County Health Center	1200 N 7th St, Chariton, IA 50049
Lake	Ellis Lake	24967 US-34, Chariton, IA 50049
Lake	Morris Lake	25298 US-34, Chariton, IA 50049
Lake	Red Haw Lake	24967 US-34, Chariton, IA 50049
Lake	Red Haw Pond 1 (E)	284 County Rd H40, Chariton, IA 50049
Lake	Red Haw Pond 2 (middle)	24632 455th Ln, Chariton, IA 50049
Lake	Red Haw Pond 3 (north)	284 County Rd H40, Chariton, IA 50049
Lake	Stephen's Forest Whitebreast Pond 2	46000 127th Trl, Lucas, IA 50151
Lake	Stephen's Forest Lucas Unit Pond 1	47399 137th Trl, Lucas, IA 50151
Lake	Stephen's Forest Lucas Unit Pond 2	47390 137th Trl, Lucas, IA 50151
Lake	Stephen's Forest Whitebreast Pond 1	13301 467th St, Lucas, IA 50151
Lake	Williamson Pond	27284 535th Ln, Chariton, IA 50049
Library	Chariton Free Public Library	803 Braden Ave, Lucas, Chariton, IA, 50049
NA	<a href="#">Lucas County Health Center</a>	1200 N 7th St, Chariton, IA 50049
NA	<a href="#">Lucas County Public Health</a>	123 S Grand St, Chariton, IA 50049
Public Park	Veteran's Memorial Park	125 S Main St, Chariton, IA 50049
Place of Worship	<a href="#">Assembly of God Church</a>	339 N Grand St, Chariton, IA 50049, USA
Place of Worship	<a href="#">Belinda Church</a>	57929 IA-14, Chariton, IA 50049, USA
Place of Worship	<a href="#">Bethel Church</a>	48941 309th Ave, Russell, IA 50238, USA
Place of Worship	<a href="#">Bethlehem Church of Christ</a>	714 Penick Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#">Bible Holiness Church</a>	1019 Ashland Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#">Center Community Church</a>	31019 430th Ln, Russell, IA 50238, USA

<b>Resource Type</b>	<b>Name</b>	<b>Address</b>
Place of Worship	<a href="#"><u>Chariton Bible Church</u></a>	1509 Roland Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Christian Church Disciples of Christ</u></a>	1100 Ilion Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Church of Christ</u></a>	225 N 8th St, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Church of God</u></a>	424 Armory Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Church of the Nazarene</u></a>	131 N 12th St, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Coal Glen Church</u></a>	55296 325th Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Cornerstone Community Church</u></a>	1129 Ashland Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Eden Church</u></a>	VHXR+4F Derby, IA, USA
Place of Worship	<a href="#"><u>Faith United Methodist Church</u></a>	107 W Smith St, Russell, IA 50238, USA
Place of Worship	<a href="#"><u>First Baptist Church</u></a>	107 W Smith St, Russell, IA 50238, USA
Place of Worship	<a href="#"><u>First Baptist Church</u></a>	205 S Grand St, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>First Lutheran Church</u></a>	921 Curtis Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>First Presbyterian Church</u></a>	735 Braden Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>First United Methodist Church</u></a>	915 Roland Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Full Faith Christian Center</u></a>	1208 Commercial Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Good Shepherd Baptist Church</u></a>	127 N 12th St, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Goshen Church</u></a>	44934 145th Ave, Derby, IA 50068, USA
Place of Worship	<a href="#"><u>Grace Church</u></a>	703 S 1st St, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Jehovahs Witnesses</u></a>	1516 Court Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Lucas Assembly of God Church</u></a>	103 Division St, Lucas, IA 50151, USA
Place of Worship	<a href="#"><u>Lucas Presbyterian Church</u></a>	304 Walnut St, Lucas, IA 50151, USA
Place of Worship	<a href="#"><u>New Testament Church</u></a>	50692 IA-14, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Norwood Assembly of God Church</u></a>	14119 550th St, Lucas, IA 50151, USA
Place of Worship	<a href="#"><u>Norwood Church</u></a>	13963 560th St, Lucas, IA 50151, USA
Place of Worship	<a href="#"><u>Norwood United Methodist Church</u></a>	14119 550th St, Lucas, IA 50151, USA
Place of Worship	<a href="#"><u>Otterbein Church</u></a>	WMWR+4W Chariton, IA, USA
Place of Worship	<a href="#"><u>Pleasant Prairie Church</u></a>	29181 570th St, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Reorganized Church of Jesus Christ of Latter Day Saints</u></a>	714 Roland Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Sacred Heart Catholic Church</u></a>	407 N Main St, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Saint Andrews Church</u></a>	1112 N 7th St, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Salem Church</u></a>	25211 455th Ln, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Trinity Lutheran Church</u></a>	722 Lucas Ave, Chariton, IA 50049, USA
Place of Worship	<a href="#"><u>Whitebreast Church</u></a>	53096 235 Trail, Chariton, IA 50049, USA

<b>Resource Type</b>	<b>Name</b>	<b>Address</b>
Place of Worship	<u>Williamson Community Church</u>	101 Railroad Private St, Williamson, IA 50272, USA
Rural Health Clinic	<u>Lucas County Health Center Medical Clinic</u>	1200 N 7th St, Chariton, IA, 50049
School	Chariton High School	501 N Grand, Chariton, IA
School	Chariton Middle School	1300 N 16th, Chariton, IA
School	Columbus Elementary School	1215 Linden Ave, Chariton, IA
School	Van Allen Elementary School	1129 Ashland, Chariton, IA
Section 8 Housing	AUTUMN PARK APARTMENTS ~ CHARITON	330 N Main St, Chariton, IA, 50049
Section 8 Housing	Woodlawn Apartments	1115 Woodlawn Ave, Chariton, IA, 50049
Soccer Field	Reynolds Athletic Field	Chariton, Lucas County, Iowa, 50049, United States
Soccer Field	3 Soccer Fields	Chariton, Lucas County, Iowa, 50049, United States
SUD or Gambling Treatment Center	<u>Infinity Health</u>	125 S. Grand, Chariton, IA, 50049
Tennis Court	5 Tennis Courts	Chariton, Lucas County, Iowa, 50049, United States
Tennis Court	1 Tennis Court	Russell, Lucas County, Iowa, 50238, United States