

Barren River

DISTRICT HEALTH DEPARTMENT



Healthy Community. Happy Families.

Proudly serving Barren,
Butler, Edmonson, Hart,
Logan, Metcalfe, Simpson,
and Warren Counties

FY22

Community Impact Report

July 1, 2021-June 30, 2022

Introduction

The Barren River District Health Department (BRDHD), united as a District Health Department in 1982, serves the residents and visitors of Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Simpson and Warren Counties of the Commonwealth of Kentucky. BRDHD and its staff are committed to providing essential public health services in the community.

We are grateful for the hard work, dedication, and professionalism of our staff. Thank you for doing your part at BRDHD as we work together toward our vision of creating a healthy community for all people to live, learn, work, and play.

**Proud to be a
Nationally Accredited
District Health Department**



*Healthy Community.
Happy Families.*

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CORE PUBLIC HEALTH

FOUNDATIONAL PUBLIC HEALTH

Five focus areas, which includes statutorily and regulatorily defined services:

1. Population Health
2. Enforcement of Regulation
3. Emergency Preparedness & Response
4. Communicable disease control
5. Administrative and organizational infrastructure

Community Health Assessment

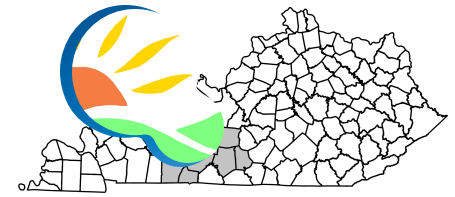
WIC

HANDS

HARM REDUCTION
& SUD

Local Public
Health Priorities

Agency Organizational Chart



District Board of Health
26 members/8 counties

Medical Director
Douglas Thomson, MD, MPH

District Director
Matthew L. Hunt, Ed.D.

Dental Director
Leslie Campbell, DMD

Marketing and Communications
Ashli McCarty – Branch Leader

Agency Website Maintenance
Agency Social Media Management
Grant Writing and Project Planning
Public Information Dissemination/Press Releases
Demographic Outreach and Community Engagement
Agency Marketing and Branding
Program Advertising and Media Relations
Quality Improvement
Community Impact Report and Community Health Assessment

Administrative Services
Kim Flora – Branch Leader

Personnel/Benefits/Policies
New Employee Orientation
Workforce Development
Building/Vehicle Maintenance
Intern/Volunteer Coordination
Payroll
Budget
Purchasing
Accounts Receivable/Payable
Travel Reimbursement
Finance Reporting
Audit/Compliance Review

Clinical Services
Julia Davidson – Branch Leader

Communicable Disease Control
Epidemiology/EPI Rapid Response
Blood Borne Pathogens
Immunizations
STD/HIV Testing
Employee Health
WIC
Medical Nutrition Therapy (MNT)
Pregnancy Testing
Blood Borne Pathogens
Well Child
Vital Statistics
Medical Records
Dental Exams/Screenings/Oral Hygiene Instruction
Cleanings & Sealants
Fluoride Treatments
Dental X-Rays
Simple Extractions

Support Services
Emily Barnes – Branch Leader

Vital Statistics
Medical Records
Medical Services Billing
Environmental Support
Reception

Information Systems
Chris Wilkerson – Branch Leader

Network Management
Telephone System Support
Information Technology
Video Conference Support
PC/End Users Support

Facilities Management
Michael Baxter – Branch Leader

Building and Grounds Operations
Utilities and Maintenance
Security/Safety Systems
Custodial Services
External Contracting

Environmental Health
Jama Jepson – Branch Leader

Inspections:
Food Services
Schools
Hotels and Motels
Youth Camps
Public Swimming Pools, Public Beaches, and Spas
State Confinement Facilities
Mobile Home and Recreational Parks
Tattoo, Body and Ear Piercing Studios
Septic Tank
Cleaning Vehicles & Disposal Sites
Onsite Sewage Disposal Systems
Plan Review of Regulated Facilities and Non-Regulated Public Facilities
Tanning Beds Registration
Lead Risk Assessments
Private Water Supply Testing
Public Health Nuisance Investigations
Rabies Program
Methamphetamine Lab Notifications
Education:
Food Manager Certification
Food Employee/Food Handler Certification
Certified Onsite Sewage Disposal System Installer Training
Mold and Radon Information

Disaster Response
Janarae Conway – Branch Leader

Public Health Planning and Emergency Response
Community Disaster Preparedness
Project Public Health Ready (PPHR)
WebEOC
ReadyOp
Healthcare Emergency Area 4 Response Team (HEART)

Population Health
Ashley Lillard – Branch Leader

Community Health Assessment
Community Health Improvement Plans
Health Equity
Partnership Development
Public Health Accreditation
Strategic Planning
Performance Management/Quality Improvement
Harm Reduction Program
HIV Linkage Navigator Program
HIV and Hepatitis C Testing/Counseling/CEUs
Community Health Education:
Tobacco Prevention/Cessation/ASAP
Coordinated School Health
CPR/First Aid
STD/Birth Control Education
Physical Activity Promotion
Maternal and Child Coordination
Child Care Health Consultation
Biometric Screenings for KEHP Members
Diabetes Prevention Program
Diabetes Self-Management Education and Support

HANDS
Tammy Drake – Branch Leader

Home Visitation Services for New and Expectant Parents
Parenting and Family Support
Healthy Pregnancies and Births
Optimal Child Growth and Development
Healthy Safe Homes
Self-sufficient Families
Screenings:
Perinatal Depression
Domestic Violence
Child Development
Referrals for Community Services

A Message From District Public Health Director, Matthew L. Hunt

"Another year passed, and another year I am proud to serve the Barren River District alongside our excellent staff. During 2022, BRDHD faced a new round of challenges in the public health field. Our workforce proved their dedication and drive serving our eight counties each day. I consider the past year a success, and I am excited to see what the future holds as we continue to work together to improve lives in the Barren River District."

-Matt Hunt, Ed. D



A Message From Medical Director, Douglas B. Thomson

"Having served as Medical Director and Chief Tuberculosis Control Officer at BRDHD for many years, I can definitely say I am proud to be a part of an organization that does so much good for so many people."

-Douglas B. Thomson, M.D., MPH, FACP, FCCP

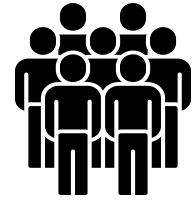
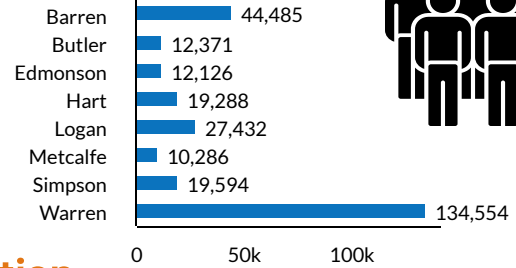


BRDHD by the Numbers

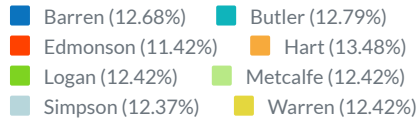
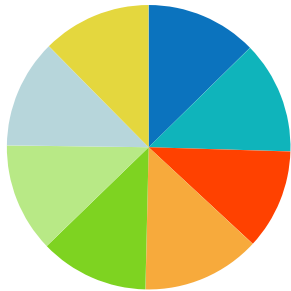
District Demographic Data

BRDHD serves a unique and diverse population of people in its eight county district. Here is an overview of the populations whose lives we strive to improve each day within the Barren River District.

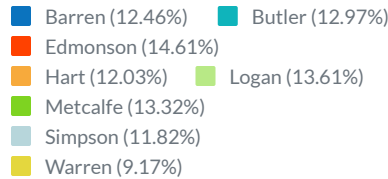
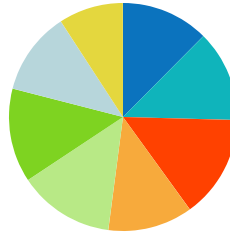
County Populations



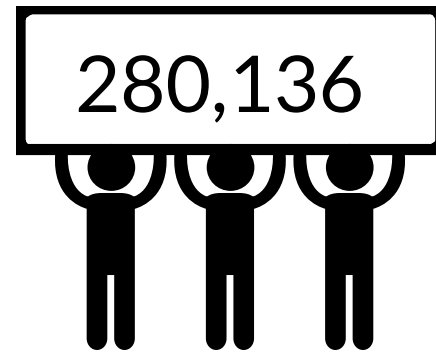
Percentage of Population Under 18 Years of Age



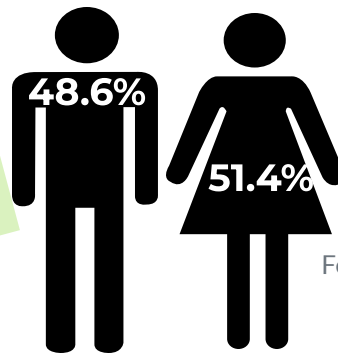
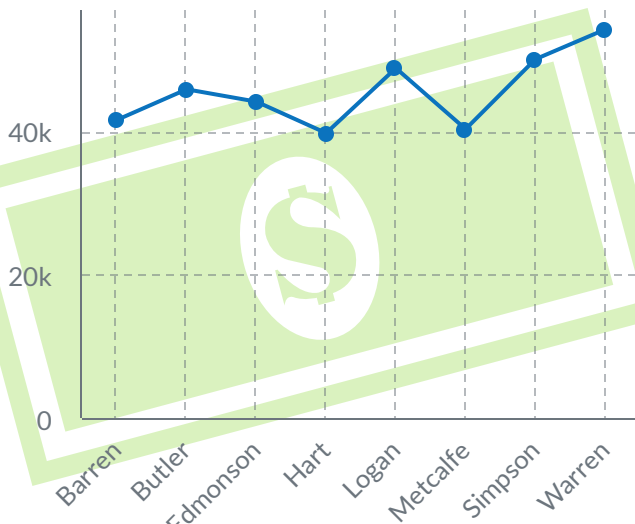
Percentage of Population 65 Years of Age or Older



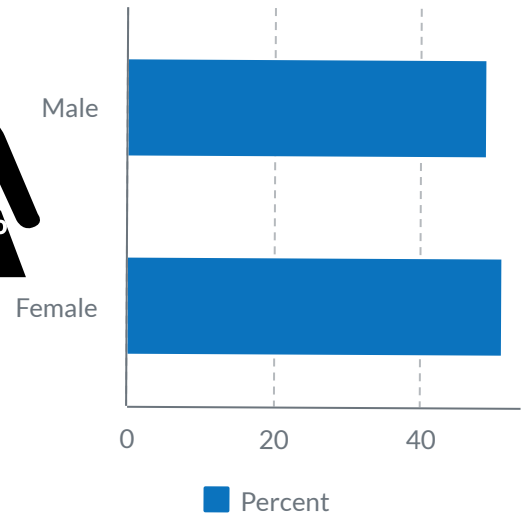
District Total Population



Median Household Income



BRDHD Male and Female Percentage



BRDHD by the Numbers

District Demographic Data

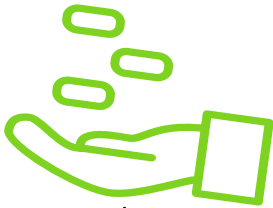


36.4%

of adults in the Barren River District struggle with obesity

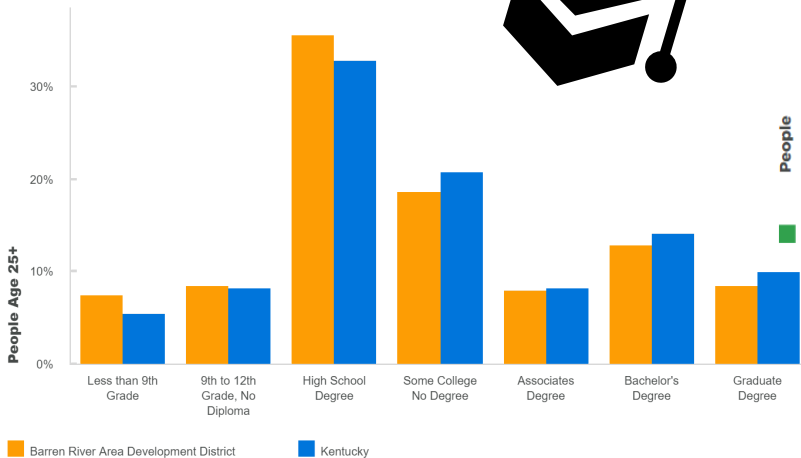
18.1%

of people live in poverty

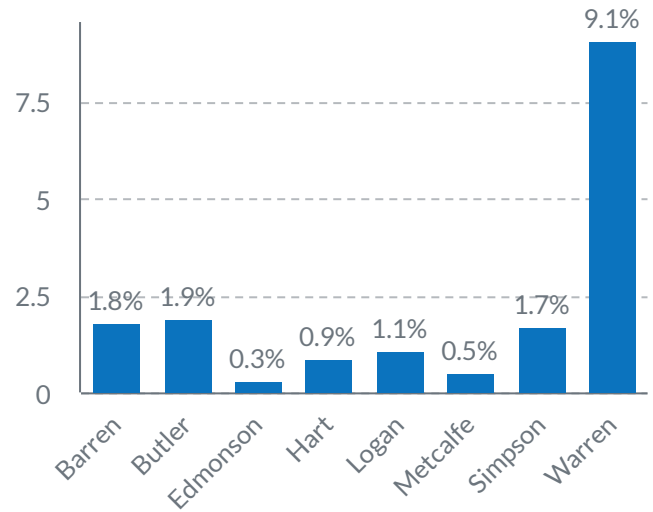


35.7% of adults graduated high school

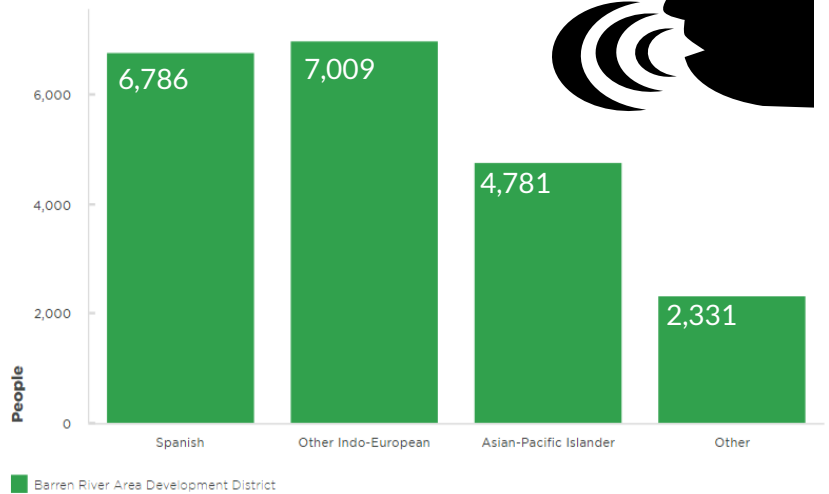
Highest level of education completed



Foreign-Born Persons, 2015-2019



Language Other Than English Spoken at Home, Age 5+, 2015-2019



19.2%

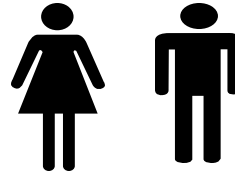
of the population belongs to a minority, compared to

- BRADD Region – 18%
- Kentucky – 18.7%



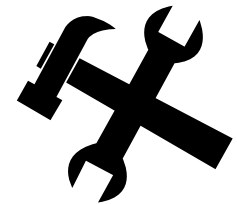
BRDHD by the Numbers

Fiscal & Human Resources Overview

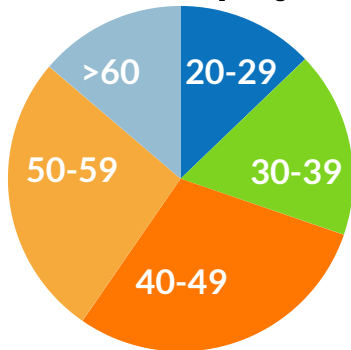


98 Female
11 Male

BRDHD hired a
Facilities Management
Branch Leader



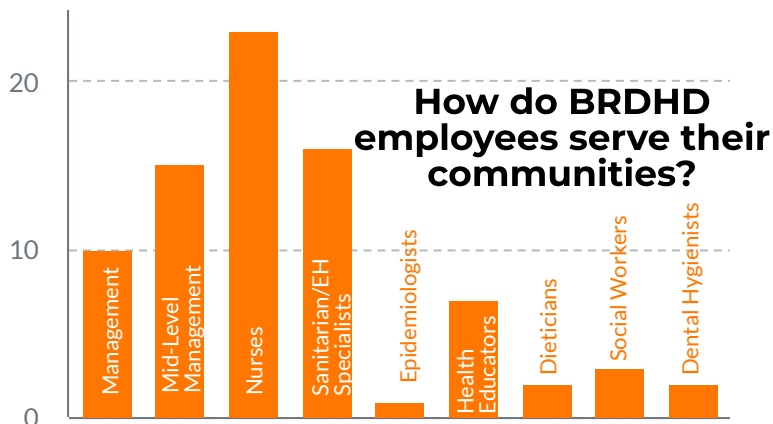
**Ages of
BRDHD Employees**



20-29 (12.84%) 30-39 (17.43%)
40-49 (29.36%) 50-59 (26.61%)
>60 (13.76%)



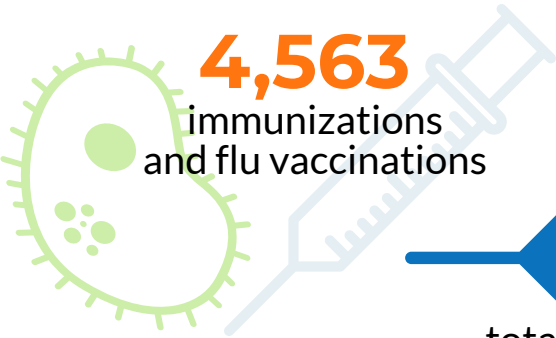
BRDHD is beginning to work
on improving health
department buildings



\$307,740.62
in grant funding
awarded in FY21

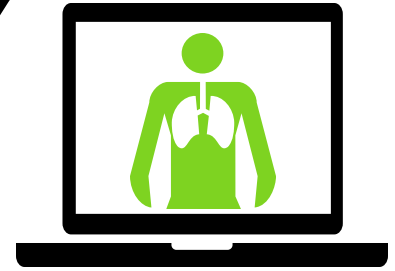
BRDHD by the Numbers

Our Accomplishments: Clinical



2,106 ✓

TB evaluation and
management visits
and DOT visits
either virtually or
in person



9,417

WIC certifications and
enrollment

2,606

mid-certification
WIC health assessments

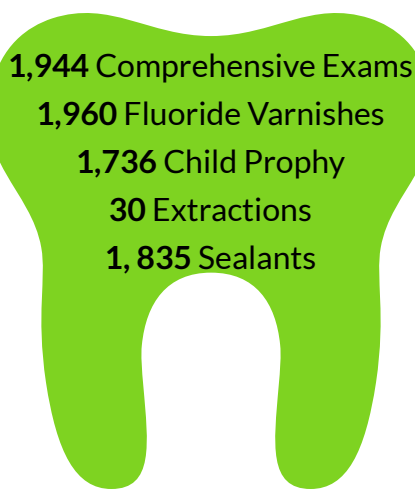
20,844

WIC health education/counseling
units



713
TB home
visits

Dental Services



1,944 Comprehensive Exams
1,960 Fluoride Varnishes
1,736 Child Prophy
30 Extractions
1,835 Sealants

348

adult prophys (cleanings)

1,736

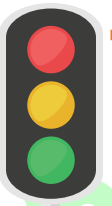
child prophys (cleanings)

2,084

total patients seen
(includes long term care facilities,
International Center and schools)

1,599

total patients seen
in schools



176

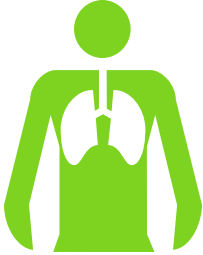
total patients seen
in schools with Red Lights

146

total patients seen
in schools with Red Lights
who have Medicaid

BRDHD by the Numbers

Our Accomplishments: Communicable Disease

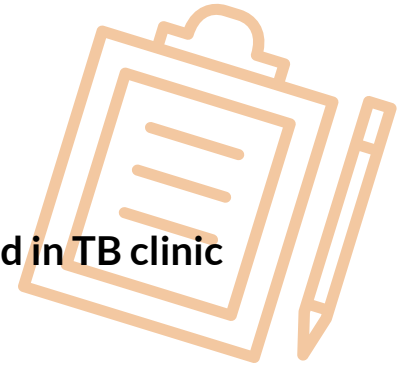


11

Active TB CASES managed

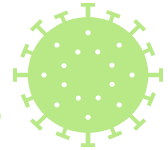
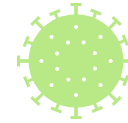
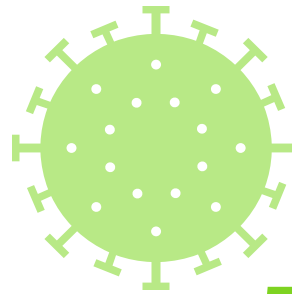
119

Clients evaluated in TB clinic



224

Number of reportable disease cases investigated



58,856
COVID-19 cases

Reportable Diseases Meeting Case Definition
Probable or Confirmed

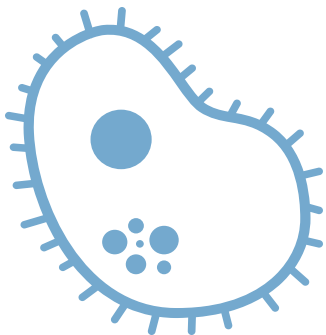
35 Probable

93 Confirmed



15

Reportable disease outbreaks investigated



615

Confirmed flu cases

BRDHD by the Numbers

Our Accomplishments: Support Services

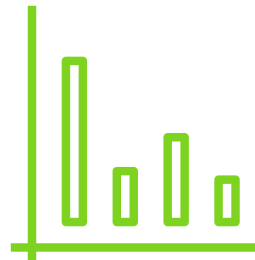


Who makes up support services?

The support services branch consists of the clerical staff for clinic, county registrars, billing and front desk reception.



BRDHD currently has **28 support staff members**, with two new employees



In the past fiscal year, WIC participation rates have remained at

99%

The County Registrars have performed

47

Grave Variances

69

Paternity Affidavits

1,894

Provisional Death Verifications



Birth Verifications, Disinterments/Reinterments, Communicable Disease Statements, and assisted in registering Home Births.

BRDHD by the Numbers

Our Accomplishments: HANDS



- The HANDS program is finally completing both virtual and in home visits after moving all visits to virtual during the height of the pandemic.
- HANDS received a state grant of \$41,000 during FY22 that is being used for community outreach and educational materials to share with families who participate in the HANDS program.
- HANDS employees participated in several community events this past year including baby showers in Warren, Butler, Edmonson and Barren counties.
- HANDS employees are part of a rotation at Med Center Health's childbirth classes to educate families about the benefits of participating in the HANDS program.

Number of Referrals Made for Children That did not Meet Developmental Milestones:

10

Number of Perinatal Depression Screenings:

124

Number of Families Enrolled:

187

Number of Families That Graduated the Program (Participation of 2+ Years):

13

Number of Visits Completed:

2,894

Number of Child Development Screenings Completed:

225

BRDHD by the Numbers

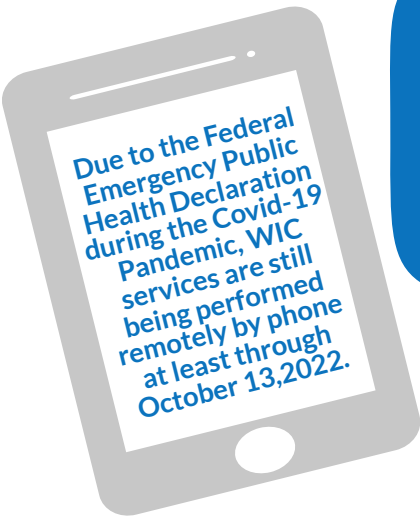
Our Accomplishments: WIC



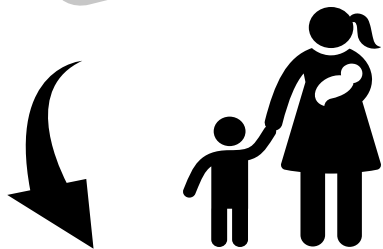
BRDHD started FY 2021 with **7524 enrolled individuals** with **7418 participating** in the program. BRDHD ended FY 2021 with **7934 enrolled individuals** with **7847 participating**. This is a **growth of 410 enrollments and 429 participants**.

From July 2021 to June 2022, BRDHD WIC maintained a **98-99% Participation Rate**.

\$3,766,453.17
\$3,766,453.17 of WIC benefits have been redeemed within our district from October 2021-June 2022.



In August 2021, BRDHD implemented telehealth MNT services with a registered dietician as an option for our WIC participants to receive additional nutrition education. In addition to telehealth MNT, in December 2021, we began offering lactation MNT services (either telehealth or in-person) with a certified lactation counselor. These services help provide breastfeeding support and information to our breastfeeding families on WIC.



From 7/2021-6/2022 **Added over 1,011 moms & babies** to the program remotely from the Medical Center and Fairview CHC

In February 2022, Abbott Similac issued a voluntary recall of some of their formula products. At that time BRDHD had 1,878 infants enrolled in the WIC program. This also had a major impact on those families and our staff. The KY WIC program put new policies in place to allow families to purchase many different options during this time period, which is still ongoing as of August 2022.

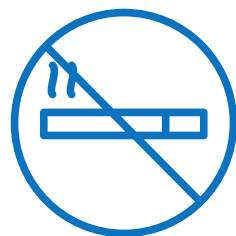
In late October 2021, the KY WIC Program changed contract brand formulas from Nestle Good Start to Abbott Similac. This is the first time the WIC contract formula has changed in KY in 15+ years. This had an impact on both our staff & the 1,906 infants and their families that were enrolled in WIC at the time.



BRDHD by the Numbers

Our Accomplishments: Population Health

Population Health added two new positions in FY22. The two health strategists will work on agency-wide performance management and continuous quality improvement projects. They will also assist the accreditation coordinator with re-accreditation efforts and agency plans.



4,203

students reached through education in schools (biggest request was vaping prevention)



49

youth participants educated in babysitting classes



3,756

biometric screenings for KEHP members

583



community members certified in CPR through BRDHD's CPR classes

BRDHD's child care health consultant and health educators continued to assist schools and child care centers with COVID-19 mitigation efforts. Through a partnership with Lifeskills, Inc., we have been able to add a peer support specialist (PSS) to our harm reduction efforts. The PSS works in our Warren County Syringe Services Program (SSP) each week as well as our mobile exchange sites. The PSS has lived experience with drug addiction, drug treatment and is successful in recovery. The PSS can relate to our clients and link them to needed supports in the community including treatment and recovery.

BRDHD by the Numbers

Our Accomplishments: BRIGHT Coalition



- BRIGHT reorganized from four siloed groups to a coalition-wide approach for meetings and work sessions.
- BRIGHT has completed the 2022-2025 Community Health Assessment and Community Health Improvement Plan. These documents will be used by BRDHD and other local organizations to plan individual goals and objectives with the common interest of improving the lives of people in the Barren River Region.
- BRIGHT recently hosted a Partnership for Health Workshop attended by professionals from multiple sectors including: hospitals, education, international, mental health, higher education, public health, nonprofit, and community.

To view the BRIGHT Coalition's Community Health Dashboard aim your smartphone camera at the QR code:



Public Health Accreditation Board Reaccreditation

- PHAB developed a new set of accreditation guidelines called Version 2022. These updated guidelines directly reflect the 10 essential public health services and focus on improving health equity.
- BRDHD received reaccreditation status in May of 2021 and our Annual Report for FY21-22 was fully accepted by PHAB.
- We will be working diligently to improve quality improvement efforts, continuously update our workforce development plan, utilize our performance management system, and rewrite program service plans that meet each requirement provided by PHAB Version 2022.



BRDHD by the Numbers

Our Accomplishments: Harm Reduction and Syringe Services Program



We are proud to operate two of the 74 syringe services programs servicing Kentucky at our Warren and Barren County Health Departments. Our programs are anonymous and offer free Narcan, HIV, Hep C and Syphilis testing, syringe exchange, and substance use disorder treatment referrals.



of Needles Collected:

Barren: 2,401
Warren: 122,949

of Total Clients:

Barren: 17
Warren: 84

Narcan Provided:

Barren: 46
Warren: 537

Number of Clients Referred to Treatment

Barren County: 5

Warren County: 50



Total Visits:
Barren: 52
Warren: 740

HIV Tests Performed in Barren

SSP: 5
Outreach: 84

HIV Tests Performed in Warren

SSP: 138
Outreach: 429

HCV Tests Performed

Barren

SSP: 2
Outreach: 25

Warren

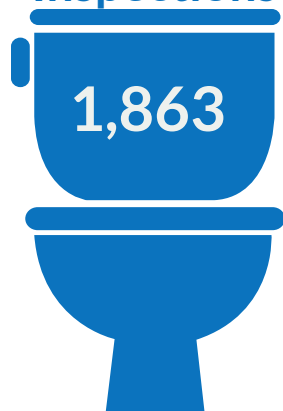
SSP: 76
Outreach: 226

BRDHD by the Numbers

Our Accomplishments: Environmental

By the beginning of FY 21-22, environmental services returned to normal with the enforcement of COVID-19 related Healthy at Work Guidelines and Executive Orders coming to an end. Our team consists of **14 full-time and two part-time environmentalists** and one support staff employee. We currently have two vacancies. Each environmentalist on our team has obtained registered sanitarian credentials through the Kentucky Registered Sanitarian Examining Committee. Four counties in our district suffered damage from tornados that touched down in our area in December. The environmentalists in those counties worked diligently to ensure that the temporary shelters and food supply were safe during that time. We continue to work with businesses and homeowners as they rebuild. This year, in order to be more efficient, we upgraded our onsite sewage system construction lasers for each team member. Several team members also received new laptops. Our team conducted over **9900 inspections** and provided over **3800 office services** to the community during FY 21-22.

Onsite Sewage Inspections



Food Inspections



Existing Septic System Inspections (Including Complaints)

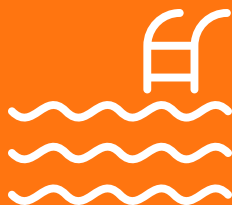
221

Nuisance Inspections (Including Animal Bites)



Public Facility Inspections

733



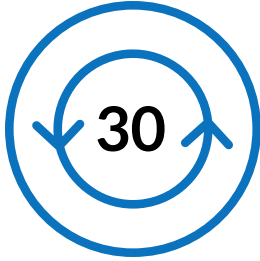
Follow-up and all Other Inspections

3,170

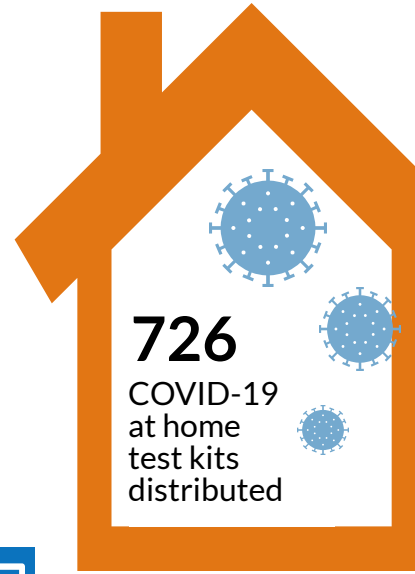
BRDHD by the Numbers

Our Accomplishments: Disaster Preparedness

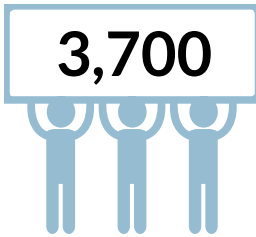
Number of people served with wrap around services:



Disaster preparedness branch manager did two radio interviews on carbon monoxide safety



Number of people educated on carbon monoxide:



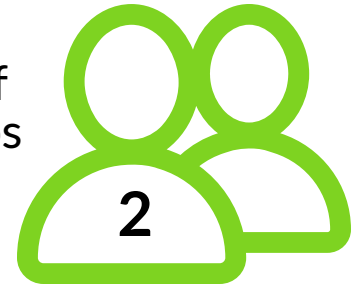
Number of community events attended:
7



Carbon monoxide detectors provided:



Number of AmeriCorps members:



BRDHD Disaster Preparedness staff aided Warren County Emergency Response following the December 2021 tornados

BRDHD by the Numbers

Our Accomplishments: Information Technology

The figures below represent calls received from external numbers from June 2021 – July 2022:

- Barren = 19,116
- Butler = 6,155
- Edmonson = 6,900
- Hart = 10,814
- Logan = 11,854
- Metcalfe = 7,451
- Simpson = 8,011
- Warren = 75,172

Implemented MFA (Multi Factor Authentication) for Windows and VPN logons

Developed several new Redcap projects for data collection

Full disk encryption project currently underway



Implemented a cloud faxing solution for district office, Butler, and Barren counties



145,473
total calls to
BRDHD health
departments



Migrated to a more robust antivirus solution

BRDHD by the Numbers

Our Accomplishments: Marketing and Communications

- BRDHD's Tobacco PSAs aired on WNKY, WBKO, and through paid Facebook advertisements
- BRDHD's Carbon Monoxide PSA aired on WNKY and through a paid Facebook advertisement
- BRDHD utilized digital advertising (through online streaming services) with WNKY, WBKO, and Forever Communications to air PSAs and agency advertisements

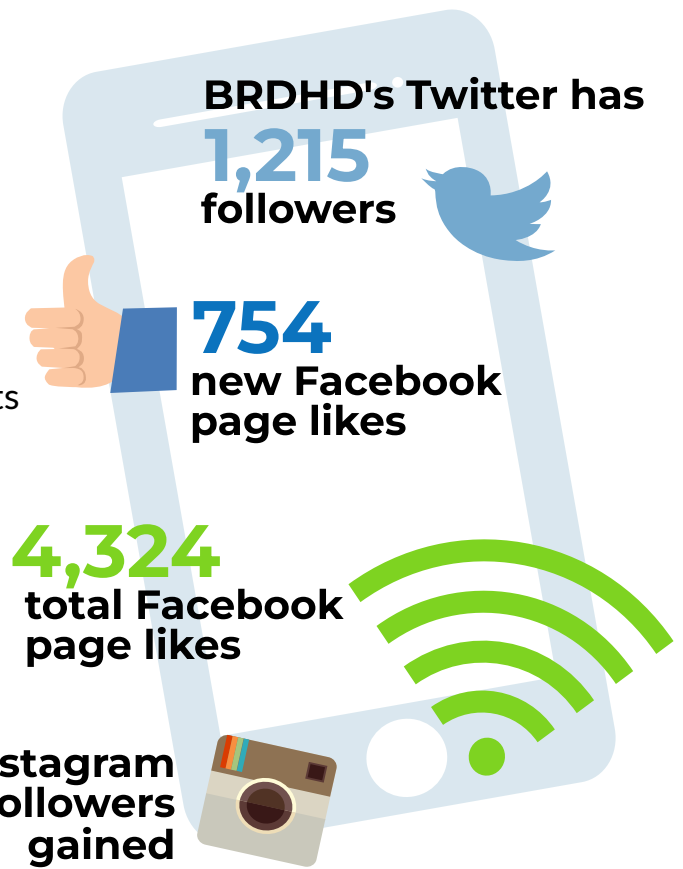


Our Facebook posts reached **219,463** people

We had **13,036** visits to our Facebook page



Our website received **65,671** visits



BRDHD's Twitter has **1,215** followers

754 new Facebook page likes

4,324 total Facebook page likes

26 Instagram followers gained

889,036 people reached through paid advertisements on Facebook & Instagram

Barren River

DISTRICT HEALTH DEPARTMENT

Barren, Butler, Edmonson, Hart, Logan,
Metcalfe, Simpson, and Warren Counties



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