

BEAR RIVER HEALTH DEPARTMENT

2021 ANNUAL REPORT

An aerial photograph of the Bear River Health Department building, a modern multi-story structure with a flat roof and large windows. The building is surrounded by greenery and a paved parking lot. In the foreground, there are three flagpoles, one of which has the American flag flying. The scene is captured during sunrise, with a warm, golden glow over the building and the surrounding area. The background shows a residential neighborhood and distant mountains under a clear sky.

Bear River
Health
Department

**CELEBRATING
50 YEARS**
1971 - 2021

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OUR MISSION STATEMENT:

Prevent disease, promote healthy lifestyles,
and protect the community & environment.

OUR VISION:

Healthy People in Healthy Communities



PUBLIC HEALTH

THROUGH THE YEARS



PREVENT

PROTECT

PROMOTE

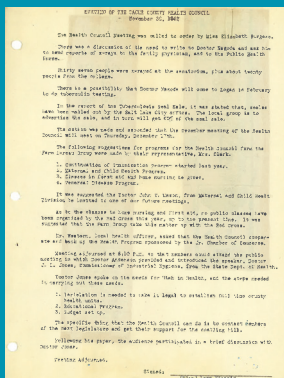
CELEBRATING
50 YEARS
1971 - 2021

1849

BRIGHAM YOUNG
"SOCIETY OF HEALTH"

1942

TB TESTING
BY XRAY



AUG 27,
1971

FIRST BOARD OF
HEALTH MEETING

MAR 6,
1973



DR JOHN
BAILEY
HIRED

1986

HOME VISITATION
RELINQUISHED

1996

BRHD LOCAL
AUTHORITY
FOR
SUBSTANCE
ABUSE



2003



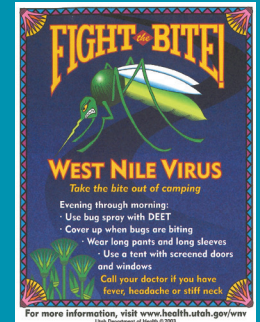
BRHD HIRES
THE 1ST
COMMUNITY
HEALTH
WORKER
TO ADDRESS
HEALTH
DISPARITIES

2004

DR JOHN BAILEY
RETIRES,
LLOYD BERENTZEN
HIRED



2005



MOSQUITO
ABATEMENT

2017

WIC RECEIVES
NATIONAL
BREASTFEEDING
AWARD



DEC 3,
2020

FIRST COVID-19 VACCINE
GIVEN IN THE BEAR RIVER
HEALTH DISTRICT

OCTOBER 2020

LLOYD BERENTZEN
ANNOUNCES HIS
RETIREMENT AS
HEALTH OFFICER



APRIL 2021
LLOYD BERENTZEN
RETIRES AS THE
HEALTH OFFICER
FOR BRHD

CACHE COUNTY HEALTH
COUNCIL CREATED

Bill Proposes
Health Units
For Counties
State Hygiene Chief
Reveals Plans
For Enabling Law

1900s

BEAR RIVER
HEALTH DISTRICT
FORMED THROUGH
MULTICOUNTY
RESOLUTION



MAY 7,
1971



BRHD
CAR SEAT
RENTAL
PROGRAM
STARTED

1970s

FLAGSHIP
BUILDING
NAMED THE
JOHN C BAILEY
BUILDING
IN 2004



1989



FEDERAL
BIOTERRORISM
CONTRACT

2002



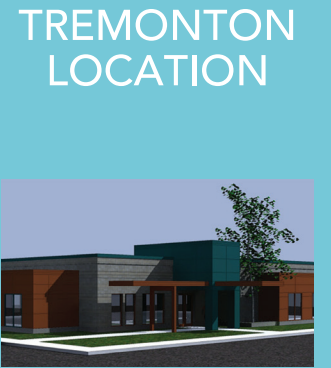
H1N1

2009



CACHE COUNTY
MUDSLIDE
RESPONSE

2009



TREMONTON
LOCATION

2012



AIR QUALITY
EMISSIONS
TESTING

2014

GROCERY
STORES
CREATE
"HEALTHY
CHECKOUT
LANES" TO
ENCOURAGE
HEALTHFUL
BEHAVIORS



2018



1ST CASE OF
COVID-19
IN THE BEAR RIVER
HEALTH DISTRICT

MAR 17,
2020

JORDAN
MATHIS
NAMED AS
THE NEW
HEALTH
OFFICER
FOR BRHD



JAN 1,
2021

BOARD OF HEALTH



Sara V. Sinclair
Retired Health Care
Administrator



Dr. Ed Redd
Retired Physician



Jeff Scott
Box Elder County
Commissioner



Kevin Hall
Owner, Peach City
Restaurant



Cade Palmer
Chief Deputy, Box Elder
County Sheriff's Office



David Zook
Cache County Executive



Cheryl Attwood
Executive Director
Options for Independence



James Swink
Attorney



Bill Cox
Rich County
Commissioner

A MESSAGE FROM OUR DIRECTOR

In 2021 the Bear River Health Department celebrated 50 years of serving the communities of Box Elder, Cache, and Rich counties. In addition to its anniversary celebration, the department also saw a change of leadership with the appointment of a new Health Officer, Senior Support Officer, and Medical Director. To top it all off, the health department resumed all regular public health services to the public while continuing to respond to the global COVID-19 pandemic; most notably administering over 100,000 COVID-19 vaccine doses.



Jordan D. Mathis
Executive Director/
Health Officer

Not only did 2021 not bring the relief from the global COVID-19 pandemic we all had hoped for, but the virus continued to disproportionately impact individuals whose health was already compromised for one reason or another; reemphasizing the need for all of us, collectively and individually, to maintain or improve our baseline health.

In focusing on maintaining or improving baseline health we need to keep two realities in mind. One, we will never be able to eliminate all underlying health issues. There is always going to be some background-level of underlying health issues that will persist in a population. However, there is hope in the fact that many of these issues can be successfully managed and improved through lifestyle adjustments and proper medical care.

The second reality to remember is that maintaining or raising both collective and individual health is a long-term strategy made up of small incremental but consistent efforts over a long period of time. Moderation rather than extremism is the key to maintaining and improving baseline health, for both individuals and populations. Although this will take effort and is not something that can be realized overnight, there really is no greater goal worth striving for. After all, our greatest wealth is our health.

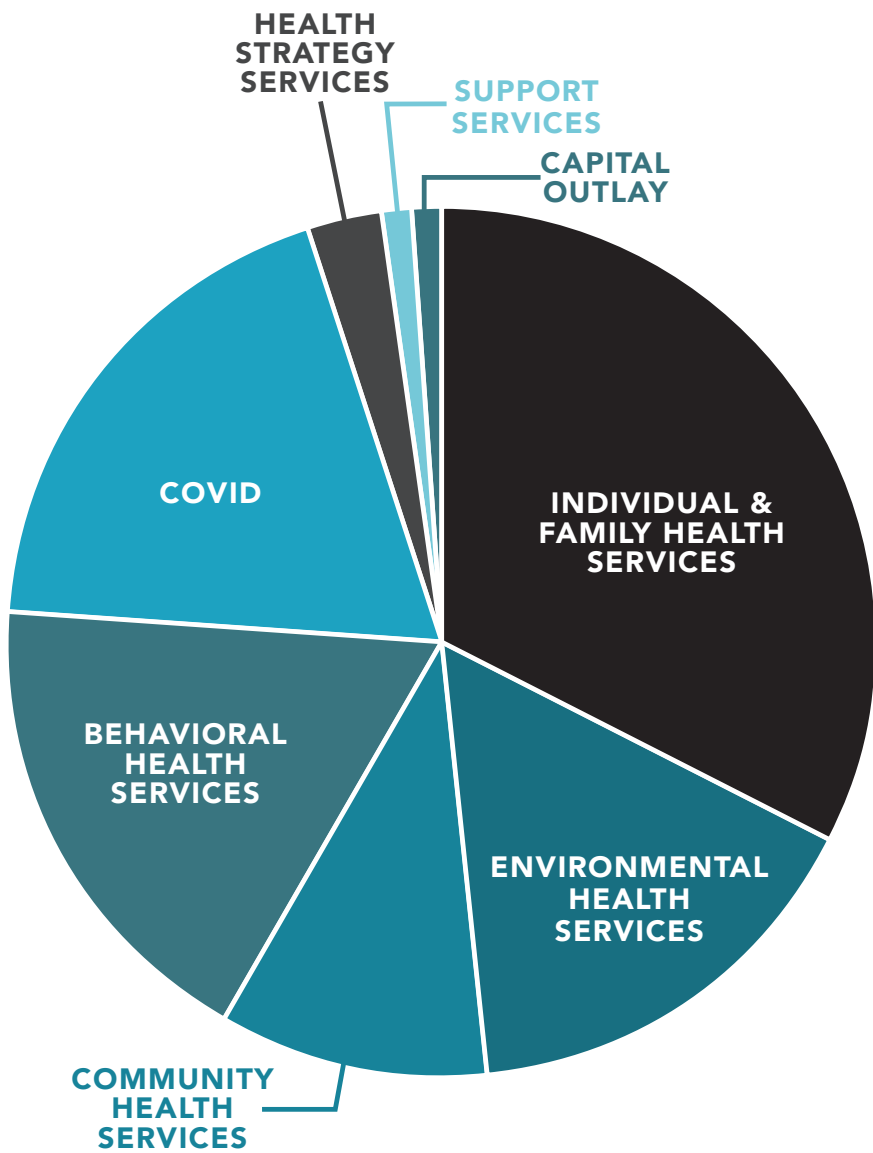
The greatest growth always flows from our greatest challenges. I hope we use the challenges posed by the past two years and leverage them to our advantage by building and strengthening our individual and collective baseline health and well-being as we look forward to the next 50 years.

Sincerely,

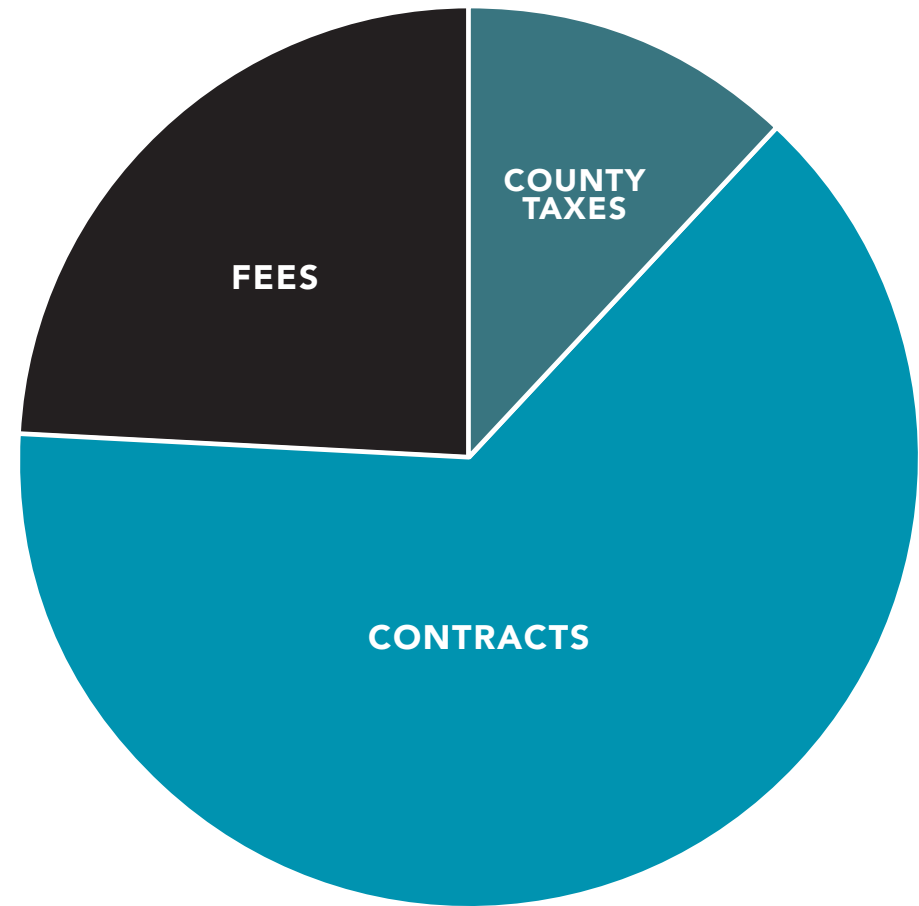
Jordan D. Mathis
Executive Director / Health Officer

BUDGET EXPENDITURES

- 33% Individual & Family Health Services – \$4,216,971.22
- 16% Environmental Health Services – \$2,040,301.10
- 10% Community Health Services – \$1,242,948.61
- 18% Behavioral Health Services – \$2,274,095.29
- 19% Covid – \$2,440,945.81
- 3% Health Strategy Services – \$331,905.16
- 1% Support Services – \$171,937.39
- 1% Capital Outlay – \$182,343.79
- TOTAL:** \$12,901,448.37



REVENUE



- 12% County Taxes – \$1,689,029.00
- 64% Contracts – \$8,852,511.15
- 24% Fees – \$3,241,857.17
- TOTAL:** \$13,783,397.32

GOAL #1

THE HEALTHIEST PEOPLE

The Bear River Health Department established a new organizational structure in 2021 to better support our strategic goals. At the heart of our reorganization were three principal areas of focus; (1) servicing the public, (2) health outcomes, and (3) leadership.

As a public health department, we have a statutory obligation to serve the members of our community in a way that maintains or improves individual and population health outcomes. To accomplish this requires consistently focusing on making data-driven decisions. Without constant evaluation and application of evidence-based data to guide efforts towards improved health outcomes, the department will never know if it has reached the lofty goal of having the Bear River Health District residents be among the healthiest in the state.

To help support data-driven decisions, the department created a Health Strategy Team, whose primary objective is to assist staff across the department in developing and evaluating data-driven health strategies focused on improving health outcomes. This team is led by a Lead Health Strategist who coordinates the team's efforts in performing a regular comprehensive Community Health Assessment (CHA) that will then be used to inform the collaborative development of a Community Health Improvement Plan (CHIP). This plan will help drive the overall health strategy of the department within the community to address health needs, health disparities, or issues of health equity within the community.



THE PEOPLE OF THE BEAR RIVER HEALTH DISTRICT WILL BE AMONG THE HEALTHIEST IN THE STATE.

In addition to the formation of the Health Strategy Team, health department divisions have been realigned to better serve the community. For example, what was once known as the Health Promotion Division is now Community Health Services, housing the COVID-19 services, disease investigation services, and many community-focused prevention services. Individual and Family Health Services combined all our clinical-based services such as immunizations, immigration physicals, Women, Infant, & Children (WIC), and others into a single integrated clinical-

services area. Behavioral Health Services are available to anyone seeking substance abuse and mental health treatment. Last but not least, Environmental Health Services focus on preventing disease and protecting the environment that creates the beautiful place we call home.

With a renewed focus on data-driven health outcomes and an organizational structure to support that focus, Bear River Health Department will be a leader in helping the communities we serve to become among the healthiest in Utah.



COUNTY HEALTH RANKINGS (OF THE 17 COUNTIES IN UTAH, 2021)

COUNTY	RANKING
Cache County	#6
Rich County	#8
Box Elder County	#11



LEADING CAUSES OF DEATH

The information below represents the age-adjusted rate for the 10 most common causes of death in the Bear River Health District per 100,000 population. (Data was obtained from IBIS-PH, Utah's Public Health Data Resources, for 2020)

CAUSE OF DEATH	BRHD	TREND	UTAH	TREND
Heart Disease	172.25	↑	155.62	↑
Cancer	110.83	↓	119.5	↓
Alzheimer's Disease	59.56	↑	42.84	↑
Unintentional Injury	51.9	↑	49.41	↑
COVID-19	39.84	↑	48.64	↑
Stroke	34.51	↓	34.03	↓
Diabetes	33.31	↑	27.26	↑
Chronic Lower Respiratory Disease	19.47	↓	32.75	↑
Suicide	18.59	↑	20.79	↑
Influenza & Pneumonia	12.24	↑	10.12	↑

GOAL #2

A GREAT ORGANIZATION

THE BRHD WILL BE RECOGNIZED AS A LEADER IN PUBLIC HEALTH FOR ITS EXCELLENT PERFORMANCE.

In 2018, the Bear River Health Department (BRHD) began our journey to become an accredited health department. Accreditation means excellence. The BRHD pursued this effort to assure that as an agency, we:



Promote a culture of quality and performance improvement.

Increase our capacity to respond to public health emergencies and threats.

Encourage the use of health equity as a lens to identify health priorities.

Strengthen relationships with our partners to better serve the community.

After applying for accreditation, the BRHD went through a department-wide process of identifying and uploading documents that demonstrated our conformity to the standards and measures outlined by the Public Health Accreditation Board (PHAB).

TIMELINE:

- On February 4, 2020, 330 documents representing 100 standards were uploaded to demonstrate our competence.
- Of these, 69 documents were reopened in March 2020, asking for additional detail or clarification. Given that the health department was in the middle of responding to the COVID-19 pandemic, additional time was requested to gather the needed information.
- In June 2020, PHAB responded to the completeness of our submission and again asked for additional documents. This process was completed in 2021, and in September, the BRHD requested a date for a site visit review.
- Since the COVID-19 pandemic was still a public health concern, the three-day site visit was conducted virtually in November 2021.
- An announcement regarding our accreditation approval is anticipated in March of 2022.
- A summary of the results from the site visit is noted in the table below:

FINAL SCORE – CATEGORY	NUMBER OF STANDARDS
Fully Demonstrated	50
Largely Demonstrated	45
Slightly Demonstrated	4
Not Demonstrated	1
TOTAL	100

Of the 100 standards scored, 95% were either “largely or fully demonstrated” by the PHAB site review team.

GOAL #3

COMMUNITY PARTNERSHIPS



THE BRHD WILL STRENGTHEN RELATIONSHIPS THAT WILL RESULT IN THE IMPROVED HEALTH OF OUR CITIZENS.



While the BRHD staff have worked tirelessly to ensure the health and safety of our communities during the COVID-19 pandemic. Our many partners have gone above and beyond to assist in protecting our community members' health and safety.

In particular, the Medical Reserve Corps deserves significant recognition as they have volunteered nearly 11,000 hours of service for local COVID-19 vaccine efforts during 2021. Additionally, local pharmacies and healthcare providers delivered over 100,000 doses of the COVID-19 vaccines to the community.

School districts, emergency medical service groups, community & faith-based organizations, worksites, Utah State University, local governments, and many others worked closely with the BRHD this past year to prevent disease and protect and promote health. These great groups of people and organizations have given much during the past two years. Because of their dedication, the BRHD continued to provide regular public health services to the community during the COVID-19 pandemic. A huge thank you to each of them for their dedication to the health and safety of our communities!

A GLANCE AT THE SERVICES PROVIDED BY THE BRHD DURING 2021

SERVICES PROVIDED

2019

2020

2021

% CHANGE FROM LAST YEAR

STI cases investigated

389

419

595

↑ 42%

TB monitoring & follow-up visits

115

63

100

↑ 59%

TB screenings conducted

2,935

1,968

2,425

↑ 23%

Immigration visits conducted

261

132

163

↑ 23%

Immunizations administered (non-COVID)

24,518

20,226

21,411

↑ 6%

Food truck permits issued

53

46

60

↑ 30%

Food establishment permits issued

608

629

643

↑ 2%

Routine food site inspections

1,084

957

912

↓ 5%

Food handler permits issued

5,321

4,046

5,440

↑ 34%

Total septic tank permits granted

282

279

428

↑ 53%

Vehicles that failed emissions tests repaired

357

270

134

↓ 50%

Vehicles that failed emissions tests replaced

73

82

31

↓ 62%

Individual women served in WIC program

912

804

755

↓ 6%

Individual infants served in WIC program

817

742

686

↓ 8%

Individual children served in WIC program

2,086

1,772

1,727

↓ 3%

SERVICES PROVIDED

2019

2020

2021

% CHANGE FROM LAST YEAR

Individuals treated for substance abuse disorders with Medicated Assisted Therapy

76

61

55

↓ 10%

Individuals provided mental health services

84

190

215

↑ 13%

Individuals provided substance abuse treatment

1,197

1,258

1,215

↓ 3%

Individuals that successfully completed their behavioral health treatment

379

360

564

↑ 57%

Individuals who completed the National Diabetes Prevention Program

85

79

20

↓ 75%

Total tobacco retailers checked for compliance to underage sales laws

149

47

152

↑ 223%

Calls to BRHD after hour emergency line

71

585

288

↓ 51%

COVID-19 investigations conducted by BRHD

-

14,325

10,417

↓ 27%

COVID-19 vaccines administered by BRHD

-

1,258

131,397

NA

COVID-19 vaccines distributed to BRHD community partners

-

1,707

120,064

NA

Total organizations for which BRHD served as PPE provider

-

119

56

↓ 53%

Medical Reserve Corps hours served

104

349

10,997

↑ 3,051%

GOAL #4

INCREASE ACCESS TO SERVICES

Over the past couple of years, the BRHD has enhanced its capacity to offer more convenient services to the community.

One of those services is offering health education and prevention classes virtually. Virtual learning has been highly successful for the National Diabetes Prevention Program (DPP) and Driving Under the Influence (DUI) & Minor in Possession (MIP) classes. Furthermore, as BRHD has gone virtual, the National DPP at BRHD has been awarded Full Plus status from the CDC. Demonstrating that our program meets the CDC's strict standards and performance criteria and can effectively deliver a diabetes lifestyle change program.

Behavioral Health provided virtual counseling sessions for mental health and/or substance abuse treatment. Suicide Prevention Classes have also

Individual and Family Health Services implemented a curbside option for WIC services, immunizations & even vital records. Telehealth visits are now an option for all families using WIC and those seeking home visitations. Environmental Health Services continues to offer digital forms and has added online payment options for greater customer convenience. Vaccine clinics and testing stations were made available throughout the Bear River Health District by our COVID team to ensure greater access to all. An additional 4 Community Health Workers means the BRHD is better able to provide health resources and services to underserved individuals and communities within our jurisdiction.



THE BEAR RIVER HEALTH DISTRICT WILL CONNECT THE COMMUNITY TO SERVICES THAT ARE CONVENIENT.

become more convenient in that they are taught virtually or on site as workplaces request. Almost 70% of all Suicide Prevention Trainings took place at worksites (often during the lunch hour), and 30% were done virtually.





BEAR RIVER HEALTH DISTRICT SOCIO-DEMOGRAPHIC SNAPSHOT



INCOME (2020, US CENSUS)

Average Household Income.

CACHE
\$59,038

BOX ELDER
\$62,233

RICH
\$57,902

POPULATION BY COUNTY (2020, US CENSUS)

CACHE
133,154

BOX ELDER
57,666

RICH
2,510



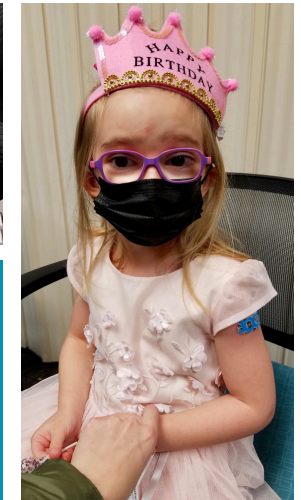
EDUCATION (2020, US CENSUS)

Percentage of the population, ages 25 years and older with a high school degree.

CACHE
93.1%

BOX ELDER
93.1%

RICH
95.7%



POVERTY (2020, US CENSUS)

Percentage of residents who live below poverty level.

CACHE
13.1%

BOX ELDER
7.5%

RICH
9.3%

HEALTH INSURANCE (2020, US CENSUS)

Percentage of the population under age 65 without health insurance coverage.

CACHE
9.4%

BOX ELDER
10.1%

RICH
10.6%



LOCATIONS

LOGAN

655 E 1300 N
435.792.6500

GARDEN CITY

115 S BEAR LAKE BLVD.
435.881.3383

LOGAN (SOUTH)

635 S 100 E
435.792.6500

RANDOLPH

275 N MAIN
435.793.2245

ENVIRONMENTAL HEALTH

85 E 1800 N
435.792.6570

TREMONTON

440 W 600 N
435.257.3318

BRIGHAM CITY

817 W 950 S
435.734.0845