

# Buchanan County, IA

## Community Health Improvement Plan

Date Updated: June 1, 2019



For additional information, CONTACT:

Name	Organization	Phone	Email
Buchanan County, IA	Buchanan County Public Health Department	319-332-0860	publichealth@co.buchanan.ia.us

# Community Priority

## Promote Healthy Behaviors

**Goal #1** By 2020, increase healthy behaviors among residents of Buchanan County.

National Alignment: National and weight status/Physical Activity/Health-Related Quality of Life & Well-Being

State Alignment: Healthy Living

Objective 1-1	Decrease overweight/obesity rates in Buchanan County adults from 72% to State average of 67% by 2020 (rates are according to 2011 Buchanan County Health Snapshot).	Baseline Year	Baseline Value	Target Year	Target Value
		2011	72	2020	67

Report Date  
Jun 1, 2019

Year  
2018/19

Value  
33%

Progress on Objective

Met, trend in right direction     Not met, trend in right direction

Met, no trend     Not met, no trend

Met, trend in wrong direction     Not met, trend in wrong direction

Progress notes: Data source changed to County Health Rankings & Roadmaps. Rate in 2017 with this sources was 35%.

Strategy 1-1.1 By 2020, LPHA representative will participate with community meetings focusing on improving healthy lifestyle choices, such as: Buchanan County Four Seasons Trails, Indee-go Healthy, and others are requested.

Strategy Type: Address Social Determinant / Health Inequity

Who's Responsible: Buchanan County Public Health (BCPH) and community partners

Target Date: Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete     On track     Off track     No progress

Progress notes: BCPH continues to participate with community groups who focus on improving healthy lifestyle choices.

Strategy 1-1.2 By 2020, increase awareness of related health concerns due to obesity among Buchanan County residents through health promotion campaigns.

Strategy Type: Counseling & Education

Who's Responsible: BCPH and community partners

Target Date: Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete     On track     Off track     No progress

Progress notes: BCPH continues to promote healthy living through press releases, presentation, and slides given to IndyTel (local television station) and Independence Public Library.

**Goal #2** By 2020, rates of substance abuse among Buchanan County residence will decrease.

National Alignment: Tobacco Use/Substance Abuse

State Alignment: Addictive Behaviors

Objective 2-1	Binge drinking rates in Buchanan County will decreased from 26% to 21% by 2020 (rates are according to 2011 Buchanan County Health Snapshot).	Baseline Year	Baseline Value	Target Year	Target Value
		2011	26%	2020	21%

Report Date

Jun 1, 2019

Year

2018/19

Value

22%

Progress on Objective

- Met, trend in right direction
- Not met, trend in right direction
- Met, no trend
- Not met, no trend
- Met, trend in wrong direction
- Not met, trend in wrong direction

Progress notes: Data source County Health Rankings & Roadmaps. Rate in 2017 with this sources was 20%.

Strategy 2-1.1 By 2020, increase awareness of related health concerns and risk taking behavior due to binge drinking among Buchanan County residents through health promotion campaigns.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

- Complete
- On track
- Off track
- No progress

Progress notes: Buchanan County has formed a substance abuse prevention coalition which will address drug and alcohol abuse.

Objective 2-2 Smoking Tobacco rates will decrease from 25% to 20% by 2020 (rates are according to 2011 Buchanan County Health Snapshot).

Baseline Year	Baseline Value	Target Year	Target Value
2011	25%	2020	20%

Report Date

Jun 1, 2019

Year

2018/19

Value

16%

Progress on Objective

- Met, trend in right direction
- Not met, trend in right direction
- Met, no trend
- Not met, no trend
- Met, trend in wrong direction
- Not met, trend in wrong direction

Progress notes: BCPH is a part of the substance abuse prevention coalition which will address all nicotine products. Rates per County Health Rankings & Roadmaps was 15% in 2017.

Strategy 2-2.1 By 2020, increase awareness of related health concerns due to nicotine use among Buchanan County residents through health promotion campaigns.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH, Buchanan County Tobacco Coalition, and community partners

Target Date  
Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

- Complete
- On track
- Off track
- No progress

Progress notes: BCPH is a part of the substance abuse prevention coalition. We post information online and disperse materials provided by IDPH on nicotine use and harmful side effects.

Strategy 2-2.2 By 2020, promote nicotine free workplaces in Buchanan County.

Strategy Type  
Environmental / Policy / Systems Change

Who's Responsible  
BCPH, Buchanan County Tobacco Coalition, and community partners

Target Date  
Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: The Buchanan County Tobacco Free Coalition has merged with another group. Nicotine-Free environments remain important, yet other targets have become a priority as this becomes a common practice.

Goal #3 By 2020, decrease chronic disease among residents of Buchanan County.

National Alignment

Heart Disease and Stroke/Diabetes/Respiratory Disease/Health-Related Quality of Life & Well-Being

State Alignment

Chronic Disease

Objective 3-1 Hospitalization rates for Buchanan County residents due to heart attack will decrease from 22 to 20 by 2020 (rates are according to 2011 Buchanan County Health Snapshot).

Baseline Year	Baseline Value	Target Year	Target Value
2011	22	2020	20

Report Date

Jun 1, 2019

Year

2017

Value

20.75

Progress on Objective

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Rates per IDPH Tracking Portal. In 2016 Buchanan County's crude rate was 19.05.

Strategy 3-1.1 By 2020, increase awareness of health promotion activities to decrease heart attack risk.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH is working with a group to promote wellness activities and a healthy lifestyle among Buchanan County employees. Additionally we are working with other community partners who promote healthy living.

Objective 3-2 Decrease rates of diabetes among Buchanan County adults from 13% to 10% by 2020 (rates are according to 2011 Buchanan County Health Snapshot).

Baseline Year	Baseline Value	Target Year	Target Value
2011	13%	2020	10%

Report Date

Jun 1, 2019

Year

2018/19

Value

10%

Progress on Objective

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Data per County Health Rankings and Roadmaps.

Strategy 3-2.1 By 2020, LPHA representative will participate with community meetings focusing on improving healthy lifestyle choices, such as: Buchanan County Four Seasons Trails, Indee-go Healthy, and others are requested.

Strategy Type

Address Social Determinant / Health Inequity

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: BCPH continues to participate with local partners who work towards increasing wellness opportunities in Buchanan County.

Strategy 3-2.2 By 2020, increase awareness of risk of diabetes due to obesity among Buchanan County residents through health promotion campaigns. Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: Articles have been published in local newspapers regarding diabetes risk and prevention. Health promotion slides submitted to IndyTel and the Independence Public Library. BCPH will be utilizing Iowa's Statewide Strategy (SWS) Plans as we continue to work towards this objective.

Objective 3-3	Hospitalization rates for Buchanan County residents due to stroke will decrease from 19 to 16 and death rates will decrease from 47 to 42 by 2020 (rates are according to 2011 Buchanan County Health Snapshot).	Baseline Year	Baseline Value	Target Year	Target Value
		2011	19 & 47	2020	16 & 42

Report Date  
Jun 1, 2019

Year  
2011-2015

Value  
18/2

Progress on Objective  
 Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: \*\*New data source used for this objective. (Single County Health Indicators Report from IDPH. Rate noted in this objective is per 10,000)

Strategy 3-3.1 By 2020, increase awareness of health promotion activities to decrease risk of stroke. Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: Articles published in local newspapers and informational slides given to IndyTel and Independence Public Library regarding stroke detection and prevention.

Objective 3-4	By 2020, reduce the percentage of Buchanan County students in 6th, 8th, and 11th grade who have experienced sadness or hopelessness resulting in decreased normal activity lasting 2 weeks or more in the past 12 months by 2% for 6th and 8th graders and 5% for 11th graders (Iowa Youth Survey 2012 reports 15% of 6th graders, 10% of 8th graders, & 24% of 11th graders).	Baseline Year	Baseline Value	Target Year	Target Value
		2012	15%/10%/24%	2020	13%/8%/19%

Report Date  
Jun 1, 2019

Year  
2016

Value  
16%/14%/28%

Progress on Objective  
 Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Data from 2016 Iowa Youth Survey shows a decrease in the percentage of 8th grade students, while 6th and 11th grade students showed an increase from 2014 data.

Strategy 3-4.1 By 2020, increase parental awareness of signs and symptoms of youth depression.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: Information distributed to schools, newspapers and other public entities providing information on youth depression; including how to recognize signs & symptoms and suicide/crisis hot lines.

Objective 3-5 Decrease rate of asthma diagnosis among youth in Buchanan County from 43% to 38% by 2020 (rates are according to 2011 Buchanan County Health Snapshot).

Baseline Year	Baseline Value	Target Year	Target Value
2011	43%	2020	38%

Report Date  
Jun 1, 2019

Year  
2017

Value  
See Progress notes

Progress on Objective

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Diagnosis rates no longer available. Buchanan County rates of ED visits related to Asthma in 2017 were 55.21 in 0-4 age range and 28.61 for 5-14 age range (per 10K). Hospitalization rates suppressed. Data per IDPH Tracking Portal.

Strategy 3-5.1 By 2020, increase awareness of environmental risks and other contributing factors related to asthma.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: Educational information provided to IndyTel, Independence Library, schools and local newspapers regarding environmental risks, signs & symptoms, and preventative measures of asthma.

# Community Priority

## Prevent Injury

**Goal #1** By 2020, reduce unintentional injuries of Buchanan County Residents.

National Alignment

Injury and Violence Prevention

State Alignment

Injury and Violence

**Objective 1-1** Decrease hospitalizations related to falls in Buchanan County residents from 379 (from 2009 to 2013) by 5% (from 2014 to 2018) (rates are according to IDPH report-Falls in Iowa: County Deaths and Hospitalizations 2009-2013 data).

Baseline Year	Baseline Value	Target Year	Target Value
2009-13	379	2018	360

Report Date

Jun 1, 2019

Year

2011-2015

Value

33

**Progress on Objective**

- |  |  |
|--|--|
| <input type="checkbox"/> Met, trend in right direction | <input type="checkbox"/> Not met, trend in right direction |
| <input checked="" type="checkbox"/> Met, no trend      | <input type="checkbox"/> Not met, no trend                 |
| <input type="checkbox"/> Met, trend in wrong direction | <input type="checkbox"/> Not met, trend in wrong direction |

Progress notes: \*\*New data source used for this objective. (Single County Health Indicators Report from IDPH. Rate noted in this objective is per 10,000)

**Strategy 1-1.1** By 2018, increase awareness of risk factors related to falls among Buchanan County residents through health promotion campaigns targeting the aging population.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2018

Report Date

Jun 1, 2019

**Progress on Strategy**

- Complete  On track  Off track  No progress

Progress notes: BCPH working with community partners on committees such as IndeeGo Healthy. Healthy aging is a target area for this group.

**Objective 1-2** Due to 1/3 of Buchanan County Residents commuting for employment (according to Grow Buchanan Economic Development 2013 Annual Report), decrease Motor Vehicle Accident (MVA) deaths by 5% (from 2012 to 2016) (current data shows 17 MVA related deaths from 2007 to 2011)(rates are according to 2013 Iowa Health Fact Book).

Baseline Year	Baseline Value	Target Year	Target Value
2007-11	17	2017	16

Report Date

Jun 1, 2019

Year

2013-2017

Value

11

**Progress on Objective**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Met, trend in right direction | <input type="checkbox"/> Not met, trend in right direction |
| <input type="checkbox"/> Met, no trend                            | <input type="checkbox"/> Not met, no trend                 |
| <input type="checkbox"/> Met, trend in wrong direction            | <input type="checkbox"/> Not met, trend in wrong direction |

Progress notes: Value per Iowa Fact Book. County Health Rankings & Roadmaps indicates 34% of Buchanan County residents have a long commute to work and 79% drive alone to work.

**Strategy 1-2.1** By 2017, increase awareness of risk factors related to MVA among Buchanan County residents through health promotion campaigns.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2017

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: Educational information provided to IndyTel, Independence Library, schools and local newspapers.

Strategy 1-2.2 By 2017, increase awareness of unintentional risks assumed while operating a motor vehicle under the influence of mind altering substances. In 2013, approximately 60-1st offense, 13-2nd offense, and 4-3+ OWI offenses occurred. 45 drug related indictable misdemeanors and 21 drug related felonies occurred in Buchanan County (Buchanan County Attorney Data).

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2017

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: Data per Buchanan County Attorney's office from 2018 indicate there were a total of 128 1st (91), 2nd (29), & 3rd (8) offence OWI charges and 148 1st, 2nd, & 3rd offence drug possession charges in Buchanan County.

**Goal #2** By 2020, reduce intentional injuries among youth in Buchanan County.

National Alignment: Injury and Violence Prevention

State Alignment: Injury and Violence

Objective 2-1 By 2020, reduce the percentage of Buchanan County students in 6th, 8th, and 11th grade who have experienced bullying by 5%. (Iowa Youth Survey 2012 reports 53% of 6th graders, 56% of 8th graders, & 40% of 11th graders in the 30 days prior to survey) reported being called names, made fun of, or teased in a hurtful way.)

Baseline Year	Baseline Value	Target Year	Target Value
2012	53, 56, 40%	2020	5% less for each grade

Report Date  
Jun 1, 2019

Year  
2018

Value  
45%, 46%, 40%

Progress on Objective  
 Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Data per 2018 Iowa Youth Survey. Objective partially met. No change for 11th grade, decrease for 6th & 8th grade.

Strategy 2-1.1 By 2020, increase adult awareness of what constitutes bullying through health promotion campaigns.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: Bullying information sent to schools, newspapers, local television, and libraries.

Objective 2-2 By 2020, reduce percent of Buchanan County students in grades 6,8,11 who have in the past 12 months seriously considered suicide by 2% for 6th and 8th graders and 5% for 11th graders

(Iowa Youth Survey 2012 reports 5% of 6th graders, 6% of 8th graders, & 14% of 11th graders).

Baseline Year	Baseline Value	Target Year	Target Value
2012	5%/6%/14%	2020	Decrease baseline values by half

Report Date

Jun 1, 2019

Year

2018

Value

6%, 10%, 15%

**Progress on Objective**

- |  |   |
|--|---|
| <input type="checkbox"/> Met, trend in right direction | <input type="checkbox"/> Not met, trend in right direction            |
| <input type="checkbox"/> Met, no trend                 | <input type="checkbox"/> Not met, no trend                            |
| <input type="checkbox"/> Met, trend in wrong direction | <input checked="" type="checkbox"/> Not met, trend in wrong direction |

Progress notes: Data per 2018 Iowa Youth Survey.

Strategy 2-2.1

By 2020, increase parental awareness of signs and symptoms of youth depression.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date

Jun 1, 2019

**Progress on Strategy**

- Complete
  On track
  Off track
  No progress

Progress notes: Information sent to schools, newspapers, local television, and libraries.

# Community Priority

## Protect Against Environmental Hazards

**Goal #1** Identify water quality concerns among private well sources in Buchanan County by 2020.

National Alignment

Environmental Health

State Alignment

Environmental Health

**Objective 1-1** Through 2020, Buchanan County Environmental Health (BCEH) will test at a minimum of 200 private wells per year using Grant to Counties Funds.

Baseline Year	Baseline Value	Target Year	Target Value
2014	197	2020	200

Report Date

Jun 1, 2019

Year

2019

Value

298

**Progress on Objective**

- Met, trend in right direction     Not met, trend in right direction  
 Met, no trend     Not met, no trend  
 Met, trend in wrong direction     Not met, trend in wrong direction

Progress notes: The numbers provided above are the total number of well samplings completed, which includes multiple samples during same visit and resampling. In 2014, the total number of unique wells sampled was 150 and in 2019 it is 183 unique wells. The numbers provided for 2014 are for calendar year 2014 and the numbers provided for 2019 are to-date values for FY2019.

**Strategy 1-1.1** Through 2020, increase awareness among homeowners in Buchanan County of Grant To Counties funds available for private well water testing.

Strategy Type

Counseling & Education

Who's Responsible

BCEH and community partners

Target Date

Jan 1, 2020

Report Date

Jun 1, 2019

**Progress on Strategy**

- Complete     On track     Off track     No progress

Progress notes: BCEH has created promotional materials including magnets and tumblers to promote the services provided by the Grants to Counties program. BCEH has created press releases, participated in the annual Independence Farmer's Market Health & Wellness Fair, and participated in the State Hygienic Lab's Iowa Well Survey.

**Objective 1-2** Through 2020, a minimum of 15 abandoned well sources will be plugged each year by Buchanan County Environmental Health Department.

Baseline Year	Baseline Value	Target Year	Target Value
2014	20	2020	15

Report Date

Jun 1, 2019

Year

2019

Value

4

**Progress on Objective**

- Met, trend in right direction     Not met, trend in right direction  
 Met, no trend     Not met, no trend  
 Met, trend in wrong direction     Not met, trend in wrong direction

Progress notes: There has been a decrease in the demand for plugging abandoned water wells. This decrease should be expected as there are fewer wells to plug as the abandoned wells get plugged and this also corresponds to the stabilization of rural water in the area.

**Strategy 1-2.1** Increase awareness among contractors and homeowners in Buchanan County of Grant To Counties funds available to plug any unused or abandoned wells through 2020.

Strategy Type

Counseling & Education

Who's Responsible  
BCEH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

**Progress on Strategy**

Complete  On track  Off track  No progress

Progress notes: BCEH has created promotional materials including magnets and tumblers to promote the services provided by the Grants to Counties program. BCEH has created press releases and participated in the annual Independence Farmer's Market Health & Wellness Fair.

**Objective 1-3** Through 2020 Buchanan County Environmental Health will rehabilitate no less than 3 wells per year using Grant to Counties Funds.

Baseline Year	Baseline Value	Target Year	Target Value
2015	4	2020	3

Report Date  
Jun 1, 2019

Year  
2019

Value  
3

**Progress on Objective**

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: BCEH has continued to promote well rehabilitation while completing well tests.

**Strategy 1-3.1** Through 2020, increase awareness among contractors and homeowners in Buchanan County of Grant To Counties funds available to rehabilitate wells.

Strategy Type  
Counseling & Education

Who's Responsible  
BCEH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

**Progress on Strategy**

Complete  On track  Off track  No progress

Progress notes: BCEH has created promotional materials including magnets and tumblers to promote the services provided by the Grants to Counties program. BCEH has created press releases and participated in the annual Independence farmers market Health & Wellness Fair.

**Goal #2** Identify sources of indoor air quality concerns for Buchanan County residents by 2020.

National Alignment  
Environmental Health

State Alignment  
Environmental Health

**Objective 2-1** Between 2015 and 2020 a minimum of 100 homes per year will be tested for radon levels in Buchanan County .

Baseline Year	Baseline Value	Target Year	Target Value
2010	94	2020	100

Report Date  
Jun 1, 2019

Year  
2019

Value  
103

**Progress on Objective**

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: BCEH sold 103 radon test kits in FY19 and received results from 35 tests that were completed. BCEH does not have a method for tracking professional measurements and other short-term

test kits sold at retail stores.

Strategy 2-1.1 Increases radon testing and levels awareness among Buchanan County residents by tasks such as promoting Radon Awareness month and selling radon testing kits through 2020.

Strategy Type  
Counseling & Education

Who's Responsible  
BCEH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCEH hosts an annual radon workshop, a county-wide poster contest, and other radon month activities. BCEH also sells radon test kits at the annual Independence Farmers Market Health & Wellness Fair.

Strategy 2-1.2 By 2020, BCEH will begin the process of implementing ordinances which mandate radon mitigation practices in new home construction.

Strategy Type  
Environmental / Policy / Systems Change

Who's Responsible  
BCEH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCEH has worked to educate citizens on including radon-resistant construction, but has not created an ordinance.

Objective 2-2 By 2020 reduce carbon monoxide poisonings in Buchanan County by 33%.

Baseline Year	Baseline Value	Target Year	Target Value
2013	6	2020	4

Report Date  
Jun 1, 2019

Year  
2017

Value  
<4

Progress on Objective

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: According to IDSS less than 4 carbon monoxide poisoning occurred in Buchanan County during 2018.

Strategy 2-2.1 Increase awareness of methods to prevent carbon monoxide poisonings by 2020.

Strategy Type  
Counseling & Education

Who's Responsible  
BCEH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: Poisoning prevention information sent to schools, newspapers, local television, and libraries.

Strategy 2-2.2 Increase inventory of informational products related to carbon monoxide at the BCEH department for Buchanan County residents by 2020.

Strategy Type  
Counseling & Education

Who's Responsible  
BCEH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: BCEH and BCPH have information on carbon monoxide poisoning prevention. Additionally BCEH has Healthy Home booklets available which has information on many home hazards including lead and carbon monoxide.

Strategy 2-2.3 By 2020, BCEH will begin the process of implementing ordinances which mandate mitigation tactics for carbon monoxide infiltration in new home construction.

Strategy Type  
Environmental / Policy / Systems Change

Who's Responsible  
BCEH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: This strategy is on hold due to other department priorities.

**Goal #3** Increase awareness of lead testing recommendations in Buchanan County children prior to 36 months of age by 2020.

National Alignment

Environmental Health

State Alignment

Environmental Health

Objective 3-1 Increase childhood lead testing from 61% to 70% in Buchanan County children 36 months and under by 2020 (rates are according to Iowa Environmental Public Health Tracking Network).

Baseline Year	Baseline Value	Target Year	Target Value
2006	61%	2020	70%

Report Date  
Jun 1, 2019

Year  
2013

Value  
75%

Progress on Objective  
 Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Data per IDPH tracking portal (Under 3 Birth Cohort Blood Lead Testing-2014)

Strategy 3-1.1 By 2020, increase awareness of testing recommendations and effects of high lead levels.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: Lead information sent to schools, newspapers, local television, and libraries. Additionally BCEH has Healthy Home booklets available which has information on many home hazards including lead and carbon monoxide.

Strategy 3-1.2 Education homeowners on proper lead mitigation techniques through 2020.

Strategy Type  
Counseling & Education

Who's Responsible  
BCEH, BCPH and community partners

Target Date  
Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

Complete

On track

Off track

No progress

Progress notes: BCEH directs consumers to IDPH for information on proper lead mitigation.

# Community Priority

## Prevent Epidemics and the Spread of Disease

**Goal #1** Decrease spread of communicable diseases among Buchanan County residents by 2020.

National Alignment

Immunization and Infectious Disease

State Alignment

Acute Disease

**Objective 1-1** Reduce incidents of STDs by 10% among Buchanan County residents by 2020 (rates are according to Buchanan County IDSS report).

Baseline Year	Baseline Value	Target Year	Target Value
2014	69	2020	62

Report Date

Jun 1, 2019

Year

2018

Value

108

**Progress on Objective**

- Met, trend in right direction     Not met, trend in right direction  
 Met, no trend     Not met, no trend  
 Met, trend in wrong direction     Not met, trend in wrong direction

Progress notes: Data per IDSS (STD, Confirmed) from Jan 1, 2018 to Dec 31, 2018. (2017=70 confirmed cases, 2016=62 confirmed cases, 2015=42 confirmed cases)

**Strategy 1-1.1** By 2020, increase awareness of risk factors related STDs.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date

Jun 1, 2019

**Progress on Strategy**

- Complete     On track     Off track     No progress

Progress notes: Multiple articles in newspapers regarding STDs, including HIV. Condoms taken to high school educators to use for demonstration and education purposes. Allen Hospital provides safe sex education for area high school students.

**Objective 1-2** Reduce incidents of reportable communicable diseases by 10% among Buchanan County residents by 2020 (rates are according to Buchanan County IDSS report).

Baseline Year	Baseline Value	Target Year	Target Value
2014	20	2020	18

Report Date

Jun 1, 2019

Year

2018

Value

32

**Progress on Objective**

- Met, trend in right direction     Not met, trend in right direction  
 Met, no trend     Not met, no trend  
 Met, trend in wrong direction     Not met, trend in wrong direction

Progress notes: Data per IDSS (All Diseases, Confirmed minus STD data) for Buchanan County in 2018.

**Strategy 1-2.1** By 2020, increase awareness of risk factors related communicable diseases.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH continues to work with community partners to increase awareness of communicable disease risk factors.

**Goal #2** Increase vaccination rates of Buchanan County residents by 2020.

National Alignment

Immunization and Infectious Disease

State Alignment

Acute Disease

**Objective 2-1** Increase percentage of adults in Buchanan who receive the annual influenza vaccine from 40% to 45% by 2020 (rates are according to 2011 Buchanan County Health Snapshot).

Baseline Year	Baseline Value	Target Year	Target Value
2011	40%	2020	45%

Report Date  
Jun 1, 2019

Year

2018-2019

Value

30%

Progress on Objective

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: \*\*Different data source used.\*\* Data per IRIS. (County Health Rankings & Roadmaps Coverage at 49%) BCPH continues to promote season flu shots.

**Strategy 2-1.1** Offer seasonal influenza vaccinations within local work sites through 2020.

Strategy Type

Long-Lasting Protective Intervention

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH continues to provide worksite influenza vaccination clinics to businesses.

**Strategy 2-1.2** By 2020, increase awareness of influenza vaccine availability within Buchanan County.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH acts as a resource of information regarding vaccinations.

**Strategy 2-1.3** Educate Buchanan County residents regarding severity and complications related to seasonal influenza through 2020.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH distributes information to residents through press releases, IndyTel slides, presentations and one on one conversations.

Objective 2-2 By 2020, increase Buchanan County Adult vaccination rates by 5%, including Pneumococcal (46%, 2013), Tdap (72%, 2013), & Zoster (23%, 2013).

Baseline Year	Baseline Value	Target Year	Target Value
2013	46%/72%/23%	2020	51%/77%/28%

Report Date

Jun 1, 2019

Year

2019

Value

21%, 41%, 12%

Progress on Objective

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Data from IRIS.

Strategy 2-2.1 By 2020, increase awareness of recommended adult vaccinations.

Strategy Type

Counseling & Education

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH acts as a resource of information regarding vaccinations.

Objective 2-3 Increase percentage of 13-15 years olds who are up-to-date with recommended vaccine series (3 Hep B, 1 Meng., 2 MMR, 1 Td or Tdap, & 2 Varicella) from 53% to 60% by 2020 (rates are from the 2013 Iowa Immunization Program Annual Report).

Baseline Year	Baseline Value	Target Year	Target Value
2013	53%	2020	60%

Report Date

Jun 1, 2019

Year

2019

Value

78%

Progress on Objective

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Data per IRIS

Strategy 2-3.1 Continue vaccination of un- and under-insured adolescent population per on-demand scheduling and collaboration with local healthcare providers to coordinate services through 2020.

Strategy Type

Long-Lasting Protective Intervention

Who's Responsible

BCPH and community partners

Target Date

Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH continues to provide VFC vaccines to those who qualify, including home visits for our hard to reach Amish population.

Strategy 2-3.2 by 2020, increase parental awareness of recommended adolescent vaccinations.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH continues to promote adolescent vaccinations to residents.

Objective 2-4 Increase percentage of 13-15 years olds who are up-to-date with recommended HPV series from 38% for females and 21 % for males by 5% by the year 2020 (rates are from the 2013 Iowa Immunization Program Annual Report).

Baseline Year	Baseline Value	Target Year	Target Value
2013	38%/21%	2020	43%/26%

Report Date  
Jun 1, 2019

Year  
2019

Value  
46%/44%

Progress on Objective

Met, trend in right direction  Not met, trend in right direction

Met, no trend  Not met, no trend

Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Data per IRIS.

Strategy 2-4.1 Continue vaccination of un- and under-insured adolescent population per on-demand scheduling and collaboration with local healthcare providers to coordinate services through 2020.

Strategy Type  
Long-Lasting Protective Intervention

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH continues to provide vaccines for those who are eligible for VFC.

Strategy 2-4.2 By 2020, increase parental awareness of recommended HPV vaccination series.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: BCPH continues to promote the HPV vaccine for all adolescents.

Objective 2-5 Increase percentage of 2 years olds who are up-to-date with recommended vaccine series (3 DTap, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, 1 Varicella, & 4 PCV) from 82% to 85% by 2020 (rates are from the 2013 Iowa Immunization Program Annual Report).

Baseline Year	Baseline Value	Target Year	Target Value
2013	82%	2020	85%

Report Date  
Jun 1, 2019

Year  
2019

Value  
80%

Progress on Objective

Met, trend in right direction  Not met, trend in right direction

Met, no trend  Not met, no trend

Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: Data per IRIS. 2016 Data was at 78%.

Strategy 2-5.1 Continue vaccination of un- and under-insured child population per on-demand scheduling and collaboration with local healthcare providers to coordinate services through 2020.

Strategy Type  
Long-Lasting Protective Intervention

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: BCPH continues to provide vaccines for those who are eligible for VFC.

Strategy 2-5.2 By 2020, increase parental awareness of recommended childhood vaccinations.

Strategy Type  
Counseling & Education

Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy  
 Complete  On track  Off track  No progress

Progress notes: BCPH continues to promote all recommended childhood vaccinations.

# Community Priority

## Prepare for, Respond to, & Recover from Public Health Emergencies

**Goal #1** By 2020 decrease risk of injury and death related to all hazards.

National Alignment

Preparedness

State Alignment

Preparedness and Response

**Objective 1-1** Increase preparedness of the Health Emergency Coalition of Buchanan County partners as evidence by completion of emergency plans related to PHEP/HPP Capabilities and EMA Emergency Support Functions (ESF) by 2020.

Baseline Year	Baseline Value	Target Year	Target Value
2014	15% completed	2020	100% completed

Report Date  
Jun 1, 2019

Year  
2018

Value  
90%

Progress on Objective

- |  |   |
|--|---|
| <input type="checkbox"/> Met, trend in right direction | <input checked="" type="checkbox"/> Not met, trend in right direction |
| <input type="checkbox"/> Met, no trend                 | <input type="checkbox"/> Not met, no trend                            |
| <input type="checkbox"/> Met, trend in wrong direction | <input type="checkbox"/> Not met, trend in wrong direction            |

Progress notes: BPCH continues to meet with county preparedness partners along with sub-service area partners.

**Strategy 1-1.1** Ongoing collaboration among emergency preparedness partners for plan completion, including regular HECBC meetings/trainings/exercises through 2020.

Strategy Type

Environmental / Policy / Systems Change

Who's Responsible

BCPH, BCHC, BCEM, BCEH, EMS and community partners

Target Date

Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

- Complete  On track  Off track  No progress

Progress notes: BPCH continues to meet with county preparedness partners along with sub-service area partners.

**Objective 1-2** Creation of Medical Reserve Corps in Buchanan County with a minimum of 20 volunteers by 2020.

Baseline Year	Baseline Value	Target Year	Target Value
2015	0	2020	20

Report Date  
Jun 1, 2019

Year  
2019

Value  
0

Progress on Objective

- |  |  |
|--|--|
| <input type="checkbox"/> Met, trend in right direction | <input type="checkbox"/> Not met, trend in right direction |
| <input type="checkbox"/> Met, no trend                 | <input checked="" type="checkbox"/> Not met, no trend      |
| <input type="checkbox"/> Met, trend in wrong direction | <input type="checkbox"/> Not met, trend in wrong direction |

Progress notes: No progress due to limited amount of staff time able to be dedicated to this objective.

**Strategy 1-2.1** Assist MRC coordinator to develop, plan, implement, facilitate, and evaluate MRC unit through 2020.

Strategy Type

Long-Lasting Protective Intervention

Who's Responsible

BCPH, BCHC, BCEM, BCEH, EMS and community partners

Target Date

Jan 1, 2020

Report Date

Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: This strategy has been on hold due to a change and temporary decrease in staffing.

Objective 1-3

Assure emergency plans for Buchanan County target highest vulnerabilities through completion of HVA by 2018.

Baseline Year

2013

Baseline Value

Last HVA completed

Target Year

2018

Target Value

New HVA completed

Report Date

Jun 1, 2019

Year

2019

Value

HVA completed

Progress on Objective

Met, trend in right direction  Not met, trend in right direction  
 Met, no trend  Not met, no trend  
 Met, trend in wrong direction  Not met, trend in wrong direction

Progress notes: 2019 HVA has been completed.

Strategy 1-3.1

By 2018, HECBC partners will assess population vulnerabilities in relation to natural/man-made/terrorist risks.

Strategy Type

Address Social Determinant / Health Inequity

Who's Responsible

BCPH, BCHC, BCEM, BCEH, EMS and community partners

Target Date

Jan 1, 2018

Report Date

Jun 1, 2019

Progress on Strategy

Complete  On track  Off track  No progress

Progress notes: 2019 HVA has been completed.

# Community Priority

## Strengthen the Health Infrastructure

<b>Goal #1</b> Decrease the burden on the limited healthcare workforce in Buchanan County by 2020.	National Alignment	State Alignment
	Access to Health Services/Public Health Infrastructure/Health-Related Quality of Life & Well-Being	Access to Quality Health Services and Support

<b>Objective 1-1</b>	By 2020, decrease chronic and communicable diseases as noted in Promote Healthy Living and Prevent Epidemics & Spread of Disease Goals, Objectives, and Strategies, along with creation of MRC for surge capacity as noted in Prepare for, Respond to, & Recover from Public Health Emergencies Goal, Objectives, and Strategies.	Baseline Year	Baseline Value	Target Year	Target Value
		varied	See priorities above as noted	2020	See priorities above as noted

Report Date  
Jun 1, 2019

Year  
2018

Value  
NA

Progress on Objective

Met, trend in right direction     Not met, trend in right direction  
 Met, no trend     Not met, no trend  
 Met, trend in wrong direction     Not met, trend in wrong direction

Progress notes: See priorities as listing in other objectives and strategies.

<b>Strategy 1-1.1</b>	By 2020, increase awareness of healthy lifestyles among Buchanan County residents in order to decrease health related issues, decreasing the burden on the limited healthcare workforce in Buchanan County.	Strategy Type Counseling & Education
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Who's Responsible  
BCPH and community partners

Target Date  
Jan 1, 2020

Report Date  
Jun 1, 2019

Progress on Strategy

Complete     On track     Off track     No progress

Progress notes: Urgent care hours have been extended and healthcare offices have been actively recruiting more providers.