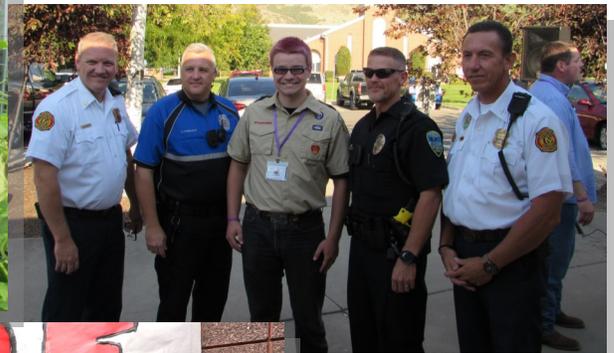


2014-2018 Community Health Improvement Plan
Davis County, Utah

Davis4Health 3rd Annual Progress Report



Prevent & Reduce Suicide

Prevent & Reduce Obesity

Improve Air Quality

Improve Access to Behavioral Health Services



Davis County Health Department
22 South State Street
Clearfield, Utah 84015
www.daviscountyutah.gov
801-525-5212

February 2017

Background

Purpose

The purpose of the 3rd Annual Davis4Health Davis County Community Health Improvement Plan (CHIP) Progress Report is to monitor progress toward the four health priorities identified by the community in 2013: 1) suicide, 2) obesity, 3) access to behavioral health services, and 4) air quality. Community partners began implementing the CHIP in 2014. This report documents progress made during the 3rd year of implementation. It also acknowledges partners for their contributions and recognizes the community's progress toward improving health in Davis County during 2016.

We have used the County Health Rankings Take Action Cycle as a model to guide the community health improvement process. This report documents that we are acting on what's important and evaluating our actions.



This report includes 2 categories of data designed to measure progress toward improving health. Short and long-term objectives are reported on using data collected from community partners. The objectives reflect how the community plans to influence priority health issues. Some objectives have been updated, corrected, or added since the original CHIP was written.

Performance measures are monitored as part of larger population health measures like the Behavioral Risk Factor Surveillance System (BRFSS), County Health Rankings, Prevention Needs Assessment Survey, American Community Survey, and others. These data are more likely to reflect health outcomes. Performance measures for some priorities are still being identified, discussed & evaluated.

Priority: Suicide

Davis HELPS is the lead coalition in Davis County working on suicide prevention and coordinating with other agencies to address the problem throughout the county. The group has been meeting since 2008, and began to focus on suicide during 2013. Davis Behavioral Health provides administrative support to the coalition.

Goal: Reduce suicide deaths in Davis County to meet the Healthy People 2020 target of 10.2 deaths per 100,000 population.

Strategies:

- Promote public awareness that suicide is a preventable public health problem
- Improve the ability of service providers to support individuals who are at risk
- Implement youth suicide prevention programs
- Implement and highlight prevention programs and resources for members of the workforce
- Launch and promote a Davis County survivor support group
- Decrease suicide risk by reducing access to lethal means

Committee Members:



Left to Right: (Back Row) Josh Grondel, Verne Larsen, Gini Highfield, Tom Kay, Christy Hutchinson, Karlene Kidman, Kristy Jones, Ivy Melton Sales, Sunny Ford, Jake Isaacson, Jess Bigler, Wally Larrabee. Front Row: Debi Todd, LeAnn Gossett, Brett Lund, Amy Mikkelsen, Shauna Morgan, Andi Tremonte, Melissa Hansen. Not shown: Josh Hansen, Jackie Thompson, Isa Perry.

Accomplishments:

- Meeting dates: (11)—1/7, 2/4, 3/3, 5/5, 6/2, 7/7, 8/4, 9/1, 10/6, 11/3, 12/1
- # of participants: 33
- Grant applications linked to CHIP priority: 5
- New funding: \$159,194

Priority: Suicide

Short-term Objective Progress Update

Short-term Objectives	Target Date	Status
Launch and promote Davis County Suicide Survivor Support Group.	12/31/2014	Complete 1/1/2014
At least 2 Mental Health First Aid Instructors will be trained.	12/31/2014	Complete 7/31/2014
An additional 2 Mental Health First Aid Instructors will be trained.	12/31/2015	Complete 7/29/2015
Complete and distribute Davis County suicide risk referral and protocol check list.	2/28/2015	Complete 2/28/2015
Hold up to 8 town hall meetings throughout the county.	12/31/2015	Complete 11/19/2014
Increase the number of active trained QPR Gate Keeper instructors in Davis County from 0 in 2013 to 8.	12/31/2015	Complete 12/10/2014
One QPR master trainer in Davis County.	12/31/2015	Not Complete Remove
Conduct at least 15 QPR presentations throughout Davis County.	12/31/2015	Complete 6/19/2014
All Davis School District school counselors will receive QPR training.	12/31/2015	Complete 10/24/2014
All high schools (9)* will be presented with information about effective peer to peer suicide prevention programs.	12/31/2015	Complete 9/26/2014
Increase the number of peer to peer suicide prevention programs (e.g. Hope Squads) in Davis County high schools from 2 in 2013 to 5.	12/31/2015	Complete 10/20/2015

*This number was incorrect in the CHIP and has been updated. Note: The workgroup realized that getting a QPR master trainer in Davis County is not necessary. There have been plenty of opportunities for partners to get trained as QPR Gate Keeper Instructors through in-person and online trainings.

Added Objectives (2/5/2015)	Target Date	Status
Hold an additional 10 town hall/community meetings or parent seminars addressing suicide throughout the county.	12/31/2015	Complete 11/18/2015
Conduct at least 15 additional QPR presentations throughout Davis County.	12/31/2015	Complete 9/23/2015

Priority: Suicide

Long-term Objective Progress Update

Long-term Objectives	Target Date	Status
Promote mental health, emotional well-being, suicide prevention and support services in Davis County through a media campaign.	12/31/2017 [^]	On Track
Conduct 15 Mental Health First Aid presentations throughout Davis County.	12/31/2018	Complete 12/31/2016
Increase the number of trained helping professionals who are trained to address suicide.	12/31/2018	On Track
All junior high schools (16)* will be presented with information about effective peer to peer suicide prevention programs.	12/31/2018	Complete 09/24/2014
All high schools (9)* will have a peer to peer suicide prevention program.	12/31/2018	Complete 10/20/2015
Increase use of suicide screening tools by healthcare professionals, behavioral health providers, schools, and other helping professionals.	12/31/2018	On Track
At least 5 employers will address suicide prevention in the workplace through employee wellness programs, employee assistance programs, or other activities.	12/31/2018	On Track
Support national and local drug/medicine take back events, at least one per year.	12/31/2018	On Track
Support statewide efforts to promote safe storage of firearms.	Ongoing	On Track

*These numbers were incorrect in the CHIP and have been updated. [^]Extended from 2016 to 2017. Man Therapy will continue to be promoted while we have grant funding thru 2017.

Added Objectives (12/1/2016)	Target Date	Status
At least one Davis County professional will be trained as an Applied Suicide Intervention Skills Training (ASIST) Instructor.	12/31/2017	On Track
Expand Mindful Schools program from 1 school (2016) to 40 schools.	12/31/2018	On Track

Performance Measures	Baseline & Year	Current Measure & Year	Target Measure & Year
Reduce suicide deaths in Davis County to 10.2 deaths per 100,000 population.	14.3 (2010-2012)	15.4 (2013-2015)	10.2 (2020)

Other suitable performance measures are being discussed & evaluated by the committee. They include suicide emergency department visits, suicide hospitalizations, adolescent suicide ideation, plans & attempts.

Priority: Suicide

Objective Highlights:

- 12 suicide prevention town hall meetings, parent seminars & awareness events
- Central registration link for 7 evidence-based suicide prevention programs
- Instructors in 2 new evidence-based suicide prevention programs—Working Minds & Signs of Suicide (SOS)
- 290 QPR trainings, 11,621 participants
- 40 new QPR instructors
- 4 Connect postvention trainings, 72 participants
- 7 Safe TALK trainings, 109 participants
- Trigger lock distribution to 4 firearm distributors & provided at 5 community events (1,775 total)
- NAMI grant for promotion of Man Therapy campaign (mantherapy.org)—a variety of 8 different posters & business cards were purchased for distribution
- Children’s mental health awareness event in conjunction with Safe Kids Day & National Children’s Mental Health Awareness Day
- Miss Farmington, Madalyn Mann, chooses suicide prevention as her platform
- Coalition sponsored partner attendance at Utah Prevention Coalition Summit, Community Anti-Drug Coalitions of America (CADCA) Mid-Year Training Institute & Utah Substance Abuse Conference
- 3 coalition partners presented at the Rocky Mountain Suicide Prevention Conference in Provo
- Coalition work groups/subcommittees: youth mental health awareness event planning, LGBTQ outreach, teen focus group planning, substance abuse prevention strategic plan development

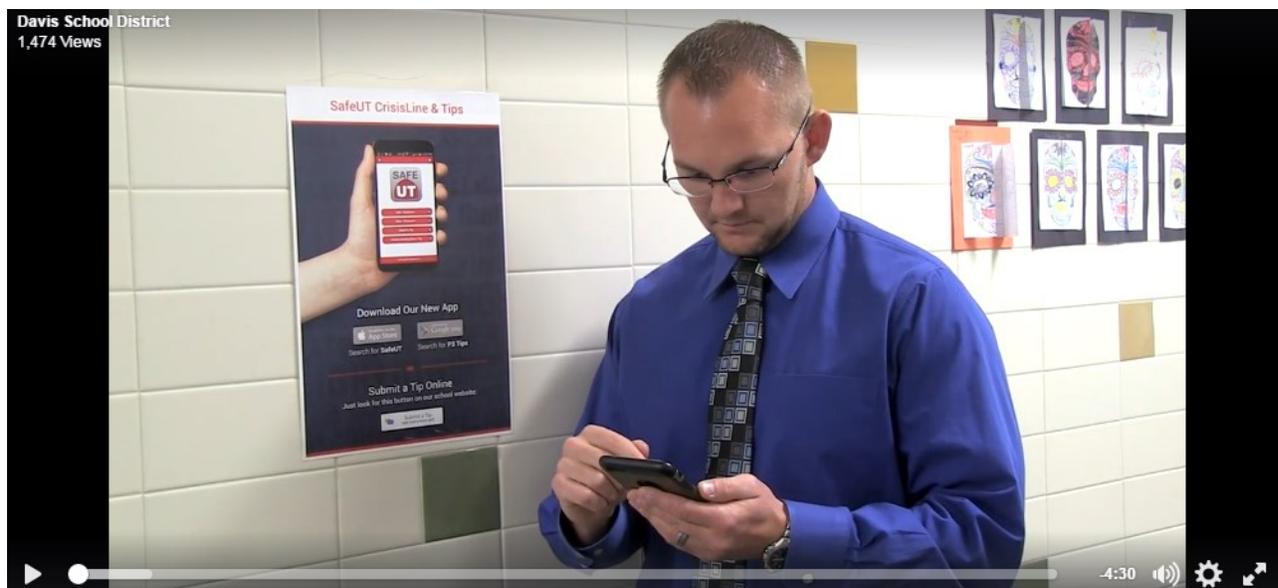


Priority: Suicide

Partner Spotlights:

Davis School District (DSD)

- 3 parent seminars on youth protection with a focus on suicide prevention
- 26 staff trained as QPR gatekeeper instructors
- Provided QPR training to 1,566 participants district wide
- 2 staff trained as Youth Mental Health First Aid (YMHFA) instructors
- Conducted 6 YMHFA trainings for 120 district employees including teachers, aids, counselors & administrators
- Conducted 3 Connect postvention trainings for 51 participants
- 135 students received depression & anxiety screenings (97 thru district case management & 35 at free screening nights)
- Safe UT app video produced
- Hope Squads in 26 secondary schools
- Summer HOPE Squad training
- Fairfield Jr. High Hope Squad wins Hope4Utah video contest, link: <https://www.youtube.com/watch?v=BlyEIFWGsUM&feature=youtu.be>
- Piloting Hope Squads in 2 elementary schools (Snow Horse & Oak Hills)



“Schools in the Davis School District say the SafeUT Crisis and Safety Tipline App is proving to be a great resource for students.” —Davis School District Facebook Page, November 2016

Link to video: https://www.facebook.com/davisschools/videos/10154260300171748/?hc_ref=PAGES_TIMELINE

Priority: Suicide

Continue Mission—No Veteran Left Behind

- 1,547 veterans & support members served
- 159 events for veterans
- 90 meetings in support of suicide prevention, mental health awareness & community support
- Teaching NAMI Homefront program
- Trained Working Minds instructors
- Received Select 25 Award from Intermountain Healthcare & Select Health
- Awarded NAMI Prevention by Design Grant
- Numerous other media interviews, conference & event speeches & recognition awards
- BYUTV TURNING POINT episode featuring Continue Mission, link: <http://www.byutv.org/watch/f5bb15e1-3ef5-4ccc-a5c5-de792f09bd1a/turning-point-continue-mission>



NUHOPE

- 223 school suicide prevention presentations (6,751 students reached in 35 schools)
- 44 QPR presentations (1,108 participants)
- Participation in all Davis School District parent nights & Davis County town hall meetings
- Support to Davis School District Hope Squads
- NUHOPE 9th Annual Suicide Awareness Walk (1,105 participants)



Priority: Suicide

2016 Policy & Resource Successes:

- NAMI Prevention by Design Grant to promote Man Therapy campaign in Davis County
- HB 440—Suicide Prevention & Gun Data Study, requires the state suicide prevention coordinator to conduct a study on Utah violent incidents & suicides that involve firearms, <http://le.utah.gov/~2016/bills/static/HB0440.html>



2017 Activities:

- Update A Local Guide to Resource & Healing For Families Affected By Suicide
- Youth assessment
- Senior outreach
- LGBTQ community outreach
- 2nd Annual Davis County Mental Health Awareness Event
- Promotion of mantherapy.org
- Promote SafeUT app, obtain progress report/status report on issues & numbers
- Support & involvement in 2017-2021 Utah Suicide Prevention Plan
- Expansion of mindful schools

2017 Policy Priorities:

- Statewide 3 digit mental health crisis line

Priority: Access to Behavioral Health Services

The Community Access Committee was formed in 2013 to bring service providers, community-based organizations and other interested partners together to work on improving access to behavioral health services in Davis County. The Davis County Health Department & Davis Behavioral Health provided administrative support to the group during 2016.

Goal: Increase access to behavioral health services in Davis County through promotion of existing resources, new screening and referral tools, increasing effective prevention programs, and better training for helping professionals.

Strategies:

- Identify a network of behavioral health providers
- Medical providers utilize anxiety and depression screening tools
- Use behavioral health referral tools
- Implement community education programs to reduce mental health stigma, help the community respond to signs of mental illnesses, and help those coping with stress and chronic disease

Committee Members:



Back Row: Jess Bigler, Merri Ann Crowther, Kristy Cottrell, Brandon Hatch
Front Row: Zuri Garcia, Becky Weisner, Janet Tennison, Lisa Nichols
Not Shown: Ron Brown, Curt Watson, Isa Perry, Debra Jensen

Accomplishments:

- Meeting dates: (3)—4/26, 6/28, 11/29
- # of participants: 12
- Grant applications linked to CHIP priority: 3
- New funding: \$604,000

Priority: Access to Behavioral Health Services

Short & Long-term Objective Progress Update

Short-term Objectives	Target Date	Status
Identify all Davis County behavioral health providers and assess services offered (hours of operation, specialty services, payment type accepted, crisis services, willingness to participate, etc.).	12/31/14	Complete 7/3/2014
Train 2 Davis County instructors in Mental Health First Aid.	12/31/14	Complete 7/31/2014
Train 2 Davis County instructors in Mindfulness-based Stress Reduction (MBSR).	12/31/14	Complete 1/31/2014
Develop an online tool or directory for mental health and substance use resources and service providers.	3/31/15	Complete 3/31/2015
Train 50 medical providers to use the PH-Q9 and GAD-7 anxiety and depression screening tools and referral process.	12/31/18~	On Track

Long-term Objectives	Target Date	Status
Promote mental health, emotional well-being and behavioral health services in Davis County through a media campaign.	12/31/17^	On Track
Conduct at least one mental health screening event each year for DSD students in conjunction with school & community events.^^	12/31/18	On Track
At least 5 community agencies will implement regular use of anxiety, depression, and trauma screening tools.	06/30/18	On Track
Conduct 15 Mental Health First Aid presentations throughout Davis County.	12/31/18	Complete 12/31/2016
At least 5 employers will address and promote mental health and emotional well-being of employees through employee wellness programs, employee assistance programs, or other activities.	12/31/18	On Track

Performance Measure	Baseline & Year	Current Measure & Year	Target Measure & Year
Decrease the average number of Poor Mental Health Days per month from 3 to 2.3.*	3 (2013)	3 (2015)	2.3 (2018)

~Objective target date extended from 12/31/2015 to 12/31/2018. Workgroup feels objective is still important and can be achieved if given more time. ^Extended from 2016 to 2017. Man Therapy will continue to be promoted while we have grant funding thru 2017. ^^This objective replaced prior objective which targeted screening by school counselors. *National Benchmark, Top 10% best in U.S, CHR 2013

Note: The committee is also exploring performance measures related to the capacity of the local substance abuse and mental health authority such as increasing their capacity to serve youth and adults needing mental health treatment and substance abuse treatment.

Priority: Access to Behavioral Health Services

Objective Highlights:

- Conducted 3 Mindfulness Based Stress Reduction classes (56 participants)
- Conducted 4 Cool Minds classes (45 participants)
- Conducted 5 Mental Health First Aid trainings (75 participants)
- Conducted 13 Youth Mental Health First Aid trainings (238 participants)
- Trained 3 additional Mental Health First Aid instructors & 3 Youth Mental Health First Aid instructors
- Health Insight Quality Improvement Project to increase depression & alcohol misuse screening in Medicare patients
- Updated the Davis County Mental, Emotional & Behavioral Health Resource Directory
- NAMI trained facilitators for Peer to Peer Support Group
- Planning stages for Davis County Behavioral Health Network to launch in conjunction with Layton Intermountain Healthcare hospital estimated to open in 2018
- Clearfield Promise prioritized working to improve adult mental, social & financial stability in the 84015 zip code area
- Launch of monthly Davis Links resource sharing & networking forums with many behavioral health providers participating
- Commissioner Jim Smith convened Human Service Directors for better collaboration & strategic planning, behavioral health agencies are participating



*Utah's first certified facilitators for a new Peer To Peer support group. Let's give a big shout out especially for team Davis volunteers, Arianna Allred, Kai Ronning, and Jonathan King!
—NAMI Utah, Davis County Facebook Page, November 2016*

Partner Spotlights:

Davis Behavioral Health

- Provided services to 7,160 residents
- Served 2,328 uninsured residents
- Served 98 at the Kaysville Youth Receiving Center
- Justice Reinvestment Initiative, recovery support services—outreach to 547 individuals to engage & remain in treatment, help with other support services such as employment
- Teaching Mindfulness-Based Stress Reduction for adults & Cool Minds for youth, demonstrating significant results such as decreased depression & stress

Priority: Access to Behavioral Health Services

USU Extension Davis County

- 6 Youth Mental Health First Aid instructors trained
- 11 Youth Mental Health First Aid courses taught
- 208 Youth Mental Health First Aiders trained
- 270 referrals made by First Aiders to mental health resources & services
- Billboard & website for YMHFA—aware.usu.edu
- 4-H spring kick-off event coinciding with National Children's Mental Health Awareness Day—mental health resources & mindfulness activities for 200 children, youth & their families
- 4-H Survivor Camp—16 teens participated in activities to learn about mental health, resiliency, stress management, conflict resolution, etc.



1 in 5 Davis teens
lives with persistent mental distress.

BE THE HELP SOMEONE NEEDS



aware.usu.edu

EXTENSION
UtahStateUniversity



Priority: Access to Behavioral Health Services

Utah Maternal Mental Health Collaborative

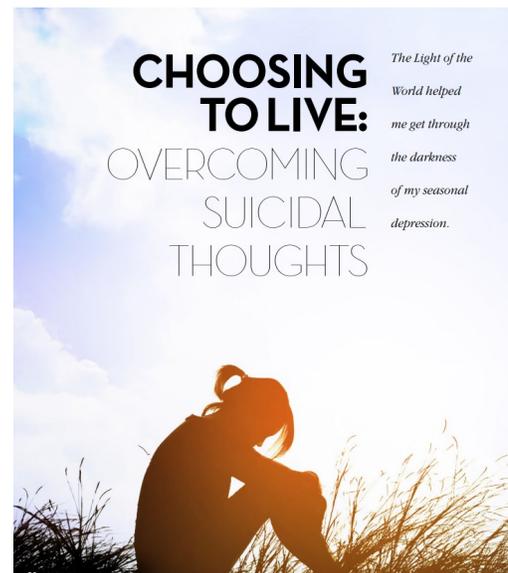
- Perinatal mood & anxiety disorder seminars & conference presentations (Davis County provider participation)
- Provided education to more than 800 providers in Utah
- Website with referral resources
- Development of Maternal Mental Health Plan
- State Chapter of Postpartum Support International
- Collaboration with Intermountain Healthcare, University of Utah, YWCA, MOD, Help Me Grow Utah, Utah Department of Health, Mother to Baby, the Emily Effect, the Utah Association of Certified Nurse Midwives, the APA, WIC, the Office of Home Visiting, the Infant Mental Health Network, National Coalition for Maternal Mental Health and Postpartum Progress Incorporated



The Utah Maternal Health Collaborative brings together medical, mental health & allied professionals, as well as mothers with lived experience. Our mission is to exchange ideas and form relationships to increase and improve awareness, prevention, detection, and treatment of maternal mental health conditions in Utah. Our goal is to ensure that every woman in Utah receives information on risk, prevention, and treatment of pregnancy and postpartum mood and anxiety disorders which affect at least 13% of Utah moms.
—www.utahmmhc.org

LDS Family Services

- Monthly mental health training for South Davis Welfare Specialists
- Providing 900 counseling sessions/month in Davis County
- Addiction recovery support groups attended by 1,000 participants/month in Davis County
- Suicide prevention articles in church magazines
- Participation on Utah Suicide Prevention Coalition
- Websites addressing: suicide prevention, mental health, addiction recovery & others



Priority: Access to Behavioral Health Services

2016 Policy Successes:

- HB 265—Creates state income tax credits for psychiatrists & psychiatric mental health nurse practitioners in the state of Utah in order to address deficits in access to psychiatric prescribers, <http://le.utah.gov/~2016/bills/hbillenr/HB0265.pdf>

2017 Activities:

- Outreach to medical providers & clinics regarding use of depression, anxiety & substance abuse screening tools & referrals —partnership with Health Insight
- NAMI Homefront classes
- Promote mantherapy.org
- MHFA & YMHFA training throughout community
- Youth screening event

2017 Policy & Resource Priorities:

- Medicaid expansion
- Justice Reinvestment Initiative—reinvestment needed for treatment, strengthening community supervision & improving reentry services for nonviolent offenders
- Transitional/respice housing (for mental health & substance abuse)
- Behavioral health services for children
- Community advocacy (reducing stigma, public education, working with all sectors: political, business, criminal justice, healthcare, behavioral health, etc.)

How are you feeling?

Mental health is a key part of your overall health. Brief screenings are the quickest way to determine if you or someone you care about should connect with a mental health professional - they are a checkup from your neck up. This program is completely anonymous and confidential, and immediately following the brief questionnaire you will see your results, recommendations, and key resources.

DAVIS BEHAVIORAL HEALTH

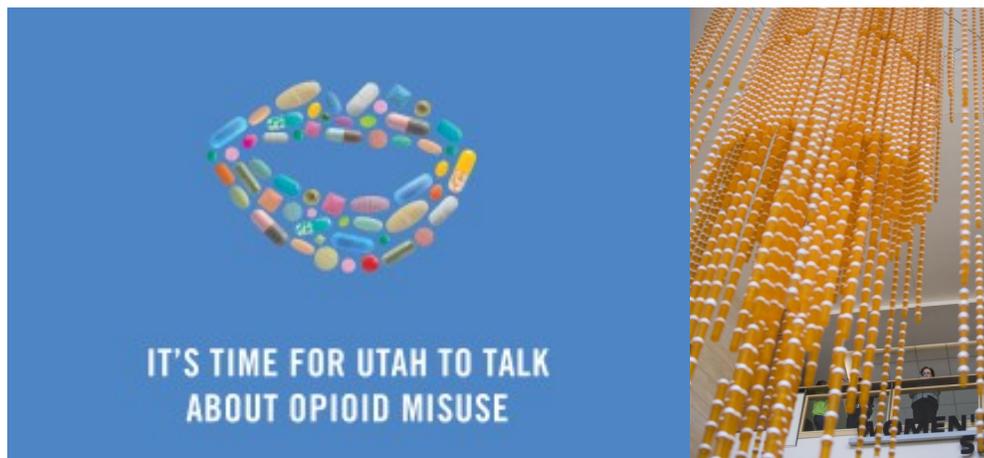
TAKE A SCREENING

screening.mentalhealthscreening.org/dbh

Opioid Misuse & Death Prevention

Highlights:

- Davis County Health Department receives grant for prescription overdose death prevention
- 2 prescription drug take back events (2,304 lbs collected)
- Updated prescription drug drop off location list—Police Departments & Intermountain Healthcare Community Pharmacies & a University of Utah Pharmacy (15 locations)
- Davis Metro Narcotics Strike Force awarded opiate overdose outreach pilot program funding for Naloxone distribution to law enforcement agencies including school resource officers
- McKay-Dee Hospital's Opioid Abuse Awareness Campaign & Art Exhibit, [#SpeakOutOptOutThrowOut](#)
- Midtown Community Health Center receives grant for medication-assisted treatment for former opioid addicts being released from jail, partnership with Davis Behavioral Health
- Participation at Utah Heroin & Opioid Summit
- Stop the Opidemic Campaign—www.opidemic.org



McKay-Dee Hospital held a press conference announcing its initiative to reduce opioid abuse and increase awareness of risks for opioid users in Ogden on Wednesday, August 31, 2016. —Standard Examiner

2016 Policy Successes:

- HB 240 & UDOH Standing Order—Utah pharmacists can dispense naloxone without a prescription
- HB 238—Overdose outreach providers can furnish opiate antagonist without civil liability
- HB 192—Opiate Overdose Pilot Program authorized UDOH to offer grants to those in a position to help individuals at high risk for an overdose death

Opioid Misuse & Death Prevention

Partner Spotlights:

Opioid Community Collaborative

- 181 clients served
- Provided medication-assisted treatment, therapy, & case management
- Partners include: Davis Behavioral Health, Intermountain Healthcare, Weber Human Services, & Utah Department of Health
- Provided access to treatment within 3 days
- 85% of participants remain abstinent
- 94% retention rate in treatment
- 46% of participants report improved housing situation
- 80% of participants report improved employment situation
- Received the 2016 Governor's Excellence Award
- Presentation at Utah Public Health Conference & other events for law makers & professionals



Utah Naloxone

- Launch of website—utahnaloxone.org
- Billboard campaign
- 93 opiate/opioid overdose reversals
- 2,500 naloxone rescue kits distributed
- Outreach to prescribers, pharmacists & emergency responders
- Best of Utah Award
- Numerous interviews with media & presentations at community events & conferences



Opioid Misuse & Death Prevention

2017 Activities:

- Development of Davis County strategic plan to prevent substance use & abuse
- Emergency responder & pharmacy naloxone assessment
- Naloxone rescue kit distribution & training
- Educate prescribers about CDC Guideline for Prescribing Opioids for Chronic Pain
- Encourage provider use of Utah's Controlled Substance Database
- Promote alternative effective treatments for chronic pain
- Bring Anti-Drug Coalitions of America (CADCA) Academy to Utah
- Promote permanent prescription drug drop off locations
- Promotion of medication take back events



2017 Policy & Resource Priorities:

- Remove barriers to treatment
- Reduce frequency & duration of opioid prescriptions
- Opioid prescriptions are accompanied by information about risks of becoming addicted
- Improve access to local opioid use & overdose data
- Use of Controlled Substance Database to prevent opioid abuse

Priority: Air Quality

In 2016 the Davis County Air Quality CHIP committee merged with the Woods Cross Air Quality Committee which has been in existence since the 1990s.

Mission: Engage citizens and industries of Woods Cross in dialogue and cooperative efforts to promote and encourage initiatives and actions that enhance the air quality in the community.

Strategies:

- Improve and increase air monitoring & ensure information is publicly available
- Encourage and support active transportation and use of public transportation
- Implement a community education campaign about lifestyle and behavior choices that reduce air pollution

Committee Members:



Left to Right: (Back Row) Mike Astin, Warren Pettey, Jerry Lockie, Pamela Silberman, Rick Minyard, Chris Hadley, Gary Uresk, Eric Benson (Front Row) Drew Yeates, Stephanie Kelsey, Michelle Nielsen, Julie Checketts, Rachelle Blackham, Maureen Nelson, Ed Parker. Not shown: Danielle Knight, Jen McMillan, Kenny Custer, Jared Wright, Tracy Bryan, Donna Spangler, Isa Perry

Accomplishments:

- Meeting dates: (5)— 1/20, 3/23, 5/11, 8/10, 10/12
- # of Participants: 21
- Grant applications linked to CHIP priority: 3
- New funding: \$121,074

Priority: Air Quality

Short & Long-term Objective Progress Update

Short-term Objectives	Target Date	Status
Increase the number of deployable particulate matter (PM) monitors in Davis County from 0 in 2013 to 12.	12/31/2014	Complete 12/31/2014
Increase the number of regulatory air monitoring stations in Davis County from 1 (Bountiful) in 2013 to 2.	12/31/2018~	Off Track
Expand number of air pollutants that are measured and reported in Davis County from 3 (PM2.5, Ozone, NO ₂) in 2013 to 4.	12/31/2015	Complete 12/31/2014
Develop and/or adopt an active transportation master plan in one city.	12/31/2016~	Complete 5/31/2016
Davis County trails map will be completed and available to the public.	12/31/2014	Complete 12/15/2014

Long-term Objectives	Target Date	Status
Davis County air monitoring results will be available to the public in real-time.	12/31/2017	On Track
Decrease percentage of the Davis County workforce that drives to work alone from 78.8% in 2011* to 76%.	12/31/2018	Off Track
Increase percentage of Davis County residents who use public transportation to commute to work from 2.8% in 2011 to 3.3%.	12/31/2018	Off Track
Increase on street bicycle lanes from 74.06 miles in 2013 to 222.00 miles.	12/31/2018	On Track
Improve walkability index for at least 2 Front Runner stations in Davis County.	12/31/2018	On Track
Increase number of no idling policies adopted by business, cities, and other organizations from 1 in 2013 to 3.	12/31/2018	Complete 12/10/2014
Conduct 15 air quality education presentations throughout Davis County.	12/31/2018	On Track

~Objective target dates extended from 12/31/2015 to 12/31/2016 or 12/31/2018. Workgroup feels objectives are still important and can be achieved if given more time.

*Fixed error should be 2011 not 2013 in original objective.

Priority: Air Quality

Added Objectives:

Added Objectives (12/10/2014)	Target Date	Status
Increase number of no idling policies adopted by businesses, cities, and other organizations from 5 to 10.	12/31/2018	On Track
CNG vehicle conversion program will be piloted in at least 13 cities, businesses or organizations in Davis County.	12/31/2018	On Track

Performance Measures:

Possible performance measures include progress toward EPA PM 2.5 24 hour attainment standard, increase percentage of the Davis County workforce that drives to work alone, and increase percentage of Davis County residents who use public transportation to commute to work.

Objective Highlights:

- 5 air monitors placed in Woods Cross area collecting data
- 1 new air monitor placed in Clearfield at Davis County Health Department
- Provided all DSD Principals & PTA Presidents with air quality education resources & “Don’t Idle” fact sheet
- Davis Clean Air Network Community Newsletter
- Air quality educational presentation conducted by Breathe Utah at Heritage Elementary in Layton for 4th grade students



Priority: Air Quality

Partner Spotlights:

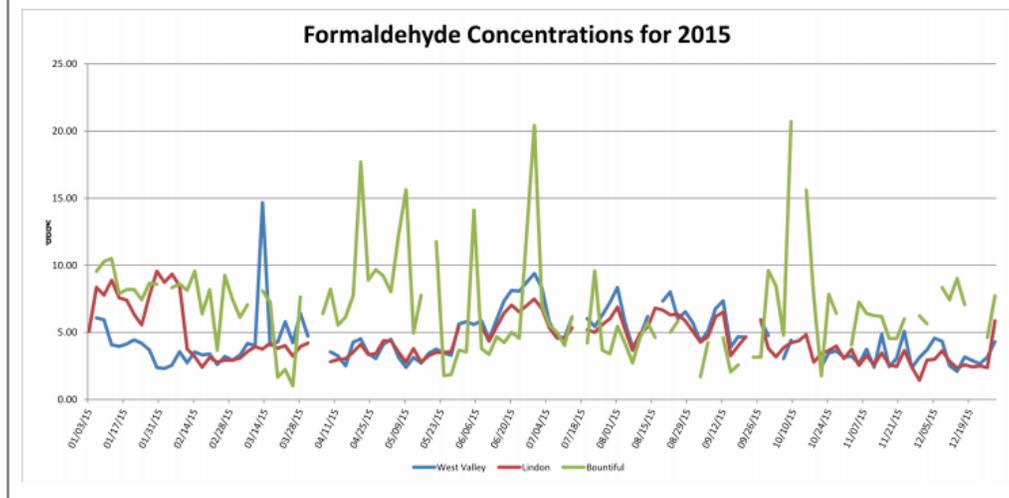
Woods Cross Air Quality Committee

- Participation from residents, area businesses (including refineries & asphalt companies), health department & city employees
- Quarterly meetings
- "Improve Woods Cross Air Quality" Facebook group
- City Memorial Day celebration education table
- City newsletter article (April)
- Investigation into potential violations by Diesel Sellerz
- Air monitoring partnership (5 locations throughout the city)
- Research into commuter biking resources
- Research into funding to support active transportation studies & plans
- Idle Free Awareness Declaration, Utah Governor & Mayors, including Woods Cross (September)

Utah Department of Environmental Quality, Division of Air Quality

- Released results of Hazardous Air Pollutant Study
- Data collected since 2002 as part of National Ambient Air Toxicity Study
- 82 pollutants were analyzed
- 3 pollutants flagged from the Bountiful monitor for elevated levels starting in 2008—
Formaldehyde, Acetaldehyde & Methylene Chloride
- Worked with Davis County Health Department to identify possible local sources of pollutants & future monitoring locations
- Developed plan for further air monitoring study in 2017

Figure 1. Formaldehyde concentrations observed at the West Valley, Lindon, and Bountiful during 2015.



Links to study results & summaries:

<http://deq.utah.gov/Pollutants/H/haps/hazardous-air-pollutants-study-2015.htm>

<http://deq.utah.gov/Pollutants/H/haps/docs/2015-Special-Toxics-Study.pdf>

Priority: Air Quality

Silver Eagle Refining

- Received Lynn Thatcher Award from the Utah Environmental Health Association for significant contribution to environmental health
- Only entity in Utah marketing tier 3 gasoline
- Significantly reduced sulfur emissions by adding absorbing equipment
- Increased energy efficiency



Davis County Health Department & Worldwide Environmental Products

Smoking Vehicle Program

- 199 smoking vehicle complaints were received
- Policy to address ignored smoking vehicle complaint notices
- Social media promotion
- Newsletter articles

Diesel Testing Program

- 6,107 diesel tests were conducted
- New equipment/data acquisition devices installed at testing center in Kaysville

Inspection & Maintenance (I & M) Program

- Permitting & support for 145 approved gasoline emission testing facilities
- 193,700 gas vehicle emission tests conducted in Davis County
- 24 I & M classes were held
- 174 new I & M inspectors permitted
- I & M training for 20 station managers
- 2 visual inspection training classes held—80 technicians participated
- Quarterly I & M newsletter to testing facilities



*Charles Eckersell hooks an exhaust hose to the tailpipe of a diesel pickup truck during an emissions test at the Davis County Testing Center on Thursday, Aug. 25, 2016. All diesel vehicles in Davis County are required to have an emissions test, similar to gasoline powered vehicles.
—Standard Examiner, Oct 6, 2016*

Priority: Air Quality

2016 Policy Successes:

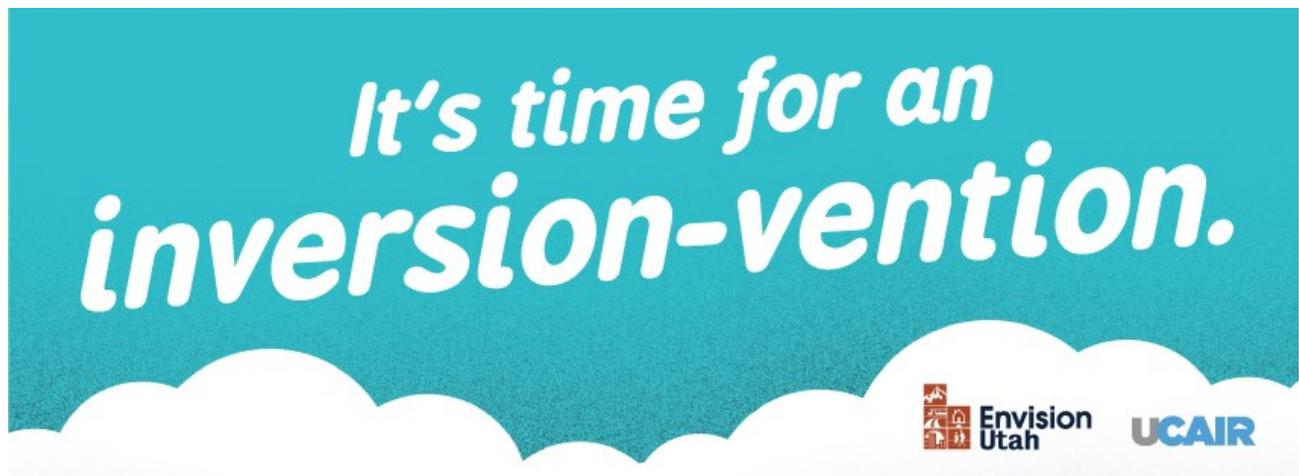
- Weber/Morgan Health Department implemented diesel testing program

2017 Activities:

- Train local law enforcement to issue smoking vehicle citations
- Conduct undercover vehicle audits at emission testing sites
- 2017 Hazardous Air Pollutant Study to better understand the Methylene Chloride, Acetaldehyde & Formaldehyde pollution identified as a concern, includes deployment of 32 air monitoring devices in southern Davis County

2017 Policy & Resource Priorities:

- Additional regulatory air monitor in Davis County
- State-wide diesel testing program in non-attainment areas
- Funding for active transportation & transit incentives



Priority: Obesity

The Obesity Workgroup was formed in 2013 to bring together community partners throughout Davis County interested in reducing obesity and encouraging active living and healthy eating. The Davis County Health Department provided administrative support to the group during 2016.

Goal: Prevent and reduce obesity in Davis County through environments, policies, and programs that support everyday physical activity and healthy eating choices.

Strategies:

- Promote and support school and community physical activity and nutrition programs
- Increase access to healthy eating choices
- Promote resources to support physical activity and healthy eating
- Implement comprehensive worksite wellness programs

Committee Members:



Back Row: Phil Collins, Scott Hess, Andi Tremonte, Kristy Jones, Marcie Clark. Front Row: Nichole Littlefield, Zuri Garcia, Anjani Malhi, Kristen Brimley, Jaqueline Neid-Avila. Not Shown: John Borski, Ron Zollinger, Jory Johner, Scott Zigich, Eric Anderson, Isa Perry, Mark Dewsnup, Shelly Nettesheim, Karen Rigby.

Accomplishments:

- Meeting dates: (6)—2/4, 4/7, 6/2, 8/4, 10/6, 12/1
- # of participants: 37
- Grant applications linked to CHIP priority: 6
- New funding: \$52,327

Priority: Obesity

Short-term Objective Progress Update

Short-term Objectives	Target Date	Status
Meet with UTA* to discuss UCATS projects.	12/31/2015	Complete 8/7/2014
At least 2 schools or community agencies will start a garden or healthy eating program.	12/31/2015	Complete 8/30/2014
The benefits of a comprehensive employee wellness programs will be promoted to 5 worksites in Davis County.	12/31/2018~	On Track
At least 2 worksites will implement a wellness program.	12/31/2015	Complete 12/1/2014
One city will develop and/or adopt an active transportation master plan.	12/31/2016~	Complete 5/31/2016
At least 6 Davis School District schools will increase minutes of structured physical activity each day.	12/31/2015	Complete 12/1/2014
Community supported agriculture will be promoted through 15 venues.	12/31/2015	Complete 4/21/2015
The Davis County resource locator website will be promoted through 30 government entities, businesses, or community groups.	12/31/2018~	Complete 12/31/2016
The Davis County resource locator website will be promoted through 8 healthcare agencies.	12/31/2018~	On Track
The Davis County resource locator website will have been promoted 50 times via social media.	12/31/2018~	On Track
The Davis County resource locator website will have received 25,000 hits.	12/31/2018~	Complete 12/31/2016
Davis County trails map will be completed and available to the public.	12/31/2014	Complete 12/15/2014

*Changed from UDOT to UTA. Both are collaborators on the project.

Added Objectives (12/5/2015)	Target Date	Status
At least 2 additional schools or community agencies will start a garden or healthy eating program.	12/31/2015	Complete 12/3/2015
At least 6 additional Davis School District schools will increase minutes of structured physical activity each day.	12/31/2018~	On Track

~Objective target dates extended from 12/31/2015 to 12/31/2016 or 12/31/2018. Workgroup feels objectives are still important and can be achieved if given more time.

Priority: Obesity

Long-term Objective Progress Update

Long-term Objectives	Target Date	Status
Reduce the percentage of adults who are overweight or obese from 63.1% to 57.3%.	12/31/2018	On Track
Decrease the percent of inactive Davis County residents from 16% to 15%.	12/31/2018	On Track
Develop and implement a system to establish baseline indicators for overweight/obese children & adolescents in Davis County.	12/31/2018	On Track
Increase on street bicycle lanes from 74.06 miles in 2013 to 222.00 miles.	12/31/2018	On Track
Increase the number of hiking and/or paved shared-use trails from 468.44 miles to 498.44 miles.	12/31/2018	On Track
Improve walkability index for at least 2 Front Runner stations in Davis County.	12/31/2018	On Track

Added Objective (12/1/2016)	Target Date	Status
At least one Safe Routes to School grant application will be submitted from a Davis County organization.	12/31/2018	On Track

Performance Measures	Baseline & Year	Current Measure & Year	Target Measure & Year
Reduce the percentage of adults who are overweight or obese from 63.1% to 57.3%.	63.1% (2011)	63.4% (2014)	57.3% (2018)
Decrease the percent of inactive Davis County residents from 16% to 15%*.	16% (2013)	15% (2015)	15% (2018)
Increase the percent of Davis County youth who meet aerobic activity guideline.	14.7% (2013)	18.5% (2015)	17.6%^ 2019

*15% is in line with least inactive counties in the state, County Health Rankings 2013. ^State average, 2013.

Priority: Obesity

Objective Highlights:

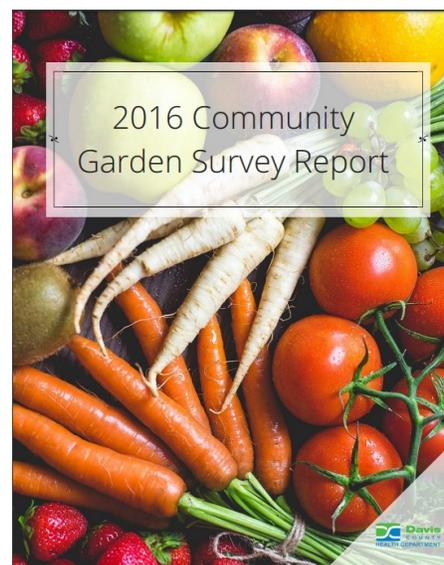
- Distributed bookmarks & business cards promoting Davis4Health health resource locator containing more than 600 community resources—davis4health.org
- Worksite Wellness Survey—137 responses
- Community garden participant evaluation & report for 8 Davis County community gardens
- Launch of Farmington Community Garden
- Hill Field Elementary School garden—received STEM grant to purchase greenhouse, solar panels & other supplies
- Utah Cancer Control Program grant expanded Davis School District’s Healthy Bodies, Healthy Minds to 2 elementary schools



Partner Spotlights:

Davis County Health Department (DCHD)

- Began quarterly Davis County produce growers newsletter, includes resources, articles & recipes for growers
- 2 Diabetes Prevention Program classes, 23 participants
- 1 Childcare Provider TOP Star (Targeting Obesity in Preschools & Child Care Settings) endorsed, exposing 190 children to optimal nutrition & physical activity standards
- Health Department Breastfeeding Standard adopted, includes both time & designated space for breastfeeding and/or expressing breast milk during working hours



Priority: Obesity

USU Extension

- Community Food Sense Classes (134 classes, 23 outreach events, 1,718 participants)
- Healthy Family Fun Program—family fun fairs & classes
- Family meal time promotion
- Presence at USU Botanical (Kaysville) & Syracuse Farmers Market's, shared education, recipes, & demonstrations
- Promotion of SNAP benefit card acceptance at Farmer's Markets with \$10 matching funds (Double up Bucks)
- Master Gardener & Junior Master Gardener Training
- Dash in the Dark Zombie 5K
- Farm to Table Dinner Event
- Explore the Garden Family Nights
- Free Yoga classes at USU Botanical Center in conjunction with farmer's market



Priority: Obesity

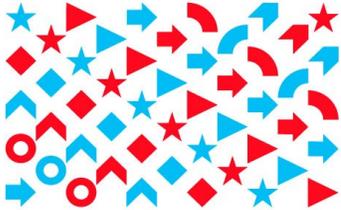
Davis School District (DSD)

- 12 schools participating in the Healthy Bodies, Healthy Minds program: Tolman, Bountiful, West Point, Canyon Creek, Kay's Creek, Odyssey, Wasatch, Stewart, Parkside, West Bountiful, Knowlton & Adelaide. SAGE scores increased in 28/30 assessments given at HBHM schools.
- Trained 130 educators on Healthy Bodies, Healthy Minds Program during 2 day summer professional learning series
- Wasatch Elementary awarded the 1st ever Utah grant given by "Good Sports" (organization in Massachusetts that promotes physical activity among youth)
- 3 National Award Winning Let's Move Active Schools: Parkside, Odyssey, West Point (1st & only schools to ever be recognized in Utah K-12)
- Hosted the 5th Annual DSD Decathlon with over 700 participants
- Partnership with Harmon's (cooking tips, snack ideas & healthy meal preparation ideas for employee wellness program)
- DSD Heart Healthy Company Award from the American Heart Association



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Let's Move! Active
Schools

Odyssey Elementary, Parkside Elementary & West Point Elementary Schools received the Let's Move! Active Schools National Award. The award celebrates a school's outstanding efforts in creating an Active School environment and commitment to integrating at least 60 minutes of physical activity before, during and after the school day. To earn a Let's Move! Active Schools National Award, a school must have met significant benchmarks in five areas: physical education; physical activity before-and after-school; staff involvement and family and community engagement. Honorees receive a large display banner, certificate and congratulatory letter from the First Lady.

—Let's Move Active Schools News, letsmoveschools.org

Priority: Obesity

2017 Activities:

- Expansion of Healthy Bodies, Healthy Minds Program in 1 secondary school & 2 elementary schools
- Promote educational opportunities for community garden participants
- Worksite Wellness Toolkit
- Walkability projects
- National Diabetes Prevention Program
- Promotion of USU Extension nutrition education programs
- Healthy food environment mapping & assessment
- Social media promotion of resource locator—davis4health.org
- Encourage acceptance of SNAP benefit card at Bountiful Farmer's Market



Davis 4 Health

2017 Policy & Resource Priorities:

- Funding for Healthy Bodies, Healthy Minds School physical activity program
- Safe Routes to School programs, encouraging children to walk & bike to school safely
- Land use policies supporting community agriculture



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Active Transportation

Active transportation is a significant strategy included in the Davis Community Health Improvement Plan because of the physical activity, air quality, and mental health benefits which crosscut all priorities.

Highlights:

- UTA service enhancements, first/last mile improvements
- Trail counters installed
- Davis County Trails & Bikeways Map updated
- 2 cities with active transportation plans (Kaysville & Farmington)
- Development of regional active transportation performance metrics
- Participation in Utah Active Transport Benefits Study (Health, Economic & Environmental)
- Participation at Utah Pedestrian Summit
- Participation at Wasatch Choice 2050 Consortium & Active Transportation & Health Summit
- Utah Department of Transportation Utah Pedestrian Safety Action Plan
- WFRC Walkability & Measuring Street Design Story Map Tool, scores walkability for Wasatch Front communities, including some in Davis County



We're celebrating [#Prop1](#) service improvements today at Farmington FrontRunner Station. Stop by and get a UTA water bottle stuffed with UTA goodies.

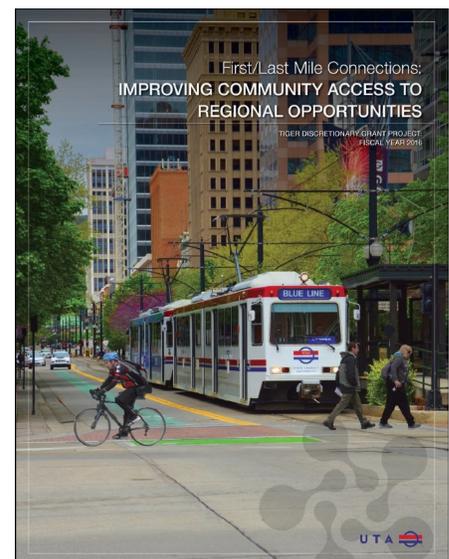
—Ride UTA Facebook Page, August 2016

2016 Policy & Resource Successes:

- 4 Davis County projects selected to receive WFRC funding for pedestrian & bike facilities & safe crossings totaling \$733,035
- Planners4Health: APA Utah Chapter awarded \$60,000 to integrate planning & health
- TIGER Grant: UTA awarded \$20,000,000 to implement First/Last Mile Connections: Improving Community Access to Regional Opportunities, proposal included 126 Davis County projects totaling more than \$3.6 million to increase bike, pedestrian & ADA access to bus stops, Front Runner stations & improve connectivity

Last week, UTA won a \$20 million Transportation Investment Generating Economic Recovery grant from the U.S. Department of Transportation. The money in UTA's TIGER grant—which will be used to build and improve transit network connections like crosswalks, trails, sidewalks and bike lanes.

—Standard Examiner, August 2016



Active Transportation

Partner Spotlights:

Davis County Active Transportation Committee

- Elected officials & interested residents appointed by the Mayors of Davis County municipalities
- Meets once a month to discuss trails of regional importance in Davis County
- Charged with finding funding sources to expand trail networks
- Works with cities to coordinate trail building efforts as a way to link communities
- Working to develop & implement 5 year plan to allocate Prop 1 funds



Our mission is to coordinate with Davis County and Davis County cities, to plan open space, regional parks, on and off street bicycle facilities, and multi-modal trails, and to promote them as economic development drivers, and marketable tourism products. —Davis County Planning website, daviscountyutah.gov/planning

Kaysville City

- Adoption of Kaysville Active Transportation Plan—Connecting Our Community Through Safe Walking & Bicycling
- Painted 1 mile bike lane along Fairfield road from 200 North to Mutton Hollow
- Received a TAP grant from WFRC for trail crossing improvements at 200 North & the D&RGW trail, includes pedestrian activated crossing
- Received a TAP grant from UDOT for improving a 4,000 foot long section of trail at the Utah State Botanical Center from a dirt trail to a paved shared use trail to be constructed in 2018



Public open house at the Kaysville Library for residents to learn about plans to improve walking and bicycling for all ages and abilities.

—Kaysville Active Transportation Plan

Active Transportation

2017 Activities:

- Planners4Health assessment, stakeholder meeting & workshops
- Implementation of Davis County Active Transportation 5 year plan for Prop 1 funds
- TIGER grant implementation
- Participation in Utah Active Transport Benefits Study (Health, Economic & Environmental)
- Signage/wayfinding assessment

PLAN4Health

An American Planning Association Project

APA Utah Chapter has received a \$60,000 grant to help build local capacity for integrating planning and public health. The chapter partnered with the American Public Health Association Utah affiliate, Wasatch Front Regional Council, Utah Transit Authority, Davis County Health Department, Utah Department of Health, Active Planning, Inc., and Alta Planning + Design, Inc. Some of the funding will be used to hold workshops for planners and public health professionals throughout the state to increase understanding of the intimate relationship between planning and public health decisions.

—APA Utah Chapter News Release, January 2017

2017 Policy & Resource Priorities:

- Gas tax & local option funds spent on active transportation: paved shared trails; bike lanes; safe east/west options; connectivity to bordering neighborhoods, shopping, entertainment, schools, parks, transit; improve walkability scores/index; wayfinding/signage; Bonneville Shoreline Trail; Safe Routes to School; city active transportation plans; etc.

