

2015 Iowa STEM Summit

“STEM: Opportunity through Diversity”

Community Choice Credit Union Convention Center
833 5th Avenue, Des Moines, Iowa

Morning Sessions – 10:20 to 11:20 a.m., Breakout Rooms, Level 3

Broadband Legislative Update — How four, rural districts and Northeast Iowa Community College are leveraging technology to transform teaching and learning

Facilitator: John Carver, Superintendent, Howard-Winneshiek Community School District

Description: As part of the Connect Every Iowan Initiative, Governor Branstad charged the STEM Council’s Broadband Committee with the creation of a broadband expansion plan for Iowa and a timetable that included the delivery of a recommended policy. Legislation was introduced in the 2014 session of the Iowa legislature and is, once more, being introduced in the 2015 session.



Good Morning to All!

- ***Background,***
- ***Legislative Update***
- ***4 Districts + Northeast Iowa Community College: breaking out of the Silos”***

John Carver

Howard Winneshiek Community School District



September 19, 2013

Governor Branstad and Lt. Governor Reynolds tasked the STEM Advisory Council's Broad committee to:

Develop Legislative proposals

Long term strategic plan for Broadband deployment

Identify possible federal funding opportunities or public private partnerships





Broadband Matters

“The fabric of our state is woven together by the gravel roads and the interstate system, but in this day and age it also must be connected through access to broadband as well. This legislative session, let’s come together and pass legislation allowing rural Iowa to experience continued growth and connection to the rest of Iowa and the rest of the world.”

– Iowa Governor Terry E. Branstad, 2015
Condition of the State address, Jan. 13, 2015



Members of the Committee

Co-Chair John Carver, Superintendent, Howard-Winneshiek Community School District

Co-Chair Robert von Wolffradt, Chief Information Officer, State of Iowa

Dave Daak, Connect Iowa

Robert Denson, President, Des Moines Area Community College

Dave Duncan, President, Iowa Telecommunication Association

Philip Groner, Iowa Communication Network

Karl Hehr, Director of Technology Services, Ames Community Schools District

Galen Howsare, Chief Financial Officer, Iowa Association of School Boards

Karen Randall, Keystone Area Education Association

Michael Sadler, Assistant VP for Public Policy

Larry Siegel, Iowa School Finance and Information System Services

Jeff Weld, Executive Director, Governor's STEM Advisory Council

Josh Byrnes, State Representative, District 14

Steven Soddors, State Senator, District 3



2013-14 Legislative Recommendations

1. Common Language: Speed, Bandwidth
2. Leadership Structure
3. Iowa Communication Network
4. Incentives for Broadband buildout
5. Strategy for adoption rates: build demand
6. Latitude for Schools



2015-16 Legislative Recommendations

1. Common Language: Speed, Bandwidth
2. Leadership Structure
3. Incentives for Broadband buildout
4. Strategy for adoption rates: build demand
5. Latitude for Schools



Iowa Governor Terry E. Branstad, 2015 Condition of the State address, Jan. 13, 2015

Identify the State of Iowa OCIO to coordinate statewide broadband availability and access between the public and private sector.

Create the Iowa Farms, Schools and Communities Broadband Grant Program to award grants to communication service providers to invest broadband access to farms, schools and communities. Governor Branstad's Fiscal Year 2016 budget includes \$5 million for these grants.

Provide a 100% property tax exemption for broadband infrastructure for infrastructure in place on or after July 1, 2014.

Streamline the permitting process by requiring permitting authorities for non-wireless broadband related permits to be done within sixty business days.



"Providing for the facilitation of broadband access in targeted areas of the state, including property tax incentives for broadband infrastructure installation, a broadband grant program and fund, making appropriations, and including applicability provisions."

Robert von Wolfradt, Chief Information Officer, State of Iowa

Senate File 461

State Senator Steve Sodders

House Study Bill 104

State Representative Josh Byrnes



Differences exist in the two bills, but the main theme of increasing broadband for schools, farms, and communities remains. The main unresolved item is funding, \$5 million was proposed but has been since removed. There is hope that funding will be restored later in the session.

The bills include (subject to change):

- Allows "school infrastructure" fund use for technology infrastructure
- Grants program to increase broadband with schools, farms, and communities.
- Targeted service area is an area that is less than 25 down/3 up Single office in State to coordinate.
- 60 day permitting threshold for non-wireless broadband-related permits.
- Conduit installation coordination to allow for publicizing ability to place fiber during state construction projects.
- Tax exemptions (depending on bill between 5 and 10 years - so far)

There is forward momentum... Stay tuned



A new direction.....

Howard-Winneshiek Community School District

New Hampton Community School District

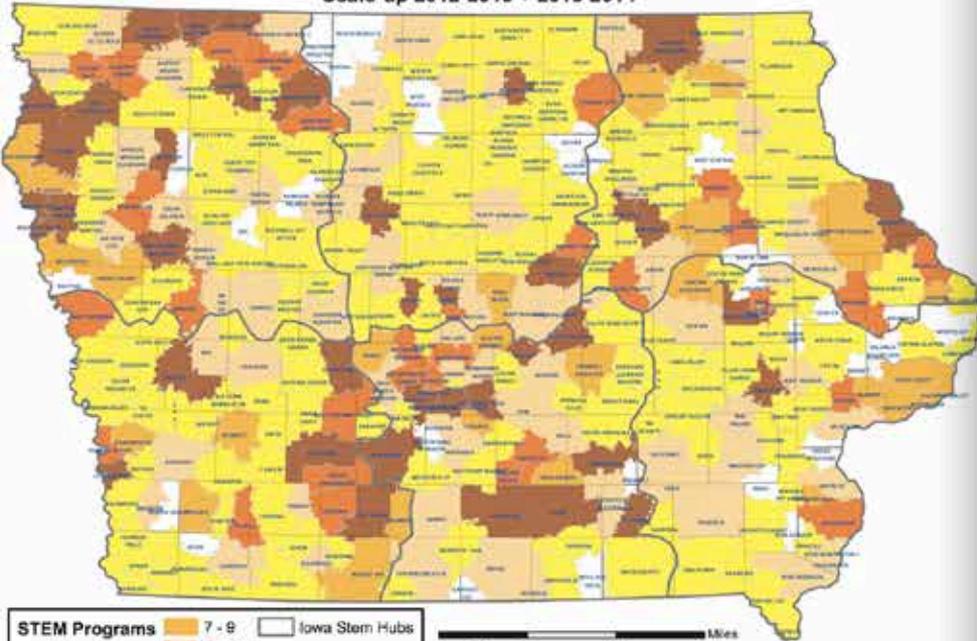
South-Winneshiek Community School District

Turkey Valley Community School District

Northeast Iowa Community College

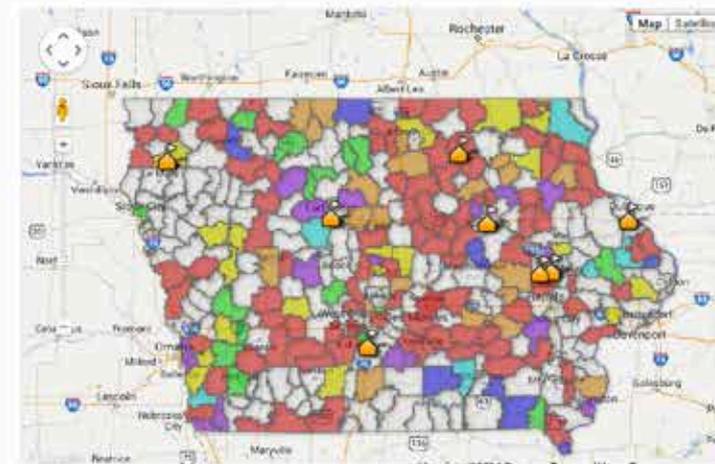


Scale-up 2012-2013 + 2013-2014



Map produced by GeoTREE Center in UNI Geography Department on January 4, 2014 based on data from James Moelecher of the Northeast Iowa Regional STEM Hub

1:1 Schools in Iowa

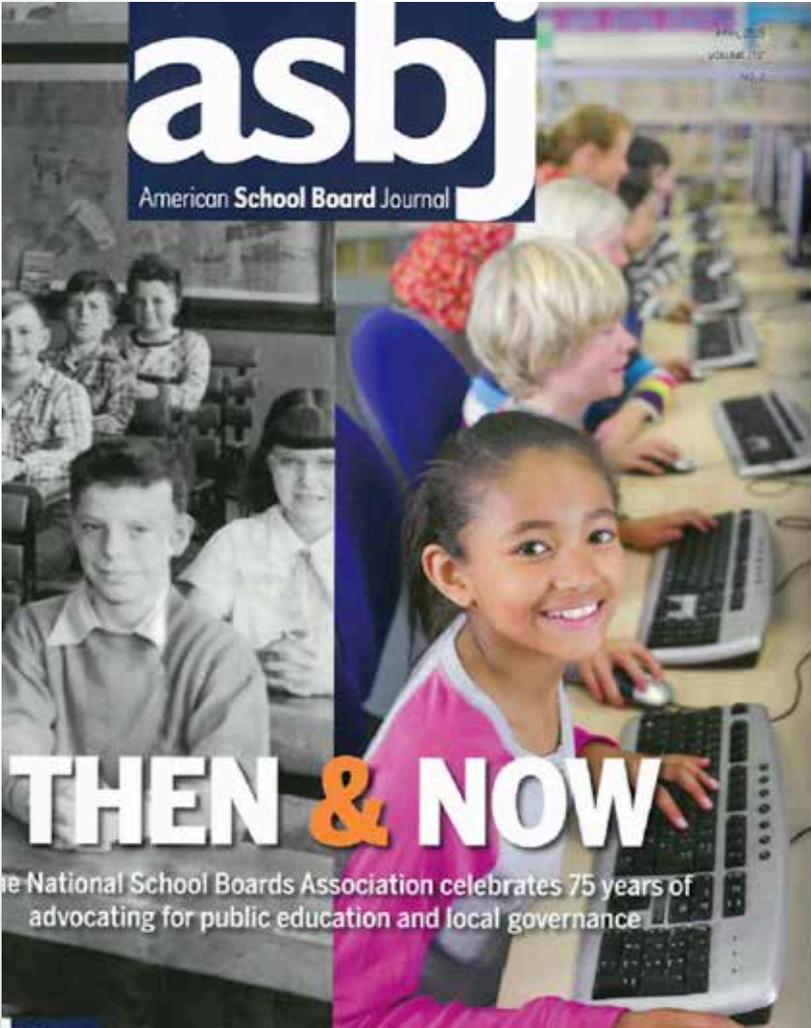


Clicking on the district within the map will provide additional information around implementation date, platform used, and technology coordinator.

- “
- Districts using Mac Laptops
- Districts using PC Laptops
- Districts using iPads
- Districts using Android or Windows tablets
- Districts using Chromebooks
- Districts using Netbooks
- Districts that are using a combination of two different platforms
- ▲ Non-Public schools



asbj
American School Board Journal



THEN & NOW

The National School Boards Association celebrates 75 years of advocating for public education and local governance.

PLUS: The 2015 Magna Awards





Coordinate school calendar

Course catalogue

“Bell schedule”

Staff



Jay Jarris
Superintendent of Schools
New Hampton Community School District



Questions

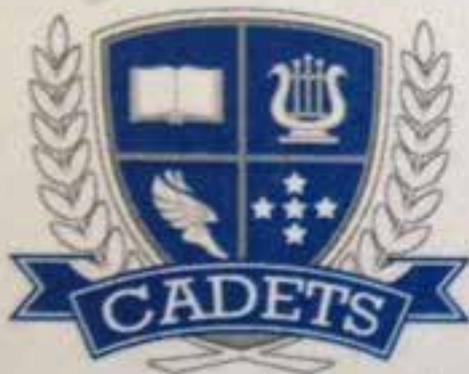
Comments

Reflection



THANK YOU

Howard-Winneshiek Community Schools



"Home of the Cadets"

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