

**ASSESSING HIGH-SPEED INTERNET ACCESS
IN THE STATE OF IOWA: SIXTH ASSESSMENT**

A Report of the
Iowa Utilities Board

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1.0 INTRODUCTION

More and more Iowans use Internet services each day. The Internet was initially used for research or electronic mail (e-mail), and simple dial-up service was all that was needed. Now people rely on the Internet for shopping, banking, downloading pictures, music or videos, and much more. More importantly, access to high-speed Internet services is vital for Iowans to participate in a 21st century global economy. As our Internet usage increases or changes, it becomes more important that all Iowans have access to high-speed Internet service at a reasonable cost.

In addition, the availability of high-speed Internet expands competitive choice for voice telecom consumers through a technology known as Voice over Internet Protocol (VoIP). VoIP allows a customer to make telephone calls using a computer network, over a data network like the Internet. VoIP converts the voice signal from the telephone into a digital signal that travels over the Internet, or a similar data network, then converts it back at the other end so a customer can speak to anyone with a regular phone number.¹ VoIP requires a high-speed Internet connection and commonly uses cable-modem or high-speed digital subscriber line (DSL) services.

Today, high-speed Internet service is available to many Iowans and they have a choice when it comes to their Internet service. These Iowans can subscribe to a high-speed Internet service with speeds of their choosing for a price or they may choose to subscribe to a dial-up service without additional costs depending on their needs. For others, however, high-speed Internet service is not available, and their Internet usage may be limited by the dial-up service they have available.

On July 2, 2007, the Iowa Utilities Board (Board or IUB) initiated a Notice of Inquiry, In Re: 2007 Telecommunications Market Monitoring Survey for Retail Local Voice Services and High-Speed Internet Access Survey, Docket No. NOI-07-3, for the purpose of surveying the level of local exchange service competition and the availability of high-speed Internet access in Iowa. This docket will yield two reports; one on the level of local exchange competition and this report, "Assessing High-Speed Internet Access in the State of Iowa: Sixth Assessment."

This Assessment, like previous Assessments, gauges the availability of high-speed Internet access to both rural and non-rural Iowans. The IUB and the Iowa Department of Economic Development submitted the first report, "Assessing High-Speed Internet Access in the State of Iowa" (First Assessment) to the Legislative Oversight Committee of the Legislative Council in October 2000. The report assessed the statewide availability of high-speed Internet access, and

¹ <http://www.fcc.gov/voip/>

recommendations were made that had the potential to promote access to high-speed Internet service in rural Iowa. The First Assessment was in compliance with Senate File 2433 of the 1999 general session. In response to recommendations contained in the First Assessment, the IUB conducted Second, Third, Fourth, and Fifth Assessments in September 2001, January 2003, July 2004, and January 2006, respectively.

Iowa has taken steps to encourage the deployment of high-speed Internet access. Effective July 1, 2005, HF 277, now codified as Iowa Code § 476.1D(c), mandates that a telephone utility subject to rate regulation (Frontier Communications, Iowa Telecommunication Services, Inc., (Iowa Telecom), and Qwest) that elects to increase single-line, flat-rated residential or business service rates shall offer DSL broadband service in all of the telephone utility's exchanges in the state within eighteen months of the first rate increase. Qwest, Iowa Telecom, and Frontier have deployed high-speed Internet services in all of their telephone exchanges, but that does not mean that every community (incorporated or unincorporated) or customer in their exchanges will have readily available high-speed Internet access.

The Board continues to evaluate the progress in the deployment of high-speed Internet access through this Sixth Assessment, including information related to Internet speeds available to consumers and pricing of high-speed Internet services. Comparison of this Assessment with the earlier efforts is critical if a clear perspective on the developing availability of high-speed Internet access to all residents of the State of Iowa is desired. In order to measure availability, consistency between the Assessments has been a goal. In the Sixth Assessment, the survey, terms, and staff analysis employed are very similar to the methods used in the prior Assessments. This report is also consistent with the earlier Assessments when it refers to the availability of high-speed Internet access in a community, in that it does not necessarily mean access is available to every single customer in that community, but may be limited by technology. Due to factors such as distance, line quality, and limited amounts of investment, some customers within a community will not have ready access to high-speed Internet, while others within the same community will.

This report continues to use the same standard for "high-speed" technologies as the previous assessments. High-speed technology is defined as technology capable of providing access services with over 200 kilobits per second (Kbps), this being consistent with the Federal Communication Commission's (FCC) definition of high-speed Internet access, although actual speeds available today exceed that speed. The FCC, in its Section 706 report to Congress, and this Board acknowledge that 200 Kbps is merely the first generation of this technology.² The focus of this report is to determine where at least this "first

² Federal Communications Commission, "Availability of Advanced Telecommunications Capability in the United States FCC 04-208, GN Docket No. 04-54," Fourth Report to Congress, September 9, 2004.

generation” technology is available in Iowa. This report, like previous Assessments, avoids the use of the term “broadband,” because it has come to include a wide range of services and facilities that extend beyond the definition of high-speed technologies used in this report.

The FCC’s Form 477, which is used to collect data on high-speed Internet services, is currently being reviewed, and many changes have been suggested. (See Docket No. WC 07-38.) The IUB may modify its survey instrument for future assessments, based on changes made to the FCC’s Form 477 or based on a desire to gather more or different data on the availability of high-speed Internet access in Iowa.

The IUB sincerely appreciates the cooperation and survey responses from the participating local exchange carriers, cable providers, and wireless/satellite service providers.

Section 2.0 of this report contains the conclusions established from the June 2007 survey data. Section 3.0 describes the survey design and the methodology used to compile the data. Section 4.0 provides a detailed analysis of the data collected from the June 2007 survey. Section 5.0 provides a comparison of data from the FCC report, “High-Speed Services for Internet Access: Status as of December 2006” issued October 31, 2007. Section 6.0 provides a summary of the report and its findings.

2.0 CONCLUSIONS AND COMPARISONS

In July 2007, the IUB distributed a point-in-time, community-by-community and zip code-by-zip code, statewide survey for current and near-term high-speed Internet access in Iowa. The information collected was based on data as of June 30, 2007. The IUB assessed telecommunications companies, cable providers, wireless providers, and satellite companies most likely to offer high-speed Internet access in Iowa. The telecommunications companies included all local exchange carriers (LECs), which consist of incumbent local exchange carriers (ILECs) and competitive local exchange carriers (CLECs).

The Assessment responses captured data for 1,231 Iowa communities.³ Of the 1,231 Iowa communities represented in the Assessment, 963 of the communities are identified as rural. Rural communities are defined as those Iowa communities with less than 2,500 inhabitants and are not served by an urban

³ The list of Iowa communities included all known rural, non-rural, and unincorporated places as of January 2006.

exchange.⁴ The Assessment identified the remaining 268 communities as non-rural.

The following conclusions were reached based on industry responses to the IUB survey.

The availability of high-speed Internet access in rural and non-rural Iowa communities continues to increase.

- 1,156 out of 1,231 Iowa communities, or 93.9 percent, currently have access to one or more types of high-speed Internet technology.
- 925 out of 963 rural communities, or 96.1 percent, currently have high-speed Internet access.
- 231 out of 268 non-rural communities, or 86.2 percent, currently have high-speed Internet access.

The industry slightly exceeded the deployment projections made in the Fifth Assessment.

- As of June 2007, 925 out of the 963 rural communities, or 96.1 percent, and 231 out of the 268 non-rural communities, or 86.2 percent, have access to high-speed Internet.
- The industry projected that 919 out of the 963 rural communities, or 95.4 percent, and 229 out of 268 non-rural communities, or 85.5 percent, would have high-speed Internet access by January 2007.

As the availability of high-speed Internet access has increased, projections for deployment within the next 12 months to un-served communities has decreased.

- The industry is projecting no additional rural community will have access to high-speed Internet services by June 2008.
- For non-rural areas, the industry is projecting an increase from 231 communities in June 2007 to 233 communities in June 2008.
- Overall, the industry is projecting the availability of high-speed Internet will increase by two communities for the twelve months ending June 2008.

⁴ The definition of "rural" in this report is a variation of the Census Bureau's definition of rural. The Census Bureau's definition includes all communities with fewer than 2,500 inhabitants as well as areas outside of communities including farmland, ranch land, and wilderness. The Census Bureau's definition of rural also includes suburban developments that are close to an urban area. Inclusion of these suburban communities may provide misleading results. As a result, this report only defines communities as rural if the community population is less than 2,500 inhabitants and is not served by an urban exchange. Population data were acquired from the 2000 U.S. Census.

xDSL and wireless/satellite technologies are available in the greatest number of Iowa communities.

- xDSL is available in 1,079 out of 1,231 Iowa communities, or 87.7 percent.
- Wireless/satellite high-speed Internet service is available in 790 out of 1,231 Iowa communities, or 64.2 percent.
- High-speed cable-modem service is available in 401 out of 1,231 Iowa communities, or 32.6 percent.

Since the last Assessment, deployment of xDSL services has increased more rapidly in non-rural communities than in rural communities.

- The number of rural communities with access to xDSL increased from 857 in January 2006 to 880 in June 2007. This is an increase of 23 communities, or 2.7 percent.
- The number of non-rural communities with access to xDSL increased from 189 in January 2006 to 199 in June 2007. This is an increase of 10 communities, or 5.3 percent.

Access to cable-modem technology continues to be more prevalent in non-rural communities.

- 242 out of 963 rural communities, or 25.1 percent, have access to high-speed cable-modem services.
- 159 out of 268 non-rural communities, or 59.3 percent, have access to high-speed cable-modem services.

Access to wireless/satellite technologies is greater in non-rural communities than in rural communities.

- 604 out of 963 rural communities, or 62.7 percent, have access to high-speed wireless/satellite technologies as of June 2007; and that number is projected to increase to 612 rural communities, or 63.6 percent, by June 2008.
- As of June 2007, 186 out of 268 non-rural communities, or 69.4 percent, have access to wireless/satellite technologies. The number of non-rural communities is expected to increase by just one community from June 2007 to June 2008.

Competition in the provisioning of high-speed Internet services is increasing in both rural and non-rural communities.

- As of June 2007, 624 out of 963 rural communities, or 64.8 percent, have two or more providers of high-speed Internet services. This compares to 560 out of 963 rural communities, or 58.2 percent, that had two or more providers of high-speed Internet services in January 2006.
- 176 of the 268 non-rural communities, or 65.7 percent, had two or more providers of high-speed Internet as of June 2007. This compares to 173 out of 268 non-rural communities, or 64.6 percent, that had two or more providers of high-speed Internet services in January 2006.

High-speed Internet subscribers using cable-modem technology tend to use higher speeds than those subscribing to xDSL or wireless/satellite technology.

- 41.8 percent of all high-speed Internet subscribers in Iowa use cable-modem Internet services with download speeds greater than 1 megabit per second (Mbps). One Mbps is equivalent to 1000 Kbps.
- 28.7 percent of all high-speed Internet subscribers in Iowa use xDSL Internet services with download speeds greater than 1 Mbps.

3.0 METHODOLOGY

Survey Design

For the first time the Board requested both local telecommunication service and high-speed Internet access information in a single survey instrument, which was identified as the “2007 Telecommunications Market Monitoring Survey for Retail Local Voice Services and High-Speed Internet Access Survey.” The survey instrument included four sections: Section I requested company information, Section II requested customer connections for retail local voice service, Section III requested connection counts on retail single line flat-rated residential and business services from the price regulated carriers, and Section IV requested information on high-speed Internet customer data by community, information on prospective high-speed Internet communities and pricing information for high-speed Internet services. A copy of the Board’s Order, survey instructions and guidelines, and the survey instrument are included as Attachment A to this report.

The survey responses included information that would typically be considered trade secrets or otherwise entitled to confidential treatment under Iowa law. Therefore, the Board granted confidential treatment for the individual company information submitted in the survey responses pursuant to Iowa Code §§ 22.7(3) and 22.7(6). As a result, this report does not discuss or include confidential information from individual companies. It includes only publicly available information, aggregated information, and other information in a format such that it is not possible to reconstruct company-specific confidential information.

The high-speed Internet technology categories used in this report and previous reports are: xDSL, cable-modem, and wireless/satellite. xDSL includes all types of DSL services where the high-speed signal can be carried over existing copper telephone wires without disrupting that part of the signal used for traditional voice phone calls. Included in the xDSL category are both symmetric digital subscriber line (SDSL) and asymmetric digital subscriber line (ADSL). SDSL uploads and downloads data at the same speeds, whereas ADSL’s maximum transfer rates for uploading and downloading data are different. Cable-modem provides high-speed Internet services via a cable network that was originally constructed for regular television programming. Wireless high-speed Internet uses longer-range

directional equipment and antennas to link remote or sparsely populated areas. Satellite uses radio waves instead of wires to deliver access. Wireless and satellite technologies have been combined into one category in the past IUB Assessments to protect the anonymity of the very small number of satellite providers who responded to the survey. To provide comparability to previous surveys, this pairing was continued even though there were significantly more satellite providers responding to the Sixth Assessment survey.

Survey respondents also identified fiber optic cables as an additional technology category that was not specified on the survey instrument. There were several respondents who provide high-speed Internet service via fiber. These responses were kept in a separate category and will be used for comparisons in future assessments.

The survey requested information that could be used to assess each community's or each zip code's current and near-term access to high-speed Internet technologies. In the first four Assessments, zip code information was not requested, but it was included in the Fifth and Sixth Assessment to allow comparisons to the FCC's data. Also, the last two surveys gathered information pertaining to the upstream and downstream speeds attainable through applicable technologies. Specifically, they requested that the number of customers be reported by various speed categories rather than in total as done in the first four Assessments. Respondents were also asked to identify communities in which they planned to deploy high-speed Internet services within the next 12 months.

Survey Distribution

Like the previous Assessments, the Sixth Assessment strives for a comprehensive depiction of high-speed Internet access across the state. The Sixth Assessment includes all ILEC, CLEC, wireless, satellite, and cable companies providing service in the state. Surveys were sent to all certified ILECs and CLECs serving any access lines in Iowa during the year. The IUB does not certify nor retain records on cable and wireless/satellite companies providing service in the state. Distribution lists were compiled from information provided by various cable and wireless/satellite associations and industry contacts. An electronic version of the survey used in the Sixth Assessment was also available on the IUB Website.

4.0 SIXTH ASSESSMENT FINDINGS, CONCLUSIONS, AND COMPARISONS

In July 2007, the IUB distributed a point-in-time, community-by-community, statewide survey for current and near-term high-speed Internet access in Iowa. The following tables are a compilation of the Sixth Assessment data and form the basis for all findings and conclusions contained in this report. This section contains six subsections, each of which analyzes a particular element of the

Assessment data. These subsections include: response rate, statewide availability of high-speed services, availability of high-speed Internet services by technology, concentration of and competition for high-speed services, Internet speeds available, and pricing of Internet services.

Response Rate

The following table summarizes the Assessment response rate:

Table I					
Sixth Assessment Response Rate⁵					
	All Providers	ILECs	CLECs	Cable Providers	Wireless/Satellite Providers
Number of Providers Assessed	359	157	82	26	94
Overall Number of Assessments Returned	353	157	82	23	91
Overall Assessment Response Rate	98.3%	100.0%	100.0%	88.5%	96.8%
Number of Providers Assessed Electronically	359	157	82	26	94
Number of Assessments Returned Electronically	320	142	74	19	85
Electronic Response Rate (% of Surveys Returned Electronically vs. Total # of Surveys Returned)	90.7%	90.5%	90.2%	82.6%	93.4%

The IUB distributed 359 surveys through electronic mail. Of those responding to the Sixth Assessment, 320 out of 353 respondents, or 90.7 percent, filed their information electronically.

The overall response rate for the Sixth Assessment was approximately 1.5 percentage points higher than that of the Fifth Assessment. In total, 353 out of 359 providers responded to the Sixth Assessment for a response rate of 98.3 percent. This compares to 303 out of 313 providers, or 96.8 percent, responding to the Fifth Assessment.

Statewide Availability of High-Speed Services

- √ The availability of high-speed Internet access in rural and non-rural Iowa communities continues to increase;
- √ The industry exceeded the deployment projections made in the Fifth Assessment; and
- √ As the availability of high-speed Internet access has increased, projections for deployment within the next 12 months to un-served communities has decreased.

⁵ Communities that were not represented in the providers' responses were deemed as communities not having access to any high-speed Internet technologies.

Discussion of Conclusions

Attachment B of this report provides maps of the State of Iowa that show the areas where high-speed Internet technologies are available for each type of technology and where they are projected to be available by June 2008.

Attachment C of this report provides a community-by-community list of the same information. As mentioned earlier, the Assessment response captured data for 1,231 Iowa communities, 963 of the communities are identified as rural and the remaining 268 communities as non-rural.

Sixth Assessment Conclusion:

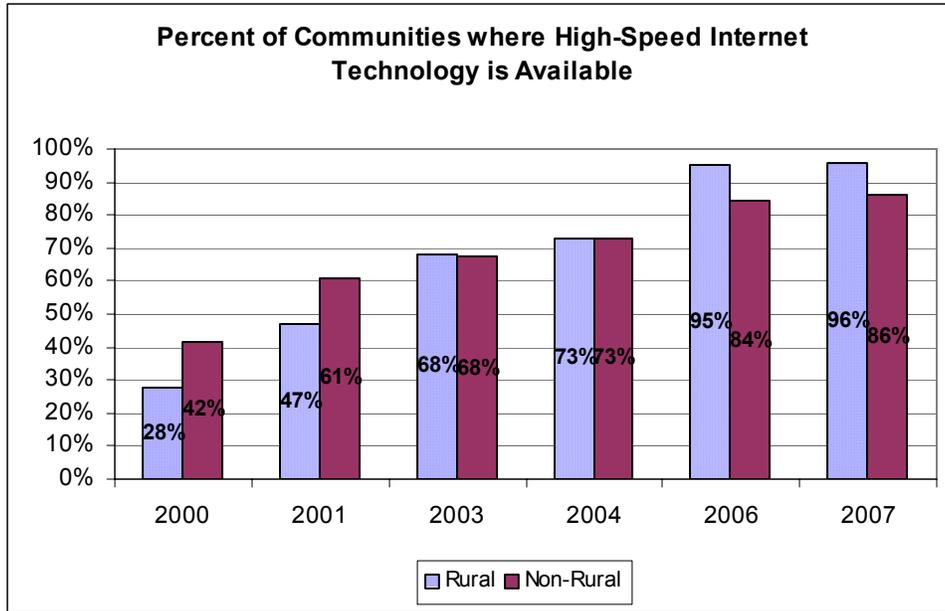
The availability of high-speed Internet access in rural and non-rural Iowa communities continues to increase.

Of the 1,231 communities included in the Assessment responses, 1,156 Iowa communities, or 93.9 percent, have access to at least one type of high-speed Internet technology. Of the 1,156 communities with access, 925 are rural and 231 are non-rural. Based on current deployment schedules, only two additional communities will have access to at least one type of high-speed Internet technology by June 2008. The information is summarized in the following table:

	Rural (963 Communities)		Non-Rural (268 Communities)	
	Access as of June 2007	Projected Access by June 2008	Access as of June 2007	Projected Access by June 2008
Number of Iowa Communities with Access to High-Speed Technologies	925	925	231	233
% of Iowa Communities Surveyed with Access to High-Speed Technologies	96.1%	96.1%	86.2%	86.9%

If industry deployment schedules are realized by June 2008, 233 out of 268 non-rural communities, or 86.9 percent, will have access to at least one type of high-speed Internet technology. In total, 1,158 out of 1,231 communities, or 94.1 percent, will have access to at least one type of high-speed Internet technology by June 2008. The rural and non-rural communities without high-speed Internet access are most often unincorporated areas that are not the primary community within the exchange or zip code.

The following graph shows the percent of rural and non-rural communities that have access to high-speed Internet technologies based on the six IUB Assessments



Sixth Assessment Conclusion:

The industry exceeded the deployment projections made in the Fifth Assessment.

The results of the Sixth Assessment illustrate that the industry exceeded the near-term deployment projections stated in the Fifth Assessment. Table III compares the deployment projections offered by the industry in the Fifth Assessment and the realized deployment of high-speed Internet services to Iowa communities as of June 2007.

	Rural (963 Communities)		Non-Rural (268 Communities)	
	Projected Access by January 2007	Realized Access as of June 2007	Projected Access by January 2007	Realized Access as of June 2007
Number of Iowa Communities with Access to High-Speed Technologies	919	925	229	231
% of Iowa Communities Surveyed with Access to High-Speed Technologies	95.4%	96.1%	85.5%	86.2%

In January 2006, the industry projected that 919 rural and 229 non-rural communities would have access to high-speed Internet services by January 2007. The Sixth Assessment indicates that those projections were exceeded, as 925 rural and 231 non-rural communities currently have access to high-speed Internet services.

Sixth Assessment Conclusion:

As the availability of high-speed Internet access has increased, projections for deployment within the next 12 months to un-served communities has decreased.

In each of the previous Assessments, except the Fourth Assessment, the projected deployment rates had been less aggressive as the availability of high-speed Internet increased. In the Fourth Assessment, near-term deployment rates were significantly more aggressive than the first three Assessments. That change in the deployment trend was primarily due to Iowa Telecom striving to have xDSL deployed to 100 percent of its exchanges by mid-year 2005. As can be seen in the deployment projections in the Fifth and Sixth Assessments, the previous trend of having less aggressive deployment levels has resurfaced, in part because of the success of earlier deployment efforts. The communities that don't have high-speed Internet access are most likely communities that have less demand, and for economic or technological reasons, providers have not yet deployed high-speed Internet access to them.

As the data in Table IV shows, the industry projected that 919 rural communities and 229 non-rural communities would have high-speed Internet access by January 2007. That was an overall increase of four out of the 1,231 communities that have high-speed Internet access, or approximately 0.4 percent. In June 2007, the industry projected that 925 rural communities and 233 non-rural communities would have high-speed Internet access within 12 months. This would be a total increase of two communities, or 0.2 percent, over the current number of rural and non-rural communities with access to high-speed Internet services.

	Rural (963 Communities)		Non-Rural (268 Communities)	
	Projected Access by January 2007	Projected Access by June 2008	Projected Access by January 2007	Projected Access by June 2008
Number of Iowa Communities with Access to High-Speed Technologies	919	925	229	233
% of Iowa Communities Surveyed with Access to High-Speed Technologies	95.4%	96.0%	85.4%	86.9%

Availability of High-Speed Services by Technology

All Technology:

- √ xDSL and wireless/satellite technologies are available in the greatest number of Iowa communities.

xDSL:

- √ *Since the last Assessment, deployment of xDSL services has increased more rapidly in non-rural communities than in rural communities.*

Cable-Modem:

- √ Access to cable-modem technology continues to be more prevalent in non-rural communities.

Wireless/Satellite

- √ Access to wireless/satellite technologies is greater in non-rural communities than in rural communities; and
- √ Access to wireless/satellite technologies is expected to increase very little in rural communities and non-rural communities.

Sixth Assessment Conclusion:

xDSL and wireless/satellite technologies are available in the greatest number of Iowa communities.

As shown in Table V, one or more types of high-speed Internet technology are currently available in 1,156 out of 1,231 communities in Iowa, or 93.9 percent. xDSL is available in 1,079 communities in Iowa, or 87.7 percent. Wireless/satellite high-speed Internet technologies are available in 790 Iowa communities, or 64.2 percent.

The industry projects that wireless/satellite will have the most growth in the number of communities with high-speed Internet access. It projects an increase of 9 communities, from 790 communities in June 2007 to 799 communities June 2008.

Table V Iowa Communities with Access to Different High-Speed Technologies as of June 30, 2007 and Projected to have Access as of June 30, 2008				
	Number of Iowa Communities Surveyed with Access to High- Speed Technologies		% of Iowa Communities Surveyed with Access to High-Speed Technologies	
	Access as of June 2007	Projected Access by June 2008	Access as of June 2007	Projected Access by June 2008
Iowa Communities with Access to:**				
One or More Types of High-Speed Internet Technology	1156	1158	93.9%	94.1%
xDSL Technology	1079	1081	87.7%	87.8%
Wireless/Satellite Technologies	790	799	64.2%	64.9%
Cable-Modem Technology	401	401	32.6%	32.6%

** Based on the 1,231 known incorporated and unincorporated Iowa communities.

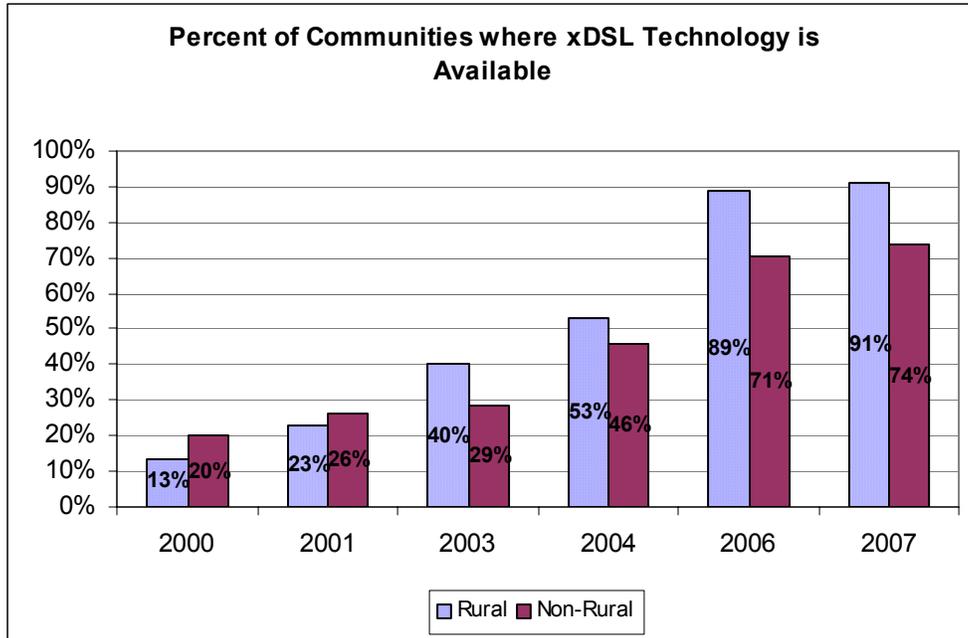
Sixth Assessment Conclusion:

Since the last Assessment, deployment of xDSL services has increased more rapidly in non-rural communities than in rural communities.

High-speed xDSL Internet access in rural communities increased from 857 out of 963 communities, or 89.0 percent, in January 2006, to 880 out of 963 communities, or 91.4 percent, in June 2007. That increase is 2.7 percent. Between September 2001 and June 2007, the number of rural Iowa communities with access to high-speed xDSL technology has increased from 212 to 880, a growth of 315 percent.

The number of non-rural communities with access to high-speed xDSL Internet services increased from 189 out of 268 communities, or 70.5 percent, in January 2006, to 199 out of 268 communities, or 74.3 percent, in June 2007; an increase of 5.3 percent. Since September 2001 the number of non-rural Iowa communities with access to high-speed xDSL technology has increased from 72 to 199, a growth of 176 percent.

The graph below shows the progression in the percentage of rural and non-rural communities with access to xDSL from the first survey in 2000 to the 2007 survey.



As shown in Table VI, by June 2008, the number of communities with access to high-speed xDSL technology is projected to increase by two, one rural and one non-rural community.

	Rural (963 Communities)		Non-Rural (268 Communities)	
	Access as of June 2007	Projected Access by June 2008	Access as of June 2007	Projected Access by June 2008
Number of Iowa Communities with Access to xDSL Technology	880	881	199	200
% of Iowa Communities Surveyed with Access to xDSL Technology	91.4%	91.5%	74.3%	74.6%

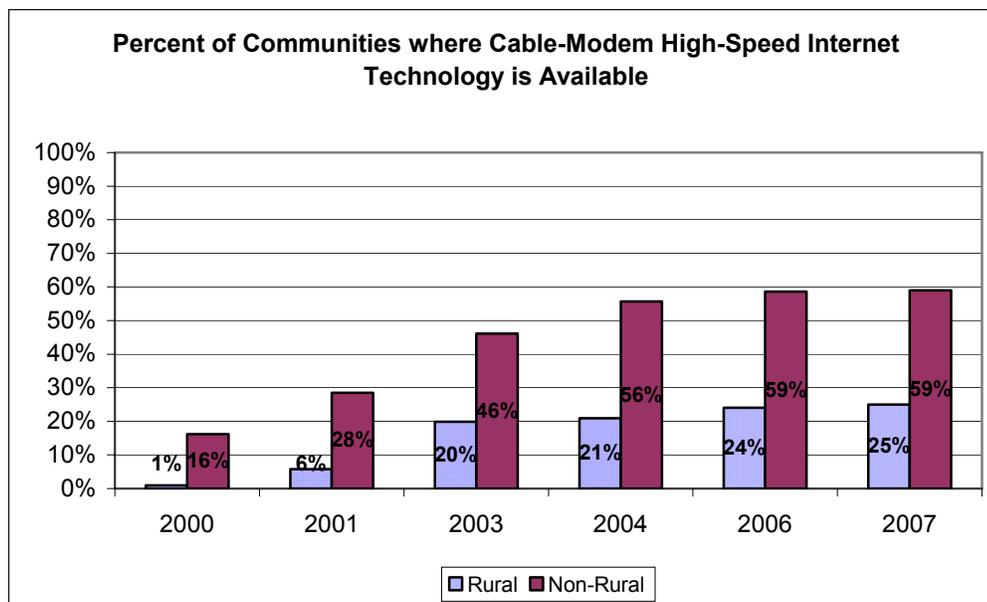
Sixth Assessment Conclusion:

Access to cable-modem technology continues to be more prevalent in non-rural communities.

As shown in Table VII, 159 out of 268 non-rural Iowa communities, or 59.3 percent, have access to high-speed cable-modem technology as of June 2007. At the same time, 242 out of 963 rural Iowa communities, or 25.1 percent, had access to high-speed cable-modem technology. There is no increase projected in the number of either rural or non-rural communities that will have high-speed Internet access through cable-modem technology by June 2008.

Table VII Iowa Communities with Access to High-Speed Cable-Modem Technology as of June 2007 and Communities Expected to have Access by June 2008				
	Rural (963 Communities)		Non-Rural (268 Communities)	
	Access as of June 30, 2007	Projected Access by June 30, 2008	Access as of June 30, 2007	Projected Access by June 30, 2008
Number of Iowa Communities with Access to High-Speed Cable-Modem Technology	242	242	159	159
% of Iowa Communities Surveyed with Access to High-Speed Cable-Modem Technology	25.1%	25.1%	59.3%	59.3%

Below, the graph shows the trend in the percentage of communities where cable-modem high-speed Internet service is available. The data are from the six IUB Assessments.

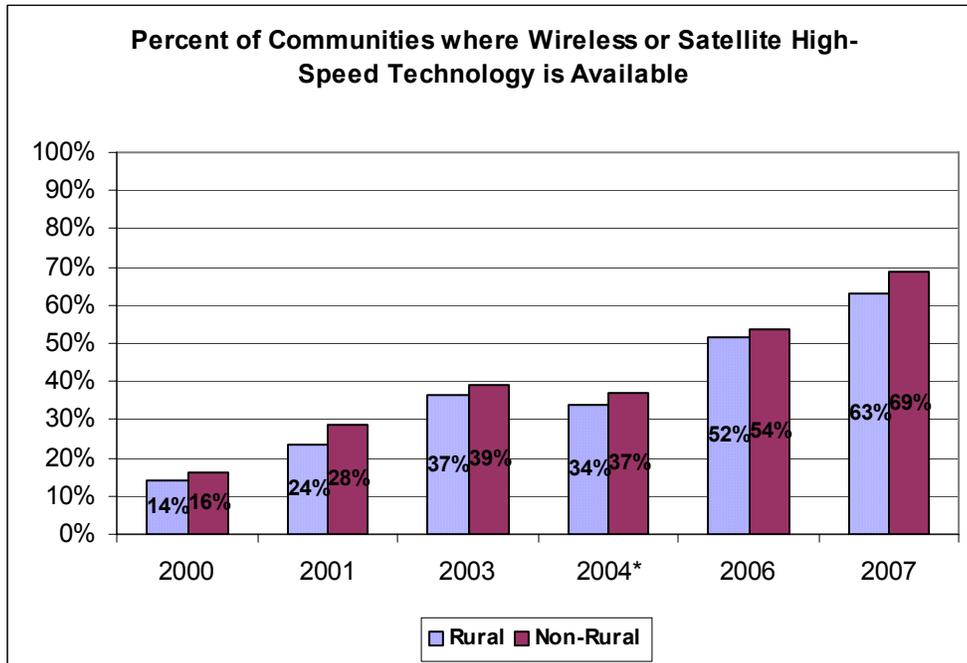


Sixth Assessment Conclusion:

Access to wireless/satellite technologies is greater in non-rural communities than in rural communities.

As shown in the graph below and Table VIII, access to high-speed wireless or satellite technologies increased significantly for both rural and non-rural communities from September 2001 to June 2007, but the level of access is slightly greater in non-rural communities. The number of non-rural communities with access to wireless or satellite technologies increased from 78 out of 274 communities, or 28.5 percent, in September 2001, to 186 out of 268 communities, or 69.4 percent, in June 2007. The number of rural communities

with access to high-speed wireless or satellite technologies increased from 216 out of 917 communities, or 23.6 percent, in September 2001, to 604 out of 963 communities, or 62.7 percent, in June 2007.



*The percentage of communities with access to wireless or satellite high-speed Internet service dropped in 2004, because fewer providers responded to the 2004 IUB survey than the survey done in 2003.

While access to wireless/satellite technologies is slightly higher in non-rural communities, the rural communities have experienced a significantly higher rate of growth since 2001. The number of rural communities with high-speed wireless/satellite Internet technologies has increased by 179.6 percent. During the same time, the number of non-rural communities with wireless/satellite high-speed Internet technologies has increased by 138.5 percent.

The availability of high-speed Internet access through wireless and satellite technologies in Iowa has increased overall from 417 communities in July 2004 to 790 communities, or by 89.5 percent since the Fourth Assessment. The increased availability is due in part to the introduction of additional satellite services in Iowa. Several rural electric cooperatives and rural based incumbent telephone providers have begun offering satellite Internet service, which allows more customers in rural areas to have access to high-speed Internet.

	Rural *		Non-Rural **	
	Access as of September 2001	Access as of June 2007	Access as of September 2001	Access as of June 2007
Number of Iowa Communities with Access to High-Speed Wireless/Satellite Technologies	216	604	78	186
% of Iowa Communities Surveyed with Access to High-Speed Wireless/Satellite Technologies	23.6%	62.7%	28.5%	69.4%

*Based on 917 identified rural communities in September 2001 and 963 in June 2007.

**Based on 274 identified non-rural communities in September 2001 and 268 in June 2007.

Sixth Assessment Conclusion:

Access to wireless/satellite technologies is expected to increase very little in rural communities and non-rural communities.

According to the data collected in the Sixth Assessment, the high-speed wireless/satellite technologies are projected to have only a small amount of growth from June 2007 to June 2008, as shown in Table IX. The wireless/satellite industry is expected to add high-speed Internet service to only eight rural communities, with one additional community expected to gain access to high-speed wireless/satellite technologies in non-rural areas.

	Rural (963 Communities)		Non-Rural (268 Communities)	
	Access as of June 2007	Projected Access by June 30, 2008	Access as of June 2007	Projected Access by June 30, 2008
Number of Iowa Communities with Access to High-Speed Wireless/Satellite Technologies	604	612	186	187
% of Iowa Communities Surveyed with Access to High-Speed Wireless/Satellite Technologies	62.7%	63.6%	69.4%	69.8%

While respondents report very little projected growth in high-speed Internet access via wireless or satellite technology, this is a growing industry and new service providers may emerge to fill the gaps in high-speed Internet availability throughout the State to Iowa. There is at least one new provider that has stated it can provide high-speed Internet services to anyone in Iowa, however, it did not provide current or future deployment data.

Concentration of and Competition for High-Speed Internet Services

Sixth Assessment Conclusion:

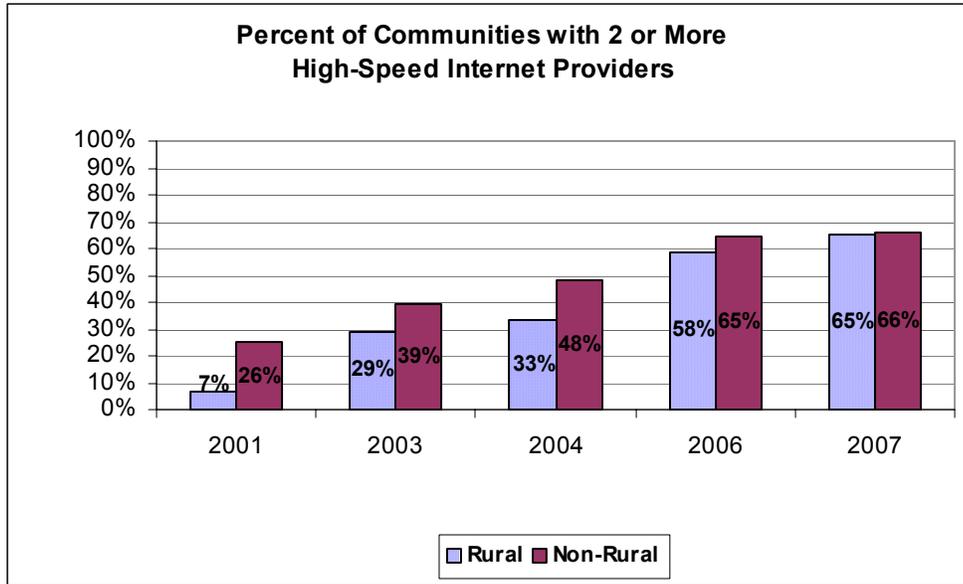
Competition in the provisioning of high-speed Internet services is increasing in both rural and non-rural communities.

Table X shows the number of competitors in Iowa communities providing high-speed Internet services has increased from January 2006 to June 2007. As of June 2007, 624 out of 963 rural communities, or 64.8 percent, have two or more providers of high-speed Internet services. This compares to 560 out of 963 rural communities, or 58.2 percent, that had two or more providers of high-speed Internet services in January 2006.

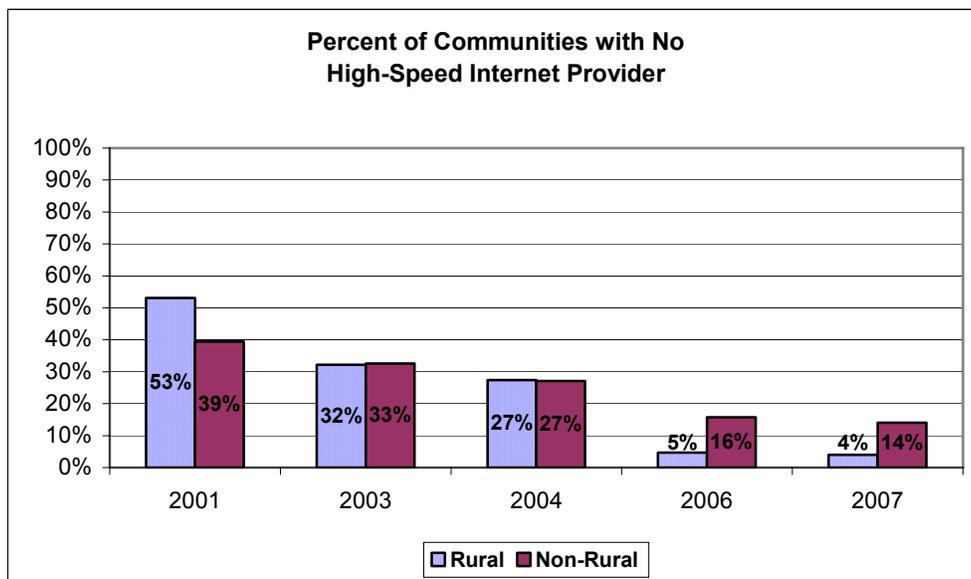
In June 2007, 176 of the 268 non-rural communities, or 65.7 percent, had two or more providers of high-speed Internet. This compares to 173 out of 268 non-rural communities, or 64.6 percent, that had two or more providers of high-speed Internet services in January 2006.

Number of Providers	Rural (963 Communities)		Non-Rural (268 Communities)	
	Communities as of January 2006	Communities as of June 2007	Communities as of January 2006	Communities as of June 2007
0	45	38	42	37
1	358	301	53	55
2	253	225	42	19
3	183	183	39	21
4	84	116	24	46
5 or more	40	100	68	90

The graph below illustrates the percentage of rural and non-rural communities that have two or more high-speed Internet providers. There were 63 out of 917 rural communities, or 6.9 percent, with two or more competitors in September 2001. This compares to 624 out of 963 communities, or 64.8 percent in June 2007. In non-rural areas, there were 70 out of 274 communities, or 25.6 percent, that had two or more competitors in September 2001 versus 176 of the 268 communities, or 65.7 percent in June 2007.



Another measure of the increasing access of high-speed Internet service in Iowa is the decreasing number of communities that have no providers, as shown in the following graph. In September 2001, 487 out of 917 rural communities, or 53.1 percent, had no provider of high-speed Internet service. By June 2007 that number had dropped to 38 out of 963 rural communities, or just below 4.0 percent. For non-rural communities, 108 out of 274 communities, or 39.4 percent, had no high-speed Internet service in September 2001, whereas in June 2007, 37 out of 268 communities, or 13.8 percent of non-rural communities had no high-speed Internet provider.



Availability of Higher Speed Internet Service

Sixth Assessment Conclusion:

High-speed Internet subscribers using cable-modem technology tend to use higher speeds than those subscribing to xDSL or wireless/satellite technology.

In the IUB's Fifth and Sixth Assessments, high-speed Internet service providers were asked to report the number of customers they had in each of the four download speed categories: 200-512 Kbps; 513-999 Kbps; 1-4.99 Mbps; and Over 5 Mbps. More than 95 percent of those using cable-modem technology subscribe to service with speeds of 1 Mbps or greater, while 59.0 percent of xDSL users and 7.3 percent of satellite/wireless users subscribe to services with speeds of 1 Mbps or greater.

While many Iowans desire to have higher download speeds for the same or even a slightly higher price, several survey respondents noted that many of their customers (in some cases over half of their Internet customers) choose a service that provides download speeds of 128 Kbps (or below). Although these services do not meet the definition of high-speed for the IUB's Assessments, these respondents believe that this service is noteworthy because it provides an alternative for connecting customers to the Internet.

Since the IUB Assessment does not survey consumers, it is difficult to determine why non-rural customers use higher speeds than rural customers. It could be a number of factors such as: the higher price for the higher speeds, availability of higher speeds, or reliability of the higher speeds offered.

Pricing of High-Speed Services

The first four Assessments tried to gauge the availability of high-speed Internet in Iowa. The Fifth and Sixth Assessments also looked at the affordability by asking service providers to list their various high-speed Internet access services and related prices. Additionally, the survey asked whether they provide a stand-alone Internet service, or if high-speed Internet access is only offered with existing telephone or cable services.

According to data gathered in the Sixth Assessment, stand-alone services are available in every technology group. All of the wireless/satellite high-speed Internet providers report that stand-alone services are available for their customers. Nearly all of the cable-modem and about two thirds of the xDSL service providers reported offering some type of stand-alone high-speed Internet access.

Due to the diversity of the pricing for high-speed Internet access, it is difficult to quantify results from the pricing section of the Sixth Assessment. Each technology group (cable, wireless/satellite, and xDSL) reported offering a high-

speed Internet service starting around \$20.00 to \$25.00 per month. The prices increased depending on the Internet speed, length of contract, and whether the Internet service was bundled with an existing telephone or cable service.

The average price for xDSL with a speed of 256 Kbps in at least one direction was approximately \$45.00 while the price for xDSL with a speed of 512 Kbps in at least one direction averaged about \$56.00. Installation fees for xDSL vary, but may be as much as \$150.00. However, many providers waive this fee if the customer signs a contract for a specified length of time.

The installation fee for cable was also waived by many providers if the customer signed a contract, but may be as much as \$129.95. The average price for cable-modem Internet service with a speed of 256 Kbps in at least one direction was roughly \$35.00 and was approximately \$45.00 for Internet service with a speed of 512 Kbps in at least one direction. For cable-modem Internet service with speeds between 1 Mbps and 10 Mbps, the price ranges between \$60.00 and \$75.00.

Wireless or satellite service has the highest installation fees, ranging from \$70.00 to \$299.00. Very few wireless or satellite providers reported that they would waive installation fees. The average price per month for wireless or satellite Internet service with a speed of 256 Kbps in at least one direction was nearly \$47.00 while the price for this service with a speed of 512 Kbps in at least one direction was approximately \$60.00.

5.0 NATIONAL DATA

On October 31, 2007, the FCC released its report “High-Speed Services for Internet Access: Status as of December 31, 2006.” (October 2007 FCC Internet Report) The report summarizes data filed on FCC Form 477 as of December 31, 2006. Prior to the June 30, 2005, data, the FCC required state-level data from providers with at least 250 high-speed connections in the state. That requirement changed and now all facilities-based providers of high-speed connections to end-users are obligated to file the FCC Form 477. This change resulted in twice as many companies reporting information to the FCC on a nationwide basis in June 2005 compared to December 2004. The number of providers who serve Iowa and reported to the FCC increased from 61 in December 2004 to 182 (unduplicated) in December 2006. Like the new FCC requirement, the IUB survey attempts to compile data from all providers regardless of the number of high-speed connections they have in the state. In total, the IUB Assessment found that there were 245 providers of high-speed Internet services in Iowa.

Data reported in the summary tables within the FCC report is based primarily on the number of high-speed lines by state or by the type of technology. The IUB

survey attempted to compile similar data, but the definition of the technology categories (ADSL, SDSL, Cable, etc.) may not be directly comparable. Additionally, it is important to note that the FCC data are from December 2006 while the IUB Assessment data are from June 30, 2007.

The following analysis compares the FCC data for Iowa to the national or other state data. The following tables use data taken from the October 2007 FCC Internet Report.

State	ADSL	SDSL	Traditional Wireline	Cable-Modem	Fiber	Satellite	Fixed Wireless	Mobile Wireless	Power Line	Total Unduplicated
Iowa	126	47	30	36	16	4	36	*	*	182
Texas	64	25	31	24	17	*	51	6	0	138
Illinois	56	21	34	16	12	*	39	*	*	121
Minnesota	69	23	18	14	21	*	18	*	0	101
Kansas	41	17	14	24	12	*	25	*	0	83
Missouri	38	20	15	17	10	4	25	*	*	83

*Indicate one to three providers.

The table above shows that Iowa is ranked first in the nation when it comes to the number of providers of high-speed lines with 182 (unduplicated) suppliers, or over 295 if you allow a supplier to be counted for each type of high-speed Internet technology it provides. According to responses to the IUB's Sixth Assessment, there were 195 ILECs and CLECs, 16 cable companies, and 34 wireless or satellite companies that provide some form of high-speed Internet service in the State of Iowa for a total of 245 providers. That total includes a provider being counted for each high-speed Internet technology they provide. For example, if an ILEC provides high-speed Internet via xDSL and wireless, it would be counted once as an xDSL supplier and once as a wireless supplier.

The large number of suppliers in Iowa is most likely due to the large number of smaller incumbent telephone companies that Iowa has when compared to other states. ILECs and CLECs normally provide high-speed Internet services via xDSL, which includes ADSL, SDSL, or traditional wireline technology such as T-carrier, but the IUB Assessment does not distinguish between various types of xDSL technology.

Since the IUB Assessment and the FCC data do not have the same number of providers, there are some differences when comparing IUB data to the FCC data.

Table XII									
High-Speed Lines by Technology as of December 31, 2006									
(Over 200 Kbps in at least one direction)									
State	ADSL	SDSL	Traditional Wireline	Cable-Modem	Fiber	Satellite	Fixed Wireless	Mobile Wireless	Power Line
Iowa	35.6%	0.7%	0.4%	35.8%	0.5%	*	2.0%	*	0.0%
Nationwide	30.8%	0.4%	0.8%	38.9%	1.2%	0.7%	0.6%	26.5%	0.0%
IUB Data	48.6%			43.9%	0.5%	7.0%			

*Data withheld for confidentiality.

The data collected in the IUB's Sixth Assessment show that 48.6 percent of the reported high-speed Internet customers in Iowa use xDSL technology, while 43.9 percent utilize cable-modem technology. This compares to the FCC's data in Table XII showing that a total of 36.7 percent of Iowa's high-speed Internet lines are ADSL, SDSL, or traditional wireline and 35.8 percent are cable-modem. Table XIV also illustrates that the high-speed technologies in Iowa are very comparable to those available on a nationwide basis.

Table XIII		
Overall Growth Percent of All High-Speed Lines		
(Over 200 Kbps in at least one direction)		
	Comparing June 2006 to December 2006	Comparing December 2005 to December 2006
Iowa	46.6%	66.0%
Nationwide	27.1%	61.2%

Table XIII translates FCC data into growth percentages for all high-speed lines in Iowa and on a national basis. In comparing data from June 2006 to data from December 2006, the overall growth rate for high-speed lines in Iowa was well above the national average, but from December 2005 to December 2006 the growth rate for high-speed lines in Iowa was more closely aligned to the national average. This indicates that most of the growth during that twelve-month period occurred from June 2006 to December 2006.

The data in Table XIV and Table XV gives the growth rate percentages for two of the FCC's technology categories, ADSL and cable-modem. The other technology categories were not documented at a state level in the previous reports issued by the FCC. In comparing data from June 2006 to December 2006 and December 2005 data to December 2006 data, the growth rate for high-speed lines in Iowa was above the national average in ADSL but below the national average in cable-modem. This corresponds to the IUB's Fifth and Sixth Assessments, which showed very little growth in the availability of high-speed Internet services via the cable-modem technology.

Table XIV		
Growth Percent of <u>ADSL</u> High-Speed Lines		
(Over 200 Kbps in at least one direction)		
	Comparing June 2006 to December 2006	Comparing December 2005 to December 2006
Iowa	23.1%	54.4%
Nationwide	12.6%	30.2%

Table XV		
Growth Percent of <u>Cable-Modem</u> High-Speed Lines		
(Over 200 Kbps in at least one direction)		
	Comparing June 2006 to December 2006	Comparing December 2005 to December 2006
Iowa	3.9%	6.6%
Nationwide	11.2%	20.9%

The FCC data in Table XVI shows the breakdown of high-speed users, indicating that the percentage of Residential and Small Business users in Iowa is just slightly below that of the nationwide percentage. The IUB's Sixth Assessment requested that providers report the number of Residential versus the number of Business customers, but there was no further breakdown of Business customers into the large and small categories. Additionally, several providers noted that they do not distinguish between Residential and Business customers; therefore, they reported all customers as either Residential or Business. Therefore a good comparison of the IUB data and the FCC's data is not available.

Table XVI		
High-Speed Lines by Type of User as of December 31, 2006		
(Over 200 Kbps in at least one direction)		
	Residential & Small Businesses	Other*
Iowa	69.1%	30.9%
Nationwide	70.6%	29.4%

*Includes medium and large business, institutional, and governmental customers.

According to the FCC data represented in Table XVII, 1 percent of Iowa zip codes had no high-speed Internet lines in service. This means that the providers did not have any customers in 1 percent of Iowa's zip codes. This compares to zero percent nationwide. The FCC data show that there are eight other states that have the same or larger percentage of zip codes with no high-speed Internet lines in service as Iowa.

In the IUB's Sixth Assessment, the respondents were asked to report the zip codes where they provide high-speed Internet service not where there are high-speed lines in service. Since several providers gave a total customer count for their entire service area rather than by community or zip code, the IUB Assessment does not provide comparable data to that of the FCC's in Table XIX.

Table XVII											
Percentage of Zip Codes with High-Speed Lines in Service											
as of December 31, 2006											
(Over 200 Kbps in at least one direction)											
Number of Providers											
	Zero	One	Two	Three	Four	Five	Six	Seven	Eight	Nine	Ten or More
Iowa	1%	7%	13%	17%	16%	14%	11%	6%	5%	4%	6%
Nationwide	0%	2%	6%	9%	11%	13%	12%	10%	8%	7%	22%

According to the FCC data in Table XVIII, Iowa has xDSL available to 85 percent of the customers where ILECs provide local telephone service, and cable-modem high-speed Internet service is available to 90 percent of customers where cable providers offer cable television services.

Table XVIII		
Percentage of Residential End-User Premises with Access to High-Speed Services		
as of December 31, 2006		
	xDSL Availability where ILECs Offer Local Telephone Service	Cable-Modem Availability where Cable Systems Offer Cable TV Service
Iowa	85%	90%
Nationwide	79%	96%

6.0 SUMMARY

This Sixth Assessment shows that the availability of high-speed Internet services has continued to improve in Iowa, but deployment has slowed as saturation levels are approached. The presence of xDSL, cable-modem, and wireless/satellite technologies increased by only twelve communities since the Fifth Assessment. In June 2007, 1,156 out of the 1,231 communities, or 93.9 percent, had access to one or more types of high-speed Internet technologies compared to 1,144 of the 1,231 communities, or 92.9 percent in January 2006.

Although deployment to communities without high-speed Internet access has slowed, Iowa continues to see an increase in the number of providers serving those communities that have high-speed Internet access. These competitors bring Iowans the ability to choose the speed, package, and pricing of high-speed Internet service that fits their needs. In June 2007, 800 of the 1,231 communities, or 65.0 percent, have two or more providers of high-speed Internet services, which compares to 733 of the 1,231 communities, or 59.5 percent in January 2006.

Still, high-speed Internet access is not available to all Iowans. According to data collected in the Sixth Assessment, industry projects only two additional communities will have access to high-speed Internet services by June 2008, which leaves 73 communities (38 rural and 35 non-rural) with no access to high-

speed Internet services. Most of these communities are unincorporated areas that are not the primary community within their zip code. Even though there are 35 non-rural communities that have no high-speed Internet access, the majority of the 73 communities not served have populations of 200 or less. Only one of the 73 communities has a population of over 1,000. (As a reminder, a community is considered non-rural if it is served by an urban exchange, regardless of population.) While industry has not given deployment projections that cover these specific communities, many of these communities are within a zip code or telephone exchange that has high-speed Internet access. Supplying high-speed Internet access to these communities is a decision to be made by each provider. Their decision may be based, in part, on customer demand, the economic return on their investment, or technology limitations.

As the FCC reviews and proposes changes to the data collected on its Form 477, the IUB may change the look of future reports on high-speed Internet availability in the State of Iowa. However, Iowa policymakers will continue to monitor the availability and deployment of high-speed Internet services and encourage providers to offer these services to all Iowans.

LIST OF ACRONYMS

ADSL – Asymmetric Digital Subscriber Line

Bps – Bits Per Second

CLEC – Competitive Local Exchange Carrier

DSL – Digital Subscriber Line

FCC – Federal Communications Commission

IDED – Iowa Department of Economic Development

ILEC – Incumbent Local Exchange Carrier

IUB – Iowa Utilities Board

Kbps – Thousand Bits Per Second

LEC – Local Exchange Carrier

Mbps – Megabits Per Second

SDSL – Symmetric Digital Subscriber Line

xDSL – Family of Digital Subscriber Line Service

ATTACHMENT A

- Board Order Initiating inquiry and Granting Confidentiality - Docket No. NOI-07-3.
- 2007 Survey Instructions and Guidelines for Docket No. NOI-07-3.
- 2007 Telecommunications Market Monitoring Survey for Retail Local Voice Services and High-Speed Internet Access Survey for Docket No. NOI-07-3.

STATE OF IOWA
DEPARTMENT OF COMMERCE
UTILITIES BOARD

IN RE:

2007 TELECOMMUNICATIONS MARKET
MONITORING SURVEY FOR RETAIL
LOCAL VOICE SERVICES AND HIGH-
SPEED INTERNET ACCESS SURVEY

DOCKET NO. NOI-07-3

ORDER INITIATING INQUIRY AND GRANTING CONFIDENTIALITY

(Issued July 2, 2007)

BACKGROUND

This docket is being opened for the purpose of surveying the level of local exchange service competition and the availability of broadband access in Iowa. As described below, the Utilities Board (Board) has conducted separate surveys of these services in the past, but is now combining them. The local voice service survey is the result of the Board's deregulation of many local exchange services.

On May 7, 2004, the Board initiated a deregulation proceeding on its own motion, pursuant to Iowa Code § 476.1D (2003) and 199 IAC 5.3(1) (2003) and identified as Docket No. INU-04-1, to consider whether local exchange service to business customers in 21 specific Iowa communities was subject to effective competition and should be deregulated. The Board also proposed to consider whether residential second line service throughout Iowa was subject to effective competition and should be deregulated.

On December 23, 2004, the Board issued its "Final Decision and Order" in that proceeding and determined that effective competition was present in 20 of the 21 identified communities and deregulated residential and business local exchange service in those markets. Also as part of the December 23, 2004, order, the Board retained service quality regulation over all telecommunications service providers in those communities pursuant to Iowa Code § 476.1D(5) and noted that it would continue to monitor the markets identified in the December 23, 2004, order through the use of competition surveys.

In 2005, new legislation, identified as House File 277 (HF 277), amended Iowa Code §§ 476.1D and 476.55. The amended statutes relate to the deregulation of retail rates for most local exchange communications services in Iowa except for single line flat-rated residential and business rates. Rates for these services were initially set at the corresponding rates charged by each rate-regulated utility as of January 31, 2005. Those monthly rates could then be increased by up to \$1 per year for residential service, or \$2 per year for business service, plus inflation, up to specified caps, beginning on July 1, 2005, through June 30, 2008. Effective July 1, 2008, the retail rate jurisdiction of the Board shall not be applicable to most local exchange services unless the Board elects to extend its jurisdiction for a period of not more than two years, if such an action is necessary for the public interest.

On May 13, 2005, the Board initiated a second deregulation proceeding on its own motion, pursuant to Iowa Code § 476.1D (2005) and 199 IAC 5.3(1) (2005) and

identified as Docket No. INU-05-2, to consider whether single line flat-rated residential and business local exchange service in 31 Iowa communities should be deregulated. The Board also sought comments regarding the nature of Qwest Corporation's "QPP" product as a replacement for unbundled network element platform (UNE-P) arrangements in interconnection agreements with competitive carriers and whether Voice over Internet Protocol (VoIP), wireless service, or cable telephony should be considered comparable to or substitutions for wireline service.

On December 5, 2005, the Board issued its "Final Decision and Order" in that proceeding and determined that effective competition was present in 20 of the 31 identified communities. Accordingly, the Board deregulated single line flat-rated residential and business local exchange rates in those markets. Also as part of the December 5, 2005, order, the Board retained service quality regulation over all telecommunications service providers in those communities pursuant to Iowa Code § 476.1D(5) and noted that it would continue to monitor the markets identified in the December 5, 2005, order through the use of competition surveys.

The broadband access survey is the result of a legislative directive. In 2000, the Iowa General Assembly passed legislation, identified as Senate File 2433, requiring the Board and the Department of Economic Development (DED) to submit to the General Assembly a joint report "with recommendations to ensure that high-speed broadband internet access is available to rural areas of the state where such access is not currently available." In compliance with that legislative mandate, the

Board and DED submitted a report in October 2000 assessing the statewide availability of high-speed Internet access and offered recommendations to ensure access to high-speed Internet service in rural Iowa. Responding to the recommendations contained in the October 2000 report, the Board conducted subsequent assessments and issued reports in February 2002, May 2003, December 2004, and March 2006.

NOTICE OF INQUIRY

In order to continue its monitoring of telecommunications markets and the availability of high-speed broadband Internet access in Iowa, the Board will initiate this inquiry to collect data from local telecommunications service providers, as well as the cable providers, wireless providers, and satellite companies most likely to offer high-speed Internet access in Iowa. Data collection will be conducted through the use of one combined survey instrument.

The survey that will be sent to all local service providers, cable providers, wireless providers, and satellite companies, identified as the "2007 Telecommunications Market Monitoring Survey for Retail Local Voice Services and High-Speed Internet Access Survey," will be used to obtain an overview of the status of local exchange competition in Iowa and to assess the availability of high-speed Internet access in all parts of the state. A copy of the survey is attached to this order.

The Board requests that each company receiving a copy of this order complete the appropriate survey or surveys using data available as of June 30, 2007, and return it to Board staff on or before August 20, 2007.

Once the Board has reviewed the initial responses, it will determine if additional questions need to be addressed and, if so, in what format. The Board is appointing Larry Stevens as the Inquiry Manager for this docket. Survey responses should be sent to the address listed on the survey; additional comments and questions about the docket should be addressed to Mr. Stevens, (515) 281-4725, or via e-mail, Larry.Stevens@iowa.gov.

CONFIDENTIAL TREATMENT

In this proceeding, the Board requests survey responses from all local voice service providers and the cable providers, wireless providers, and satellite companies most likely to offer high-speed Internet access in Iowa. These responses will likely include information that may be considered trade secrets or that is otherwise entitled to confidential treatment under Iowa law. Therefore, the Board will grant confidential treatment for the information submitted in the updated survey responses pursuant to Iowa Code §§ 22.7(3) and 22.7(6) and will issue a protective order, similar to that used in Docket Nos. INU-04-1 and INU-05-2, to outline the conditions under which submitted information will be received and maintained.

Iowa Code § 22.7(3) provides confidential treatment for trade secrets that are recognized and protected as such by law. The material requested of the carriers

includes specific line count information. Based on past applications for confidential treatment filed by numerous carriers seeking protection of the line count information, the Board finds that line count information constitutes a trade secret under Iowa Code § 550.2(4) as it derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means, by a person able to obtain economic value from its disclosure. The Board finds that this information, if released, would provide an advantage to competitors.

Iowa Code § 22.7(6) provides confidential treatment to public records that are reports to government agencies and which, if released, would give advantage to competitors and serve no public purpose. Again, based on past applications for confidential treatment involving the same type of information, the Board finds that the responses to the survey constitute a report to a government agency and the Board finds that the release of the information would serve no public purpose.

At this time, the Board anticipates that orders or reports issued in this docket will not discuss or include individual company confidential information. However, orders or reports will include aggregated information and other information in a format such that it will not be possible to reconstruct company-specific confidential information with any degree of precision. However, it is too early to predict the precise requirements of the orders or reports, so the Board expressly reserves the right to use any of this information in its orders or reports, if necessary. Before using

any confidential information in a manner that might reveal it to the public, the Board will give the affected company or companies notice pursuant to 199 IAC 1.9.

ORDERING CLAUSES

IT IS THEREFORE ORDERED:

1. An inquiry identified as Docket No. NOI-07-3 is initiated to monitor the telecommunications markets and assess the availability of high-speed broadband Internet access in Iowa.
2. Responses to the surveys described in this order are to be filed with the Board on or before August 20, 2007.
3. The information contained in the survey responses shall be held confidential by the Board subject to the provisions of 199 IAC 1.9(8)"b"(3).

UTILITIES BOARD

/s/ John R. Norris

/s/ Curtis W. Stamp

ATTEST:

/s/ Margaret Munson
Deputy Executive Secretary

/s/ Krista K. Tanner

Dated at Des Moines, Iowa, this 2nd day of July, 2007.



2007 Survey Instructions and Guidelines

Docket No.: NOI-07-3

General Notes:

All service providers should complete all portions of Section I: Company Information. *If an organization is structured to furnish services under multiple company names, a separate survey should be complete for each entity.* Organizations providing retail local voice services should complete Section II: Customer Connections for Local Voice Services. Qwest Corporation, Frontier Communications, and Iowa Telecommunications should complete Section III: Single Line Flat-Rated Residential and Business Retail Connection Count Survey for Price Regulated Companies. Internet service providers should complete Section IV: High-Speed Internet Access Survey. All service providers are requested to return all sections of the survey instrument as part of their completed response. If additional space is needed for completing Sections II, III, or IV, the respondent can request additional pages by e-mail for each section as needed. Responders may also complete Sections II, III, or IV using an Excel spreadsheet containing a similar structure as the survey instrument.

Pursuant to the initiating order in this docket, all information submitted will be treated as confidential.

*All survey forms are to be completed and returned on or before **August 20, 2007**. Completed forms should be sent to: Executive Secretary, Iowa Utilities Board, 350 Maple Street, Des Moines, IA 50319-0069. Those wishing to send e-mails with electronic versions of the surveys attached should send them to IUBSurveys@iub.state.ia.us. Please respond with NOI-07-3 in the subject line of the e-mail.*

If you have questions on:

Section II – Customer Connections for Retail Local Voice Service

Section III – Single Line Flat-Rated Connection Count

Please contact Larry Stevens. Telephone number: 515-281-4725. E-mail: Larry.Stevens@iowa.gov.

Section IV-A – High-Speed Internet Customer Data by Community

Section IV-B – Prospective High-Speed Internet Communities

Section IV-C – Pricing Information for High-Speed Internet Services

Please contact Brenda Biddle. Telephone number: 515-242-0218. E-mail: Brenda.Biddle@iowa.gov.

Instructions for Section I: Company Information

Please provide company and contact information as requested on page 1 of the survey instrument.

The information requested for the company's URL is the Internet address where consumers can obtain information and pricing on services or products being offered by your organization.

The USAC Study Area Code only applies to local voice service providers receiving Federal Universal Service Funds. This is the six-digit number that has been assigned to your company by Universal Service Administration Company for your serving area(s) within the State of Iowa.

Instructions for Section II: Customer Connections for Retail Local Voice Service

Requested information should be as of **June 30, 2007**. Listed below are a few definitions to help define the scope of this survey.

The purpose of this portion of the survey is to obtain actual counts of the number of retail local voice service connections being furnished by each service provider to end users or customers in the various communities of Iowa. Information requested involves providing a count or number of customer connections, or functional equivalent facilities, for which a service provider is billing consumers for retail local voice service. For the purpose of this survey, customer connections for retail local voice service are physical connections or the functional equivalent facilities that are revenue producing and provide voice grade access to the public switched network. The connections also utilize telephone numbers included in Numbering Plan Areas (NPAs) assigned to Iowa and monitored by the North American Numbering Plan Administrator (NANPA). Count customer connections based on how customers are billed rather than how services are provisioned.

"Local service" means telephone or similar voice service furnished between customers or users located within a service area or exchange. This should include VoIP, cable telephony, wireless, and satellite services.

"Service area" or "exchange area" means the general area in which the telephone utility holds itself out to furnish local telephone service.

Column ----- Column Description ----- Explanation

- (a) Community Name – Community Name
(Note: Wireless and VoIP providers may need to use the customer billing addresses to determine the community name.)
- (b) Exchange Name or Service Area – General area or location where the service provider holds itself out to furnish retail local voice service.
- (c) Service Provider Type – Choose either Incumbent or Competitor from the drop down box.
- (d) How the Service is Provisioned – Choose one from the drop down box:
 - Facilities Based - Service provided using facilities owned by the service provider.
 - UNEs - Service provided using leased or purchased unbundled network elements (UNE), Qwest’s Platform Plus (QPP), Qwest Local Service Platform (QLSP), or similar types of leased network elements. This also includes services being furnished where the service provider utilizes owned facilities, such as switching and leased local loop facilities.
 - Resale - Service provided through the use of discounted resold retail services.

If service is being provisioned by one or more methods within a community or NPA-NXX, please provide the count of the number of connections for each method in column (f).

- (e) NPA-NXX – Each number plan area-NXX as utilized in the provision of retail local voice service.
- (f) Number of Retail Local Service Connections or Functional Equivalent for Each NPA-NXX – This is the numerical count of the quantity of retail local voice connections provided to end users. Please provide counts of the number of connections provided through the use of each method of service provisioning (Facilities Based, UNEs & Resale) as identified in column (d) and, if possible, identify the service being provided as being residential (RES) or business (BUS). If offered services are not distinguished as either residential or business, enter the counts in the combination (COMB) column. **See example below.**

SECTION II: Customer Connections for Retail Local Voice Services– Example

Community Name (a)	Exchange Name or Service Area (b)	Service Provider Type: (c)	How the Service is Provisioned: (d)	NPA-NXX (e)	Number of Local Voice Service Connections or Functional Equivalents for Each NPA-NXX (f)		
					RES	BUS	COMB
Example City	Example City	Incumbent	Facilities Based	563-852	25	32	
			UNEs	563-852	10	2	
			Resale	563-852	22	40	

Instructions for Section III: Single Line Flat-Rated Residential and Business Retail Connection Count Survey for Price Regulated Companies

This section of the survey is to be completed by Qwest Corporation, Frontier Communications, and Iowa Telecommunications only.

- 1) Provide the number of single line flat-rated residential and business retail connection counts by community and NPA-NXX.
- 2) Provide a chronological listing of rates and rate changes, if any, for single line flat-rated residential and business retail service beginning July 1, 2004 through July 1, 2007.

Instructions for Section IV: High-Speed Internet Access Survey

Section IV-A: Current High-Speed Internet Customer Data by Community

The purpose of this portion of the survey is to obtain actual counts of the number of high-speed connections being furnished by each service provider to end users or customers in the various communities of Iowa. Requested information should be as of **June 30, 2007**.

Column ----- Column Description ----- Explanation

- (a) Community Name - Please list the communities where you provide high-speed Internet service. For areas served outside the city limits, those subscribers should be assigned to the community where they receive service.
- (b) Zip Code – List the zip code that corresponds to the community listed in Column (a).
- (c) Service to Residential Customers – this is a yes or no question to determine if you provide high-speed Internet service to residential customers.
- (d) Service to Business Customers – this is a yes or no question to determine if you provide high-speed Internet service to business customers.
- (e) This should be the total number of residential and business customers for your primary service in each community (i.e. telephone, cable television, or wireless telephone service). For xDSL service providers, please list the total number of access lines.
- (f) This should be the total number of your high-speed Internet customers in each community (access lines for xDSL). Please give the number of residential and business customers in each Internet speed category, which are listed by download speeds.

****Please click on the box in each Internet speed category (residential and business) that you are capable of providing to your customers – even if you have no customers subscribing to that service.*

- (g) Please list the number of residential and business customers in each community that could be immediately served with high speed Internet.

Section IV-B: Prospective High-Speed Internet Communities

Please complete this section if there are communities that you do not currently provide high-speed Internet service to, but plan to provide service to by June 30, 2008. If possible, please estimate the month in which service will be available to that community by using the drop down box in the third column.

Section IV-C: Pricing

All companies providing high-speed Internet service should complete this section or attach a list of their Internet service plans and rates. The IUB is interested in whether your company provides a stand-alone high-speed Internet service such as “naked DSL” or if Internet service must be bundled with your other service offerings (telephone, cable service, satellite television, etc)

Iowa Utilities Board
2007 Telecommunications Market Monitoring Survey for Retail Local Voice Services
and High-Speed Internet Access Survey



Docket No. - NOI-07-3

Section I – Company Information

Company Name:			
Company Address:	City:	State:	Zip Code:
Telephone #:	Fax #:		
Survey Contact Person:			
E-Mail Address:	Company's URL:		
USAC Study Area Code:			

Does your company currently provide retail local voice service in the state of Iowa? Yes No
 (If yes, check the appropriate type of service provider below. All providers of retail local voice service in Iowa should complete Section II)

Type of Service Provider: Wireline - Incumbent Wireline - Competitor Cable Telephony
 Wireless Satellite VoIP Other Explain: _____

Does your company currently operate as a Price Regulated Company in Iowa? Yes No (If yes, complete Section III)

Does your company currently provide high-speed Internet services (those with speeds greater than 200 Kbps) in the state of Iowa?
 Yes No

(If yes, check the appropriate type of service provider below. All providers of high-speed Internet service in Iowa should complete Section IV-A and Section IV-C)

Type of Service Provider: xDSL Cable -Modem Wireless Satellite

If No, does your company plan to offer high-speed Internet service in Iowa within 12 months? Yes No
 (If yes, please complete Section IV-B)

Other Information:

*All survey forms are to be completed and returned on or before **August 20, 2007**. Completed forms should be sent to: Executive Secretary, Iowa Utilities Board, 350 Maple Street, Des Moines, IA 50319-0069. Those wishing to send e-mails with electronic versions of the surveys attached should send them to IUBSurveys@iub.state.ia.us*

**SECTION III - Single Line Flat-Rated Residential and Business Retail Connection Count Survey
for Price Regulated Companies**



Note: Section III of this data request is only for Frontier Communications, Iowa Telecommunications, and Qwest.

Company Name:
Data as of June 30, 2007

- 1) Provide the number of single line flat-rated residential and business retail connection counts by community and NPA-NXX as shown in the following table. Public access lines (PAL) should be included in the business connection counts.

CONFIDENTIAL

Community Name	NPA-NXX	Number of Local Voice Service Single Line Flat-rated Connections for Each NPA-NXX	
		RES	BUS

- 2) Provide a chronological listing of rates and rate changes for single line flat-rated residential and business retail service beginning July 1, 2004, through July 1, 2007. Please provide your response on a separate page or in a separate file.

IUB Contact: Larry Stevens

Phone: (515) 281-4725

E-Mail: larry.stevens@iowa.gov



SECTION IV-A - Current High-Speed Internet Customer Data by Community

Company Name:
Data as of June 30, 2007

CONFIDENTIAL

(a) List all Communities Currently Serving	(b) List the Community's Zip Code(s)	(c) Do You Currently Offer High- Speed Internet Services to Residential Customers in this Community/ Zip Code	(d) Do You Currently Offer High- Speed Internet Services to Business Customers in this Community/ Zip Code	(e) Total Number of Customers in this Community/Zip Code		(f) Number of Customers Currently Subscribing to High-Speed Internet Service <i>Speeds listed below are download speeds</i> Please fill in number of Residential (Res) and Business (Bus) customers by Internet speed range								(g) Number of Customers that Currently Have Access to Your High-Speed Internet Service in this Community/Zip Code	
						200-512 Kbps		513-999 Kbps		1-4.99 Mbps		Over 5 Mbps			
						Res	Bus	Res	Bus	Res	Bus	Res	Bus		
Example City	99999	Yes	Yes	1000	100	200	10	125	25	0	0	0	0	675	50
		Check which speeds you offer in this community				X	X	X	X	X	X				
		Choose Y/N	Choose Y/N												
		Check which speeds you offer in this community				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Choose Y/N	Choose Y/N												
		Check which speeds you offer in this community				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Choose Y/N	Choose Y/N												
		Check which speeds you offer in this community				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Choose Y/N	Choose Y/N												
		Check which speeds you offer in this community				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Choose Y/N	Choose Y/N												
		Check which speeds you offer in this community				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Choose Y/N	Choose Y/N												
		Check which speeds you offer in this community				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Choose Y/N	Choose Y/N												
		Check which speeds you offer in this community				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		Choose Y/N	Choose Y/N												
		Check which speeds you offer in this community				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		



Company Name:
Data as of June 30, 2007

SECTION IV-B - Prospective High-Speed Internet Communities

Please list any additional communities that you plan to provide high-speed Internet service to within the next 12 months (by June 30, 2008).

List all Additional Communities that will be Served by June 30, 2008	List the Community's Zip Code(s)	Month in which High-Speed Internet Service will be Available
		Pick a Month

SECTION IV-C - Pricing Information

Does your company currently provide a stand-alone high-speed Internet service?

Yes No

Please list all the current high-speed Internet options and corresponding prices. Include stand-alone and bundled products.

Type of Service (Internet Speed, Bundled Services, etc.)	Recurring Rate Billed to the Customer per Month – Including any Rental Charges for Equipment (List Range if Price Varies by Community)	Term of Contract – if applicable	Other Items – Include any Offers or Other Features as applicable	Installation Fee
<i>Example – Internet 384 K (up and down)</i>	\$79.95	1 year contract	Free Modem	\$25.00

ATTACHMENT B

MAPS

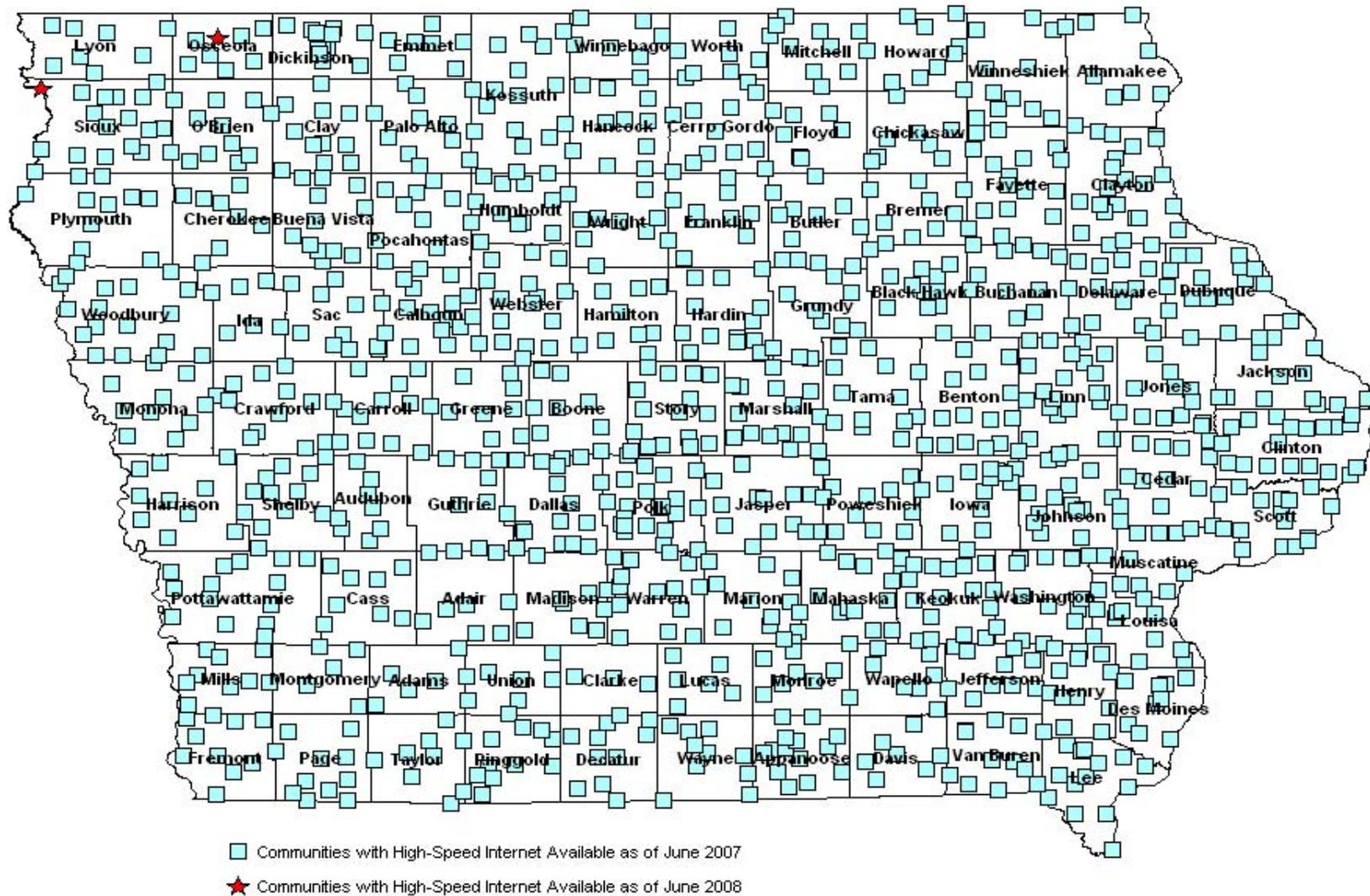
- Iowa Utilities Board High-Speed Internet Technology Map for: xDSL, Cable-Modem, and Wireless/Satellite Service
 - Communities with High-Speed Internet Available as of June 2007.
 - Communities with High-Speed Internet Projected to be Available by June 2008.

- Iowa Utilities Board High-Speed Internet Technology Map for: xDSL Service
 - Communities with High-Speed Internet Available as of June 2007.
 - Communities with High-Speed Internet Projected to be Available by June 2008.

- Iowa Utilities Board High-Speed Internet Technology Map for: Cable-Modem Service
 - Communities with High-Speed Internet Available as of June 2007.
 - Communities with High-Speed Internet Projected to be Available by June 2008.

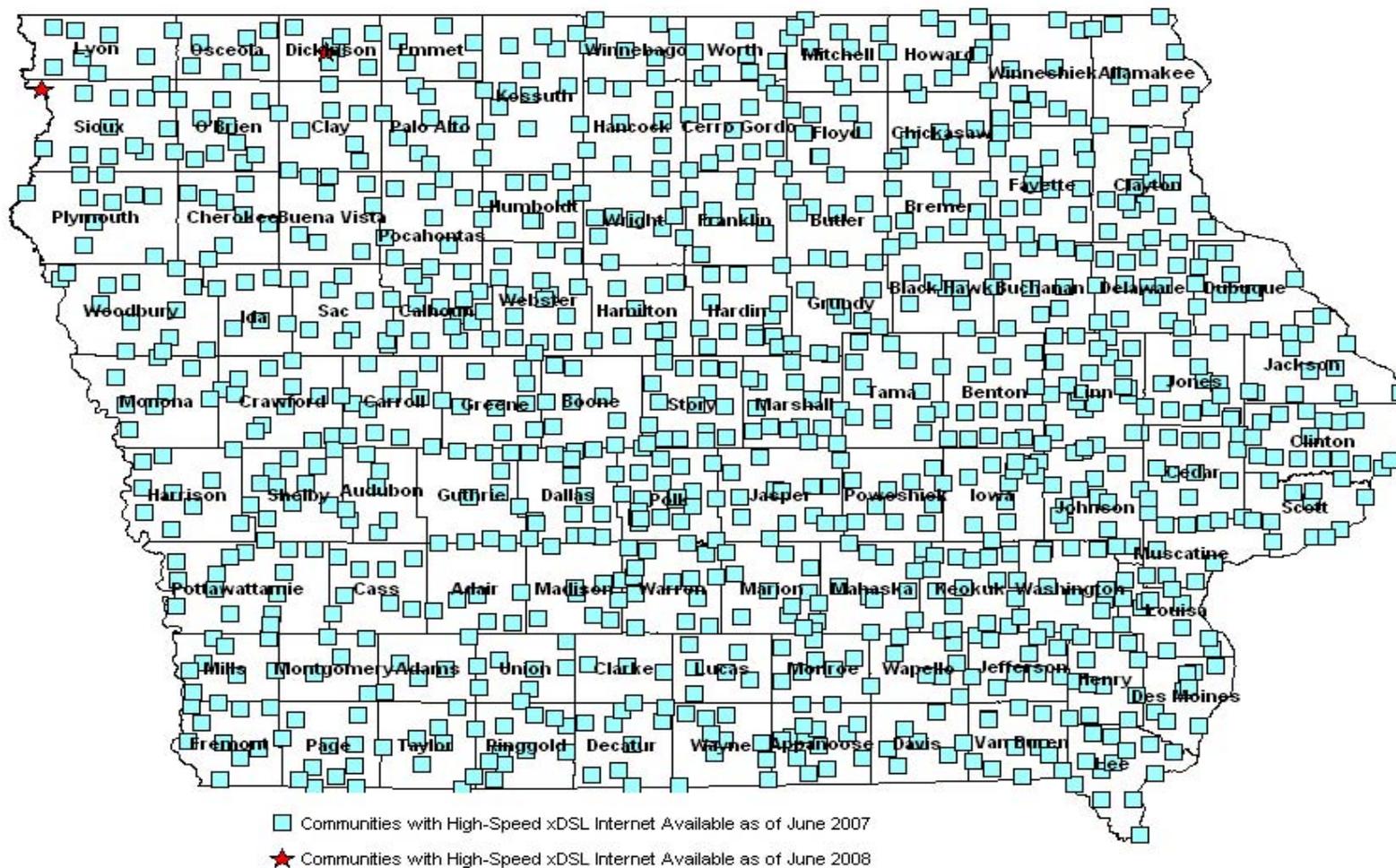
- Iowa Utilities Board High-Speed Internet Technology Map for: Wireless/Satellite Service
 - Communities with High-Speed Internet Available as of June 2007.
 - Communities with High-Speed Internet Projected to be Available by June 2008.

STATE OF IOWA
 High-Speed Internet Technology Map
 xDSL, Cable-Modem, and Wireless/Satellite Services
 June 2007



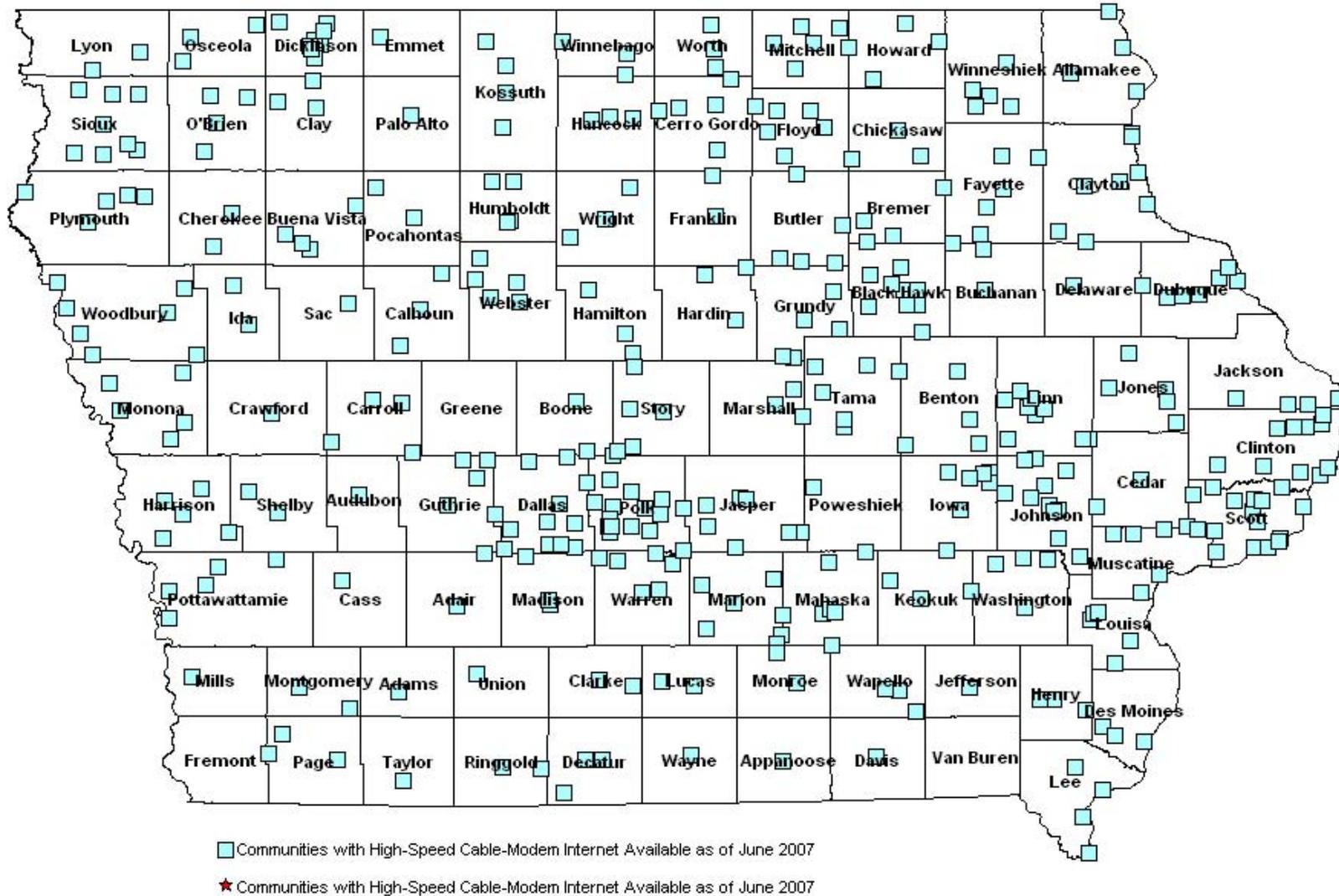
Availability of high-speed Internet access in a community DOES NOT mean the technology is available to ALL customers in that community.

STATE OF IOWA
 High-Speed Internet Technology Map
 xDSL Service
 June 2007



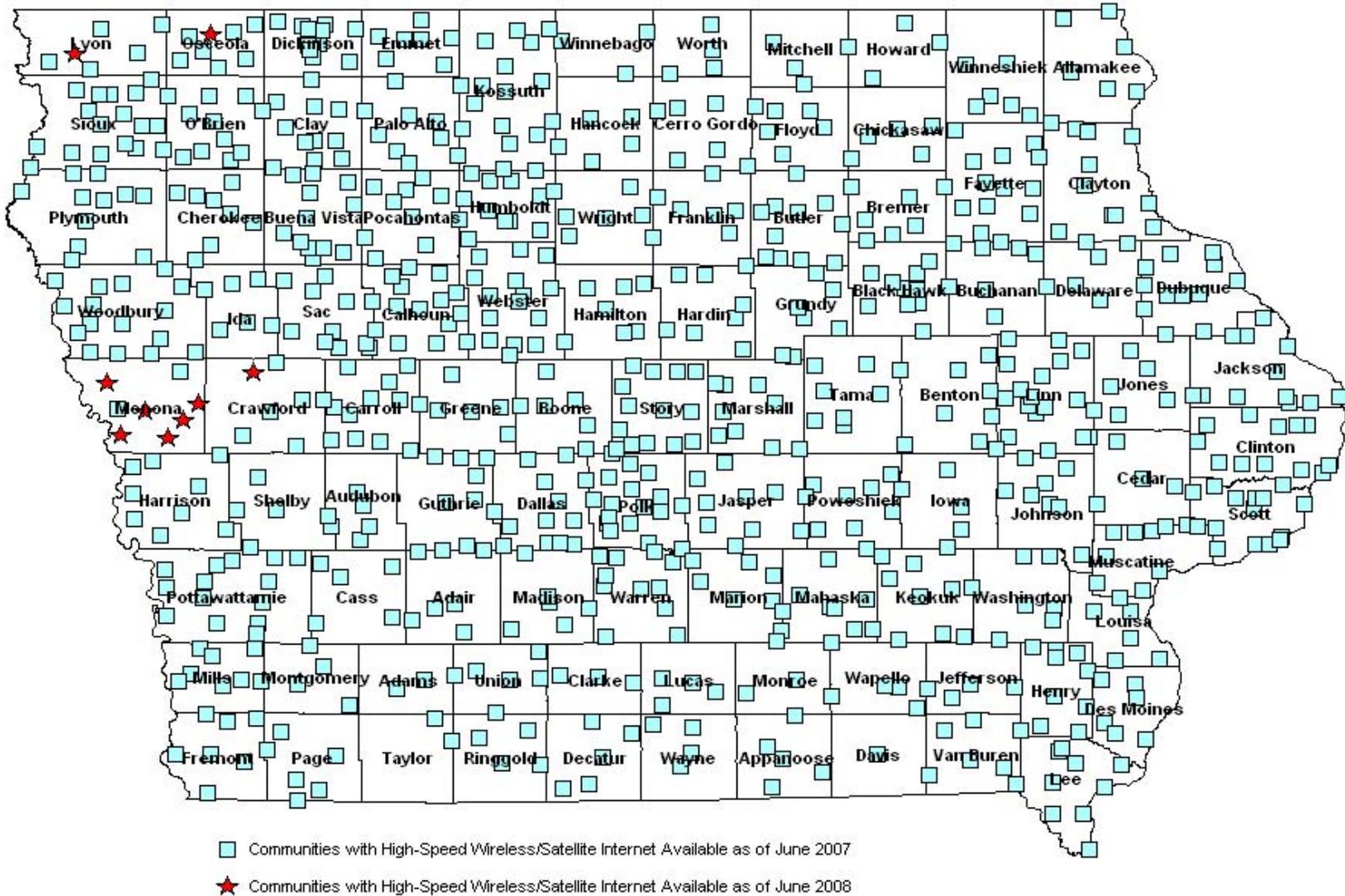
Availability of high-speed Internet access in a community DOES NOT mean the technology is available to ALL customers in that community.

STATE OF IOWA
 High-Speed Internet Technology Map
 Cable-Modem Service
 June 2007



Availability of high-speed Internet access in a community DOES NOT mean the technology is available to ALL customers in that community.

STATE OF IOWA
 High-Speed Internet Technology Map
 Wireless/Satellite Service
 June 2007



Availability of high-speed Internet access in a community DOES NOT mean the technology is available to ALL customers in that community.

ATTACHMENT C

Sixth Assessment of Iowa Communities Accessing High-Speed Technologies

(As of June 2007)

SIXTH ASSESSMENT OF IOWA COMMUNITIES ACCESSING HIGH-SPEED INTERNET TECHNOLOGIES

County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Adair	Adair	R	X	X			X	X
Adair	Bridgewater	R	X	X			X	X
Adair	Fontanelle	R	X	X			X	X
Adair	Greenfield	R	X	X	X	X	X	X
Adair	Orient	R	X	X			X	X
Adair	Stanzel	R	X	X				
Adair	Zion	R	X	X				
Adams	Brooks	R						
Adams	Carbon	R	X	X				
Adams	Corning	R	X	X	X	X	X	X
Adams	Nevinville	R	X	X				
Adams	Nodaway	R	X	X				
Adams	Prescott	R	X	X			X	X
Allamakee	Dorchester	R	X	X			X	X
Allamakee	Hanover	U						
Allamakee	Harper's Ferry	R	X	X	X	X	X	X
Allamakee	Lansing	R	X	X	X	X	X	X
Allamakee	New Albin	R	X	X	X	X	X	X
Allamakee	Postville	R	X	X			X	X
Allamakee	Rossville	U	X	X				
Allamakee	South Spring Grove	R	X	X				
Allamakee	Waterville	R	X	X			X	X
Allamakee	Waukon	U	X	X	X	X	X	X
Appanoose	Brazil	R						
Appanoose	Centerville	U	X	X	X	X	X	X
Appanoose	Cincinnati	R	X	X			X	X
Appanoose	Exline	R	X	X				
Appanoose	Garfield	R	X	X				
Appanoose	Iconium	R	X	X				
Appanoose	Livingston	R	X	X				
Appanoose	Moravia	R	X	X			X	X
Appanoose	Moulton	R	X	X			X	X

SIXTH ASSESSMENT OF IOWA COMMUNITIES ACCESSING HIGH-SPEED INTERNET TECHNOLOGIES

County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Appanoose	Mystic	R	X	X			X	X
Appanoose	Numa	U	X	X				
Appanoose	Plano	R	X	X				
Appanoose	Rathbun	U	X	X				
Appanoose	Udell	R	X	X				
Appanoose	Unionville	R	X	X				
Appanoose	Walnut City	R	X	X				
Audubon	Audubon	R	X	X	X	X	X	X
Audubon	Brayton	R	X	X			X	X
Audubon	Exira	R	X	X			X	X
Audubon	Fiscus	R	X	X				
Audubon	Gray	R	X	X				
Audubon	Hamlin	R					X	X
Audubon	Kimballton	R	X	X			X	X
Audubon	Ross	R	X	X				
Benton	Atkins	R	X	X			X	X
Benton	Belle Plaine	U	X	X	X	X	X	X
Benton	Blairstown	R	X	X				
Benton	Garrison	R	X	X				
Benton	Keystone	R	X	X				
Benton	Luzerne	U	X	X				
Benton	Mount Auburn	R	X	X				
Benton	Newhall	R	X	X	X	X		
Benton	Norway	R	X	X	X	X	X	X
Benton	Shellsburg	R	X	X			X	X
Benton	Urbana	R	X	X			X	X
Benton	Van Horne	R	X	X			X	X
Benton	Vinton	U	X	X	X	X	X	X
Benton	Walford	R	X	X			X	X
Benton	Watkins	R	X	X				
Black Hawk	Cedar Falls	U	X	X	X	X	X	X
Black Hawk	Dewar	U					X	X

SIXTH ASSESSMENT OF IOWA COMMUNITIES ACCESSING HIGH-SPEED INTERNET TECHNOLOGIES

County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Black Hawk	Dunkerton	R	X	X			X	X
Black Hawk	Elk Run Heights	U			X	X		
Black Hawk	Evansdale	U	X	X	X	X	X	X
Black Hawk	Gilbertville	U	X	X	X	X	X	X
Black Hawk	Hudson	R	X	X	X	X	X	X
Black Hawk	LaPorte City	R	X	X	X	X	X	X
Black Hawk	Raymond	U	X	X	X	X	X	X
Black Hawk	Washburn	U			X	X	X	X
Black Hawk	Waterloo	U	X	X	X	X	X	X
Boone	Zook Spur	U	X	X				
Boone	Beaver	R	X	X			X	X
Boone	Berkley	R	X	X				
Boone	Boone	U	X	X	X	X	X	X
Boone	Boxholm	R	X	X				
Boone	Luther	R	X	X			X	X
Boone	Madrid	U	X	X	X	X	X	X
Boone	Ogden	R	X	X			X	X
Boone	Pilot Mound	R	X	X			X	X
Bremer	Bremer	U						
Bremer	Buck Creek	R	X	X				
Bremer	Denver	R	X	X	X	X	X	X
Bremer	Finchford	R	X	X				
Bremer	Frederkia	R	X	X				
Bremer	Horton	R						
Bremer	Janesville	R	X	X	X	X	X	X
Bremer	Plainfield	R	X	X			X	X
Bremer	Readlyn	R	X	X			X	X
Bremer	Sumner	R	X	X	X	X	X	X
Bremer	Tripoli	R	X	X			X	X
Bremer	Waverly	U	X	X	X	X	X	X
Buchanan	Aurora	R	X	X			X	X
Buchanan	Brandon	R	X	X				

SIXTH ASSESSMENT OF IOWA COMMUNITIES ACCESSING HIGH-SPEED INTERNET TECHNOLOGIES

County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Buchanan	Fairbank	R	X	X	X	X	X	X
Buchanan	Hazleton	R	X	X	X	X	X	X
Buchanan	Independence	U	X	X	X	X	X	X
Buchanan	Jesup	R	X	X			X	X
Buchanan	Lamont	R	X	X			X	X
Buchanan	Littleton	R	X	X				
Buchanan	Quasqueton	R	X	X				
Buchanan	Rowley	R	X	X			X	X
Buchanan	Stanley	R	X	X			X	X
Buchanan	Winthrop	R	X	X				
Buena Vista	Albert City	R	X	X	X	X	X	X
Buena Vista	Alta	U	X	X	X	X	X	X
Buena Vista	Juniata	U					X	X
Buena Vista	Lakeside	U			X	X	X	X
Buena Vista	Linn Grove	R	X	X			X	X
Buena Vista	Marathon	R	X	X			X	X
Buena Vista	Newell	R	X	X			X	X
Buena Vista	Rembrandt	R	X	X			X	X
Buena Vista	Sioux Rapids	R	X	X			X	X
Buena Vista	Storm Lake	U	X	X	X	X	X	X
Buena Vista	Sulphur Springs	U					X	X
Buena Vista	Truesdale	U					X	X
Butler	Allison	R	X	X			X	X
Butler	Aplington	R	X	X	X	X	X	X
Butler	Aredale	R	X	X				
Butler	Austinville	R					X	X
Butler	Bristow	R	X	X			X	X
Butler	Clarksville	R	X	X			X	X
Butler	Dumont	R	X	X			X	X
Butler	Greene	R	X	X	X	X	X	X
Butler	Kesley	R					X	X
Butler	New Hartford	R	X	X	X	X	X	X

SIXTH ASSESSMENT OF IOWA COMMUNITIES ACCESSING HIGH-SPEED INTERNET TECHNOLOGIES

County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Butler	Parkersburg	R	X	X	X	X	X	X
Butler	Shell Rock	R	X	X	X	X	X	X
Butler	Sinclair	R						
Calhoun	Farnhamville	R	X	X			X	X
Calhoun	Jolley	R	X	X			X	X
Calhoun	Knierim	R	X	X			X	X
Calhoun	Knoke	R	X	X			X	X
Calhoun	Lake City	R	X	X	X	X	X	X
Calhoun	Lavinia	R	X	X			X	X
Calhoun	Lohrville	R	X	X			X	X
Calhoun	Manson	R	X	X	X	X	X	X
Calhoun	Piper	R	X	X				
Calhoun	Pomeroy	R	X	X			X	X
Calhoun	Rands	R	X	X				
Calhoun	Richards	R	X	X			X	X
Calhoun	Rinard	R	X	X			X	X
Calhoun	Rockwell City	R	X	X	X	X	X	X
Calhoun	Somers	R	X	X			X	X
Calhoun	Yetter	R	X	X			X	X
Carroll	Arcadia	R	X	X			X	X
Carroll	Breda	R	X	X			X	X
Carroll	Carroll	U	X	X	X	X	X	X
Carroll	Coon Rapids	R	X	X	X	X	X	X
Carroll	Dedham	R	X	X			X	X
Carroll	Glidden	R	X	X	X	X	X	X
Carroll	Halbur	R	X	X			X	X
Carroll	Lanesboro	R	X	X			X	X
Carroll	Lidderdale	R	X	X			X	X
Carroll	Manning	R	X	X	X	X	X	X
Carroll	Maple River Junction	U						
Carroll	Mount Carmel	U						
Carroll	Ralston	R	X	X			X	X

SIXTH ASSESSMENT OF IOWA COMMUNITIES ACCESSING HIGH-SPEED INTERNET TECHNOLOGIES

County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Carroll	Roselle	U						
Carroll	Templeton	R	X	X			X	X
Carroll	Willey	U						
Cass	Anita	R	X	X			X	X
Cass	Atlantic	U	X	X	X	X	X	X
Cass	Cumberland	R	X	X				
Cass	Griswold	R	X	X			X	X
Cass	Lewis	R	X	X				
Cass	Marne	R	X	X			X	X
Cass	Massena	R	X	X			X	X
Cass	Wiota	R	X	X				
Cedar	Bennett	R	X	X			X	X
Cedar	Buchanan	U	X	X				
Cedar	Cedar Bluff	U	X	X				
Cedar	Clarence	R	X	X				
Cedar	Downey	R	X	X				
Cedar	Durant	R	X	X	X	X	X	X
Cedar	Lowden	R	X	X				
Cedar	Massillion	R	X	X				
Cedar	Mechanicsville	R	X	X			X	X
Cedar	Rochester	R	X	X				
Cedar	Springdale	R	X	X				
Cedar	Stanwood	R	X	X				
Cedar	Tipton	U	X	X	X	X	X	X
Cedar	West Branch	R	X	X	X	X	X	X
Cerro Gordo	Burchinal	R	X	X				
Cerro Gordo	Cartersville	R	X	X				
Cerro Gordo	Clear Lake	U	X	X	X	X	X	X
Cerro Gordo	Dougherty	R	X	X			X	X
Cerro Gordo	Mason City	U	X	X	X	X	X	X
Cerro Gordo	Meservey	R	X	X				

SIXTH ASSESSMENT OF IOWA COMMUNITIES ACCESSING HIGH-SPEED INTERNET TECHNOLOGIES

County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Cerro Gordo	Rock Falls	R	X	X				
Cerro Gordo	Rockwell	R	X	X	X	X	X	X
Cerro Gordo	Swaledale	R	X	X				
Cerro Gordo	Thornton	R	X	X			X	X
Cerro Gordo	Ventura	R	X	X	X	X	X	X
Cherokee	Aurelia	R	X	X			X	X
Cherokee	Cherokee	U	X	X	X	X	X	X
Cherokee	Cleghorn	R	X	X			X	X
Cherokee	Larrabee	R	X	X			X	X
Cherokee	Marcus	R	X	X			X	X
Cherokee	Meriden	R	X	X			X	X
Cherokee	Quimby	R	X	X	X	X	X	X
Cherokee	Washta	R	X	X			X	X
Chickasaw	Alta Vista	R	X	X				
Chickasaw	Bassett	U						
Chickasaw	Boyd	U	X	X				
Chickasaw	Bradford	U	X	X				
Chickasaw	Fredericksburg	R	X	X	X	X	X	X
Chickasaw	Ionia	U	X	X			X	X
Chickasaw	Lawler	R	X	X			X	X
Chickasaw	Nashua	R	X	X	X	X	X	X
Chickasaw	New Hampton	U	X	X	X	X	X	X
Chickasaw	North Washington	R	X	X				
Clarke	Lacelle	U	X	X				
Clarke	Murray	R	X	X			X	X
Clarke	Osceola	U	X	X	X	X	X	X
Clarke	Woodburn	R	X	X	X	X	X	X
Clay	Cornell	R					X	X
Clay	Dickens	R	X	X			X	X
Clay	Everly	R			X	X	X	X
Clay	Fostoria	U	X	X	X	X	X	X
Clay	Gillett Grove	R	X	X			X	X

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County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Clay	Greenville	U					X	X
Clay	Peterson	R	X	X			X	X
Clay	Rossie	U					X	X
Clay	Royal	R	X	X			X	X
Clay	Spencer	U	X	X	X	X	X	X
Clay	Webb	R	X	X			X	X
Clayton	Clayton	R			X	X		
Clayton	Clayton Center	R	X	X				
Clayton	Communia	R	X	X				
Clayton	East Amana	R	X	X				
Clayton	Elkader	R	X	X	X	X	X	X
Clayton	Elkport	R					X	X
Clayton	Esmann Island	R						
Clayton	Farmersburg	R	X	X				
Clayton	Garber	R	X	X			X	X
Clayton	Garnavillo	R	X	X	X	X		
Clayton	Giard	R	X	X				
Clayton	Guttenburg	R	X	X	X	X	X	X
Clayton	Littleport	R						
Clayton	Luana	R					X	X
Clayton	Marquette	R			X	X		
Clayton	McGregor	R	X	X	X	X	X	X
Clayton	Mederville	R	X	X				
Clayton	Millville	R	X	X				
Clayton	Monona	R	X	X			X	X
Clayton	North Buena Vista	R					X	X
Clayton	Osborne	R	X	X				
Clayton	Osterdock	R						
Clayton	Saint Olaf	R	X	X			X	X
Clayton	Strawberry Point	R	X	X	X	X	X	X
Clayton	Volga	R	X	X				
Clayton	Wood	R	X	X				

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Clinton	Andover	R			X	X		
Clinton	Bryant	R			X	X	X	X
Clinton	Calamus	R	X	X	X	X	X	X
Clinton	Camanche	U	X	X	X	X	X	X
Clinton	Charlotte	R	X	X	X	X	X	X
Clinton	Clinton	U	X	X	X	X	X	X
Clinton	Delmar	R	X	X			X	X
Clinton	DeWitt	R	X	X	X	X	X	X
Clinton	Elvira	R						
Clinton	Elwood	R	X	X				
Clinton	Goose Lake	R	X	X	X	X	X	X
Clinton	Grand Mound	R	X	X			X	X
Clinton	Lost Nation	R	X	X			X	X
Clinton	Low Moor	R	X	X	X	X	X	X
Clinton	Malone	R	X	X				
Clinton	Petersville	R	X	X				
Clinton	Teeds Grove	U			X	X		
Clinton	Toronto	R	X	X			X	X
Clinton	Welton	R	X	X				
Clinton	Wheatland	R	X	X				
Crawford	Arion	R	X	X				
Crawford	Aspinwall	R	X	X				
Crawford	Berne	R	X	X				
Crawford	Boyer	R						
Crawford	Charter Oak	R	X	X				
Crawford	Deloit	U	X	X				
Crawford	Denison	U	X	X	X	X	X	X
Crawford	Dow City	R	X	X			X	X
Crawford	Kiron	R	X	X			X	X
Crawford	Manilla	R	X	X			X	X
Crawford	Ricketts	R	X	X				
Crawford	Schleswig	R	X	X				X

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Crawford	Vail	R	X	X			X	X
Crawford	Westside	R	X	X			X	X
Dallas	Adel	U	X	X	X	X	X	X
Dallas	Booneville	R	X	X	X	X	X	X
Dallas	Bouton	R	X	X				
Dallas	Dallas Center	R	X	X	X	X	X	X
Dallas	Dawson	U	X	X				
Dallas	DeSoto	R	X	X	X	X	X	X
Dallas	Dexter	R	X	X	X	X	X	X
Dallas	Gardiner	R	X	X				
Dallas	Granger	R	X	X	X	X	X	X
Dallas	Linden	R	X	X	X	X	X	X
Dallas	Minburn	R	X	X			X	X
Dallas	Perry	U	X	X	X	X	X	X
Dallas	Redfield	R	X	X	X	X	X	X
Dallas	Van Meter	R	X	X	X	X	X	X
Dallas	Waukee	U	X	X	X	X	X	X
Dallas	Wiscotta	R	X	X				
Dallas	Woodward	R	X	X	X	X	X	X
Davis	Bloomfield	U	X	X	X	X	X	X
Davis	Drakesville	R	X	X				
Davis	Floris	R	X	X				
Davis	Mark	R	X	X				
Davis	Pulaski	R	X	X				
Davis	Troy	R	X	X				
Davis	West Grove	R	X	X				
Decatur	Davis City	R	X	X			X	X
Decatur	Decatur	R			X	X		
Decatur	Garden Grove	R	X	X			X	X
Decatur	Grand River	R	X	X				
Decatur	Lamoni	R	X	X	X	X	X	X
Decatur	Leon	R	X	X	X	X	X	X

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Decatur	Pleasanton	R	X	X				
Decatur	Van Wert	R	X	X			X	X
Decatur	Weldon	R	X	X				
Decatur	Woodland	R						
Delaware	Colesburg	R	X	X			X	X
Delaware	Delaware	R	X	X				
Delaware	Delhi	R	X	X			X	X
Delaware	Dundee	R	X	X				
Delaware	Earlville	R	X	X				
Delaware	Edgewood	R	X	X	X	X	X	X
Delaware	Greeley	R	X	X			X	X
Delaware	Hopkinton	R	X	X				
Delaware	Manchester	U	X	X	X	X	X	X
Delaware	Masonville	U	X	X			X	X
Delaware	Oneida	U						
Delaware	Robinson	R	X	X				
Delaware	Ryan	R	X	X				
Delaware	Sand Springs	U	X	X				
Delaware	Thorpe	U	X	X				
Delaware	Petersburg	R	X	X				
Des Moines	Burlington	U	X	X	X	X	X	X
Des Moines	Danville	R	X	X	X	X	X	X
Des Moines	Dodgeville	R	X	X				
Des Moines	Huron	R	X	X				
Des Moines	Kingston	R	X	X				
Des Moines	Kossuth	R	X	X				
Des Moines	Mediapolis	R	X	X			X	X
Des Moines	Middletown	U	X	X	X	X	X	X
Des Moines	Sperry	R	X	X			X	X
Des Moines	West Burlington	U	X	X	X	X	X	X
Dickinson	Arnolds Park	R	X	X	X	X	X	X
Dickinson	Lake Park	R	X	X	X	X	X	X

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Dickinson	Milford	R	X	X	X	X	X	X
Dickinson	Montgomery	U					X	X
Dickinson	Okoboji	R	X	X	X	X	X	X
Dickinson	Orleans	U			X	X	X	X
Dickinson	Spirit Lake	U	X	X	X	X	X	X
Dickinson	Superior	R	X	X			X	X
Dickinson	Terril	R	X	X			X	X
Dickinson	Triboji Beach	U					X	X
Dickinson	Wahpeton	R		X	X	X	X	X
Dickinson	West Okoboji	R			X	X	X	X
Dubuque	Asbury	R			X	X		
Dubuque	Bankston	R	X	X				
Dubuque	Bernard	R	X	X			X	X
Dubuque	Center Grove	U						
Dubuque	Centralia	U						
Dubuque	Dubuque	U	X	X	X	X	X	X
Dubuque	Durango	U					X	X
Dubuque	Epworth	R	X	X	X	X	X	X
Dubuque	Farley	R	X	X	X	X	X	X
Dubuque	Holy Cross	R	X	X			X	X
Dubuque	Keywest	U						
Dubuque	Luxemburg	R	X	X				
Dubuque	New Vienna	R	X	X			X	X
Dubuque	Peosta	U	X	X	X	X	X	X
Dubuque	Peru	R	X	X			X	X
Dubuque	Sageville	U			X	X		
Dubuque	Sherrill	U					X	X
Dubuque	Worthington	R	X	X			X	X
Dubuque/Delaware(63)	Dyersville	U	X	X	X	X	X	X
Dubuque/Jackson(10)	Zwingle	U	X	X			X	X
Dubuque/Jones	Cascade	R	X	X			X	X
Emmet	Armstrong	R	X	X			X	X

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Emmet	Dolliver	R	X	X			X	X
Emmet	Estherville	U	X	X	X	X	X	X
Emmet	Gruver	U					X	X
Emmet	Maple Hill	U					X	X
Emmet	Ringsted	R	X	X			X	X
Emmet	Wallingford	R	X	X			X	X
Fayette	Alpha	R	X	X				
Fayette	Arlington	R	X	X			X	X
Fayette	Clermont	R	X	X			X	X
Fayette	Donnan	R	X	X				
Fayette	Eldorado	R						
Fayette	Elgin	R	X	X	X	X	X	X
Fayette	Fayette	R	X	X	X	X	X	X
Fayette	Hawkeye	R	X	X			X	X
Fayette	Maynard	R	X	X	X	X	X	X
Fayette	Oelwein	U	X	X	X	X	X	X
Fayette	Oran	R	X	X				
Fayette	Randalia	R	X	X			X	X
Fayette	Saint Lucas	R	X	X				
Fayette	Wadena	R	X	X			X	X
Fayette	Waucoma	R	X	X			X	X
Fayette	West Union	R	X	X	X	X	X	X
Fayette	Westgate	R	X	X			X	X
Floyd	Aureola	R	X	X				
Floyd	Charles City	U	X	X	X	X	X	X
Floyd	Colwell	U						
Floyd	Floyd	R	X	X	X	X	X	X
Floyd	Jerico	U	X	X				
Floyd	Marble Rock	R	X	X	X	X	X	X
Floyd	Nora Springs	R	X	X	X	X	X	X
Floyd	Rockford	R	X	X	X	X	X	X
Floyd	Rudd	R	X	X	X	X	X	X

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Franklin	Alexander	R	X	X			X	X
Franklin	Chapin	R	X	X				
Franklin	Coulter	R	X	X				
Franklin	Faulkner	R						
Franklin	Geneva	U	X	X			X	X
Franklin	Hampton	U	X	X	X	X	X	X
Franklin	Hansell	U					X	X
Franklin	Latimer	R	X	X			X	X
Franklin	Popejoy	R	X	X				
Franklin	Sheffield	R	X	X	X	X	X	X
Fremont	Bartlett	R	X	X				
Fremont	Farragut	R	X	X			X	X
Fremont	Hamburg	R	X	X			X	X
Fremont	Imogene	R	X	X			X	X
Fremont	Percival	R	X	X			X	X
Fremont	Randolph	R	X	X			X	X
Fremont	Riverton	R	X	X				
Fremont	Sidney	R	X	X			X	X
Fremont	Thurman	R	X	X				
Fremont/Mills(99)	Tabor	R	X	X			X	X
Greene	Churdan	R	X	X			X	X
Greene	Cooper	U	X	X				
Greene	Dana	R	X	X				
Greene	Grand Junction	R	X	X			X	X
Greene	Jefferson	U	X	X			X	X
Greene	Paton	R	X	X				
Greene	Rippey	R	X	X			X	X
Greene	Scranton	R	X	X			X	X
Grundy	Beaman	R	X	X	X	X	X	X
Grundy	Conrad	R	X	X	X	X	X	X
Grundy	Dike	R	X	X	X	X	X	X
Grundy	Grundy Center	U	X	X	X	X	X	X

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Grundy	Holland	U	X	X			X	X
Grundy	Morrison	U	X	X				
Grundy	Reinbeck	R	X	X	X	X	X	X
Grundy	Stout	R					X	X
Grundy	Wellsburg	R	X	X				
Guthrie	Bagley	R	X	X	X	X	X	X
Guthrie	Bayard	R	X	X			X	X
Guthrie	Casey	R	X	X			X	X
Guthrie	Guthrie Center	R	X	X	X	X	X	X
Guthrie	Jamaica	R	X	X	X	X	X	X
Guthrie	Lake Panarama	R	X	X			X	X
Guthrie	Menlo	R	X	X			X	X
Guthrie	Panora	R	X	X			X	X
Guthrie	Yale	R	X	X	X	X	X	X
Guthrie/Adair(530)	Stuart	R	X	X	X	X	X	X
Hamilton	Blairsburg	R	X	X			X	X
Hamilton	Ellsworth	R	X	X			X	X
Hamilton	Jewell	R	X	X	X	X	X	X
Hamilton	Kamrar	R	X	X			X	X
Hamilton	Randall	R	X	X	X	X		
Hamilton	Stanhope	R	X	X				
Hamilton	Stratford	R	X	X			X	X
Hamilton	Webster City	U	X	X	X	X	X	X
Hamilton	Williams	R	X	X			X	X
Hancock	Britt	R	X	X	X	X	X	X
Hancock	Corwith	R	X	X			X	X
Hancock	Crystal Lake	R	X	X				
Hancock	Duncan	R			X	X		
Hancock	Garner	U	X	X	X	X	X	X
Hancock	Goodell	R	X	X				
Hancock	Hayfield	U						
Hancock	Hutchins	R						

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Hancock	Kanawha	R	X	X			X	X
Hancock	Klemme	R	X	X			X	X
Hancock	Miller	R	X	X				
Hancock	Woden	R	X	X				
Hardin	Alden	R	X	X			X	X
Hardin	Buckeye	R	X	X				
Hardin	Cleves	R						
Hardin	Eldora	U	X	X	X	X	X	X
Hardin	Garden City	R	X	X				
Hardin	Gifford	U	X	X				
Hardin	Hubbard	R	X	X			X	X
Hardin	Iowa Falls	U	X	X	X	X	X	X
Hardin	Lawn Hill	R	X	X				
Hardin	New Providence	R	X	X				
Hardin	Owasa	U						
Hardin	Radcliffe	R	X	X			X	X
Hardin	Steamboat Rock	R	X	X			X	X
Hardin	Union	R	X	X			X	X
Hardin	Whitten	R	X	X				
Hardin/Franklin(61)	Ackley	R	X	X	X	X	X	X
Harrison	Dunlap	R	X	X			X	X
Harrison	Little Sioux	R	X	X			X	X
Harrison	Logan	R	X	X	X	X	X	X
Harrison	Magnolia	R	X	X	X	X		
Harrison	Missouri Valley	U	X	X	X	X	X	X
Harrison	Modale	R	X	X			X	X
Harrison	Mondamin	R	X	X			X	X
Harrison	Persia	R	X	X	X	X	X	X
Harrison	Pisgah	R	X	X			X	X
Harrison	Woodbine	R	X	X	X	X	X	X
Henry	Hillsboro	R	X	X			X	X
Henry	Lowell	R	X	X			X	X

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Henry	Mount Pleasant	U	X	X	X	X	X	X
Henry	Mount Union	R	X	X			X	X
Henry	New London	R	X	X	X	X	X	X
Henry	Olds	R	X	X			X	X
Henry	Rome	U	X	X				
Henry	Salem	R	X	X			X	X
Henry	Swedesburg	R					X	X
Henry	Trenton	R	X	X				
Henry	Wayland	R	X	X			X	X
Henry	Westwood	U	X	X	X	X		
Henry	Winfield	R	X	X			X	X
Henry	Yarmouth	R					X	X
Henry/Washington(12)/Jefferson(5)	Coppock	R	X	X				
Howard	Chester	R	X	X				
Howard	Cresco	U	X	X	X	X	X	X
Howard	Elma	R	X	X	X	X	X	X
Howard	Florenceville	R	X	X				
Howard	Kendallville	R	X	X				
Howard	Lime Springs	R	X	X	X	X	X	X
Howard	Lourdes	R	X	X				
Howard	Protivin	R	X	X				
Howard	Schley	R	X	X				
Howard	Vernon Springs	R	X	X				
Humboldt	Bode	R	X	X	X	X	X	X
Humboldt	Bradgate	R	X	X			X	X
Humboldt	Dakota City	U	X	X	X	X	X	X
Humboldt	Hardy	R	X	X			X	X
Humboldt	Humboldt	U	X	X	X	X	X	X
Humboldt	Irvington	R					X	X
Humboldt	Livermore	R	X	X	X	X	X	X
Humboldt	Ottosen	R					X	X
Humboldt	Pioneer	R					X	X

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Humboldt	Renwick	R	X	X			X	X
Humboldt	Rutland	U					X	X
Humboldt	Thor	R	X	X			X	X
Humboldt/Pocahontis(222)	Gilmore City	R	X	X			X	X
Ida	Arthur	R	X	X			X	X
Ida	Battle Creek	R	X	X			X	X
Ida	Galva	R	X	X			X	X
Ida	Holstein	R	X	X	X	X	X	X
Ida	Ida Grove	R	X	X	X	X	X	X
Iowa	Amana	R	X	X	X	X		
Iowa	Conroy	R	X	X				
Iowa	Genoa Bluff	U	X	X				
Iowa	High Amana	R	X	X				
Iowa	Homestead	R	X	X	X	X		
Iowa	Koszta	R						
Iowa	Ladora	R	X	X				
Iowa	Marengo	U	X	X	X	X	X	X
Iowa	Middle Amana	R	X	X	X	X		
Iowa	Millersburg	R	X	X				
Iowa	Parnell	U	X	X			X	X
Iowa	South Amana	R	X	X	X	X		
Iowa	West Amana	R	X	X				
Iowa	Williamsburg	U	X	X	X	X	X	X
Iowa/Keokuk(11)	North English	R	X	X	X	X	X	X
Iowa/Poweshiek(127)	Victor	R	X	X			X	X
Jackson	Andrew	R	X	X				
Jackson	Baldwin	R	X	X			X	X
Jackson	Bellevue	R	X	X			X	X
Jackson	Canton	U						
Jackson	Emeline	U						
Jackson	Fulton	U						
Jackson	Hurstville	U						

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Jackson	La Motte	R	X	X			X	X
Jackson	Maquoketa	U	X	X	X	X	X	X
Jackson	Miles	R			X	X	X	X
Jackson	Monmouth	R	X	X			X	X
Jackson	Nashville	R						
Jackson	Otter Creek	R	X	X				
Jackson	Preston	R	X	X	X	X	X	X
Jackson	Sabula	R	X	X	X	X	X	X
Jackson	Saint Donatus	U	X	X			X	X
Jackson	Spragueville	R	X	X			X	X
Jackson	Springbrook	R	X	X			X	X
Jasper	Baxter	R	X	X			X	X
Jasper	Colfax	R	X	X	X	X	X	X
Jasper	Galesburg	R						
Jasper	Ira	R						
Jasper	Kellogg	R	X	X			X	X
Jasper	Killduff	R	X	X				
Jasper	Lamb's Grove	U	X	X	X	X		
Jasper	Lynnville	R	X	X	X	X	X	X
Jasper	Mingo	R	X	X			X	X
Jasper	Monroe	R	X	X	X	X	X	X
Jasper	Newburg	U	X	X				
Jasper	Newton	U	X	X	X	X	X	X
Jasper	Oakland Acres	U	X	X				
Jasper	Prairie City	R	X	X	X	X	X	X
Jasper	Reasnor	R	X	X			X	X
Jasper	Sully	R	X	X	X	X		
Jasper	Valeria	R						
Jefferson	Abingdon	R						
Jefferson	Batavia	R	X	X			X	X
Jefferson	Beckwith	U	X	X				
Jefferson	Fairfield	U	X	X	X	X	X	X

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County Name	Community Name	Pop. Code	xDSL		Cable-Modem		Wireless/Satellite	
			Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008	Access as of June 2007	Access as of June 2008
Jefferson	Four Corners	R	X	X				
Jefferson	Germanville	R	X	X				
Jefferson	Libertyville	R	X	X			X	X
Jefferson	Limby	R	X	X				
Jefferson	Lockridge	R	X	X			X	X
Jefferson	Packwood	R	X	X				
Jefferson	Perlee	U	X	X				
Jefferson	Pleasant Plain	R	X	X				
Johnson	Carl	R						
Johnson	Coralville	U	X	X	X	X	X	X
Johnson	Cosgrove	R	X	X				
Johnson	Frytown	R	X	X				
Johnson	Hills	R	X	X	X	X		
Johnson	Iowa City	U	X	X	X	X	X	X
Johnson	Lone Tree	R	X	X	X	X	X	X
Johnson	North Liberty	U	X	X	X	X	X	X
Johnson	Oasis	R	X	X				
Johnson	Oxford	R	X	X	X	X	X	X
Johnson	River Junction	R	X	X				
Johnson	Shueyville	R	X	X	X	X		
Johnson	Solon	R	X	X	X	X	X	X
Johnson	Swisher	R	X	X	X	X	X	X
Johnson	Tiffin	R	X	X	X	X	X	X
Johnson	University Heights	U			X	X		
Johnson	Windham	R	X	X				
Jones	Amber	U						
Jones	Anamosa	U	X	X	X	X	X	X
Jones	Center Junction	R	X	X				
Jones	Fairview	U		X				
Jones	Hale	R	X	X				
Jones	Langworthy	U						
Jones	Martelle	R	X	X			X	X

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Jones	Monticello	U	X	X	X	X	X	X
Jones	Morley	R	X	X			X	X
Jones	Olin	R	X	X				
Jones	Onslow	R	X	X	X	X		
Jones	Oxford Junction	R	X	X	X	X		
Jones	Oxford Mills	R	X	X				
Jones	Scotch Grove	U	X	X			X	X
Jones	Wyoming	R	X	X	X	X	X	X
Keokuk	Coal Creek	R	X	X				
Keokuk	Delta	R	X	X				
Keokuk	Gibson	R	X	X			X	X
Keokuk	Harper	R	X	X			X	X
Keokuk	Hayesville	R	X	X				
Keokuk	Hedrick	R	X	X			X	X
Keokuk	Keota	R	X	X	X	X	X	X
Keokuk	Keswick	R	X	X			X	X
Keokuk	Kinross	R	X	X				
Keokuk	Lancaster	R	X	X				
Keokuk	Martinsburg	R	X	X				
Keokuk	Ollie	R	X	X			X	X
Keokuk	Pekin	R	X	X				
Keokuk	Richland	R	X	X			X	X
Keokuk	Sigourney	R	X	X	X	X	X	X
Keokuk	South English	R	X	X				
Keokuk	Tallyrand	R	X	X				
Keokuk	Thornburg	R	X	X				
Keokuk	Webster	R	X	X				
Keokuk	What Cheer	R	X	X	X	X	X	X
Kossuth	Algona	U	X	X	X	X	X	X
Kossuth	Bancroft	R	X	X	X	X	X	X
Kossuth	Burt	R	X	X	X	X	X	X
Kossuth	Fenton	R	X	X			X	X

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Kossuth	Lakota	R	X	X			X	X
Kossuth	Ledyard	R	X	X			X	X
Kossuth	Lone Rock	R	X	X			X	X
Kossuth	Lotts Creek	R	X	X			X	X
Kossuth	Saint Benedict	R					X	X
Kossuth	Saint Joseph	R					X	X
Kossuth	Stevens	R	X	X			X	X
Kossuth	Swea City	R	X	X	X	X	X	X
Kossuth	Titonka	R	X	X			X	X
Kossuth	Wesley	R	X	X			X	X
Kossuth	Whittemore	R	X	X			X	X
Kossuth/Humboldt(54)	LuVerne	R	X	X			X	X
Lee	Argyle	R	X	X			X	X
Lee	Croton	R	X	X				
Lee	Denmark	R	X	X				
Lee	Donnellson	R	X	X			X	X
Lee	Fort Madison	U	X	X	X	X	X	X
Lee	Franklin	R	X	X				
Lee	Galland	R	X	X				
Lee	Houghton	R	X	X				
Lee	Keokuk	U	X	X	X	X	X	X
Lee	Montrose	R	X	X	X	X	X	X
Lee	Pilot Grove	R					X	X
Lee	Primrose	R	X	X				
Lee	Saint Paul	R	X	X			X	X
Lee	West Point	R	X	X	X	X	X	X
Lee	Wever	U	X	X			X	X
Linn	Alburnett	R	X	X			X	X
Linn	Cedar Rapids	U	X	X	X	X	X	X
Linn	Center Point	R	X	X			X	X
Linn	Central City	R	X	X			X	X
Linn	Coggon	R	X	X			X	X

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Linn	Ely	R	X	X			X	X
Linn	Fairfax	R	X	X	X	X	X	X
Linn	Hiawatha	U	X	X	X	X	X	X
Linn	Lisbon	R	X	X	X	X	X	X
Linn	Marion	U	X	X	X	X	X	X
Linn	Mount Vernon	U	X	X	X	X	X	X
Linn	Palo	R	X	X	X	X	X	X
Linn	Paris	R	X	X				
Linn	Paris (Bunch)	R						
Linn	Prairieburg	R	X	X			X	X
Linn	Robins	U	X	X	X	X	X	X
Linn	Springville	R	X	X			X	X
Linn	Toddville	U	X	X	X	X	X	X
Linn	Troy Mills	R	X	X				
Linn	Viola	R	X	X				
Linn	Walker	R	X	X			X	X
Linn	Waubeek	R	X	X				
Linn	Western	R	X	X				
Linn	Whitter	R	X	X				
Louisa	Columbus City	R	X	X	X	X		
Louisa	Columbus Junction	R	X	X	X	X	X	X
Louisa	Cotter	R	X	X				
Louisa	Fredonia	R	X	X	X	X		
Louisa	Gladwin	R	X	X				
Louisa	Grandview	R	X	X			X	X
Louisa	Letts	R	X	X			X	X
Louisa	Morning Sun	R	X	X	X	X	X	X
Louisa	Oakville	R	X	X			X	X
Louisa	Wapello	R	X	X	X	X	X	X
Louisa	Wyman	R	X	X				
Lucas	Chariton	U	X	X	X	X	X	X
Lucas	Derby	R	X	X			X	X

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Lucas	Lucas	R	X	X	X	X	X	X
Lucas	Norwood	R	X	X				
Lucas	Oakley	R						
Lucas	Russell	R	X	X			X	X
Lucas	Williamson	R	X	X				
Lyon	Alvord	R	X	X				X
Lyon	Doon	R	X	X	X	X	X	X
Lyon	George	R	X	X	X	X	X	X
Lyon	Inwood	R	X	X			X	X
Lyon	Larchwood	R	X	X				
Lyon	Lester	R	X	X				
Lyon	Little Rock	R	X	X			X	X
Lyon	Rock Rapids	U	X	X			X	X
Madison	Earlham	R	X	X	X	X	X	X
Madison	Macksburg	R	X	X			X	X
Madison	Patterson	U	X	X				
Madison	Saint Charles	R	X	X			X	X
Madison	Truro	R	X	X				
Madison	Winterset	U	X	X	X	X	X	X
Madison/Warren(22)	Bevington	U	X	X				
Mahaska	Barnes City	R			X	X	X	X
Mahaska	Beacon	U			X	X		
Mahaska	Cedar	R					X	X
Mahaska	Fremont	R	X	X			X	X
Mahaska	Indianapolis	R	X	X				
Mahaska	Keomah Village	U						
Mahaska	Lacey	R						
Mahaska	Leighton	R	X	X			X	X
Mahaska	New Sharon	R	X	X	X	X	X	X
Mahaska	Oskaloosa	U	X	X	X	X	X	X
Mahaska	Peoria	R	X	X				
Mahaska	Rose Hill	R	X	X			X	X

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Mahaska	Taintor	R	X	X				
Mahaska	Union Mills	R	X	X				
Mahaska	University Park	U	X	X	X	X	X	X
Marion	Attica	R	X	X				
Marion	Bussey	R	X	X	X	X	X	X
Marion	Columbia	R						
Marion	Dallas	R			X	X	X	X
Marion	Hamilton	R	X	X	X	X	X	X
Marion	Hancock	R	X	X			X	X
Marion	Harvey	U	X	X			X	X
Marion	Knoxville	U	X	X	X	X	X	X
Marion	Marysville	R	X	X				
Marion	Melcher	R	X	X	X	X		
Marion	Otley	R	X	X			X	X
Marion	Park Hills	R	X	X				
Marion	Pella	U	X	X	X	X	X	X
Marion	Pershing	R	X	X				
Marion	Pleasantville	R	X	X	X	X	X	X
Marion	Swan	R	X	X			X	X
Marion	Tracy	R	X	X	X	X	X	X
Marshall	Albion	R	X	X			X	X
Marshall	Clemons	R	X	X			X	X
Marshall	Ferguson	R	X	X				
Marshall	Gilman	R	X	X			X	X
Marshall	Green Mountain	R	X	X	X	X		
Marshall	Haverhill	R	X	X				
Marshall	Laurel	R	X	X			X	X
Marshall	LeGrand	R	X	X	X	X		
Marshall	Liscomb	R	X	X				
Marshall	Marshalltown	U	X	X	X	X	X	X
Marshall	Melbourne	R	X	X			X	X
Marshall	Rhodes	R	X	X			X	X

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Marshall	Saint Anthony	R	X	X			X	X
Marshall	State Center	R	X	X			X	X
Marshall	Van Cleve	R	X	X				
Mills	Emerson	R	X	X			X	X
Mills	Glenwood	U	X	X	X	X	X	X
Mills	Hastings	R					X	X
Mills	Henderson	R	X	X			X	X
Mills	Malvern	R	X	X			X	X
Mills	Mineola	U	X	X			X	X
Mills	Pacific Junction	R	X	X			X	X
Mills	Silver City	U	X	X			X	X
Mitchell	Carpenter	R	X	X				
Mitchell	LeRoy, MN (Bailey, IA)	R	X	X				
Mitchell	Little Cedar	R	X	X	X	X		
Mitchell	McIntire	R	X	X	X	X		
Mitchell	Meyer	R						
Mitchell	Mitchell	U						
Mitchell	New Haven	R	X	X				
Mitchell	Orchard	U	X	X			X	X
Mitchell	Osage	U	X	X	X	X	X	X
Mitchell	Otranto	R	X	X				
Mitchell	Saint Ansgar	R	X	X	X	X	X	X
Mitchell	Stacyville	R	X	X	X	X		
Mitchell	Toeterville	R						
Mitchell/Howard(326)	Riceville	R	X	X	X	X	X	X
Monona	Blencoe	R	X	X				X
Monona	Castana	R	X	X				
Monona	Mapleton	R	X	X	X	X	X	X
Monona	Moorhead	R			X	X		X
Monona	Onawa	U	X	X	X	X	X	X
Monona	Rodney	R	X	X				
Monona	Soldier	R			X	X		X

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Monona	Turin	R	X	X				X
Monona	Ute	R	X	X				X
Monona	Whiting	R	X	X	X	X		X
Monroe	Albia	U	X	X	X	X	X	X
Monroe	Avery	U	X	X				
Monroe	Georgetown	U	X	X				
Monroe	Hiteman	R	X	X				
Monroe	Lovilia	R	X	X	X	X		
Monroe	Melrose	R	X	X			X	X
Monroe	Weller	R	X	X				
Montgomery	Elliot	R	X	X			X	X
Montgomery	Grant	R	X	X				
Montgomery	Red Oak	U	X	X	X	X	X	X
Montgomery	Stanton	R	X	X			X	X
Montgomery	Villisca	R	X	X	X	X	X	X
Muscatine	Atalissa	R	X	X	X	X	X	X
Muscatine	Conesville	R	X	X			X	X
Muscatine	Cranston	R	X	X				
Muscatine	Fruitland	U	X	X	X	X	X	X
Muscatine	Montpelier	U						
Muscatine	Moscow	R	X	X			X	X
Muscatine	Muscatine	U	X	X	X	X	X	X
Muscatine	Nichols	R	X	X			X	X
Muscatine	Stockton	U	X	X	X	X	X	X
Muscatine	West Liberty	U	X	X	X	X	X	X
Muscatine	Wilton	U	X	X	X	X	X	X
O'Brien	Archer	R	X	X			X	X
O'Brien	Calumet	R	X	X			X	X
O'Brien	Gaza	R	X	X			X	X
O'Brien	Germantown	R	X	X			X	X
O'Brien	Hartley	R	X	X	X	X	X	X
O'Brien	Moneta	R	X	X			X	X

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O'Brien	Paullina	R	X	X	X	X	X	X
O'Brien	Primghar	R	X	X	X	X	X	X
O'Brien	Sanborn	R	X	X	X	X	X	X
O'Brien	Sutherland	R	X	X			X	X
O'Brien/Sioux(97)	Sheldon	U	X	X			X	X
Osceola	Allendorf	U						X
Osceola	Ashton	R	X	X	X	X	X	X
Osceola	Cloverdale	U					X	X
Osceola	Harris	R	X	X	X	X	X	X
Osceola	May City	R	X	X			X	X
Osceola	Melvin	R	X	X			X	X
Osceola	Ocheyedan	R	X	X			X	X
Osceola	Sibley	R	X	X	X	X	X	X
Page	Blanchard	R	X	X			X	X
Page	Braddyville	R	X	X				
Page	Clarinda	U	X	X	X	X	X	X
Page	Coin	R	X	X			X	X
Page	College Springs	R	X	X			X	X
Page	Essex	R	X	X	X	X	X	X
Page	Hepburn	U	X	X				
Page	Northboro	R	X	X				
Page	Shambaugh	R	X	X				
Page	Shenandoah	U	X	X	X	X	X	X
Page	Yorktown	U	X	X				
Palo Alto	Ayrshire	R	X	X			X	X
Palo Alto	Curlew	R	X	X			X	X
Palo Alto	Cylinder	R	X	X			X	X
Palo Alto	Emmetsburg	U	X	X	X	X	X	X
Palo Alto	Graettinger	R	X	X			X	X
Palo Alto	Mallard	R	X	X			X	X
Palo Alto	Osgood	U	X	X				
Palo Alto	Rodman	R					X	X

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Palo Alto	Ruthven	R	X	X			X	X
Palo Alto	West Bend	R	X	X			X	X
Plymouth	Akron	R	X	X	X	X	X	X
Plymouth	Brunsville	R	X	X			X	X
Plymouth	Craig	R	X	X			X	X
Plymouth	Hinton	R	X	X			X	X
Plymouth	James	U					X	X
Plymouth	Kingsley	R	X	X			X	X
Plymouth	LeMars	U	X	X	X	X	X	X
Plymouth	Merrill	R	X	X	X	X	X	X
Plymouth	Oyens	U	X	X	X	X	X	X
Plymouth	Remsen	R	X	X	X	X	X	X
Plymouth	Struble	R	X	X			X	X
Plymouth	Westfield	R					X	X
Pocahontas	Fonda	R	X	X			X	X
Pocahontas	Havelock	R	X	X			X	X
Pocahontas	Laurens	R	X	X	X	X	X	X
Pocahontas	Palmer	R	X	X			X	X
Pocahontas	Plover	R	X	X			X	X
Pocahontas	Pocahontas	R	X	X	X	X	X	X
Pocahontas	Rolfe	R	X	X			X	X
Pocahontas	Varina	R	X	X			X	X
Pocahontas	Ware	R					X	X
Polk	Alleman	R	X	X			X	X
Polk	Altoona	U	X	X	X	X	X	X
Polk	Ankeny	U	X	X	X	X	X	X
Polk	Avon	U					X	X
Polk	Berwick	R	X	X	X	X	X	X
Polk	Bondurant	U	X	X	X	X	X	X
Polk	Des Moines	U	X	X	X	X	X	X
Polk	Elkhart	R	X	X			X	X
Polk	Enterprise	R						

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Polk	Farrar	R	X	X				
Polk	Grimes	U	X	X	X	X	X	X
Polk	Johnston	U	X	X	X	X	X	X
Polk	Mitchellville	U	X	X	X	X	X	X
Polk	Pleasant Hill	U	X	X	X	X		
Polk	Polk City	R	X	X	X	X	X	X
Polk	Rising Sun	U						
Polk	Runnells	R	X	X	X	X	X	X
Polk	Saylorville	U						
Polk	White Oak	R	X	X				
Polk	Windsor Heights	U	X	X	X	X		
Polk/Dallas(107)	Urbandale	U	X	X	X	X	X	X
Polk/Dallas(44)	Clive	U	X	X	X	X	X	X
Polk/Dallas(523)	West Des Moines	U	X	X	X	X	X	X
Pottawattamie	Avoca	R	X	X	X	X	X	X
Pottawattamie	Carson	R	X	X			X	X
Pottawattamie	Carter Lake	U	X	X	X	X	X	X
Pottawattamie	Council Bluffs	U	X	X	X	X	X	X
Pottawattamie	Crescent	R	X	X	X	X	X	X
Pottawattamie	Honey Creek	R	X	X			X	X
Pottawattamie	Macedonia	R	X	X			X	X
Pottawattamie	Manawa	U						
Pottawattamie	McClelland	R	X	X			X	X
Pottawattamie	Minden	R	X	X			X	X
Pottawattamie	Neola	R	X	X	X	X	X	X
Pottawattamie	Oakland	R	X	X			X	X
Pottawattamie	Treynor	R	X	X			X	X
Pottawattamie	Underwood	R	X	X	X	X	X	X
Pottawattamie	Walnut	R	X	X			X	X
Poweshiek	Brooklyn	R	X	X			X	X
Poweshiek	Deep River	R	X	X				
Poweshiek	Ewart	R	X	X				

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Poweshiek	Grinnell	U	X	X	X	X	X	X
Poweshiek	Guernsey	R	X	X			X	X
Poweshiek	Hartwick	R	X	X			X	X
Poweshiek	Malcom	R	X	X			X	X
Poweshiek	Montezuma	R	X	X			X	X
Poweshiek	Searsboro	R	X	X			X	X
Ringgold	Beaconsfield	R	X	X				
Ringgold	Benton	R	X	X				
Ringgold	Delphos	R	X	X				
Ringgold	Diagonal	R	X	X			X	X
Ringgold	Ellston	R	X	X			X	X
Ringgold	Kellerton	R	X	X	X	X	X	X
Ringgold	Maloy	R	X	X				
Ringgold	Mount Ayr	R	X	X	X	X	X	X
Ringgold	Redding	R	X	X				
Ringgold	Tingley	R	X	X				
Sac	Auburn	R	X	X			X	X
Sac	Carnarvon	R					X	X
Sac	Early	R	X	X			X	X
Sac	Grant City	R	X	X			X	X
Sac	Lake View	R	X	X			X	X
Sac	Nemaha	R	X	X			X	X
Sac	Odebolt	R	X	X			X	X
Sac	Sac City	R	X	X	X	X	X	X
Sac	Schaller	R	X	X			X	X
Sac	Wall Lake	R	X	X			X	X
Sac/Calhoun(39)	Lytton	R	X	X			X	X
Scott	Bettendorf	U	X	X	X	X	X	X
Scott	Big Rock	R			X	X		
Scott	Blue Grass	U	X	X	X	X	X	X
Scott	Buffalo	U	X	X	X	X	X	X
Scott	Davenport	U	X	X	X	X	X	X

SIXTH ASSESSMENT OF IOWA COMMUNITIES ACCESSING HIGH-SPEED INTERNET TECHNOLOGIES

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Scott	Dixon	R	X	X	X	X	X	X
Scott	Donahue	R	X	X	X	X	X	X
Scott	Eldridge	U	X	X	X	X	X	X
Scott	LeClaire	U	X	X	X	X	X	X
Scott	Long Grove	U	X	X	X	X	X	X
Scott	Maysville	U						
Scott	McCausland	R	X	X	X	X	X	X
Scott	Mount Joy	U			X	X		
Scott	New Liberty	U			X	X	X	X
Scott	Panorama Park	U			X	X		
Scott	Parkview	R			X	X	X	X
Scott	Plainview	R						
Scott	Pleasant Valley	U	X	X	X	X	X	X
Scott	Princeton	U	X	X	X	X	X	X
Scott	Riverdale	U			X	X	X	X
Scott	Walcott	R	X	X	X	X	X	X
Shelby	Botna	R	X	X				
Shelby	Defiance	R	X	X				
Shelby	Earling	R	X	X			X	X
Shelby	Elk Horn	R	X	X			X	X
Shelby	Harlan	U	X	X	X	X	X	X
Shelby	Irwin	R	X	X				
Shelby	Jacksonville	R	X	X				
Shelby	Kirkman	R	X	X				
Shelby	Panama	R	X	X	X	X		
Shelby	Portsmouth	R	X	X			X	X
Shelby	Tennant	R	X	X				
Shelby	Westphalia	R	X	X				
Shelby/Pottawatomie(69)	Shelby	R	X	X			X	X
Sioux	Alton	R	X	X	X	X	X	X
Sioux	Boyden	R	X	X	X	X	X	X
Sioux	Carmel	U					X	X

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Sioux	Chatsworth	R					X	X
Sioux	East Hudson	R	X	X			X	X
Sioux	Granville	R	X	X			X	X
Sioux	Hawarden	R	X	X			X	X
Sioux	Hospers	R	X	X			X	X
Sioux	Hull	R	X	X	X	X	X	X
Sioux	Ireton	R	X	X	X	X	X	X
Sioux	Matlock	R	X	X			X	X
Sioux	Maurice	R	X	X	X	X	X	X
Sioux	Middleburg	U					X	X
Sioux	Newkirk	R					X	X
Sioux	Orange City	U	X	X	X	X	X	X
Sioux	Perkins	R					X	X
Sioux	Rock Valley	U	X	X	X	X	X	X
Sioux	Sioux Center	U	X	X	X	X	X	X
State of Minnesota	Bricelyn, MN	R	X	X				
State of Minnesota	Hesper (S. Mabel)	R	X	X				
State of Minnesota	Hills, MN	R	X	X				
State of Minnesota	Lyle, MN (Mona, IA)	R	X	X				
State of Minnesota	South Steen (MN)	R	X	X				
State of South Dakota	South Valley Springs	R	X	X				
Story	Ames	U	X	X	X	X	X	X
Story	Cambridge	R	X	X			X	X
Story	Collins	R	X	X			X	X
Story	Colo	R	X	X			X	X
Story	Fernald	U	X	X				
Story	Gilbert	U	X	X			X	X
Story	Huxley	R	X	X	X	X	X	X
Story	Iowa Center	R	X	X				
Story	Kelley	R	X	X			X	X
Story	Maxwell	R	X	X			X	X
Story	McCallsburg	R	X	X			X	X

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Story	Nevada	U	X	X	X	X	X	X
Story	Roland	R	X	X			X	X
Story	Shipley	U						
Story	Slater	R	X	X	X	X	X	X
Story	Story City	U	X	X	X	X	X	X
Story	Zearing	R	X	X			X	X
Story/Polk/Boone	Sheldahl	R	X	X	X	X	X	X
Tama	Buckingham	R						
Tama	Chelsea	R	X	X				
Tama	Clutier	R	X	X			X	X
Tama	Dinsdale	R	X	X				
Tama	Dysart	R	X	X	X	X	X	X
Tama	Elberon	R	X	X				
Tama	Garwin	R	X	X	X	X	X	X
Tama	Gladbrook	R	X	X	X	X	X	X
Tama	Haven	R						
Tama	Irving	R						
Tama	Lincoln	R	X	X				
Tama	Montour	R	X	X			X	X
Tama	Tama	U	X	X	X	X	X	X
Tama	Toledo	U	X	X	X	X	X	X
Tama	Traer	R	X	X	X	X	X	X
Tama	Vining	R	X	X				
Taylor	Athelstan	R	X	X				
Taylor	Bedford	R	X	X	X	X		
Taylor	Blockton	R	X	X				
Taylor	Conway	R	X	X				
Taylor	Gravity	R	X	X				
Taylor	Guss	R						
Taylor	Lenox	R	X	X			X	X
Taylor	New Market	R	X	X				
Taylor	Sharpsburg	R	X	X				

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Taylor/Ringgold(9)	Clearfield	R	X	X			X	X
Union	Afton	R	X	X			X	X
Union	Arispe	R	X	X				
Union	Creston	U	X	X	X	X	X	X
Union	Cromwell	U	X	X			X	X
Union	Kent	R	X	X				
Union	Lorimor	R	X	X			X	X
Union	Shannon City	R	X	X			X	X
Union	Thayer	R	X	X			X	X
Van Buren	Bentonsport	R	X	X				
Van Buren	Birmingham	R	X	X			X	X
Van Buren	Bonaparte	R	X	X			X	X
Van Buren	Cantril	R	X	X				
Van Buren	Douds	R	X	X			X	X
Van Buren	Farmington	R	X	X			X	X
Van Buren	Keosauqua	R	X	X			X	X
Van Buren	Leando	R	X	X				
Van Buren	Milton	R	X	X			X	X
Van Buren	Mount Sterling	R	X	X				
Van Buren	Selma	R						
Van Buren	Stockport	R	X	X				
Wapello	Agency	R	X	X	X	X	X	X
Wapello	Bladensburg	R	X	X				
Wapello	Blakesburg	R	X	X			X	X
Wapello	Chillicothe	R	X	X				
Wapello	Eldon	R	X	X	X	X	X	X
Wapello	Farson	R	X	X				
Wapello	Kirkville	R	X	X				
Wapello	Ottumwa	U	X	X	X	X	X	X
Wapello	Toolesboro	R	X	X				
Wapello/Mahaska(201)/Monroe(2)	Eddyville	R	X	X	X	X	X	X
Warren	Ackworth	U	X	X	X	X	X	X

Availability of high-speed Internet access in a community DOES NOT mean that the technology is available to ALL customers in that community.

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Warren	Beech	R	X	X				
Warren	Churchville	U						
Warren	Cumming	U	X	X	X	X	X	X
Warren	Hartford	U	X	X	X	X	X	X
Warren	Indianola	U	X	X	X	X	X	X
Warren	Lacona	R	X	X			X	X
Warren	Lakewood	U						
Warren	Liberty Center	R	X	X				
Warren	Martensdale	R	X	X			X	X
Warren	Milo	R	X	X			X	X
Warren	New Virginia	R	X	X			X	X
Warren	Norwalk	U	X	X	X	X	X	X
Warren	Palmyra	U						
Warren	Prole	U	X	X			X	X
Warren	Saint Marys	R	X	X				
Warren	Sandyville	U						
Warren	Spring Hill	U						
Warren/Polk(168)	Carlisle	U	X	X	X	X	X	X
Washington	Ainsworth	R	X	X			X	X
Washington	Brighton	R	X	X			X	X
Washington	Crawfordsville	R	X	X			X	X
Washington	Daytonville	R	X	X				
Washington	Haskins	R	X	X				
Washington	JoeTown	R	X	X				
Washington	Kalona	R	X	X	X	X	X	X
Washington	Riverside	R	X	X	X	X	X	X
Washington	Rubio	R	X	X				
Washington	Washington	U	X	X	X	X	X	X
Washington	Wellman	R	X	X	X	X		
Washington	West Chester	R	X	X				
Wayne	Allerton	R	X	X			X	X
Wayne	Bethlehem	R						

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Wayne	Cambria	R	X	X				
Wayne	Clio	R						
Wayne	Corydon	R	X	X	X	X	X	X
Wayne	Humeston	R	X	X			X	X
Wayne	Lineville	R	X	X				
Wayne	Millerton	R	X	X			X	X
Wayne	Promise City	R	X	X				
Wayne	Seymour	R	X	X				
Webster	Badger	R	X	X			X	X
Webster	Barnum	R	X	X	X	X	X	X
Webster	Callender	R	X	X			X	X
Webster	Clare	R	X	X	X	X	X	X
Webster	Coalville	R	X	X			X	X
Webster	Dayton	R	X	X			X	X
Webster	Duncombe	R	X	X			X	X
Webster	Fort Dodge	U	X	X	X	X	X	X
Webster	Gowrie	R	X	X			X	X
Webster	Harcourt	R	X	X			X	X
Webster	Lanyon	R	X	X			X	X
Webster	Lehigh	R	X	X			X	X
Webster	Moorland	R	X	X	X	X	X	X
Webster	Otho	R	X	X	X	X	X	X
Webster	Vincent	R	X	X			X	X
Winnebago	Buffalo Center	R	X	X	X	X	X	X
Winnebago	Lake Mills	R	X	X			X	X
Winnebago	Leland	R	X	X	X	X		
Winnebago	Rake	R	X	X				
Winnebago	Scarville	R	X	X				
Winnebago	Thompson	R	X	X				
Winnebago/Hancock(421)	Forest City	U	X	X	X	X	X	X
Winneshiek	Burr Oak	R	X	X				
Winneshiek	Calmar	R	X	X	X	X	X	X

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Winneshiek	Castalia	R	X	X			X	X
Winneshiek	Decorah	U	X	X	X	X	X	X
Winneshiek	Fort Atkinson	R	X	X	X	X	X	X
Winneshiek	Frankville	R						
Winneshiek	Highlandville	R	X	X				
Winneshiek	Jackson Junction	R	X	X				
Winneshiek	Ossian	R	X	X	X	X	X	X
Winneshiek	Ridgeway	R	X	X			X	X
Winneshiek	South Harmony	R	X	X				
Winneshiek	Spillville	R	X	X	X	X		
Winneshiek	Freeport	U						
Woodbury	Anthon	R	X	X	X	X	X	X
Woodbury	Bronson	R	X	X			X	X
Woodbury	Climbing Hill	R	X	X			X	X
Woodbury	Correctionville	R	X	X	X	X	X	X
Woodbury	Cushing	R	X	X			X	X
Woodbury	Danbury	R	X	X	X	X	X	X
Woodbury	Hornick	R	X	X			X	X
Woodbury	Lawton	R	X	X			X	X
Woodbury	Luton	R					X	X
Woodbury	Moville	R	X	X			X	X
Woodbury	Oto	R	X	X			X	X
Woodbury	Pierson	R	X	X			X	X
Woodbury	Salix	R			X	X	X	X
Woodbury	Sergeant Bluff	U			X	X	X	X
Woodbury	Sioux City	U	X	X	X	X	X	X
Woodbury	Sloan	R			X	X	X	X
Woodbury	Smithland	R	X	X			X	X
Worth	Fertile	R	X	X			X	X
Worth	Grafton	R	X	X				
Worth	Hanlontown	R	X	X				
Worth	Joice	R	X	X				

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Worth	Kensett	R	X	X	X	X	X	X
Worth	Manly	R	X	X	X	X	X	X
Worth	Northwood	R	X	X	X	X	X	X
Worth	South Emmons	R	X	X				
Wright	Belmond	U	X	X	X	X	X	X
Wright	Clarion	U	X	X	X	X	X	X
Wright	Cornelia	U						
Wright	Eagle Grove	U	X	X	X	X	X	X
Wright	Galt	U	X	X				
Wright	Goldfield	R	X	X			X	X
Wright	Holmes	U	X	X				
Wright	Rowan	R	X	X			X	X
Wright	Tara	R						
Wright	Woolstock	R	X	X				
Wright/Franklin(93)	Dows	R	X	X			X	X