



**BROADBAND AVAILABILITY  
WITHIN  
EAST MICHIGAN COUNCIL OF GOVERNMENTS**

**Prepared by:  
East Michigan Council of Governments  
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One of the Region’s infrastructure assets is broadband services. Economic development, energy efficiency, and advances in education and health care all rely on broadband infrastructure and the means to leverage that infrastructure.

The National Telecommunications and Information Administration (NTIA), within the Department of Commerce, is the Executive Branch agency that is principally responsible by law for advising the President on telecommunications and information policy issues. In 2009 the NTIA launched a State Broadband Initiative to implement the joint purposes of the Recovery Act and the Broadband Data Improvement Act which envisioned *“a comprehensive program, led by state entities or non-profit organizations working at their direction, to facilitate the integration of broadband and information technology into state and local economies.”*

NTIA has awarded a total of \$293 million to 56 grantees (the 50 states; 5 territories; District of Columbia). The Michigan recipient is Connected Nation (Michigan), which received a total of \$4,755,684 for state data and development.

The 56 recipients are to use this funding to *“support the efficient and creative use of broadband technology to better compete in the digital economy.”* The efforts vary state by state depending on local needs. However all recipients include programs to assist small businesses and community institutions in using technology more effectively, research to investigate barriers to broadband adoption, innovative applications that increase access to government services and information, and state and local task forces to expand broadband access and adoption.

In order to gather accurate data which is critical for broadband planning, the State Broadband Initiative (SBI) program assists states in gathering data twice per year on the availability, speed and location of broadband services and the types of broadband services that community institutions use.

This following tables represent an update to the August, 2011 EMCOG report which was based on April, 2010 data, to include a compilation of data collected as of December 31, 2010 for each of the 14 counties within EMCOG. This update is based on data provided by approximately 85.5% of the Michigan service providers (106 participants out of a total of 124 providers). Approximately half of the 106 participants supplied updates to their network or coverage areas. The remaining 50% either reported no changes or did not respond to a request for a six month data update. For those who did not respond, the older data set (April, 2010) was used.

Table 1 shows the percentage of the population of each county that has access to the general categories of technology collected through the SBI State Broadband Data and Development (SBDD) program. These technologies include DSL, fiber, cable and wireless. “Broadband Over Power Line” is included in the “Other” column. The yellow highlighting indicates the type of technology available to the largest population segment nationwide, statewide and for each of the 14 counties.

**Table 1: Broadband Technology  
Percent of Population With Access**

<b>Location</b>	<b>DSL</b>	<b>Fiber</b>	<b>Cable</b>	<b>Wireless</b>	<b>Other</b>
Nation	88.0%	15.0%	85.2%	97.6%	0.3%
State	87.3%	1.5%	89.1%	98.9%	0.0%
<b>EMCOG Region</b>					
<b>Region 7-B</b>					
Arenac	63.8%	0.0%	50.3%	92.3%	0.0%
Clare	52.8%	0.0%	65.0%	92.4%	0.0%
Gladwin	46.7%	0.0%	35.4%	97.4%	0.0%
Iosco	74.1%	0.0%	68.4%	92.4%	0.0%
Ogemaw	47.8%	0.0%	56.3%	89.2%	0.0%
Roscommon	82.4%	0.0%	94.0%	99.5%	0.0%
<b>Thumb Area</b>					
Huron	59.3%	0.0%	60.4%	96.8%	0.0%
Sanilac	49.4%	0.0%	0.0%	95.0%	0.0%
Tuscola	69.4%	0.0%	47.0%	97.7%	0.0%
<b>Urban/Rural</b>					
Bay	91.2%	0.0%	93.9%	98.9%	0.0%
Gratiot	64.0%	18.4%	61.8%	100.0%	0.0%
Isabella	80.0%	37.4%	76.8%	98.5%	0.0%
Midland	85.5%	0.0%	91.1%	99.8%	0.0%
<b>Urban</b>					
Saginaw	90.3%	0.0%	93.5%	100.0%	0.0%

Source: Compiled by EMCOG from National Broadband MAP ([www.broadbandmap.gov](http://www.broadbandmap.gov))

What stands out in Table 1 is the high percentage of the population within the region that has access to wireless technology. The least access is in Ogemaw County (89.2% of the population) while both Gratiot and Saginaw counties have the highest access at 100%. Over 46% or more of the population within each of the 14 counties has access to DSL (digital subscriber line). This access ranges from 47% in Gladwin County to over 91% in Bay County. Access to both cable and DSL technology varies widely from county to county. Fiber technology is only available in Gratiot and Isabella Counties.

In addition to having access to broadband services, the speed of the service is an important measure of the quality and usefulness of the service for various applications. Table 2 shows the speed available to the population of each county (shown as a percentage of population).

The speed is shown for three measurements:

1. Unreported;
2. Greater than or equal to 0.768 mbps (megabyte per second) downstream and 0.2 mbps upstream; and
3. Greater than or equal to 3 mbps downstream and to 0.768 mbps upstream

Each county's ranking within Michigan regarding the percentage of population with access to the faster speed of *greater than or equal to 3 mbps downstream and 0.768 upstream* is shown in the final column of Table 2. The yellow highlighting indicates the speed available to the largest population segment nationwide, statewide, and for each of the 14 counties.

**Table 2: Broadband Speed Available to Population**

<b>Jurisdiction</b>	<b>Unreported</b>	<b>Download &gt; 0.768 Mbps Upload &gt; 0.2 Mbps</b>	<b>Download &gt; 3 Mbps Upload &gt; 0.768 Mbps</b>	<b>Rank w/I Mi. Counties &gt; 3 Mbps Upload &gt; 0.768 Mbps</b>
Nation	0.0%	98.9%	97.1%	
State	0.0%	99.7%	99.1%	
EMCOG Region				
<b>Region 7-B</b>				
Arenac	0.0%	98.4%	97.8%	49
Clare	0.0%	98.0%	97.9%	47
Gladwin	0.0%	97.7%	96.3%	62
Iosco	0.0%	98.4%	97.0%	58
Ogemaw	0.0%	94.2%	93.8%	68
Roscommon	0.0%	99.5%	99.5%	33
<b>Thumb Area</b>				
Huron	0.0%	99.2%	72.1%	81
Sanilac	0.0%	96.5%	62.7%	83
Tuscola	0.0%	99.0%	72.1%	82
<b>Urban/Rural</b>				
Bay	0.0%	100.0%	100.0%	16
Gratiot	0.0%	100.0%	100.0%	13
Isabella	0.0%	99.0%	98.9%	39
Midland	0.0%	100.0%	100.0%	18
<b>Urban</b>				
Saginaw	0.0%	100.0%	100.0%	7

Source: Compiled by EMCOG from National Broadband MAP ([www.broadbandmap.gov](http://www.broadbandmap.gov))

Table 2 shows a fairly consistent availability of the two speeds among the 14 counties with the exception of the 3 counties in the Thumb Area in which the higher speed is only available to

63% to 72% of the population. The statewide rankings for broadband speed (on the right side of Table 2) show that Huron, Tuscola, and Sanilac counties rank 81<sup>st</sup>, 82<sup>nd</sup>, and 83<sup>rd</sup> out of the 83 counties. Saginaw County ranks the highest at 7<sup>th</sup> place in the State, followed by Gratiot County at 13<sup>th</sup> place and Bay County at 16<sup>th</sup> place. Overall, less than half (43%) of the 14 counties are above the mean ranking within Michigan.

Another indicator of accessibility to broadband is the number of choices of service providers to pick from. Table 3 shows the percentage of population that has access to from zero up to 8 or more providers of **wireless** service. For example, 0.1% of the statewide population does not have access to wireless service providers while nearly 3% has access to 8 or more service providers. Approximately 56% of the statewide population has access to a maximum of 4 wireless service providers. The yellow highlighting indicates the maximum number of wireless service provider choices for the largest population segment nationwide, statewide and for each of the 14 counties.

**Table 3: Number of Wireless Providers Accessible to Percent of Population**

Jurisdiction	0	1	2	3	4	5	6	7	8+
Nation	1.0%	3.5%	6.9%	10.9%	23.4%	24.8%	17.2%	6.0%	6.4%
State	0.1%	2.8%	7.7%	15.6%	55.8%	8.2%	4.9%	2.0%	2.9%
EMCOG Region									
<b>Region 7-B</b>									
Arenac	0.2%	10.6%	21.9%	65.5%	1.8%	0.0%	0.0%	0.0%	0.0%
Clare	1.8%	17.5%	43.6%	20.8%	11.3%	5.0%	0.0%	0.0%	0.0%
Gladwin	0.0%	0.8%	38.2%	44.4%	14.1%	2.6%	0.0%	0.0%	0.0%
Iosco	0.5%	39.8%	33.6%	26.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Ogemaw	0.9%	38.0%	51.0%	10.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Roscommon	0.0%	12.2%	28.1%	48.4%	11.4%	0.0%	0.0%	0.0%	0.0%
<b>Thumb Area</b>									
Huron	0.0%	0.1%	3.6%	41.0%	55.4%	0.0%	0.0%	0.0%	0.0%
Sanilac	0.0%	0.2%	10.8%	31.9%	29.3%	11.4%	7.9%	4.8%	3.9%
Tuscola	0.0%	0.0%	0.2%	7.5%	45.7%	40.8%	5.8%	0.0%	0.0%
<b>Urban/Rural</b>									
Bay	0.0%	0.0%	0.8%	6.7%	14.5%	76.5%	1.5%	0.0%	0.0%
Gratiot	0.0%	0.0%	0.2%	3.5%	39.1%	36.0%	17.2%	4.0%	0.0%
Isabella	0.0%	0.0%	0.4%	1.2%	4.8%	8.8%	68.5%	16.2%	0.0%
Midland	0.0%	0.0%	2.4%	10.1%	78.9%	6.2%	2.4%	0.0%	0.0%
<b>Urban</b>									
Saginaw	0.0%	0.0%	0.3%	7.4%	9.3%	20.7%	62.3%	0.1%	0.0%

Source: Compiled by EMCOG from National Broadband MAP ([www.broadbandmap.gov](http://www.broadbandmap.gov))

Based on the data reported by providers (see Table 5 for a list of service providers) Ogemaw County has the least number of choices for wireless service providers with 89% of the

population having access to only one or two providers. In Isabella and Saginaw Counties 68.5% and 62.3% of the population respectively has access to 6 wireless service providers. A small percentage of the population in Sanilac County (3.9%) has access to 8 or more wireless service providers.

Table 4 shows the same type of information as Table 3 but for **wireline** providers. The number of wireline providers that counties have access to is less than wireless providers. Most counties have access to 3 or less providers with up to 50% of Sanilac County’s population having no access. The yellow highlighting indicates the maximum number of wireline service provider choices for the largest population segment nationwide, statewide and for each of the 14 counties.

**Table 4: Number of Wireline Providers Accessible to Percent of Population**

<b>Jurisdiction</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8+</b>
Nation	4.1%	11.6%	44.4%	27.6%	9.3%	2.3%	0.5%	0.1%	0.1%
State	5.1%	10.2%	25.1%	21.0%	32.3%	6.2%	0.0%	0.0%	0.0%
<b>EMCOG Region</b>									
<b>Region 7-B</b>									
Arenac	23.2%	31.8%	24.2%	20.8%	0.0%	0.0%	0.0%	0.0%	0.0%
Clare	29.2%	18.8%	7.4%	44.6%	0.0%	0.0%	0.0%	0.0%	0.0%
Gladwin	47.1%	14.4%	7.0%	30.8%	0.7%	0.0%	0.0%	0.0%	0.0%
Iosco	7.4%	38.5%	12.8%	41.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Ogemaw	23.6%	33.7%	19.7%	4.6%	18.5%	0.0%	0.0%	0.0%	0.0%
Roscommon	2.5%	12.3%	59.3%	25.4%	0.4%	0.0%	0.0%	0.0%	0.0%
<b>Thumb Area</b>									
Huron	24.3%	26.1%	22.9%	25.7%	1.0%	0.0%	0.0%	0.0%	0.0%
Sanilac	50.1%	17.3%	32.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tuscola	22.9%	27.1%	34.1%	15.8%	2.0%	0.0%	0.0%	0.0%	0.0%
<b>Urban/Rural</b>									
Bay	1.7%	10.9%	24.4%	27.2%	35.8%	0.0%	0.0%	0.0%	0.0%
Gratiot	28.8%	16.3%	36.3%	18.6%	0.0%	0.0%	0.0%	0.0%	0.0%
Isabella	11.4%	13.3%	34.9%	40.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Midland	6.5%	6.5%	47.3%	39.8%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Urban</b>									
Saginaw	1.8%	11.8%	17.6%	22.6%	22.9%	23.4%	0.0%	0.0%	0.0%

Source: Compiled by EMCOG from National Broadband MAP ([www.broadbandmap.gov](http://www.broadbandmap.gov))

Table 5 is a list of companies that are service providers within the State of Michigan for which data was collected by the state with assistance from the State Broadband Initiative. The service providers are organized based on whether or not they provided information to Connect Michigan. Table 5 includes each company name and website link.

Connect Michigan has created a website, [www.connectmi.org](http://www.connectmi.org) which, in addition to creating awareness about this program initiative, provides a way for the general public to participate in the process. It does this by offering interactive tools for users to test their connection speed, submit broadband inquiries, or contact a representative.

Data collection efforts will continue over the next couple of years allowing for updates, such as this one, to this information.

Availability and speed are two factors in defining accessibility and quality of broadband within our Region. Another factor which impacts the accessibility is the overall cost to gain access to broadband quality sufficient for various applications and needs. Cost information is not included in this report. However a visit to the providers' websites, as provided in Table 5, is a start in obtaining cost information for a specific provider in a specific area.

**Table 5: Broadband Companies Operating In Michigan**

Filing Company DBA	URL
<b>Companys That Provided Data</b>	
ACD.net	<a href="http://www.acd.net/">http://www.acd.net/</a>
Ace Communications Group	<a href="http://www.acegroup.cc/">http://www.acegroup.cc/</a>
Agri-Valley Services	<a href="http://www.avci.net/">http://www.avci.net/</a>
Air Advantage	<a href="http://www.airadvantage.net/">http://www.airadvantage.net/</a>
Allband Communications Cooperative	<a href="http://www.allband.org/">http://www.allband.org/</a>
AT&T Corp, Inc.	<a href="http://www.att.com/">http://www.att.com/</a>
AT&T Michigan	<a href="http://www.att.com/">http://www.att.com/</a>
AT&T Mobility LLC	<a href="http://www.wireless.att.com/">http://www.wireless.att.com/</a>
Azulstar, Inc.	<a href="http://www.azulstar.com/">http://www.azulstar.com/</a>
Barry County Telephone Company	<a href="http://www.barryarea.com/">http://www.barryarea.com/</a>
BigTube Wireless	<a href="http://www.bigtube.net/">http://www.bigtube.net/</a>
Blanchard Telephone Company	<a href="http://www.blanchardtel.com/">http://www.blanchardtel.com/</a>
Bloomington Communications, Inc.	<a href="http://www.bloomingtoncom.net/">http://www.bloomingtoncom.net/</a>
Boardman River Communications, LLC	<a href="http://www.brconline.net/">http://www.brconline.net/</a>
Brighthouse Networks	<a href="http://brighthouse.com/">http://brighthouse.com/</a>
Broadstripe	<a href="http://www.broadstripe.com/broadband.php">http://www.broadstripe.com/broadband.php</a> <a href="http://www.buckeyecablesystem.com/express/index.html">http://www.buckeyecablesystem.com/express/index.html</a>
Buckeye CableSystem	
Cable America	<a href="http://www.cableamerica.com/">http://www.cableamerica.com/</a>
Carr Telephone Company	<a href="http://home.carrinter.net/internet/">http://home.carrinter.net/internet/</a>
Casair, Inc.	<a href="http://www.casair.net/">http://www.casair.net/</a>
Cavalier Telephone	<a href="http://www.cavtel.com/internet/">http://www.cavtel.com/internet/</a>
CenturyLink	<a href="http://www.centurylink.com/">http://www.centurylink.com/</a> <a href="http://www.colicom.com/ResWirelessPrices.aspx">http://www.colicom.com/ResWirelessPrices.aspx</a>
Chain of Lakes Internet	
Chapin Telephone Company	n/a
Charter Communications, Inc.	<a href="http://www.charter.com/Visitors/Home.aspx">http://www.charter.com/Visitors/Home.aspx</a> <a href="http://www.cherrycapitalconnection.com/products.htm">http://www.cherrycapitalconnection.com/products.htm</a>
Cherry Capital Connection, LLC	
City of Norway	<a href="http://newsite.norwaymi.gov/?cableTV">http://newsite.norwaymi.gov/?cableTV</a>
Clear	<a href="http://www.clear.com/">http://www.clear.com/</a>
CMSInter.net	<a href="http://www.cmsinter.net/?page_id=113">http://www.cmsinter.net/?page_id=113</a>
Cogent Communications	<a href="http://www.cogentco.com/">http://www.cogentco.com/</a> <a href="http://www.coldwater.org/Content/Internet.htm">http://www.coldwater.org/Content/Internet.htm</a>
Coldwater Board of Public Utilities	
Comcast	<a href="http://www.comcast.com/">http://www.comcast.com/</a>
Covad Communications Company	<a href="http://www.covad.com/">http://www.covad.com/</a>
Cricket Communications, Inc.	<a href="http://www.mycricket.com/broadband">http://www.mycricket.com/broadband</a> <a href="http://www.csinet.net/Wireless/Plans-Home.php">http://www.csinet.net/Wireless/Plans-Home.php</a>
CSInet Internet Access Corp.	
CTS Telecom	<a href="http://www.ctstelecom.com/">http://www.ctstelecom.com/</a>
D&P Cable	<a href="http://www.d-pcommunications.com/">http://www.d-pcommunications.com/</a>
Daystar Communications, LLC	<a href="http://www.michonline.net/index.php">http://www.michonline.net/index.php</a>
DISH Network Corporation	<a href="http://www.dishnetwork.com/">http://www.dishnetwork.com/</a>
DMCI Broadband, LLC	<a href="http://www.dmcibb.net/">http://www.dmcibb.net/</a>

**Table 5: Broadband Companies Operating In Michigan**

Filing Company DBA	URL
<b>Companies That Provide Data</b>	
Drenthe Telephone Company	<a href="http://www.drenthe.net/">http://www.drenthe.net/</a>
Fourway.Net	<a href="http://www.fourway.net/fourway-broadband.html">http://www.fourway.net/fourway-broadband.html</a>
Endless Journey Internet	<a href="http://www.ejourney.com/">http://www.ejourney.com/</a>
FreedomNet Solutions	<a href="http://www.fnw.us/">http://www.fnw.us/</a>
Frontier Communications of Michigan	<a href="http://www.frontier.com/">http://www.frontier.com/</a>
Frontier Midstates, Inc.	<a href="http://www.frontier.com/">http://www.frontier.com/</a>
Frontier North, Inc.	<a href="http://www.frontier.com/">http://www.frontier.com/</a>
Golden Communications	<a href="http://www.goldcommcable.com/">http://www.goldcommcable.com/</a>
Great Lakes Comnet Inc.	<a href="http://www.glcom.net/">http://www.glcom.net/</a>
Great Lakes Internet, Inc.	<a href="http://www.greatlakes.net/">http://www.greatlakes.net/</a>
Hidden Lake Wireless, Inc.	<a href="http://www.hiddenlakewireless.com/">http://www.hiddenlakewireless.com/</a>
Hughes Network Systems, LLC	<a href="http://www.hughesnet.com">http://www.hughesnet.com</a>
I-2000, Inc.	<a href="http://www.i2kwireless.com/">http://www.i2kwireless.com/</a>
Ideal Wireless, Inc.	<a href="http://www.idealwifi.net/">http://www.idealwifi.net/</a>
Intellifiber Networks, Inc.	<a href="http://www.intellifiber.com/">http://www.intellifiber.com/</a>
Invisalink	<a href="http://invisalink.net/wireless.htm">http://invisalink.net/wireless.htm</a>
Iron River Cable	<a href="http://www.ironriver.tv/">http://www.ironriver.tv/</a>
IronBay.Net	<a href="http://www.ironbay.net/wireless.htm">http://www.ironbay.net/wireless.htm</a>
Iserv	<a href="http://www.iserv.net/">http://www.iserv.net/</a>
ISP Wireless Group, Inc.	<a href="http://interactive.ispmgt.com/pages/Wireless_Internet">http://interactive.ispmgt.com/pages/Wireless_Internet</a>
jamadots	<a href="http://www.jamadots.com/">http://www.jamadots.com/</a>
JAS Networks	<a href="http://www.jasnetworks.net/v4/Residential">http://www.jasnetworks.net/v4/Residential</a>
Kaltelnet	<a href="http://www.kaltelnet.net/dsl.html">http://www.kaltelnet.net/dsl.html</a>
Lennon Telephone Company	<a href="http://www.lentel.com/highspeed/">http://www.lentel.com/highspeed/</a>
Level 3 Communications, LLC	<a href="http://www.level3.com/">http://www.level3.com/</a>
Lighthouse.Net	<a href="http://www.lighthouse.net/highspeed/">http://www.lighthouse.net/highspeed/</a>
LigTel Communications	<a href="http://www2.ligtel.com/">http://www2.ligtel.com/</a>
McLeodUSA Telecommunications Services, Inc.	<a href="http://www.paetec.com/">http://www.paetec.com/</a>
Mercury Network Corporation	<a href="http://www.mercury.net/">http://www.mercury.net/</a>
Merit Network, Inc.	<a href="http://www.merit.edu/">http://www.merit.edu/</a>
Message Express Internet	<a href="http://mei.net/wireless.html">http://mei.net/wireless.html</a>
MetaLINK Technologies, Inc.	<a href="http://www.metalink.net/">http://www.metalink.net/</a>
Michigan Access, Inc.	<a href="http://www.m33access.com">http://www.m33access.com</a>
Michigan Online Group	<a href="http://www.michonline.net/">http://www.michonline.net/</a>
Michwave Technologies, Inc.	<a href="http://michwave.com/main.php">http://michwave.com/main.php</a>
Micom	<a href="http://micomcable.com/">http://micomcable.com/</a>
NCATS	<a href="http://www.ncats.net/">http://www.ncats.net/</a>
Niagara Telephone Company	<a href="http://www.borderland.net/">http://www.borderland.net/</a>
Nodin WIFI	<a href="http://www.nodincomm.com/">http://www.nodincomm.com/</a>
Ogden Telephone Company	<a href="http://www.ogdentel.com/internet/internet.htm">http://www.ogdentel.com/internet/internet.htm</a>
Packerland Broadband	<a href="http://packerlandbroadband.com/">http://packerlandbroadband.com/</a>

**Table 5: Broadband Companies Operating In Michigan**

Filing Company DBA	URL
<b>Companies That Provide Data</b>	
Parish Communications	<a href="http://parishonline.net/">http://parishonline.net/</a>
Pasty.net	<a href="http://www.pasty.net/">http://www.pasty.net/</a>
PFN	<a href="http://www.pfnllc.net/">http://www.pfnllc.net/</a>
Pigeon Telephone Company	<a href="http://www.pigeontelephone.com/index.htm">http://www.pigeontelephone.com/index.htm</a>
RuralReach.Com	<a href="http://www.ruralreach.com/">http://www.ruralreach.com/</a>
Sand Creek Internet/Telephone Company	<a href="http://www.sandcreektelco.com/productsandservices.html#internet">http://www.sandcreektelco.com/productsandservices.html#internet</a>
Sister Lakes Cable	<a href="http://www.sisterlakescable.com/">http://www.sisterlakescable.com/</a>
Speednet	<a href="http://www.speednetllc.com/">http://www.speednetllc.com/</a>
Springcom, Inc.	<a href="http://www3.springcom.com/">http://www3.springcom.com/</a>
Springport Telephone Company	<a href="http://www3.springcom.com/">http://www3.springcom.com/</a>
Sprint	<a href="http://www.sprint.com/index_p.html">http://www.sprint.com/index_p.html</a>
Summit Digital	<a href="http://www.summitdigital.us/company.php">http://www.summitdigital.us/company.php</a>
Sunrise Communications, LLC	<a href="http://www.src-mi.com/">http://www.src-mi.com/</a>
T2 Communications, LLC	<a href="https://www.t2comm.net/net/">https://www.t2comm.net/net/</a>
TC3Net	<a href="http://www.tc3net.com/">http://www.tc3net.com/</a>
TDS Telecom	<a href="http://www.tdstelecom.com/Residential/Internet">http://www.tdstelecom.com/Residential/Internet</a>
Thumb Cellular	<a href="http://www.thumbcellular.com/">http://www.thumbcellular.com/</a>
Time Warner Cable	<a href="http://www.timewarnercable.com/">http://www.timewarnercable.com/</a>
T-Mobile	<a href="http://www.t-mobile.com/">http://www.t-mobile.com/</a>
Tucker Communications, Inc.	<a href="http://www.tucker-usa.com/">http://www.tucker-usa.com/</a>
TVC, Inc.	<a href="http://www.lentel.com/highspeed/">http://www.lentel.com/highspeed/</a>
U.P. Logon	<a href="http://uplogon.com/">http://uplogon.com/</a>
U.S. Cellular	<a href="http://www.uscellular.com/uscellular/">http://www.uscellular.com/uscellular/</a>
up.net	<a href="http://www.baragatelephone.com/">http://www.baragatelephone.com/</a>
upnorthcable.com	<a href="http://upnorthcable.com/internet.html">http://upnorthcable.com/internet.html</a>
Upper Peninsula Telephone Company	<a href="http://www.uptelephone.net/highspeed.php">http://www.uptelephone.net/highspeed.php</a>
US Signal Company, LLC	<a href="http://www.ussignalcom.com/">http://www.ussignalcom.com/</a>
Verizon	<a href="http://www22.verizon.com/">http://www22.verizon.com/</a>
Verizon Wireless	<a href="http://www.verizonwireless.com/">http://www.verizonwireless.com/</a>
Waldron Communication Company	<a href="http://www.waldrontel.com/">http://www.waldrontel.com/</a>
Waldron Telephone Company	<a href="http://www.wcomco.net/internet.html">http://www.wcomco.net/internet.html</a>
West Michigan Wireless ISP	n/a
Westphalia Telephone Company	<a href="http://www.4wbi.net/">http://www.4wbi.net/</a>
Wildblue Communications, Inc.	<a href="http://www.wildblue.com/">http://www.wildblue.com/</a>
Winn Telecom	<a href="http://www.winntel.com/">http://www.winntel.com/</a>
Wyandotte Municipal Services	<a href="http://www.wyan.org/cablerates.htm">http://www.wyan.org/cablerates.htm</a>
XO Communications Services, Inc.	<a href="http://www.ussignalcom.com/">http://www.ussignalcom.com/</a>
Zayo Bandwidth, LLC	<a href="http://www.zayo.com/">http://www.zayo.com/</a>
I-2000, Inc.	<a href="http://www.i2wireless.com/">http://www.i2wireless.com/</a>
Iserv	<a href="http://www.iserv.net/">http://www.iserv.net/</a>

**Table 5: Broadband Companies Operating In Michigan**

Number	Filing Company DBA	URL
<b>Companies That Will Provide Data</b>		
	Arialink Telecom LLC	<a href="http://www.arialink.com/">http://www.arialink.com/</a>
	Banyan OnLine Services, LLC.	<a href="http://www.banyanol.net/">http://www.banyanol.net/</a>
	Boardman River Communications, LLC	<a href="http://www.brconline.net/">http://www.brconline.net/</a>
	Endless Journey Inc.	<a href="http://www.ejourney.com/">http://www.ejourney.com/</a>
	Great Lakes Satellite Group	<a href="http://www.greatlakeshighspeed.com/">http://www.greatlakeshighspeed.com/</a>
	Lewiston Communications	<a href="http://portal.lewistoncomm.com/">http://portal.lewistoncomm.com/</a>
	M55 WiFi Wireless Internet Service	<a href="http://www.m55wifi.net/">http://www.m55wifi.net/</a>
	Microtech Services, Inc.	<a href="http://www.asiwireless.net/">http://www.asiwireless.net/</a>
	Mutual Data Services, Inc.	<a href="http://www.mutualdata.com/">http://www.mutualdata.com/</a>
	Sky Web Network, Inc	<a href="http://skywebonline.com/">http://skywebonline.com/</a>
	SkyWay USA, LLC	<a href="http://www.skywayusa.com/">http://www.skywayusa.com/</a>
	Tri-County Wireless, Inc.	<a href="http://www.tcwireless.us/">http://www.tcwireless.us/</a>
	West Michigan Broadband	<a href="http://www.westmichiganbroadband.com/">http://www.westmichiganbroadband.com/</a>
<b>Non-Responsive to Request for Data:</b>		
	Reliable Internet LLC	<a href="http://reliableinter.net/">http://reliableinter.net/</a>
	Rural Communications	
	Wireless Technology	<a href="http://wirelesstechsolutions.com/">http://wirelesstechsolutions.com/</a>
<b>Will Not Provide Data:</b>		
	Global Crossing Telecommunications, Inc.	<a href="http://www.globalcrossing.com/">http://www.globalcrossing.com/</a>
	M3 Wireless	<a href="http://www.m3isp.com/">http://www.m3isp.com/</a>
	WideOpenWest Michigan LLC	<a href="http://www1.wowway.com/">http://www1.wowway.com/</a>

Source: Compiled by EMCOG from National Broadband MAP ([www.broadbandmap.gov](http://www.broadbandmap.gov))