

Broadband Download Speeds

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CMS Guidance on the Broadband Calculation

Determine Broadband Speed for EHR Incentive Programs Using National Broadband Map - Message (HTML)

File Message Adobe PDF

Ignore X Reply Reply All Forward IM More

Junk Delete

Respond

Quick Steps

MFP, 30%, 2015 To Manager Done Create New

Team E-mail Reply & Delete

Rules OneNote Actions

Assign Policy Mark Unread Categorize Follow Up

Tags

Translate Find Related Select

Editing

Zoom

Zoom

If there are problems with how this message is displayed, click here to view it in a web browser.

From: Centers for Medicare & Medicaid Services <cmslists@subscriptions.cms.hhs.gov>

To: Terry, Randi

Cc:

Subject: Determine Broadband Speed for EHR Incentive Programs Using National Broadband Map

Sent: Mon 8/3/2015 3:35 PM

Use the National Broadband Map to Determine Broadband Speed in Your Area

[The National Broadband Map \(NBM\)](#) is a searchable and interactive tool that allows users to view broadband availability across every neighborhood in the United States.

The NBM is particularly helpful for providers in the EHR Incentive Programs that need to determine their broadband download speed for exclusion criteria. Providers can use the NBM to search, analyze, and map broadband availability in their area to determine if these exclusions apply.

How to use the NBM for the EHR Incentive Programs

1. Using the [Summarize tool](#), select "County" as your geography, choose your corresponding state, and type in the name of your county. Then click the "Summarize" button.
2. The summarize results page will display full details of broadband availability for your county.
3. Scroll down to the section titled "Broadband Speed Test (Mbps)" and click the darker gold bar by the "Home" location for the median broadband speed for housing units in your area (must be below 3Mbps for EHR broadband exclusions to apply).
4. Scroll back to the top of the results page to print or export the broadband data and save it for your records.

Note: Be sure you review the download speed, not the upload speed.

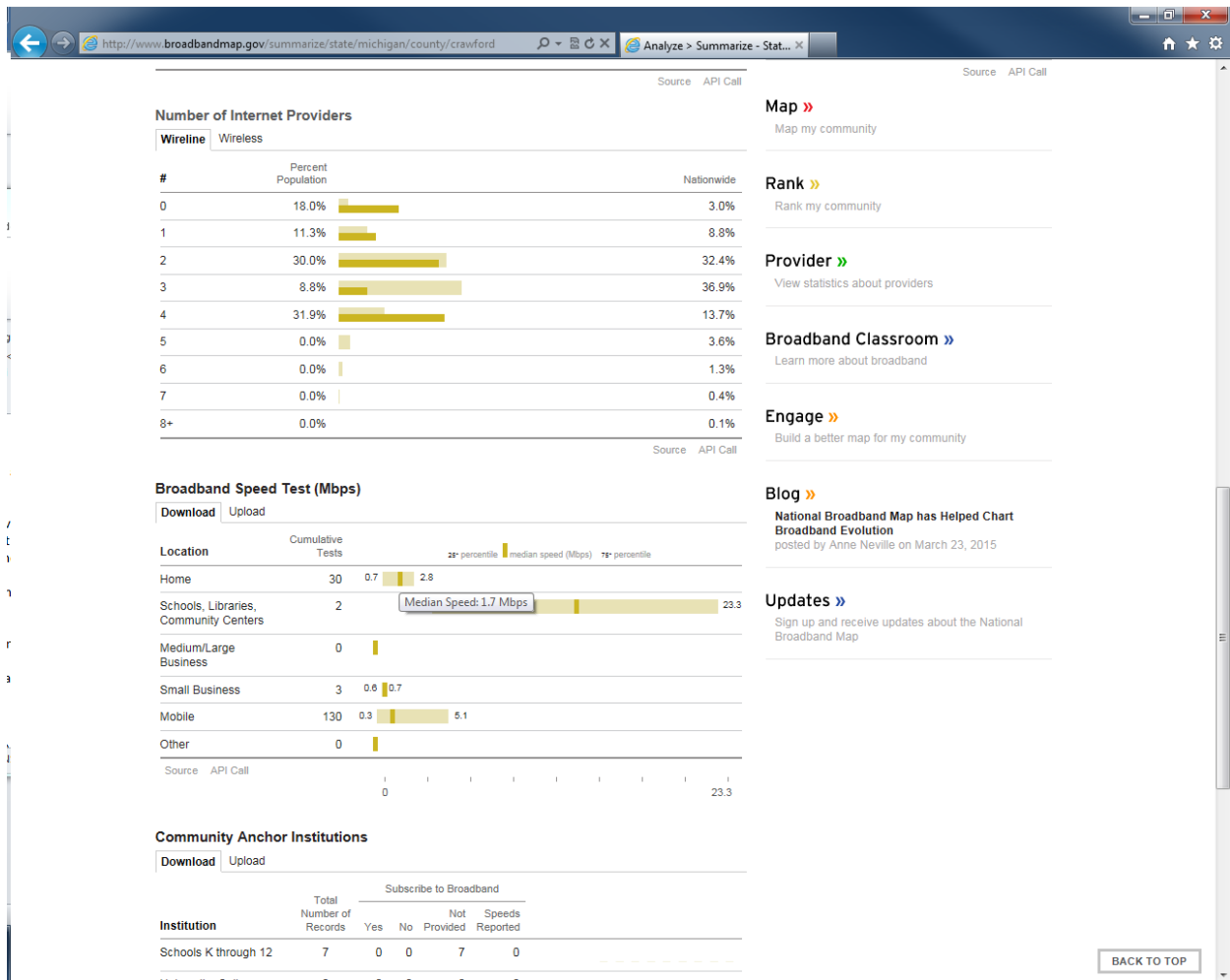
If you have any questions about how to use the data or to tell the National Telecommunications and Information Administration (NTIA) how you are using it, send an email to SBDD@ntia.doc.gov and visit the [NTIA website](#) for more information.

Retention Policy: - MUNSON INBOX NEVER DELETE (68 years, 1 month) Expires: 8/21/2083

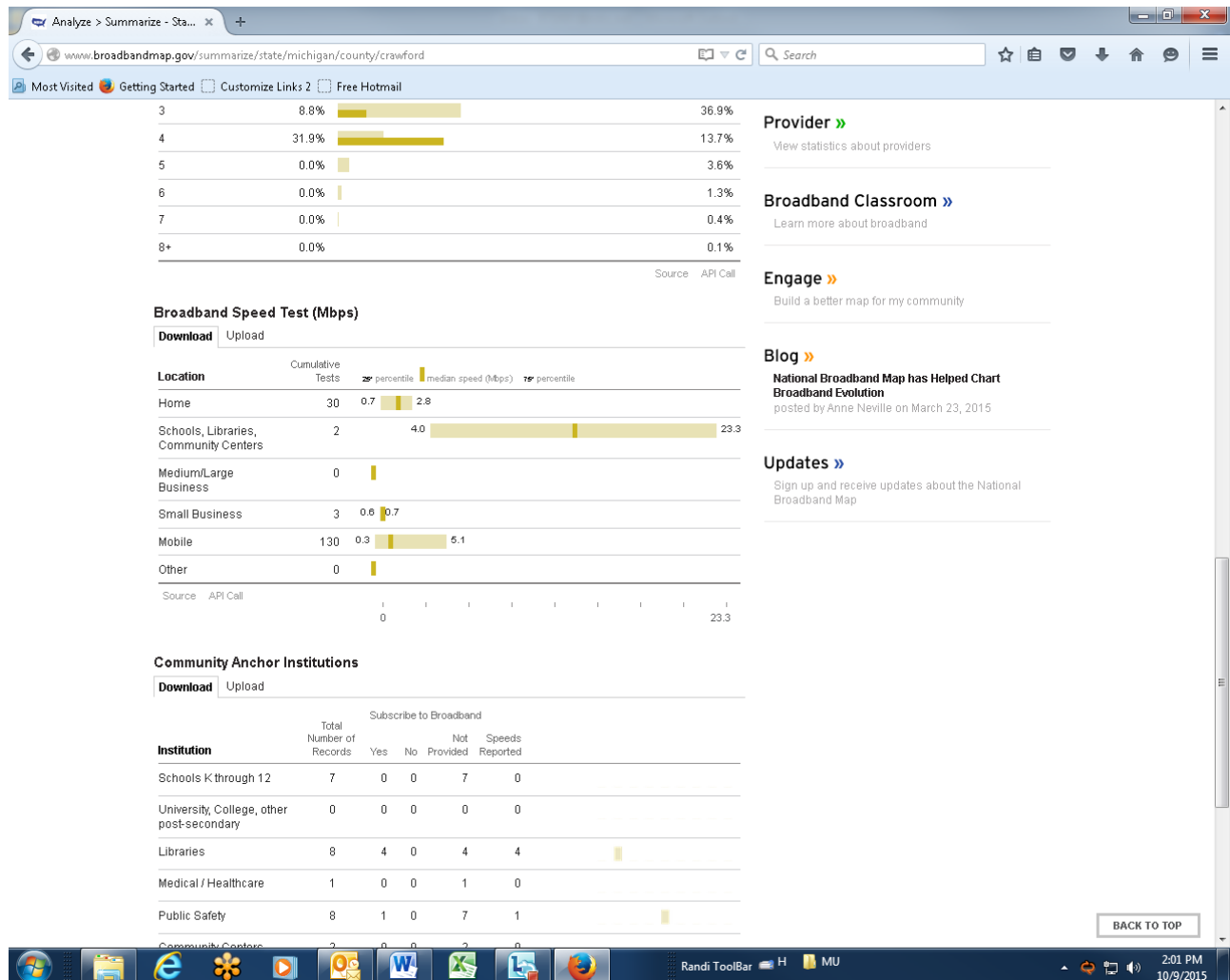
Summary Tool URL

<http://www.broadbandmap.gov/summarize>

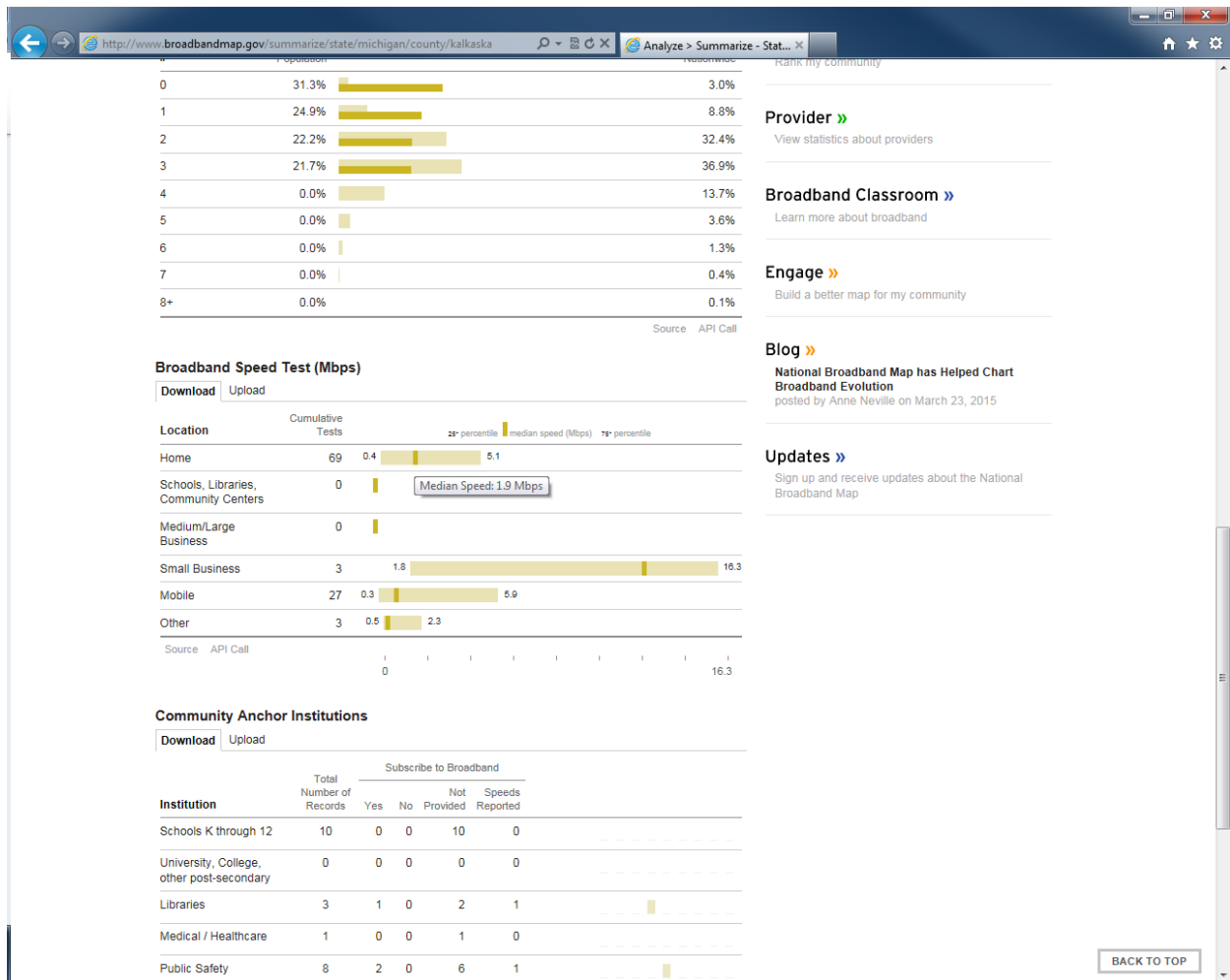
Crawford country, 1.7 MBPS, August 2015



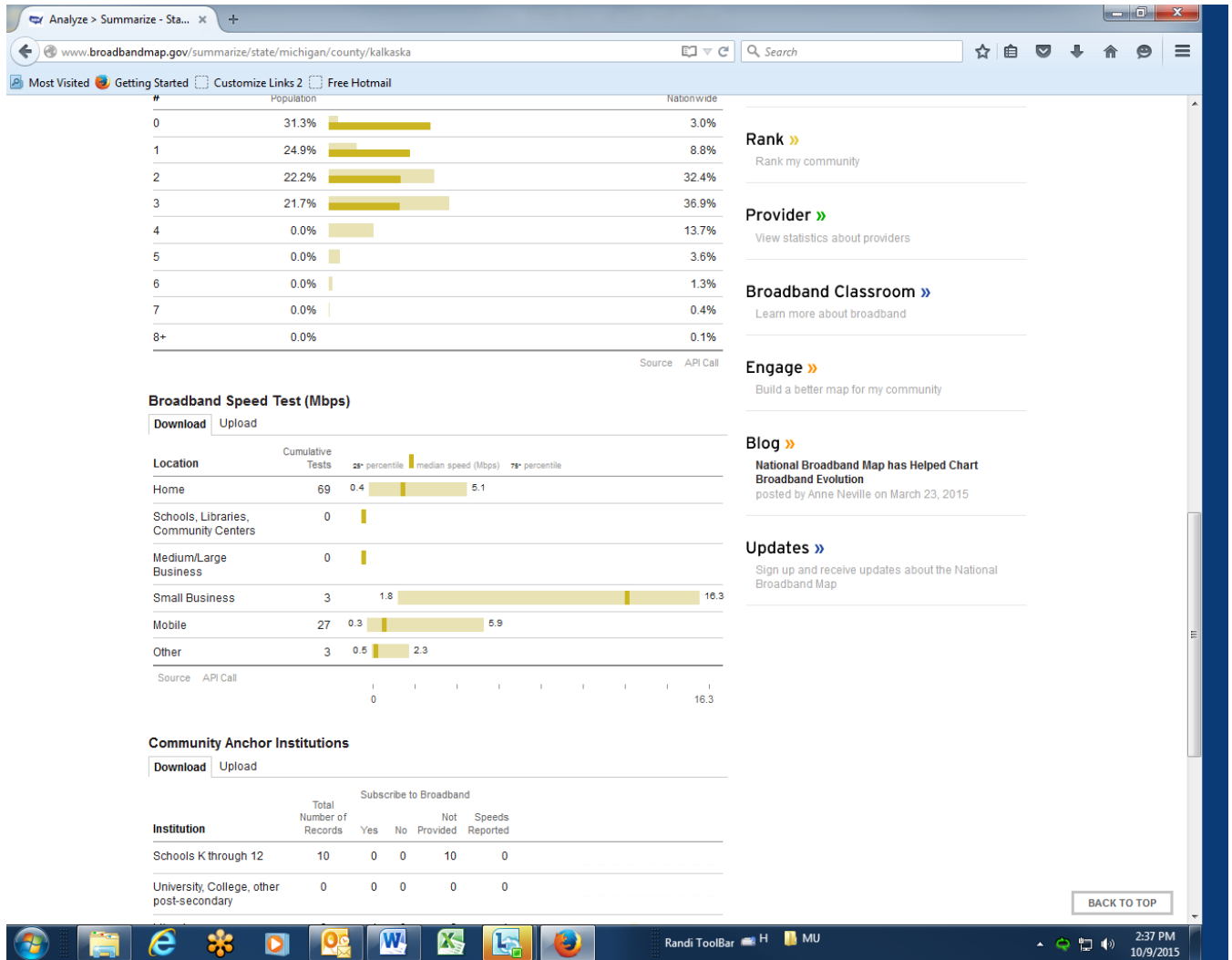
Crawford County, October 2015, 1.7



Kalkaska County, August 2015, 1.9 Mbps



Kalkaska County, October 2015, 1.9 Mbps



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- [Analyze](#)
- [Map](#)
- [Developer](#)
- [About](#)
- [Native Nations](#)

[Analyze](#) » [Summarize](#)

[State](#) » [Michigan](#)

[County](#) » [Kalkaska](#)









Below is a summary of the broadband characteristics for the area listed above. The broadband data below is as of June 30, 2014 and represents data collected by SBDD grantees. Click on the section headings to see more information.


[Print this page](#) •

[Export Data](#)

[Wireline](#)









[Download](#)[Upload](#)

Speed	Percent Population		Nationwide
Upload > 768kbps	61.1%		95.1%
Upload > 1.5Mbps	49.8%		90.7%
Upload > 3Mbps	40.0%		86.0%
Upload > 6Mbps	0.0%		64.2%
Upload > 10Mbps	0.0%		62.1%
Upload > 25Mbps	0.0%		27.5%
Upload > 50Mbps	0.0%		20.9%
Upload > 100Mbps	0.0%		18.3%

Speed	Percent Population		Nationwide
Upload > 1Gbps	0.0%		7.2%

Source
API Call
API Call:

<http://www.broadbandmap.gov/broadbandmap/analyze/jun2014/summary/population/county/ids/26079?format=json>





Speed	Percent Population		Nationwide
Dn>3Mbps Up>768kbps	61.1%		94.8%
Download > 3Mbps	64.4%		95.4%
Download > 6Mbps	63.0%		94.2%
Download > 10Mbps	59.1%		92.9%
Download > 25Mbps	40.8%		85.3%
Download > 50Mbps	40.0%		83.2%
Download > 100Mbps	40.0%		64.8%
Download > 1Gbps	0.0%		7.9%






Source
API Call
API Call:

<http://www.broadbandmap.gov/broadbandmap/analyze/jun2014/summary/population/county/ids/26079?format=json>

Wireless









DownloadUpload

Speed	Percent Population		Nationwide
Upload > 768kbps	100.0%		99.4%
Upload > 1.5Mbps	100.0%		99.3%
Upload > 3Mbps	90.6%		98.3%
Upload > 6Mbps	59.8%		75.5%

Speed	Percent Population		Nationwide
Upload > 10Mbps	59.8%		16.6%
Upload > 25Mbps	0.0%		9.3%
Upload > 50Mbps	0.0%		5.7%
Upload > 100Mbps	0.0%		3.9%
Upload > 1Gbps	0.0%		0.1%



Source
API Call
API Call:




<http://www.broadbandmap.gov/broadbandmap/analyze/jun2014/summary/population/county/ids/26079?format=json>

Speed	Percent Population		Nationwide
Dn>3Mbps Up>768kbps	100.0%		99.3%
Download > 3Mbps	100.0%		99.3%
Download > 6Mbps	94.4%		98.5%
Download > 10Mbps	94.4%		98.2%
Download > 25Mbps	59.8%		14.0%
Download > 50Mbps	59.3%		6.6%
Download > 100Mbps	0.0%		4.3%
Download > 1Gbps	0.0%		0.1%

Source
API Call
API Call:

<http://www.broadbandmap.gov/broadbandmap/analyze/jun2014/summary/population/county/ids/26079?format=json>

Technology	Percent Population		Nationwide
DSL	58.7%		90.0%
Fiber	0.0%		25.4%










Technology	Percent Population		Nationwide
Cable	48.9%		88.8%
Wireless	100.0%		99.4%
Other	0.0%		0.0%

Source
API Call
API Call:

<http://www.broadbandmap.gov/broadbandmap/analyze/jun2014/summary/population/county/ids/26079?format=json>






Number of Internet Providers

WirelineWireless

#	Percent Population		Nationwide
0	0.0%		0.1%
1	0.1%		0.2%
2	0.4%		2.5%
3	2.6%		5.9%
4	8.2%		29.7%
5	8.2%		26.3%
6	27.0%		16.5%
7	49.5%		9.3%
8+	4.0%		9.5%

Source
API Call
API Call:

<http://www.broadbandmap.gov/broadbandmap/analyze/jun2014/summary/population/county/ids/26079?format=json>

#	Percent Population		Nationwide
0	31.3%		3.0%
1	24.9%		8.8%
2	22.2%		32.4%
3	21.7%		36.9%
4	0.0%		13.7%

#	Percent Population		Nationwide
5	0.0%		3.6%
6	0.0%		1.3%
7	0.0%		0.4%
8+	0.0%		0.1%

Source
API Call
API Call:

<http://www.broadbandmap.gov/broadbandmap/analyze/jun2014/summary/population/county/ids/26079?format=json>

Broadband Speed Test (Mbps)

DownloadUpload

Location	Cumulative Tests	25* percentile	median speed (Mbps)	75* percentile
Home	69	0.2		0.9
Schools, Libraries, Community Centers	0			
Medium/Large Business	0			
Small Business	3	0.5		17.5
Mobile	27	0.1		1.2
Other	3	0.2		0.7

Source
API Call

API Call: <http://www.broadbandmap.gov/broadbandmap/speedtest/county/ids/26079?format=json>
016.3

Location	Cumulative Tests	25* percentile	median speed (Mbps)	75* percentile
Home	69	0.4		5.1
Schools, Libraries, Community Centers	0			
Medium/Large Business	0			
Small Business	3	1.8		16.3
Mobile	27	0.3		5.9
Other	3	0.5		2.3

Source
API Call

API Call: <http://www.broadbandmap.gov/broadbandmap/speedtest/county/ids/26079?format=json>
016.3

Community Anchor Institutions

DownloadUpload

Institution	Subscribe to Broadband		Total Number of Records	Not Provided		Speeds Reported
	Yes	No		Yes	No	
Schools K through 12	10	0	0	10	0	

Institution	Total Number of Records	Subscribe to Broadband			
		Yes	No	Not Provided	Speeds Reported
University, College, other post-secondary	0	0	0	0	0
Libraries	3	1	0	2	0
Medical / Healthcare	1	0	0	1	0
Public Safety	8	2	0	6	1
Community Centers - Government support	0	0	0	0	0
Community Centers - Non-Government support	0	0	0	0	0


Source
API Call

API Call: <http://www.broadbandmap.gov/broadbandmap/cai/jun2014/county/ids/26079?format=json>

Institution	Total Number of Records	Subscribe to Broadband				Speeds Reported
		Yes	No	Not Provided		
Schools K through 12	10	0	0	10	0	
University, College, other post-secondary	0	0	0	0	0	
Libraries	3	1	0	2	1	<div><div></div></div>
Medical / Healthcare	1	0	0	1	0	
Public Safety	8	2	0	6	1	<div><div></div></div>
Community Centers - Government support	0	0	0	0	0	
Community Centers - Non-Government support	0	0	0	0	0	
Source						
API Call						
API Call: http://www.broadbandmap.gov/broadbandmap/cai/jun2014/county/ids/26079?format=json						

Download Community Anchor Institutions data on the download page

Share »

Share [Updates »](#)Updates

Map »

Rank »

Summarize »

Broadband Classroom »

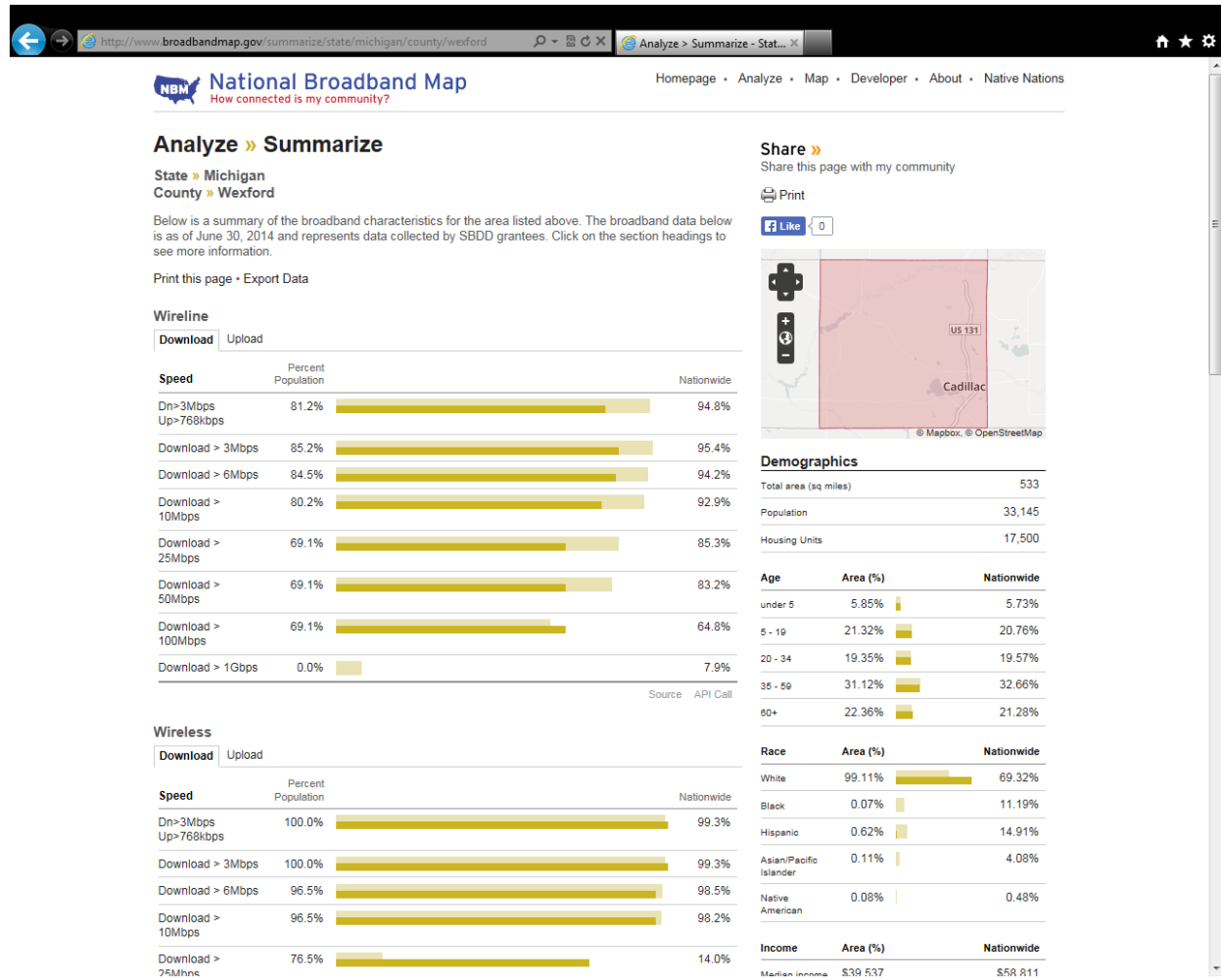
Engage »

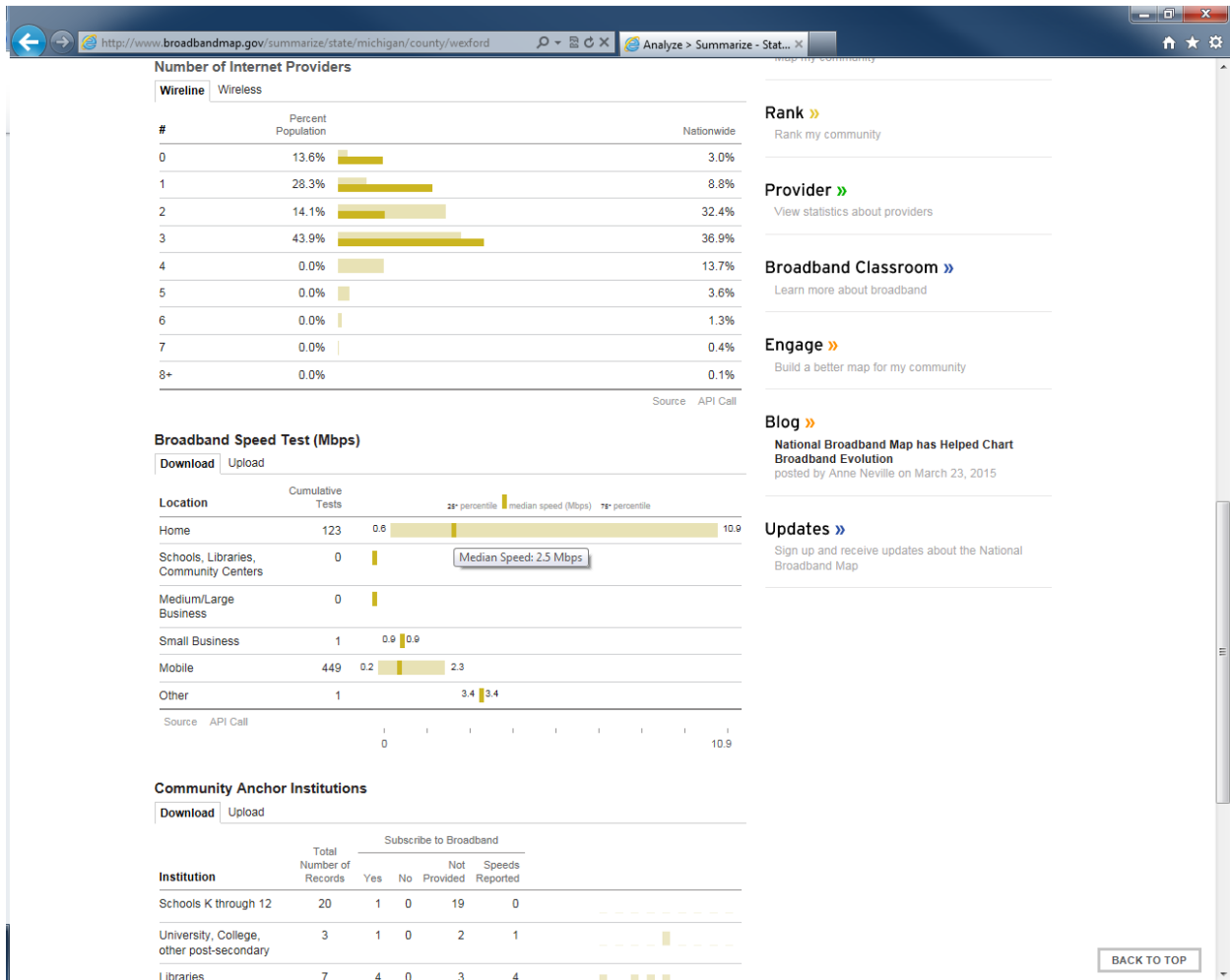
[Blog »](#)

Provider »

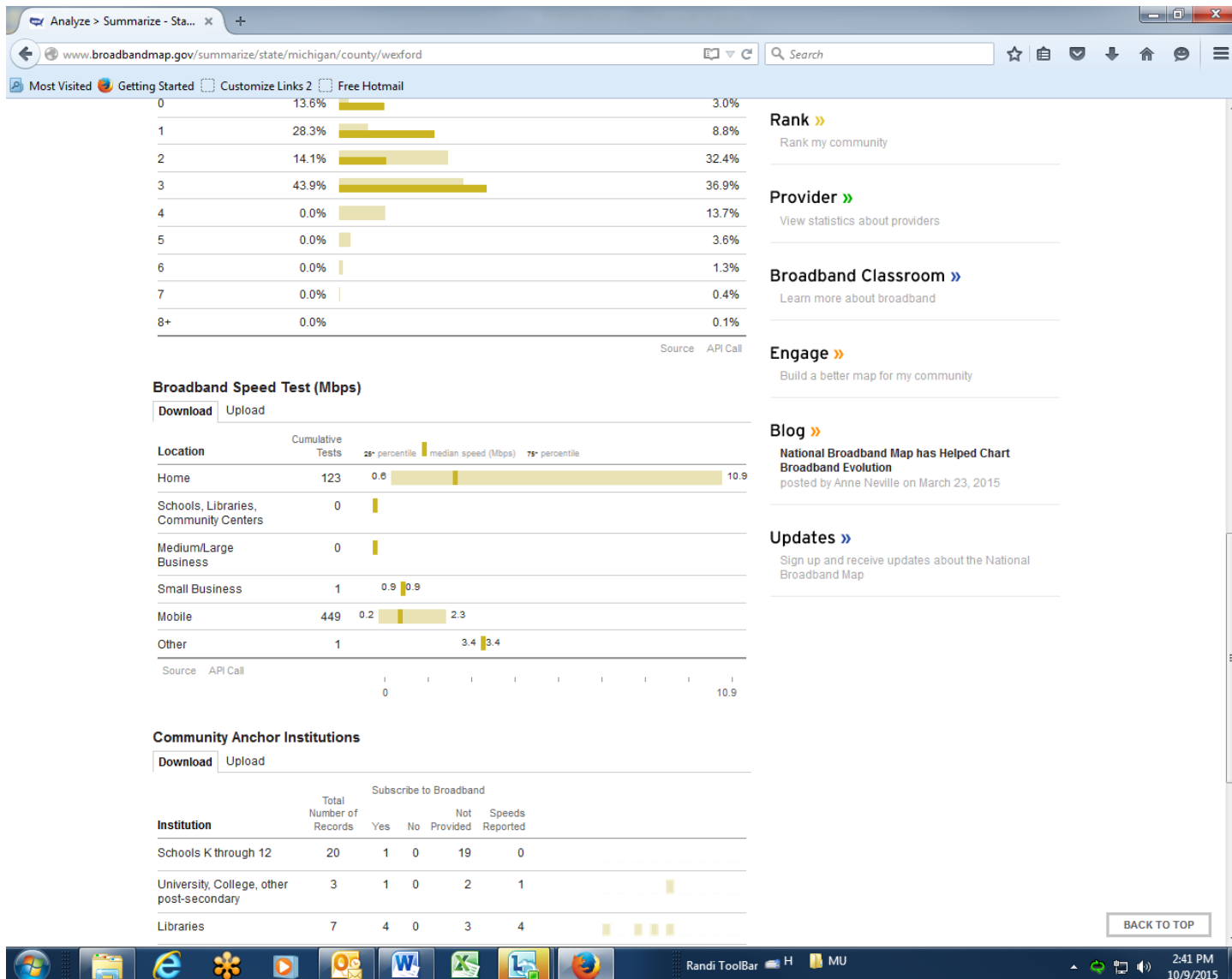


Wexford County, August 2015, 2.5 Mbps

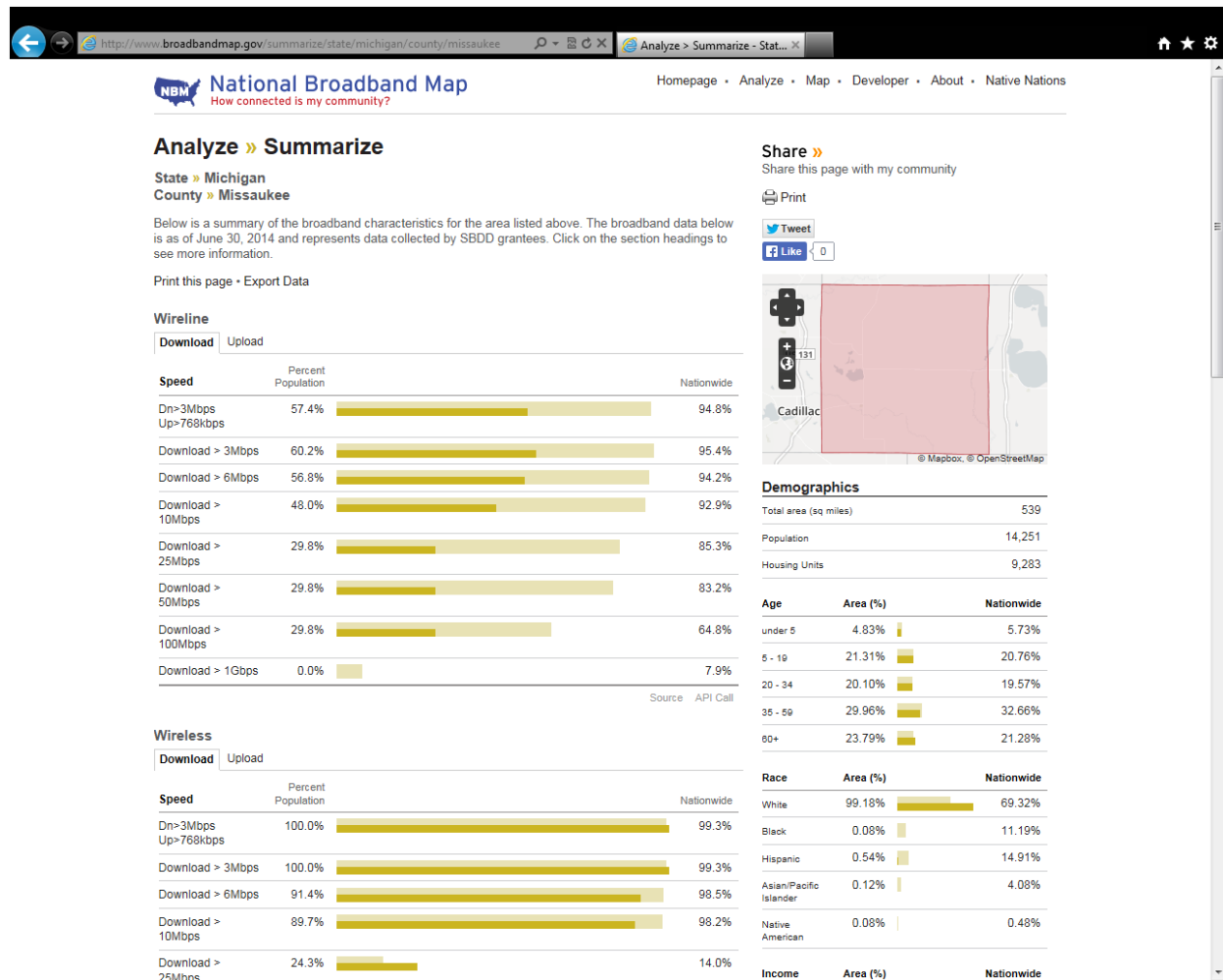


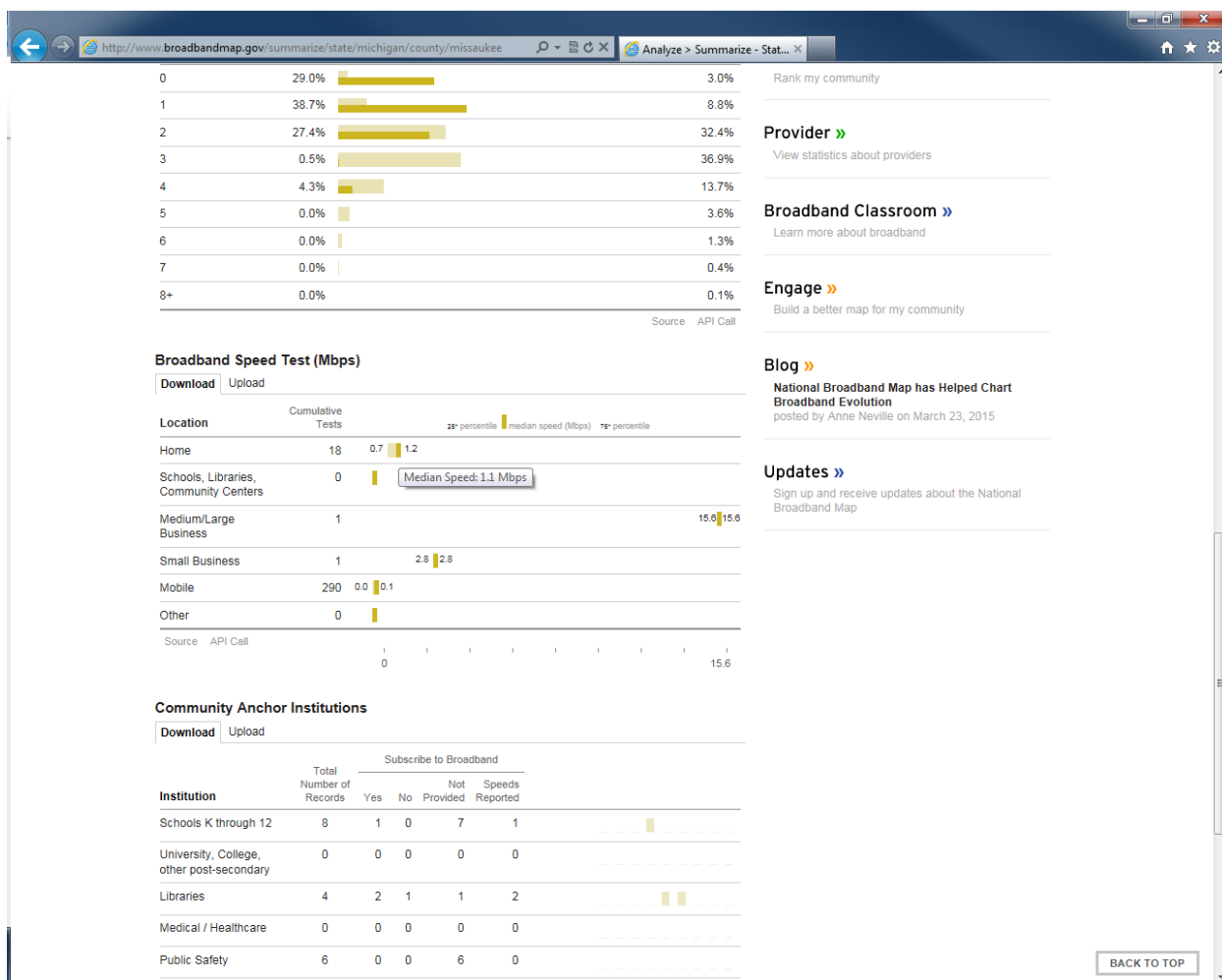


Wexford County, October 2015, 2.5 Mbps

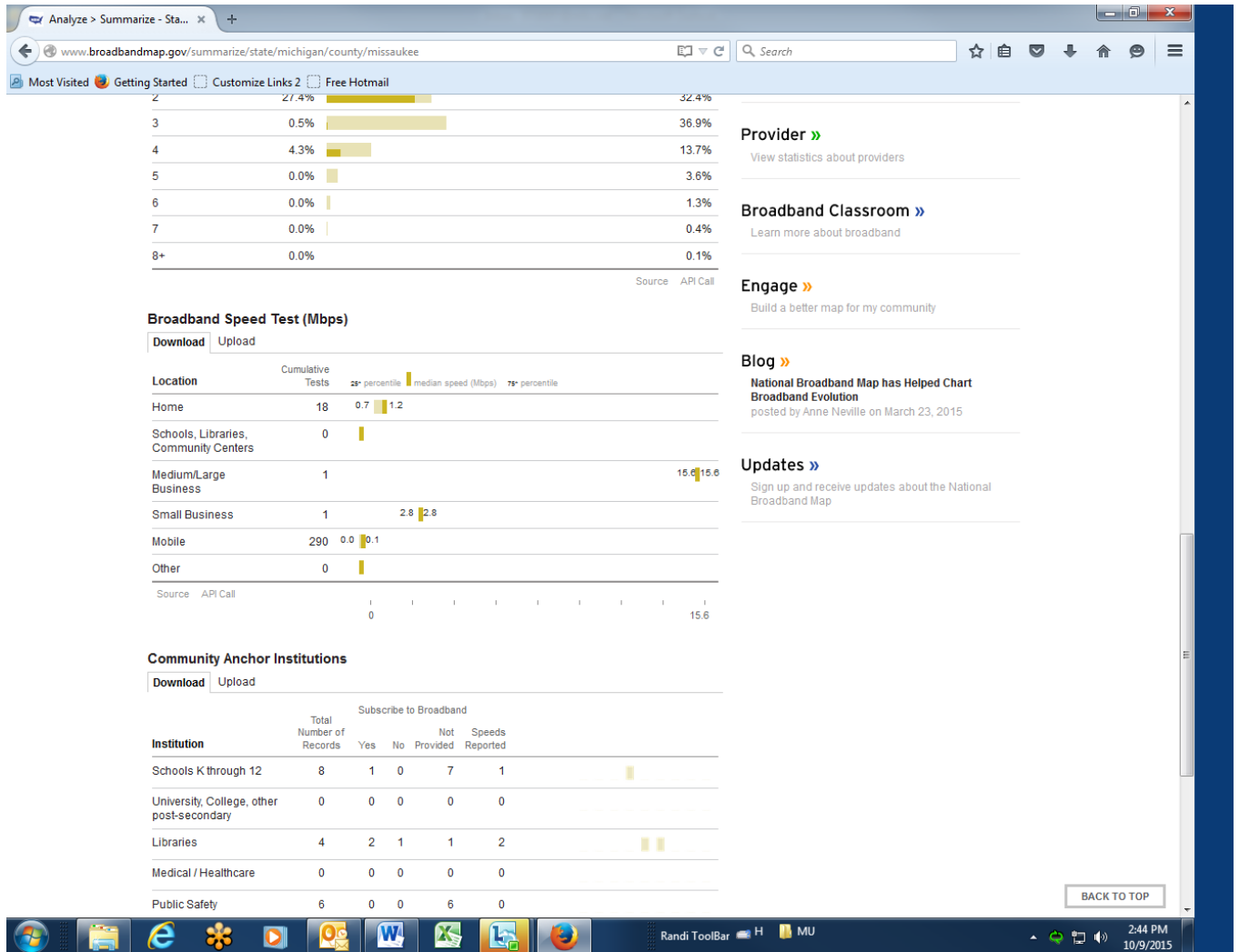


Missaukee, August 2015, 1.1 Mbps

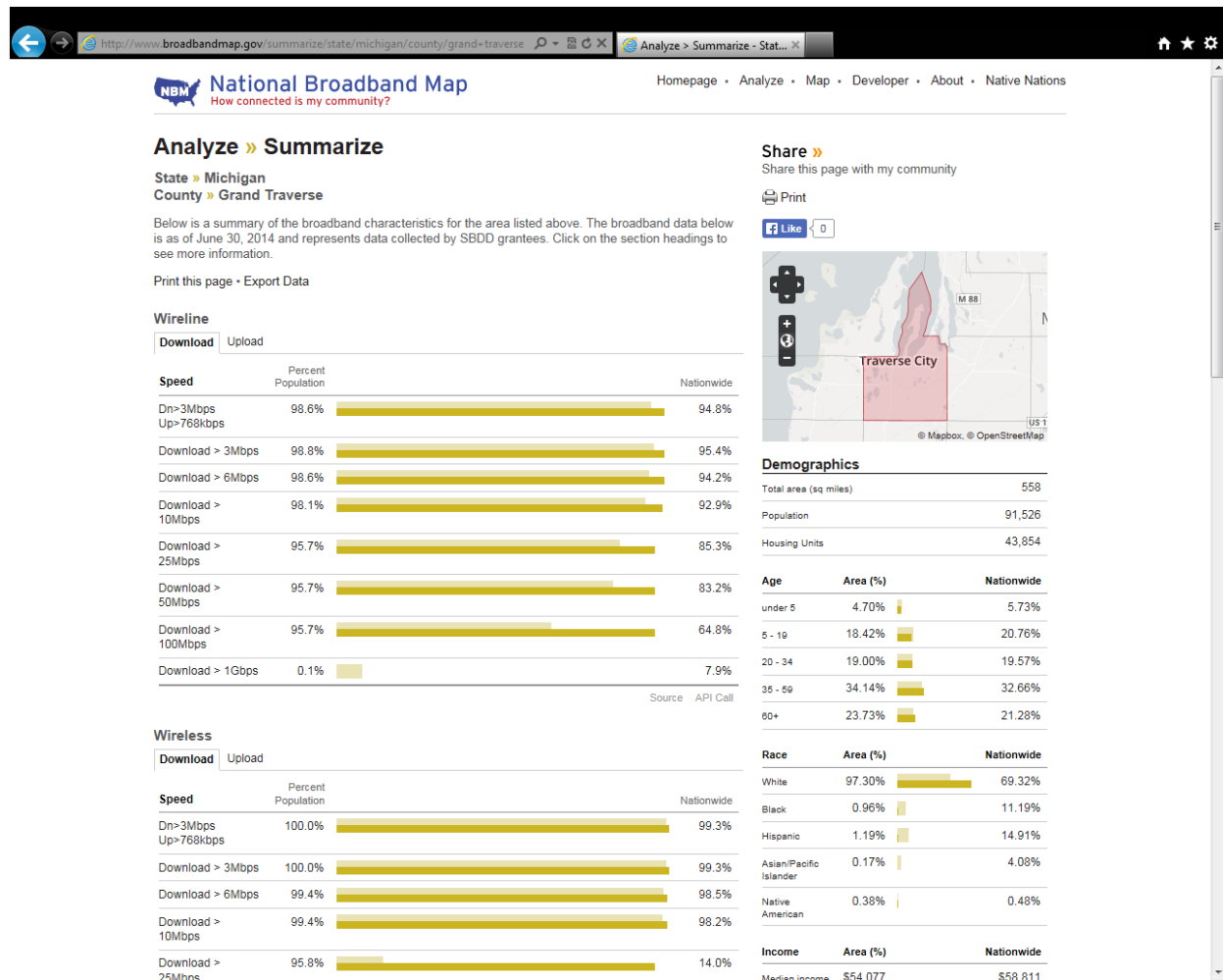


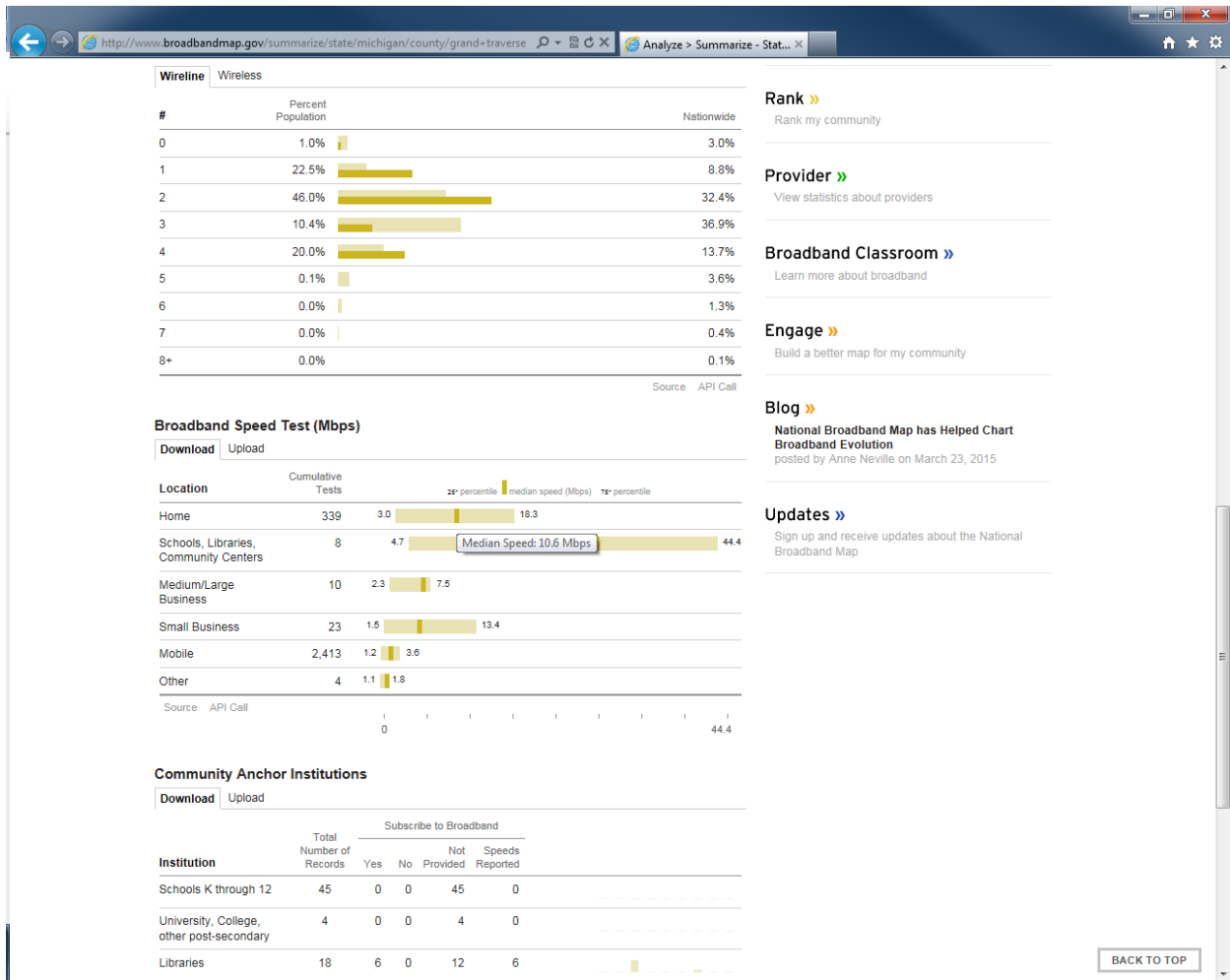


Missaukee, October 2015, 1.1 Mbps

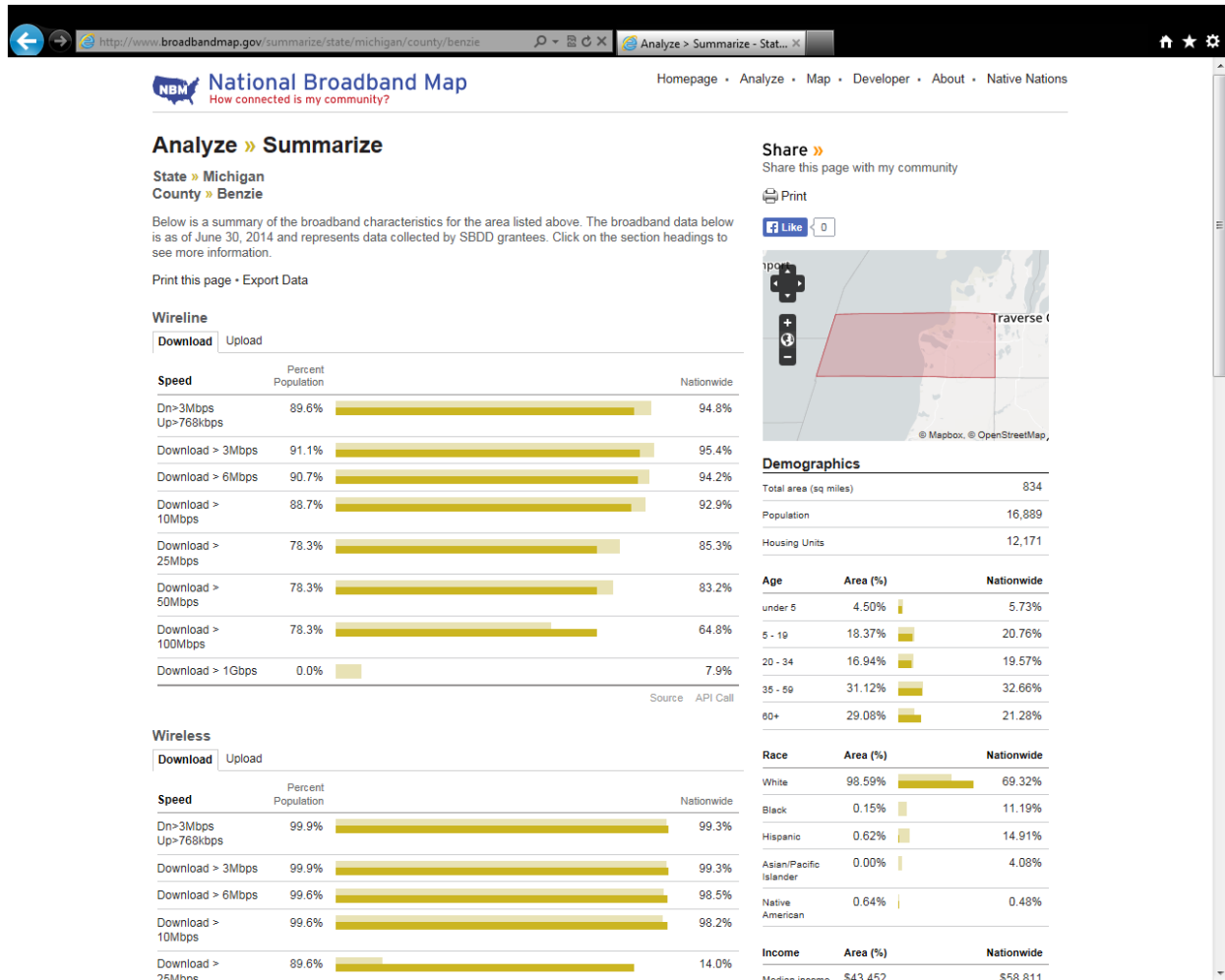


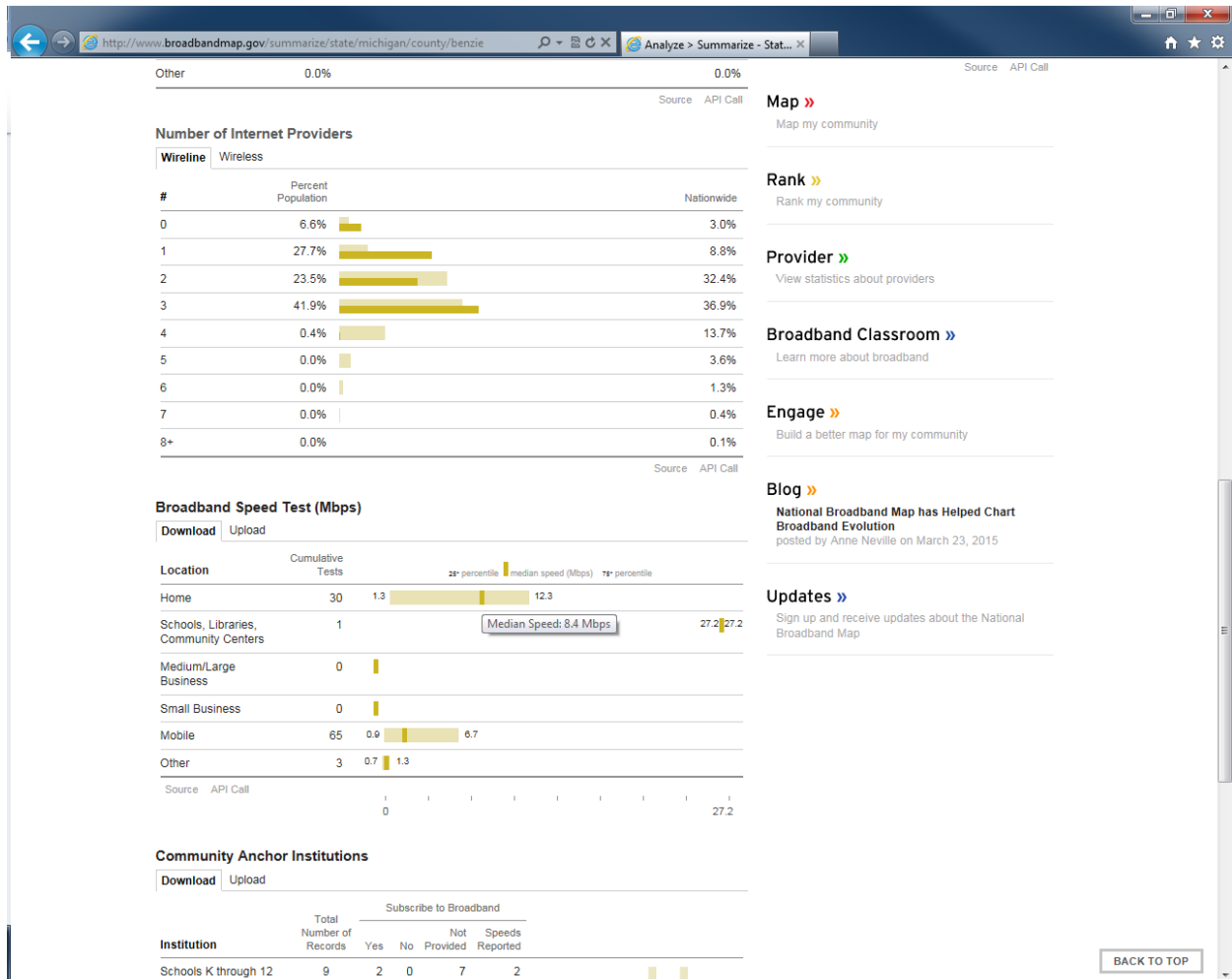
Grand Traverse, August 2015, 10.6 Mbps



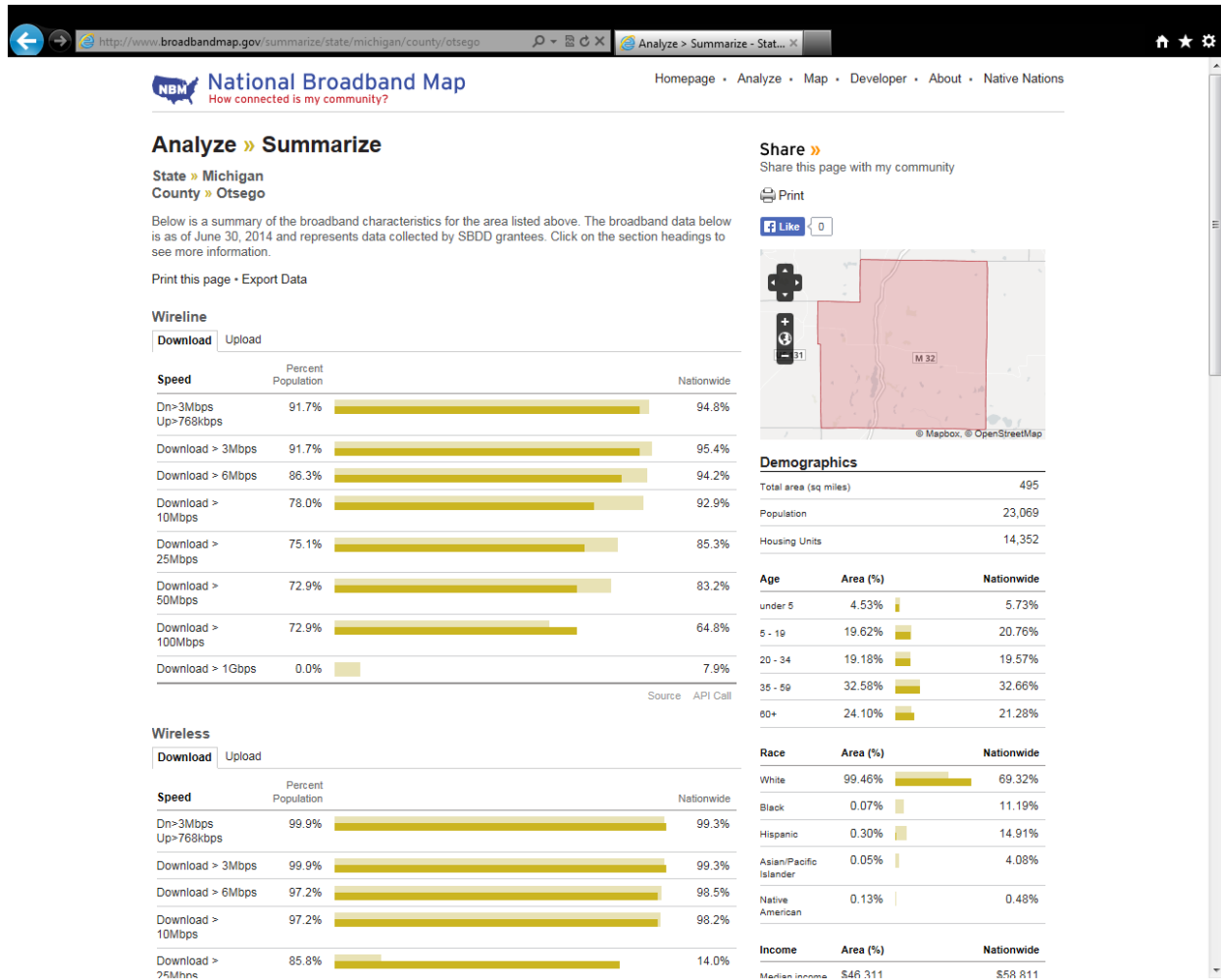


Benzie (Frankfort), August 2015, 8.4 Mbps

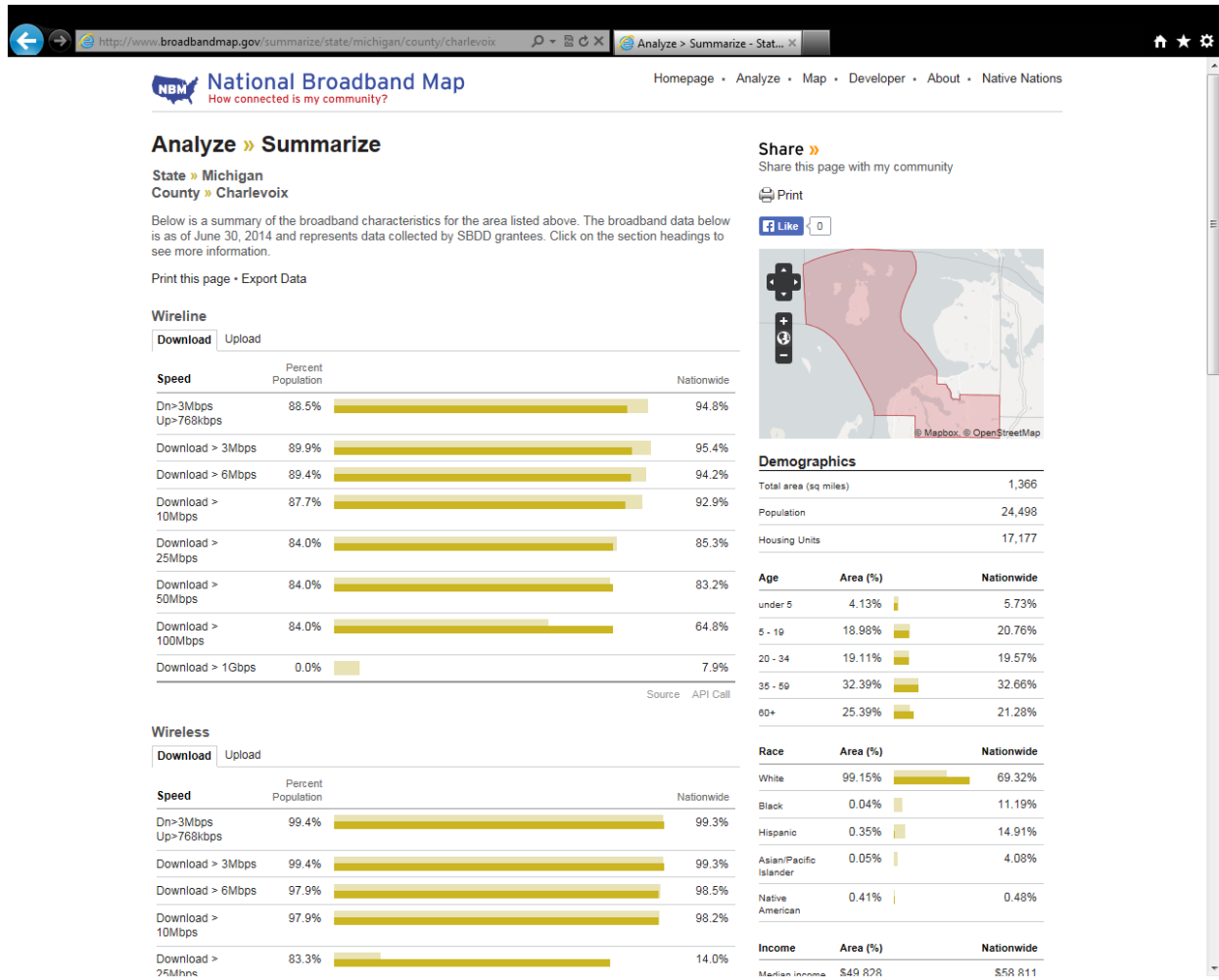


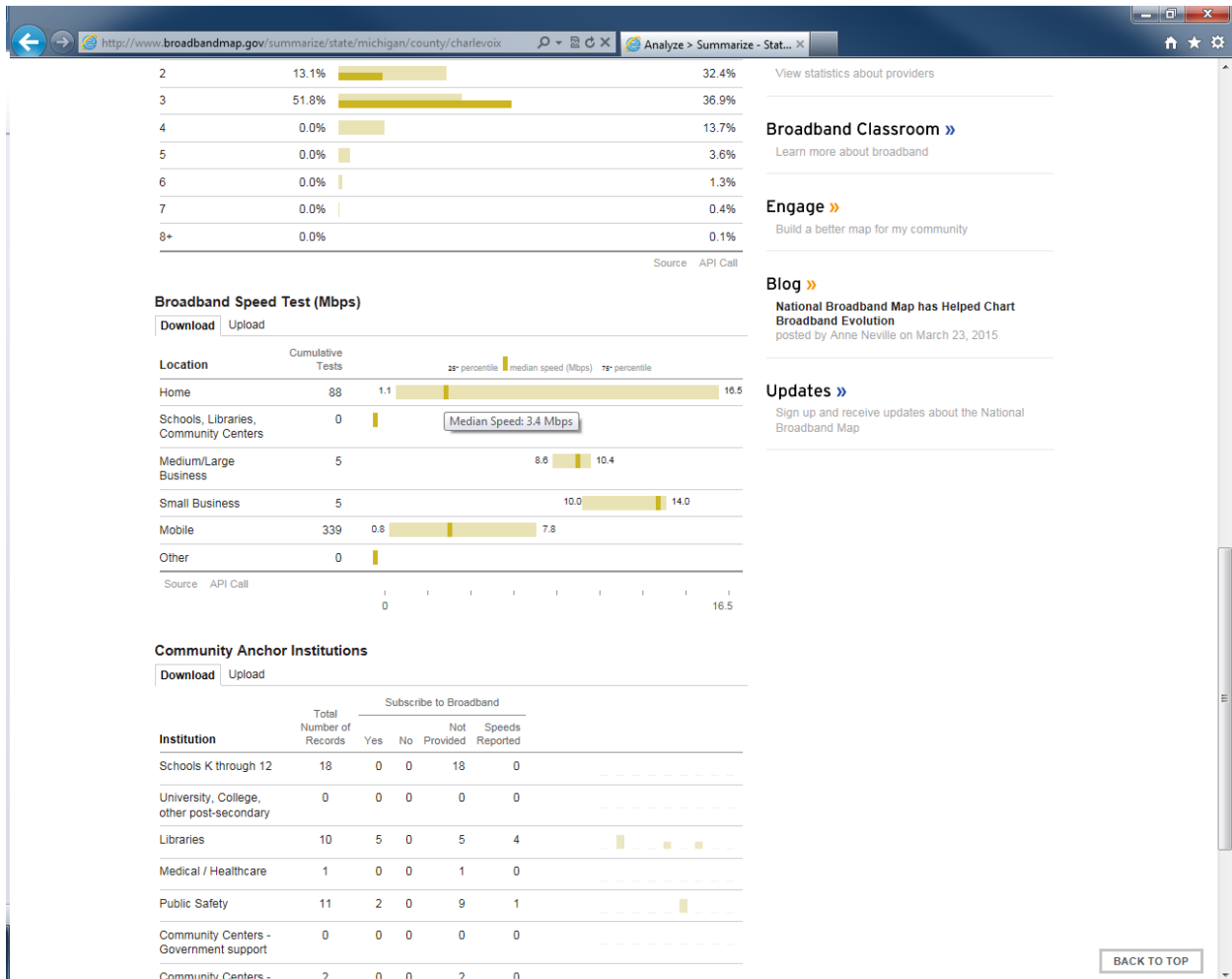


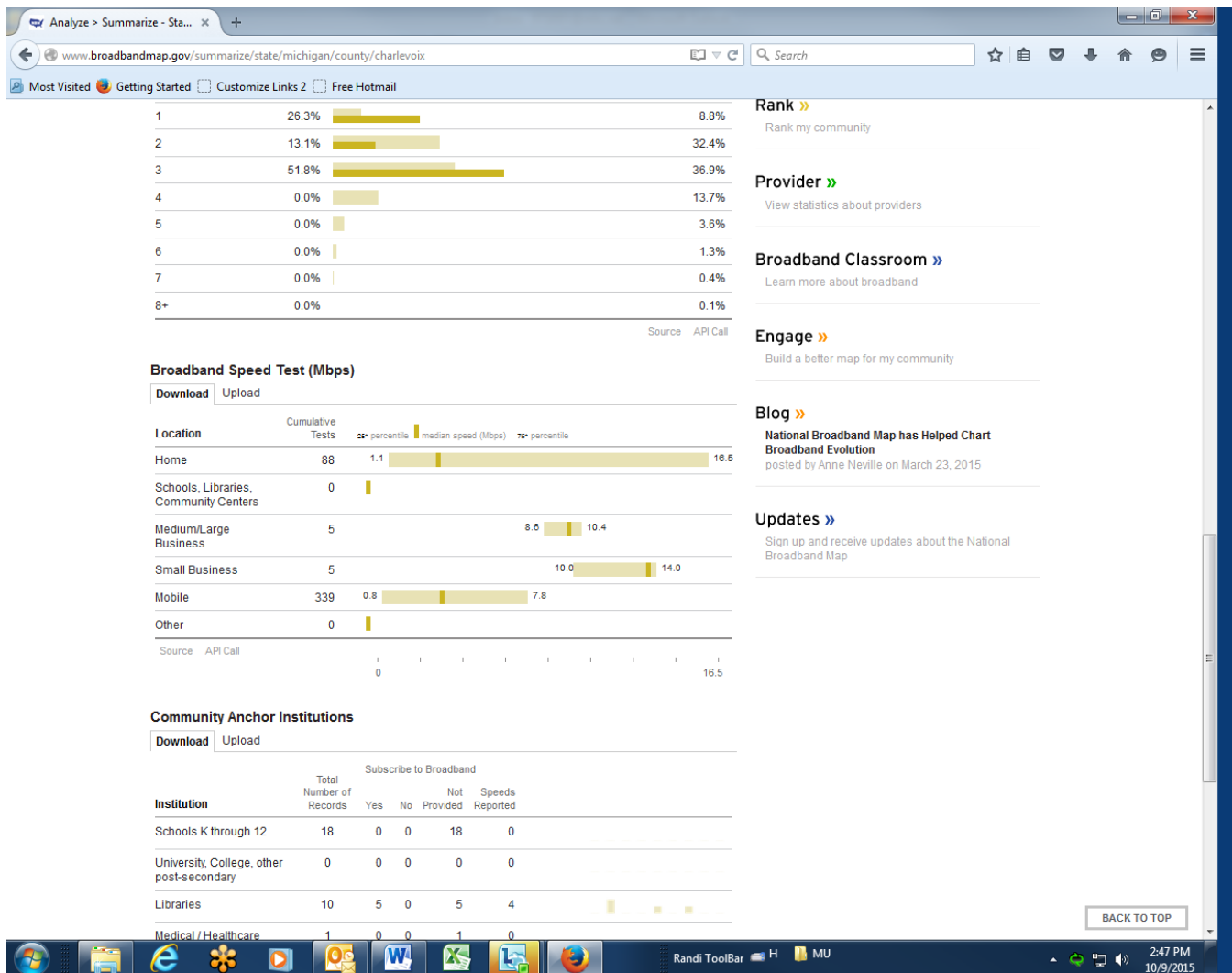
Otsego, August 2015, 13.8 Mbps



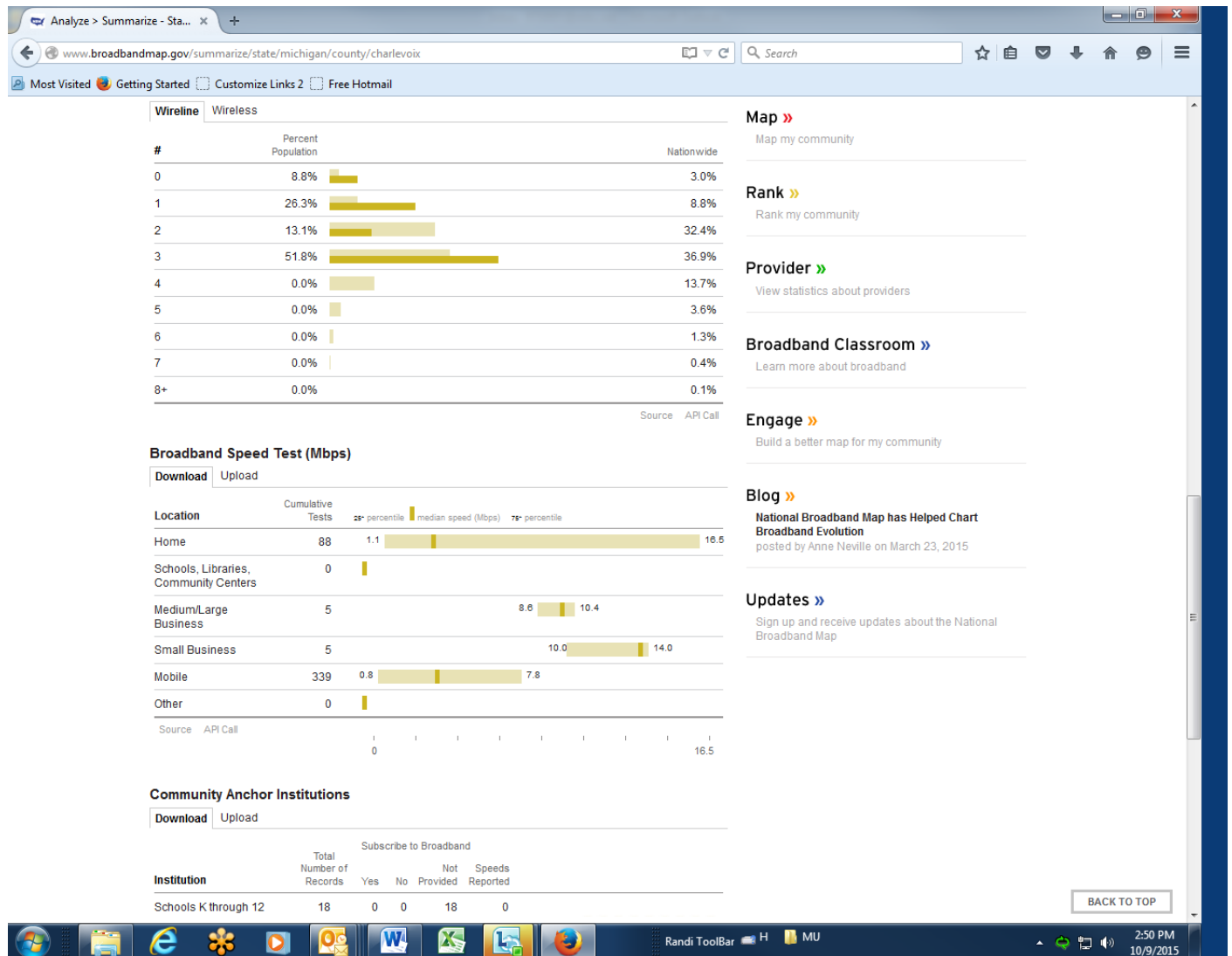
Charlevoix, August 2015, 3.4 Mbps



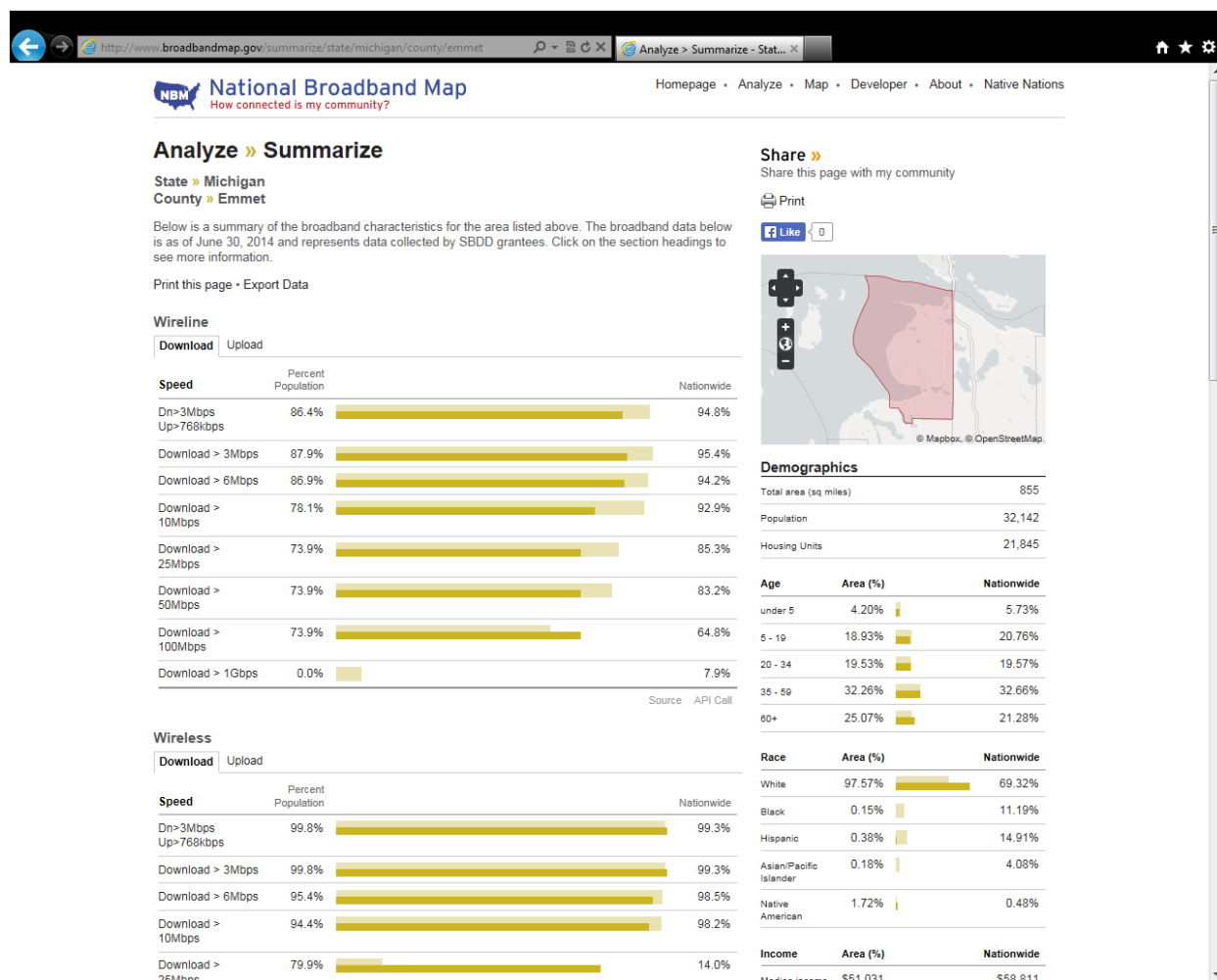


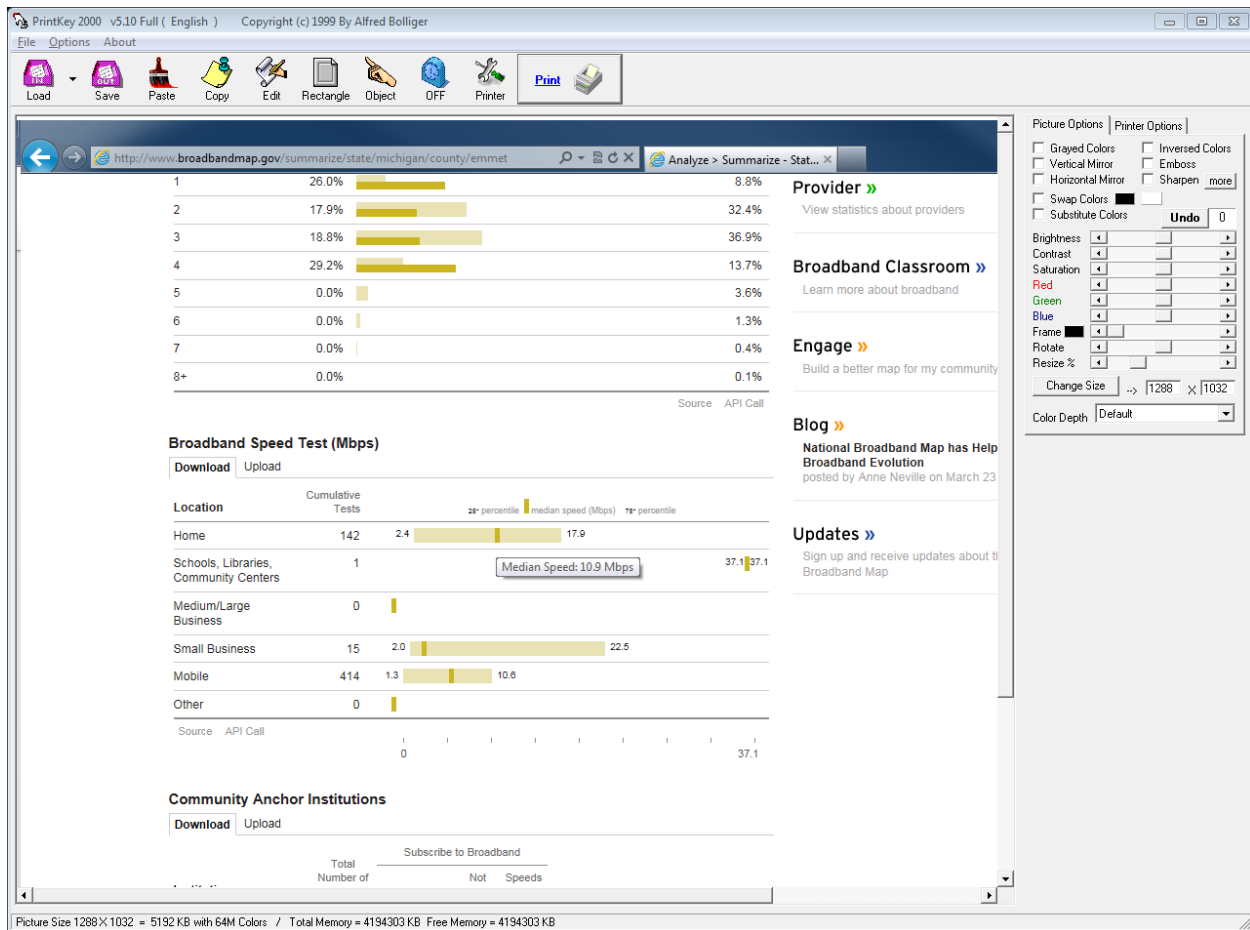


Charlevoix, October 2015, 3.4 Mbps



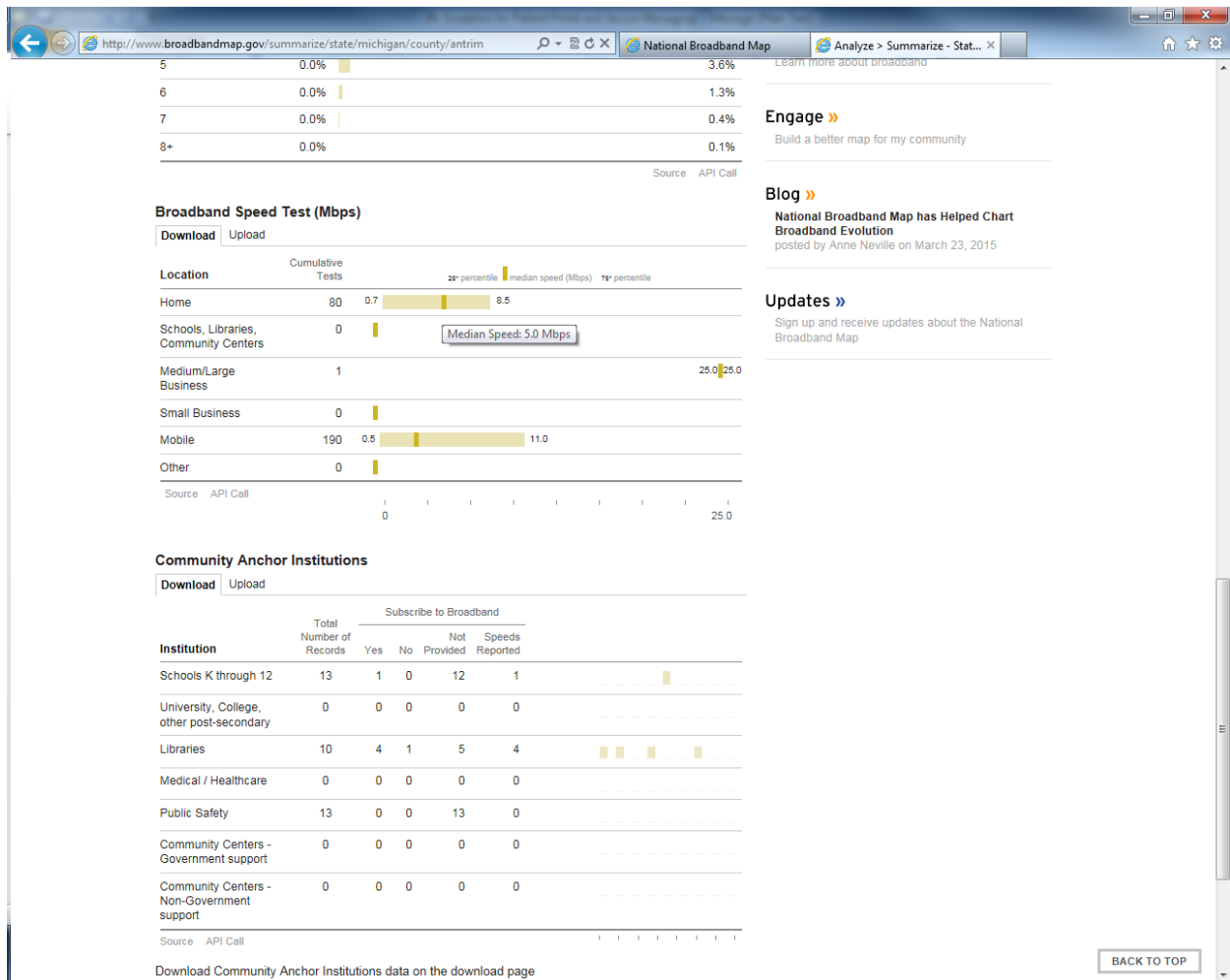
Emmet, August 2015, 10.9 Mbps





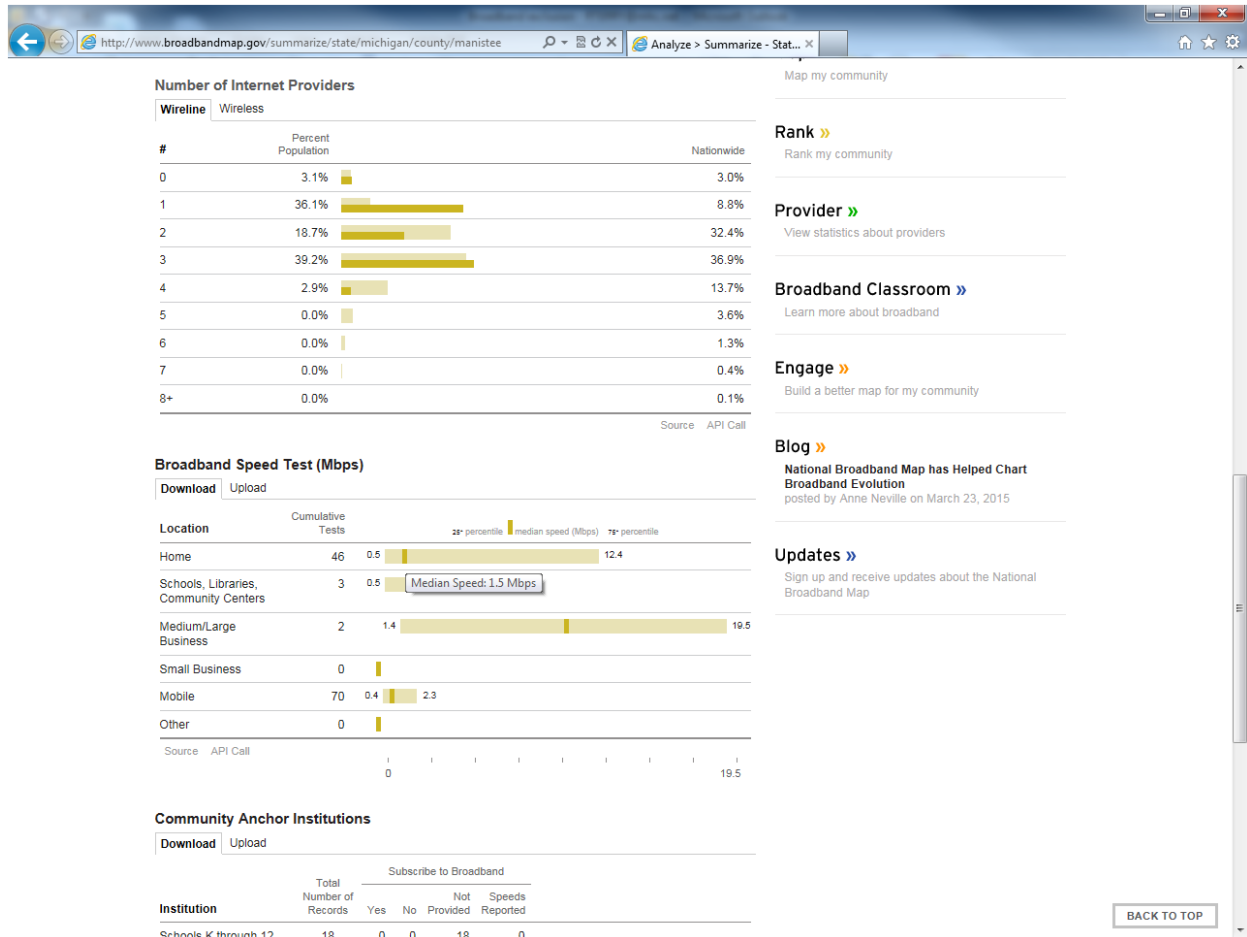
Emmet, October 2015, 10.9 Mbps

Antrim County, August, 2015, 5.0 Mbps

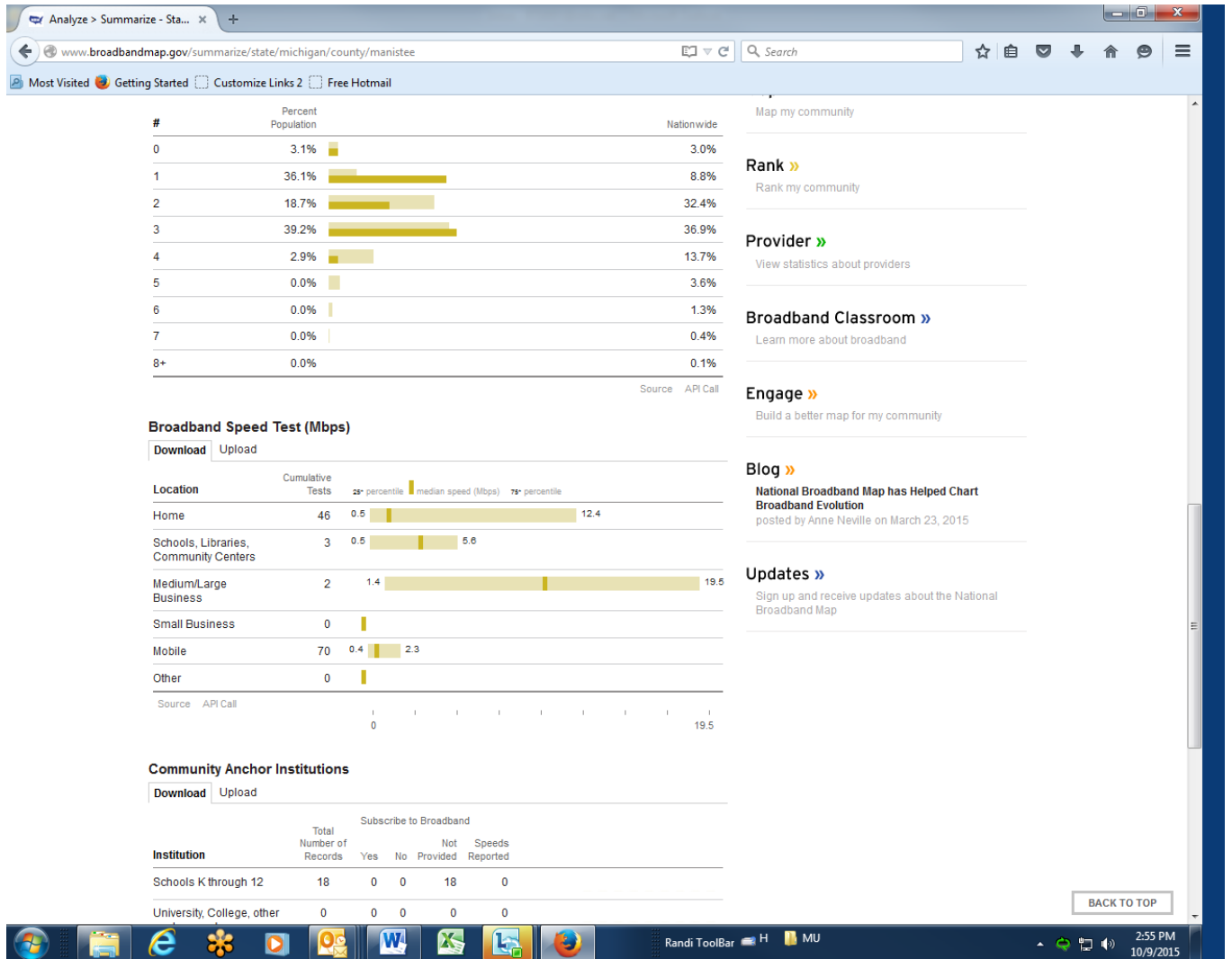


Antrim Country, October, 2015, 5.0 Mbps

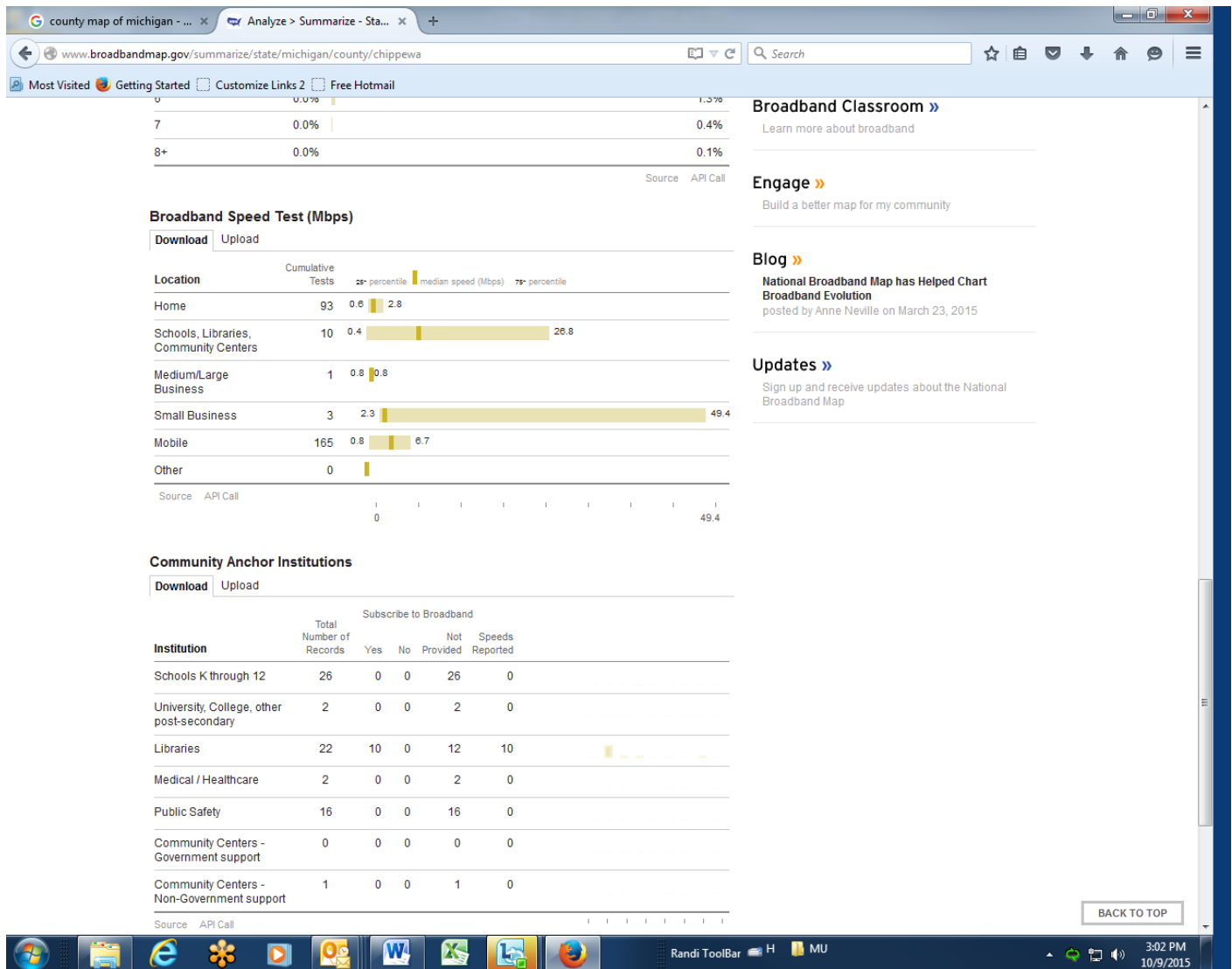
Manistee, August 2015, 1.5 Mbps



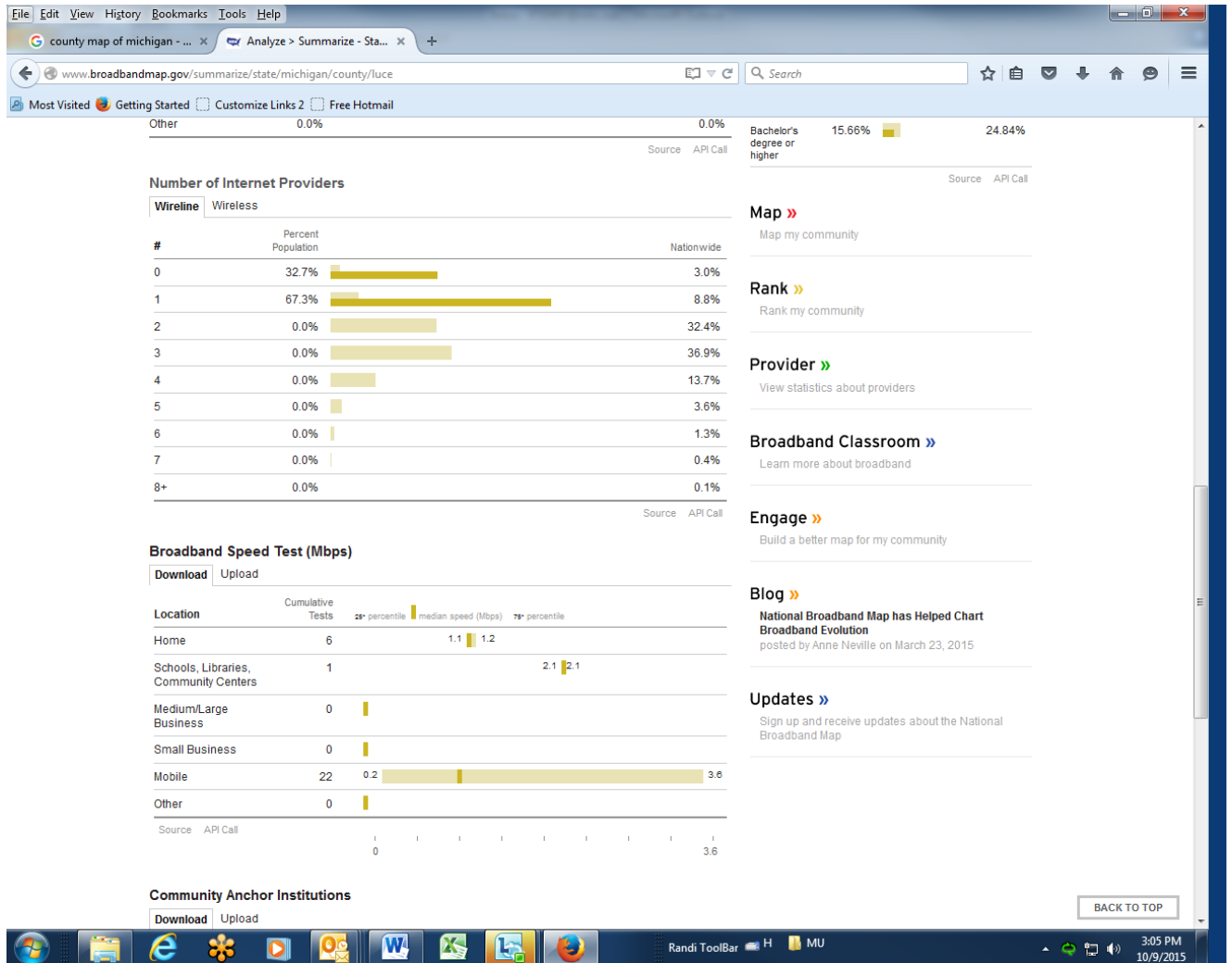
Manistee, October 2015, 1.5 Mbps



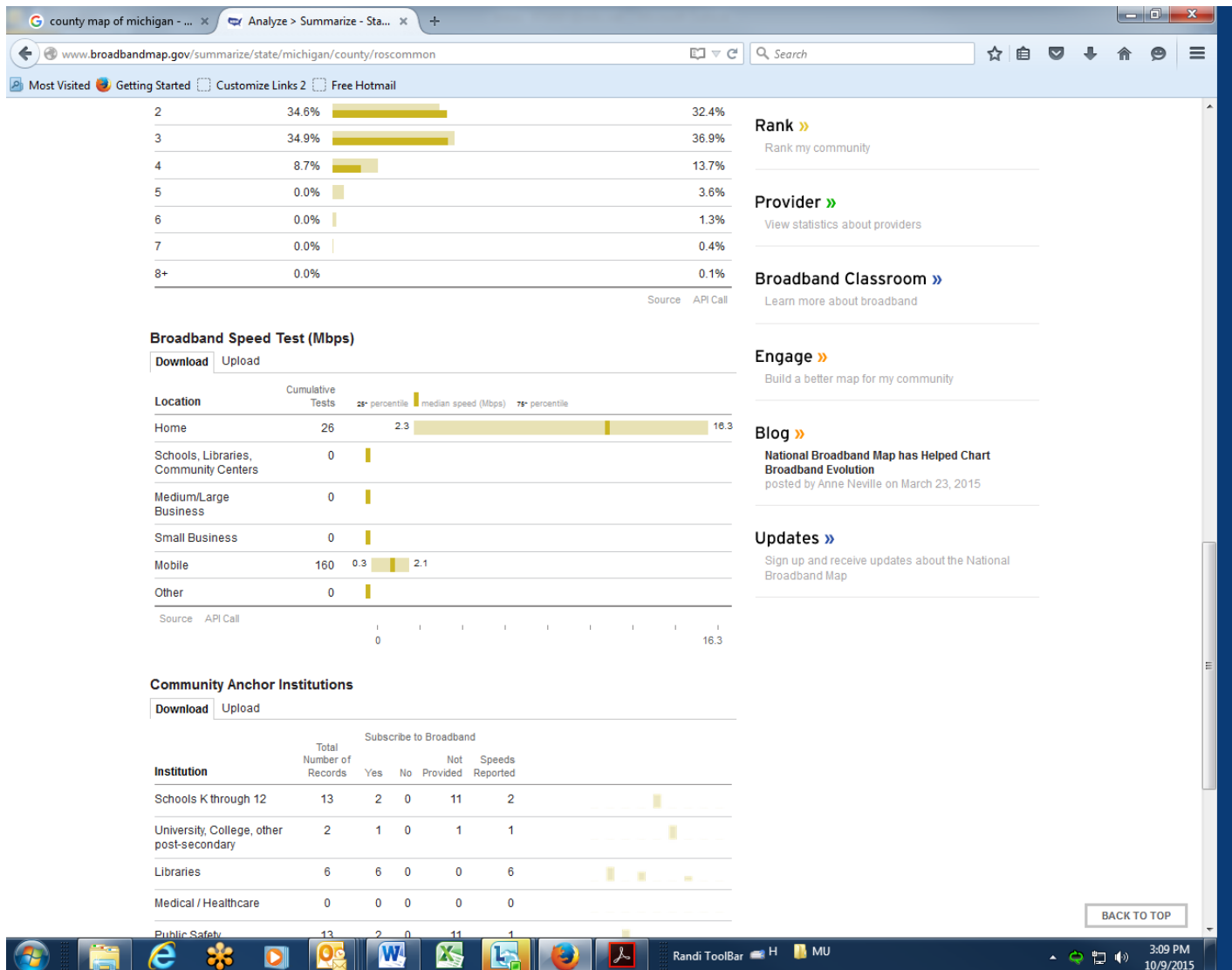
Chippewa, October 2015, 1.0 Mbps



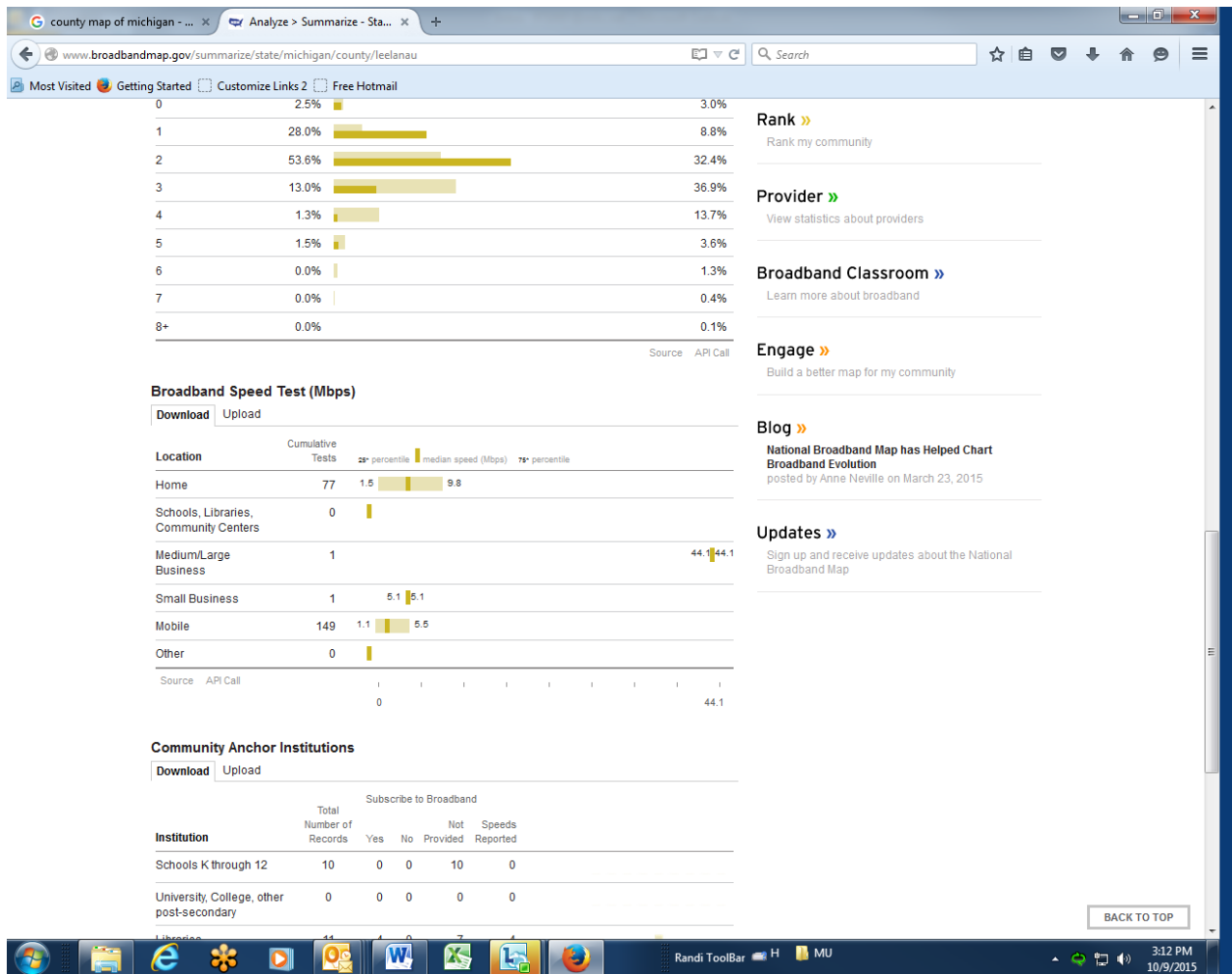
Luce, October 2015, 1.1 Mbps



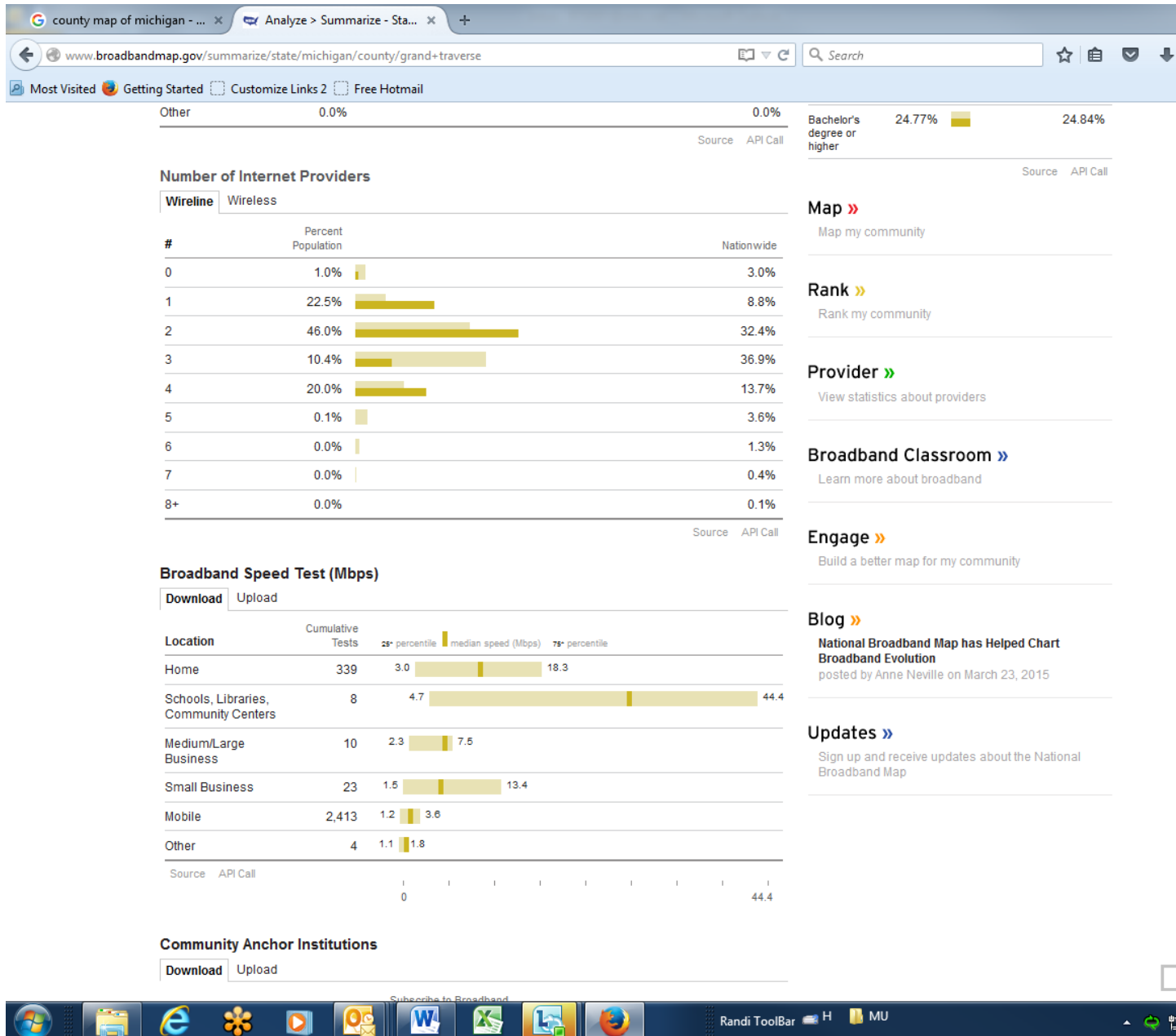
Roscommon, October 2015, 11.4 Mbps



Leelanau, October 2015, 5.1 Mbps



Grand Traverse, October 2015, 10.6 Mbps



Mackinaw County, October 2015, 3.4

