

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

In the Matter of )  
Comcast Cable Communications, LLC, )  
on behalf of its subsidiaries and affiliates )  
 ) CSR No. \_\_\_\_\_  
For Determination of Effective Competition in: )  
11 Baldwin, Pennsylvania-Area Franchise Areas )  
  
To: Office of the Secretary  
Attn: Chief, Media Bureau

**PETITION FOR SPECIAL RELIEF**

Comcast Cable Communications, LLC, on behalf of its subsidiaries and affiliates (“Comcast”), pursuant to Sections 76.7 and 76.907 of the Commission’s rules,<sup>1</sup> requests that the Commission find that Comcast faces “effective competition” in 11 Pennsylvania franchise areas (the “Franchise Areas”).<sup>2</sup>

The Communications Act of 1934, as amended (the “Act”), and the Commission’s rules provide that cable television rates may be regulated only in the absence of effective competition.<sup>3</sup> Cable operators are entitled to demonstrate that effective competition exists on a franchise-by-franchise basis.<sup>4</sup> When a cable operator demonstrates that effective competition exists within a franchise area, cable rates in the affected area are no longer subject to regulation.<sup>5</sup>

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<sup>1</sup> 47 C.F.R. §§ 76.7 and 76.907.

<sup>2</sup> See Exhibit 1.

<sup>3</sup> 47 U.S.C. § 543(a)(2); 47 C.F.R. § 76.905(a).

<sup>4</sup> 47 C.F.R. § 76.907.

<sup>5</sup> See *Implementation of Sections of the Cable Television Consumer Protection and Competition Act of 1992, Rate Regulation*, 8 FCC Rcd. 5631, 5664-5665 (1993) (“Rate Order”).

Under the “competing provider” test set forth in Section 623(1)(1)(B) of the Act and Section 76.905(b)(2) of the Commission’s rules (the “Competing Provider Test”), a cable system will be deemed subject to effective competition if:

- (i) the franchise area is served by at least two unaffiliated multichannel video programming distributors (“MVPDs”), each of which offers comparable programming to at least 50 percent of the households in the franchise area; and
- (ii) the number of households subscribing to multichannel video programming other than the largest MVPD exceeds 15 percent of the households in the franchise area.<sup>6</sup>

As demonstrated below, the Competing Provider Test is easily satisfied in each of the Franchise Areas – Baldwin (Borough), Baldwin (Township), Brentwood, Castle Shannon, Dormont, Elizabeth, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall - because two unaffiliated DBS providers serve over 50 percent of the Franchise Area’s households with programming comparable to Comcast, and the aggregate penetration rate reported for all “competing providers” far exceeds the 15 percent threshold in each of the Franchise Areas.<sup>7</sup>

**I. THE COMPETING PROVIDER TEST IS SATISFIED IN EACH OF THE FRANCHISE AREAS**

The two prongs of the Competing Provider Test are straightforward and objective. Both prongs of this test are clearly satisfied in each of the Franchise Areas.

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<sup>6</sup> 47 U.S.C. § 543(1)(1)(B)(i) and (ii); 47 C.F.R. § 76.905(b)(2)(i) and (ii).

<sup>7</sup> In the Elizabeth Franchise Area, Comcast is relying solely on DBS subscriber data. As explained below, in the remaining Franchise Areas, the competing penetration figure includes subscribers from local MVPD competitor Verizon, as well as from the two major DBS providers.

**A. Multiple Unaffiliated MVPDs Offer Programming Comparable to Comcast to Over 50 Percent of the Households in the Franchise Areas.**

The first prong of the Competing Provider Test requires that a franchise area must be served by “at least two unaffiliated multichannel video programming distributors...”<sup>8</sup> This requirement is easily satisfied, because the two major direct broadcast satellite providers (DirecTV, Inc. and Dish Network, Corp.) (“DBS Providers”) are both unaffiliated with Comcast and both “offer” programming that is comparable to Comcast to more than 50 percent of the households in Comcast’s Franchise Areas.

Service of an MVPD is deemed “offered” under the Competing Provider Test when it is both *technically* and *actually* available.<sup>9</sup> The Commission has determined that DBS service is presumed to be “technically available” throughout the country due to its nationwide satellite footprint.<sup>10</sup> Comcast’s Franchise Areas are well within the satellite footprint of DirecTV and Dish Network. Thus, both DirecTV and Dish Network are “technically available” in the Franchise Areas.

DBS service is presumed to be “actually available” if households in a franchise area are made “reasonably aware” that the service is available.<sup>11</sup> The Commission has stated that “a party may use evidence of penetration rates in the franchise area (the second prong of the competing provider test ... ) coupled with the ubiquity of DBS services to show that consumers are

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<sup>8</sup> 47 U.S.C. § 543(1)(1)(B)(i); 47 C.F.R. § 76.905(b)(2)(i). Section 602 of the Communications Act of 1934, as amended, defines “multichannel video programming distributors” to include cable operators, as well as DBS and MMDS providers. *See* 47 U.S.C. § 522(13).

<sup>9</sup> *Rate Order* ¶ 29.

<sup>10</sup> *See MediaOne of Georgia, Inc.; Petition for Revocation of the Certification of Gwinnett County, Georgia*, 12 FCC Rcd. 19406, ¶ 5 n.16 (1997) (citing *Rate Order* at 5660-5661).

<sup>11</sup> *See Rate Order* ¶ 32 (citations omitted). *See also Charter Communications, LLC d/b/a Charter Communications Petition for Determination of Effective Competition in Fourteen North Carolina Communities, et al*, 19 FCC Rcd. 7003, ¶ 4 (2004).

reasonably aware of the availability of DBS service.”<sup>12</sup> The same reasoning applies here.

DirecTV and Dish Network are among the largest MVPDs in the nation.<sup>13</sup> With approximately 33.8 million subscribers nationwide,<sup>14</sup> comprising more than 33 percent of all MVPD subscribers,<sup>15</sup> ubiquitous advertising, and the substantial DBS penetration figures in the Franchise Areas, it is clear that consumers in the Franchise Areas are “reasonably” aware of the availability of DBS competitors.<sup>16</sup>

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<sup>12</sup> *Comcast Cable Communications, LLC Petition for Determination of Effective Competition in Various Michigan Communities*, 23 FCC Rcd. 9595, ¶ 5 (2008), citing *Mediacom Illinois LLC et al., Eleven Petitions for Determination of Effective Competition in Twenty-Two Local Franchise Areas in Illinois and Michigan*, 21 FCC Rcd. 1175 (2006) (“*Comcast – Various Michigan Communities*”). Thus, the Commission has not required the production of advertising to demonstrate that households in the franchise area are “reasonably aware” of the availability of DBS service. See *Bright House Networks, LLC Petition for Determination of Effective Competition (Lake Alfred and Dundee FL)*, 22 FCC Rcd. 4390, ¶ 6 (2007) (“Over more than ten years, we have made hundreds of findings that households in particular franchise areas are reasonably aware that they may purchase DBS services based on localized evidence. These accumulated showings amount to substantial evidence that households in all franchise areas are reasonably aware that they may purchase DBS services. In at least one earlier reported decision, we found households in a franchise area to be reasonably aware that they may purchase DBS service solely based on evidence of DBS's nationwide growth and local subscriptions, without reference to advertising or other promotion.”) (“*Bright House Networks – Florida*”).

<sup>13</sup> See *Thirteenth Annual Assessment of the Status of Competition in the Market for the Delivery of Video Programming*, MB Docket No. 06-189, FCC 07-206, ¶ 76 (rel. Jan. 16, 2009).

<sup>14</sup> See Press Release, DirecTV Inc., *DirecTV Announces Fourth Quarter and Full Year 2011 Results* (Feb. 16, 2012) (reporting that, as of December 31, 2011, DirecTV (US) had 19.9 million subscribers), available at <http://investor.directv.com/releasedetail.cfm?ReleaseID=649162>; See Press Release, Dish Network, *Dish Network Reports Fourth Quarter and Year End 2011 Financial Results* (Feb. 23, 2012) (reporting that, as of December 31, 2011, Dish Network had approximately 13.97 million subscribers), available at <http://press.dishnetwork.com/press-releases/dish-network-reports-fourth-quarter-and-year-end-2-nasdaq-dish-0855001>.

<sup>15</sup> Georg Szalai, *Pay TV Operators Added 300,000 Subscribers in Fourth Quarter*, *The Hollywood Reporter*, March 19, 2012 (citing SNL Kagan report of 100.31 million video subscribers by the end of 2011), available at <http://www.hollywoodreporter.com/news/pay-tv-operators-added-subscribers-fourth-quarter-snl-kagan-showtime-starz-hbo-301624>.

<sup>16</sup> See, e.g., *Comcast – Various Michigan Communities* ¶ 5; *Bright House Networks – Florida* ¶ 6.

The Competing Provider Test also requires that the programming offered by the competing providers must be “comparable” to the programming offered by the cable operator.<sup>17</sup> The Commission’s rules define comparable programming as “at least 12 channels of video programming, including at least one channel of nonbroadcast service programming.”<sup>18</sup> The Commission has repeatedly recognized that the DBS Providers offer comparable programming to Comcast under the Commission’s Competing Provider Test.<sup>19</sup> Each of the DBS Providers offer well over 100 video channels, most of which are non-broadcast services.<sup>20</sup> And, as shown in the attached channel line-up, Comcast’s programming service offerings in the Franchise Areas are substantially similar to the DBS programming services.<sup>21</sup>

Based on the above facts, Comcast has satisfied the first prong of the Competing Provider Test.

**B. The Competing Providers Serve Greater Than 15 Percent of the Households In Comcast’s Franchise Areas.**

The second prong of the Competing Provider Test requires that the subscriber base of competing MVPDs (other than the largest MVPD) exceeds 15 percent of franchise area households. The Commission’s rules provide that once the first prong of the Competing Provider Test is satisfied (as it is with the DBS service offerings in this case) the subscribers of *all* qualifying MVPDs count toward the 15 percent penetration figure necessary for a

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<sup>17</sup> See 47 U.S.C. § 543(1)(1)(B)(i); 47 C.F.R. § 76.905(b)(2)(i).

<sup>18</sup> 47 C.F.R. § 76.905(g).

<sup>19</sup> See, e.g., *Comcast Cablevision of Maryland, Inc., Petitions for Determination of Effective Competition (Charles County, MD)*, 19 FCC Rcd. 7130, ¶ 4 (2004) (“We find that the programming of DBS providers satisfies the Commission’s program comparability criterion because DBS providers offer more than 12 channels of video programming, including more than one non-broadcast channel.”).

<sup>20</sup> See Channel Line-ups of DirecTV and Dish Network, attached hereto as Exhibit 2.

<sup>21</sup> See Comcast Channel Line-up, attached hereto as Exhibit 3.

determination of effective competition (even if they are not available themselves to more than 50 percent of local households).<sup>22</sup> Verizon offers competing cable service in 10 of the 11 Franchise Areas - Baldwin (Borough), Baldwin (Township), Brentwood, Castle Shannon, Dormont, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall.<sup>23</sup> Accordingly, the Competing Provider subscriber tallies presented in this Petition for these 10 Franchise Areas include subscribers from Verizon,<sup>24</sup> as well as from the two major DBS providers.<sup>25</sup> The resulting penetration figures easily exceed the 15 percent threshold in each of the Franchise Areas:

Baldwin (Borough)	17.60%
Baldwin (Township)	54.18%
Brentwood	43.75%
Castle Shannon	34.26%
Dormont	40.66%
Elizabeth	16.64%
Fox Chapel	33.69%
McCandless	36.51%
Pittsburgh	24.15%
Ross	35.99%
Whitehall	37.96%

Because DBS Providers track their subscribers according to the zip codes where each subscriber resides (rather than by political jurisdiction), Comcast relied on ZIP+4 codes associated with each of the Franchise Areas to determine the number of local DBS subscribers.

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<sup>22</sup> See 47 C.F.R. § 76.905(f) (Emphasis added); see also *Time Warner Entertainment Co., L.P. et al. v. FCC*, 56 F.3d 151 (D.C. Cir. 1995) (holding that the subscribers of all MVPDs, other than the largest MVPD, may be aggregated to satisfy the 15 percent threshold).

<sup>23</sup> Verizon’s “comparable” channel lineup is set forth in Exhibit 4.

<sup>24</sup> Comcast obtained Verizon’s subscribership data for the Franchise Areas directly from Verizon, and such data was provided to Comcast on the condition that Comcast seek confidential treatment with respect to such information. Thus, Comcast submits Verizon’s subscriber figures for the relevant Franchise Areas as **Confidential Exhibit 5** to this Petition (with a redacted version attached).

<sup>25</sup> In contrast to the Competing Provider tallies for Baldwin (Borough), Baldwin (Township), Brentwood, Castle Shannon, Dormont, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall, which include Verizon subscribership numbers, the Competing Provider subscriber tally in the Elizabeth Franchise Area relies solely upon data from DirecTV and Dish Network.

The Commission has previously accepted the use of a ZIP+4 analysis as “reasonable and sufficiently reliable for purposes of determining the presence of effective competition,”<sup>26</sup> and has stated its preference for this approach.<sup>27</sup>

To determine the relevant ZIP+4 codes for the Franchise Areas, Comcast contacted Media Business Corp. (“MBC,” previously known as “SkyTrends”). MBC has developed a process to accurately identify the ZIP+4 codes that correspond with the political boundaries of a particular community. This process utilizes enhanced mapping software that correlates ZIP+4 codes with the U.S. Census Department’s “block group” level households. The “block group” measurement is the most precise Census tool available to measure households within a very small geographical area. With this software, MBC was able to identify the ZIP+4 codes that lie within each of the Franchise Areas.<sup>28</sup>

Comcast next provided all of the ZIP+4 codes for the Franchise Areas to the Satellite Broadcasting and Communication Association (“SBCA”). SBCA is the national trade association representing the two major DBS Providers, and it has assumed the responsibility for compiling subscribership data and responding to data requests from cable operators and franchising authorities engaged in effective competition proceedings. The DBS subscriber numbers reported in the attached Effective Competition Tracking Reports (“ECTR”) from SBCA

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<sup>26</sup> See *Cable One, Inc. Petition for Determination of Effective Competition in Pocatello, Idaho*, 18 FCC Rcd. 12792, ¶ 8 (2003), quoting *Falcon Cable Systems II, a California Limited Partnership, d/b/a Charter Communications Petition for Determination of Effective Competition in Twelve Oregon Cities*, 17 FCC Rcd. 4648 (2002).

<sup>27</sup> See Public Notice, “Commission Announces New Standards for Showings of Effective Competition For Cable Service,” 23 FCC Rcd. 12067 (2008). The Commission stopped short of requiring ZIP+4 evidence in effective competition cases. See Public Notice, “Commission Clarifies Standards for Evidence of Competing Provider Effective Competition for Cable Service,” DA 09-1361, 24 FCC Rcd. 8198 (2009).

<sup>28</sup> See Letter from MBC (explaining ZIP+4 methodology), attached hereto as Exhibit 6.

reflect the total DBS subscribers within the individual ZIP+4 codes associated with each of the Franchise Areas.<sup>29</sup>

Finally, Comcast compared the DBS subscribership figures reported by SBCA on a ZIP+4 basis with its own subscribership, and was able to confirm that its own subscribership exceeded that of DBS and Verizon in 10 of the 11 communities that qualify for effective competition under the Competing Provider Test – Baldwin (Borough), Brentwood, Castle Shannon, Dormont, Elizabeth, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall. Comcast is the largest MVPD in these Franchise Areas.

In the Baldwin (Township) Franchise Area, Comcast serves in excess of 15 percent of the households, while competing providers serve an aggregate of more than 54 percent in this community. The Commission has recognized that where “the subscribership penetration for both [the cable operator] and the aggregate DBS information each exceed 15 percent in the franchise area, the second prong of the competing provider test is satisfied.”<sup>30</sup> Thus, it is immaterial in this Franchise Area which MVPD is the largest, because both competing providers (as shown below) and cable readily pass the 15 percent threshold.

To determine whether the DBS (and, where appropriate, the combined DBS and Verizon) subscribership exceeds the statutorily mandated 15 percent threshold in the Franchise Areas, Comcast compared the Competing Providers’ combined subscribership to the most recent U.S.

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<sup>29</sup> See **Confidential Exhibit 7**. This exhibit includes all of the relevant ZIP+4 data relied on in the Petition and the total ZIP+4-based DBS subscribership for each of the Franchise Areas. Comcast is providing a redacted version of this exhibit, which excludes the DBS subscribership numbers corresponding to the Baldwin (Borough), Baldwin (Township), Brentwood, Castle Shannon, Dormont, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall Franchise Areas, in order to present the *aggregate* DBS and Verizon subscriber penetration figures and still maintain the confidential nature of the Verizon subscribership tallies for these communities.

<sup>30</sup> *Charter Communications – Seven Local Franchise Areas In Missouri*, 21 FCC Rcd. 1208, ¶ 5 (2006).

Census occupied household unit figures for each community.<sup>31</sup> This comparison yields the aggregate penetration rates for Competing Providers in each of the Franchise Areas.

As detailed in **Confidential Exhibit 9**, the subscriber penetration rate for the Competing DBS Providers in the Elizabeth Franchise Area exceeds the 15 percent threshold required under Section 623(1)(l)(B) of the Act. Likewise, the *aggregate* subscriber penetration rates for the DBS Providers and Verizon in the Baldwin (Borough), Baldwin (Township), Brentwood, Castle Shannon, Dormont, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall Franchise Areas, easily exceed the 15 percent threshold.<sup>32</sup> Accordingly, Comcast meets the second prong of the Competing Provider Test in each of the Franchise Areas.

Because Comcast meets both prongs of the Competing Provider Test in the Franchise Areas, it faces effective competition in each of the Franchise Areas.

### CONCLUSION

Comcast has demonstrated herein that it is subject to effective competition in each of the 11 Franchise Areas under the Competing Provider Test. Based on the evidence presented herein, Comcast respectfully requests that the Media Bureau issue an order acknowledging the presence

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<sup>31</sup> See Exhibit 8.

<sup>32</sup> See **Confidential Exhibit 9**. This exhibit includes the DBS subscribership and penetration figures in the Elizabeth Franchise Area, and the combined DBS and Verizon subscribership and penetration figures for the Baldwin (Borough), Baldwin (Township), Brentwood, Castle Shannon, Dormont, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall Franchise Areas. As noted above, at Verizon's request, Comcast is seeking confidential treatment with respect to the Verizon subscribership data for the Baldwin (Borough), Baldwin (Township), Brentwood, Castle Shannon, Dormont, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall Franchise Areas. Accordingly, Comcast is providing a redacted version of this exhibit, which excludes the DBS and Verizon subscribership numbers associated with the Baldwin (Borough), Baldwin (Township), Brentwood, Castle Shannon, Dormont, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall Franchise Areas, in order to present the *aggregate* DBS and Verizon subscriber penetration figures and still maintain the confidential nature of the Verizon subscribership figures for these communities.

of effective competition in each of the 11 Pennsylvania Franchise Areas as of filing date of this  
Petition.

Respectfully submitted,

**Comcast Cable Communications, LLC**  
**on behalf of its subsidiaries and affiliates**

By:   
Frederick W. Giroux

**Davis Wright Tremaine, LLP**  
1919 Pennsylvania Avenue, N.W., Suite 800  
Washington, D.C. 20006  
(202) 973-4200

July 17, 2012

Its Attorneys

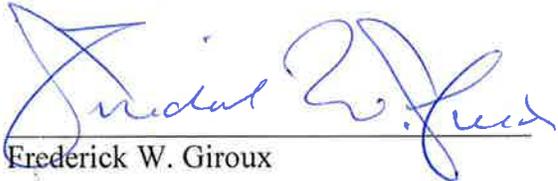
**CERTIFICATION PURSUANT TO 47 C.F.R. § 76.6(a)(4)**

The below-signed signatory has read the foregoing Petition for Special Relief, and to the best of my knowledge, information and belief formed after reasonable inquiry, it is well grounded in fact and is warranted by existing law or a good faith argument for the extension, modification or reversal of existing law; and is not interposed for any improper purpose.

Respectfully submitted,

**Comcast Cable Communications, LLC  
on behalf of its subsidiaries and affiliates**

By:

  
Frederick W. Giroux

**Davis Wright Tremaine LLP**  
1919 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, DC 20006  
(202) 973-4200

July 17, 2012

**DECLARATION OF WARREN FITTING**

I, Warren Fitting, declare, under penalty of perjury that:

1. I am the Senior Director of Regulatory Accounting for Comcast Cable Communications, LLC ("Comcast").
2. I have read the foregoing Petition for Special Relief ("Petition") and am familiar with the contents thereof and the matters referred to therein.
3. I have reviewed Comcast's respective cable subscriber numbers for the Franchise Areas at issue in this Petition, the DBS subscriber numbers provided by SBCA for the individual Franchise Areas, and the Verizon subscriber numbers as described in the Petition. Comcast is the largest multichannel video program provider in the Baldwin (Borough), Brentwood, Castle Shannon, Dormont, Elizabeth, Fox Chapel, McCandless, Pittsburgh, Ross, and Whitehall Franchise Areas. In the Baldwin (Township) Franchise Area, the penetration rate for the competing providers, as well as the penetration rate for Comcast, exceeds 15 percent.
4. The facts contained within the Petition are true and correct to the best of my knowledge, information and belief.

July 5, 2012  
Date

Warren D. Fitting  
Warren Fitting

**EXHIBIT 1**

**PSID# 008625**

PA0693	Baldwin Borough
PA1105	Baldwin Township
PA1215	Brentwood
PA0698	Castle Shannon
PA1106	Dormont
PA0525	Elizabeth
PA1228	Fox Chapel
PA0709	McCandless
PA1855	Pittsburgh
PA0714	Ross
PA0889	Whitehall

**EXHIBIT 2**

REDACTED - FOR PUBLIC INSPECTION


**PREMIER** package  
 285+ digital channels

Print channels for ZIP Code 17303 (No locals available)

PRINT

## EN ESPAÑOL

ONCE México*	447	V-me*	440	mun2	410
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## NATIONALS

3net (HD)	HD 107	Disney Channel (West)	291	Hope*	368	RFD TV	345
A&E	HD 265	Disney XD	HD 292	INSP	364	ReelzChannel	238
ABC Family	HD 311	Documentary Channel	267	ION Television	305	SOAPnet	262
American Movie Classics (AMC)	HD 254	E! Entertainment	236	ION Television West	347	Science Channel	HD 284
Animal Planet	HD 282	ESPN	HD 206	Independent Film Channel (IFC)	559	ShopNBC	316
Audience Network	HD 239	ESPN 3D (HD)	HD 106	Investigation Discovery (ID)	285	Speed Channel	HD 607
BBC America	264	ESPN2	HD 209	Jewelry Television	313	Spike	HD 241
BYU TV	374	ESPNEWS	HD 207	Jewish Life Television*	366	Style	235
Big Ten Network	HD 610	ESPNU	HD 208	Lifetime	HD 252	Syfy Channel	HD 244
Biography Channel	HD 266	EWTN	370	Lifetime Movie Network	253	TBS	HD 247
Black Entertainment Television (BET)	HD 329	Enlace Christian Television*	448	LinkTV	375	TCT Network	377
Bloomberg Television	353	FUEL TV	HD 618	Logo	272	TNT	HD 245
Boomerang	298	FX	HD 248	MHz WORLDVIEW*	2183	TV Guide Network	273
Bravo	HD 237	Food Network	HD 231	MLB Network	HD 213	TV Land	304
CBS Sports Network	HD 613	Fox Business Network	HD 359	MSNBC	HD 356	TV One	328
CCTV-9	2053	Fox Movie Channel	258	MTV	HD 331	TeenNick	303
CMT	HD 327	Fox News Channel	HD 360	MTV2	333	Tennis Channel	HD 217
CNBC	HD 355	Free Speech TV*	348	Military Channel	287	The Hub	294
CNBC World	357	Fuse	339	NASA TV	289	The Learning Channel	HD 280
CNN	HD 202	GEM NET (Global Expansion Media Network)*	2068	NBA TV	HD 216	The Sportsman Channel	605
CSPAN 1	350	GOD TV	365	NFL Network	HD 212	The Word Network	373
CSPAN 2	351	GSN, the network for games	233	NHL Network	HD 215	Travel Channel	HD 277
Cartoon Network (East)	HD 296	Galavision	404	NRB	378	Trinity Broadcasting Network (TBN)	372
Cartoon Network (West)	297	Go!TV HD English	HD 620	Nat Geo WILD	283	TruTV	246
Centric	330	Golden Eagle Broadcasting*	363	National Geographic Channel	HD 276	Turner Classic Movies (TCM)	256
Chiller	257	Golf Channel	HD 218	Nick Jr.	301	USA Network	HD 242
Christian Television Network (CTN)	376	Gospel Music Channel	338	Nickelodeon (East)	HD 299	Univision	402
Church Channel	371	Great American Country	326	Nickelodeon (West)	300	VH1	HD 335
Cloo	308	H2	271	Nicktoons Network	302	VH1 Classic	337
Comedy Central	HD 249	HD Theater	HD 281	OWN	279	Versus	HD 603
Cooking Channel	232	HDNet	HD 306	Ovation TV	274	WE: Women's Entertainment	260
Current TV	358	HITN*	438	Oxygen	251	WGN America	HD 307
DIY Network	230	Hallmark Channel	HD 312	PBS	0	Weather Channel	HD 362
Daystar	369	Headline News	204	PBS Kids Sprout	295	World Harvest Television	367
Discovery Channel	HD 278	History Channel	HD 269	Planet Green	HD 286	n3D	HD 103
Discovery Fit & Health	261	Home & Garden Television (HGTV)	HD 229	Pursuit Channel	608		
Disney Channel (East)	HD 290	Home Shopping Network	240	QVC	275		

## PREMIUMS

5STARMAX HD East	HD 520	FLIX ON DEMAND®	1557	MoreMAX	HD 517	STARZ® ON DEMAND	1527
@MAX HD East	HD 523	FOX Deportes	624	Outdoor Channel	606	Showtime Beyond HD	HD 550
ActionMAX HD	HD 519	Flix	557	SHOWTIME	HD 545	Showtime Next HD	HD 551
Cinemax East	HD 515	Fox Soccer Channel	HD 619	SHOWTIME (West)	HD 546	Showtime Women HD	HD 552
Cinemax West	HD 516	Go!TV	620	SHOWTIME 2	HD 547	Sundance Channel	558
ENCORE (East)	HD 535	HBO (East)	HD 501	SHOWTIME Extreme	HD 549	Sundance ON DEMAND	1558
ENCORE (West)	536	HBO (West)	HD 504	SHOWTIME ON DEMAND	1545	THE MOVIE CHANNEL™ ON DEMAND	1554
ENCORE Action	541	HBO 2 (East)	HD 502	SHOWTIME Showcase	HD 548	TMC Xtra HD East	HD 556
ENCORE Drama	540	HBO 2 (West)	505	STARZ (East)	HD 527	TVG - The Interactive Horseracing Network	602
ENCORE Family	542	HBO Comedy HD	HD 506	STARZ (West)	HD 528	The Movie Channel (East)	HD 554

PREMIUMS			
ENCORE Love	537	HBO Family (East)	HD 507
ENCORE Suspense	539	HBO Family (West)	508
ENCORE Westerns	538	HBO Latino	HD 511
ENCORE ON DEMAND	1535	HBO Signature	HD 503
ESPN Classic Sports	614	HBO Zone HD	HD 509
STARZ Cinema HD	HD 531	STARZ Comedy HD	HD 526
STARZ Edge	HD 529	STARZ InBlack	HD 530
STARZ Kids & Family HD	HD 525	The Movie Channel (West)	555
		ThrillerMAX HD	HD 522
		WMAX HD East	HD 521
REGIONAL SPORT NETWORKS			
Altitude Sports & Ent. 681	HD 681	FS Arizona	HD 686
Altitude Sports Alternate 682	HD 682	FS Cincinnati	HD 661
CSN Bay Area	HD 696	FS Detroit	663
CSN Bay Area Alternate 697	HD 697	FS Detroit Plus	HD 664
CSN California	HD 698	FS Florida	HD 654
CSN California alt 699	699	FS Florida Plus	HD 655
CSN Chicago Alt. #2	667	FS Midwest	HD 671
CSN MidAtlantic Alt.	HD 643	FS North	HD 668
CSN MidAtlantic 642	HD 642	FS Ohio	HD 660
CSN New England 630	HD 630	FS South	HD 646
Comcast SportsNet Chicago 665	HD 665	FS South Plus	HD 647
FS South Plus (Z)	HD 648	FS Southwest	HD 676
FS Southwest Plus	HD 677	FS Southwest Plus	HD 677
FS West	HD 692	FS West	HD 692
MASN 640	HD 640	MASN 640	HD 640
MSG Plus 635	HD 635	MSG Plus 635	HD 635
Madison Square Garden 634	HD 634	Madison Square Garden 634	HD 634
NESN 628	HD 628	NESN 628	HD 628
Prime Ticket	HD 694	Prime Ticket	HD 694
ROOT SPORTS Northwest	HD 687	ROOT SPORTS Northwest	HD 687
ROOT SPORTS Pittsburgh	HD 659	ROOT SPORTS Pittsburgh	HD 659
ROOT SPORTS Rocky Mountain	HD 683	ROOT SPORTS Rocky Mountain	HD 683
SportSouth	HD 649	SportSouth	HD 649
SportSouth Plus	HD 650	SportSouth Plus	HD 650
SportsNet New York 639	HD 639	SportsNet New York 639	HD 639
SportsTime Ohio 662	HD 662	SportsTime Ohio 662	HD 662
Sun Sports	HD 653	Sun Sports	HD 653
Sun Sports Plus	HD 656	Sun Sports Plus	HD 656
Yankee Ent. & Sports (YES) 631	HD 631	Yankee Ent. & Sports (YES) 631	HD 631
SATELLITE RADIO			
SONICTAP: 60's Revolution	803	SONICTAP: College Rock	831
SONICTAP: 70's Hits	804	SONICTAP: Dance	859
SONICTAP: 8-Tracks	840	SONICTAP: Familiar Favorites	880
SONICTAP: 80's Hits	805	SONICTAP: Fiesta Tropical	870
SONICTAP: 90's Hits	806	SONICTAP: Flashback/New Wave	839
SONICTAP: Adult Alternative	832	SONICTAP: Folk Rock	813
SONICTAP: Adult Contemporary	821	SONICTAP: Full Metal Jacket	830
SONICTAP: Alternative	834	SONICTAP: Gospel Glory	827
SONICTAP: Bailamos!	869	SONICTAP: Great Standards	855
SONICTAP: Be-Tween	867	SONICTAP: Groove Lounge	824
SONICTAP: Beautiful Instrumentals	820	SONICTAP: Hair Guitar	829
SONICTAP: Big Band/Swing	801	SONICTAP: Hallelujah	828
SONICTAP: Bluegrass	812	SONICTAP: Hit Country	809
SONICTAP: Blues	854	SONICTAP: Holidays & Happenings	815
SONICTAP: Carnaval Brasileiro	877	SONICTAP: Honky Tonk Tavern	811
SONICTAP: Classic Hits Blend	837	SONICTAP: Hot Jamz	825
SONICTAP: Classic Jazz Vocal Blend	850	SONICTAP: Hottest Hits	818
SONICTAP: Classic R&B	842	SONICTAP: Hurbano	875
SONICTAP: Classic Rock	833	SONICTAP: Hype	847
SONICTAP: Classic Rock Workout	862	SONICTAP: Ink'd	835
SONICTAP: Coffeehouse Rock	848	SONICTAP: Irish	883
SONICTAP: Italian Bistro Blend	881	SONICTAP: Italian Contemporary	882
SONICTAP: Italian Contemporary	882	SONICTAP: Jazz	852
SONICTAP: Jazz	852	SONICTAP: Latin Hits	871
SONICTAP: Latin Hits	871	SONICTAP: Latin Jazz	879
SONICTAP: Latin Jazz	879	SONICTAP: Light Classical	866
SONICTAP: Light Classical	866	SONICTAP: Love Songs	819
SONICTAP: Love Songs	819	SONICTAP: Malt Shop Oldies	802
SONICTAP: Malt Shop Oldies	802	SONICTAP: Mariachi	876
SONICTAP: Mariachi	876	SONICTAP: Metro Blend	853
SONICTAP: Metro Blend	853	SONICTAP: Modern Country	814
SONICTAP: Modern Country	814	SONICTAP: Modern Workout	860
SONICTAP: Modern Workout	860	SONICTAP: Musica De Las Americas	872
SONICTAP: Musica De Las Americas	872	SONICTAP: New Age	856
SONICTAP: New Age	856	SONICTAP: Old School Funk	844
SONICTAP: Old School Funk	844	SONICTAP: PUMP!	861
SONICTAP: PUMP!	861	SONICTAP: Piano	865
SONICTAP: Piano	865	SONICTAP: Rat Pack	807
SONICTAP: Rat Pack	807	SONICTAP: Reality Bites	838
SONICTAP: Reality Bites	838	SONICTAP: Red, Rock and Blues	810
SONICTAP: Red, Rock and Blues	810	SONICTAP: Reggae	863
SONICTAP: Reggae	863	SONICTAP: Regional Mexican	873
SONICTAP: Regional Mexican	873	SONICTAP: Retro Disco	845
SONICTAP: Retro Disco	845	SONICTAP: Rock en Espanol	878
SONICTAP: Rock en Espanol	878	SONICTAP: Salsa	874
SONICTAP: Salsa	874	SONICTAP: Showtunes	823
SONICTAP: Showtunes	823	SONICTAP: Silky Soul	843
SONICTAP: Silky Soul	843	SONICTAP: Silver Screen	822
SONICTAP: Silver Screen	822	SONICTAP: Singer-Songwriters	836
SONICTAP: Singer-Songwriters	836	SONICTAP: Smooth Jazz	851
SONICTAP: Smooth Jazz	851	SONICTAP: Soft Hits	849
SONICTAP: Soft Hits	849	SONICTAP: Spike	841
SONICTAP: Spike	841	SONICTAP: SubTerranean	858
SONICTAP: SubTerranean	858	SONICTAP: Symphonic	864
SONICTAP: Symphonic	864	SONICTAP: The Boombox	846
SONICTAP: The Boombox	846	SONICTAP: The Playground	868
SONICTAP: The Playground	868	SONICTAP: The Spirit	826
SONICTAP: The Spirit	826	SONICTAP: Today's Hits	816
SONICTAP: Today's Hits	816	SONICTAP: Traditional Country	808
SONICTAP: Traditional Country	808	SONICTAP: Tranquility	884
SONICTAP: Tranquility	884	SONICTAP: Y2k Hits	817
SONICTAP: Y2k Hits	817	SONICTAP: Zen	857
SONICTAP: Zen	857		
LOCALS			
WGAL (NBC)	HD 8	WHTM (ABC)	HD 27
WHP (CBS)	HD 21	WITF (PBS)	HD 33
WLYH (CW)	15	WPMT (FOX)	HD 43

\*The following channels require a special dish or equipment: MHz, GEM NET, Hope Channel, JLTV, Once, HITN, V-Me, Enlace, Golden Eagle Broadcasting, and Free Speech TV. Please call 1-800-531-5000 for more information.

# Channels & Packages

## DISH Network

AVAILABLE TO ALL CUSTOMERS

BEST	Best	219	PREM	Free Preview Guide	102
LOGH	Liquidation Channel	274	DISN		104
EARTH	DISH Earth	287	ONFPV	Pay-Per-View Studio	600
DW101	DISH 101	301	DISN		113
HOME	DishHOME	100			

## DISH FAMILY

Featuring the best family-friendly programming!

ALIVE	America Live	219	HMC	Hallmark Movie Channel	167
ANGEL	Angel One	282	DISN		104
ANGL2	Angel Two	266	HSN	HSN	84
APL	Animal Planet	184	DISN		261
B10	B10	118	HUB	Hub	179
BTV	Bloomberg Television	213	DISN		213
BOOM	Boomerang	175	INSPI	Inspiration Network	259
BUY1	Buy!	221	DISN		104
CBSSN	CBS Sports Network	182	JTV	Jewelry Television	227
CGTVE	CGTV-E	183	DISN		104
CGNEW	CCTV-News	265	NICK	Nick/Nick at Nite (E)	170
GOOK	Cooking Channel	119	DISN		104
CSPW2	C-SPAN2	211	NICKT	Nicktoons Network	178
DYSTR	Discovery	288	DISN		104
DIY	DIY	111	OVC	OVC	137
DOC	Documentary Channel	187	DISN		104
FOOD	Food Network	110	SALE	Sale	225
FXNWS	FOX News Channel	205	DISN		104
FSG	FOX Soccer Channel	408	SHOP	shop	224
GEMS	Gems and Jewelry	228	DISN		104
GAC	Great American Country (GAC)	167	TLND	TV Land	106
HLMRK	Hallmark Channel	145	DISN		104

## Sports Networks

ALTUD	Altitude Sports & Entertainment	410	FOXOH	Fox Sports Ohio	425
GSTM0	Cox Sports Television New Orleans	421	PRIME	Fox Sports Prime Ticket	411
CSNBA	Comcast SportsNet Bay Area	418	FOXS	Fox Sport South	420
CSNCA	Comcast SportsNet California	403	FOXSW	Fox Sports Southwest	417
CSNCH	Comcast SportsNet Chicago	429	FOXW	Fox Sports West	414
CSNMA	Comcast SportsNet Mid-Atlantic	424	FUEL	FUEL TV	338
CSNNE	Comcast SportsNet New England	435	WASN	Mid-Atlantic Sports Network	432
ESPOL	ESPN Classic*	143	MASN2	Mid-Atlantic Sports Network Atlanta	433
FSC	Fox Soccer Channel	406	NESH	New England Sports Network	434
FOXS+	Fox Soccer Plus**	407	PERZ	HFU Zone	426
FOXAZ	Fox Sports Arizona	415	RTNW	ROOT Sports Northwest	425
FOXGN	Fox Sports Cincinnati	417	RPT	ROOT Sports Pittsburgh	418
FOXO	Fox Sports Detroit	430	RTRM	ROOT Sports Rocky Mountain	414
FOXFL	Fox Sports Florida	423	SESOUL	Sports Illustrated	417
FOXAW	Fox Sports Midwest	416	STO	SportTime Ohio	431
FOXN	Fox Sports North	438	SUN	Sun Sports	412

**HD** - Channels are broadcast in both SD & HD unless indicated as "HD only." You must have an HD television to view channels in high definition.  
**BOLD** - Channels in bold are some of our most popular channels. **SAP** - FREE Spanish audio feed available. Audio depends on service. Available on select HD channels. No audio available on audio for certain HD channels. No audio available on audio for certain HD channels.  
 Availability of Regional Sports Networks based on geographical location and programming package subscription. Only available with Multi-Sport Pack. \*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY. \*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY. \*\*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY. \*\*\*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY. \*\*\*\*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY. \*\*\*\*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY.  
 All programming subject to change without notice. \*\*Requires additional fees to view. (Cable number or channel number in HD.)  
 \*In Public Internet programming availability, which is available to subscribers and programming package. Purchase of a second dish receiver may be required. \*\*Available to all HD Dish Network customers. \*\*\*HD feed available to all HD Dish Network customers. \*\*\*\*Available to all HD Dish Network customers. \*\*\*\*\*Available to all HD Dish Network customers.  
 \*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY. \*\*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY. \*\*\*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY. \*\*\*\*\*Available in CA, HI, IL, IN, MI, MN, NY, OH, PA, VA, WA, WI, WY.

## Blockbuster Movie Pass

Includes Blockbuster by mail. Some restrictions apply. For more information visit [dish.com/blockbuster](http://dish.com/blockbuster).

CTRC	Centric	HD 371	MGM	MGM	HD 385
CI	Crime & Investigation	HD 366	MPLS	MPLS	HD 385
ESUSP	Enema Suspense	344	PLDIA	Palladia	HD 369
EPIX1	EPIX sap	HD 380	PRK	PRK	HD 379
EPIX2	EPIX2 sap	HD 381	RETRG	RetroPix	HD 379
HMC	Hallmark Movie Channel	HD 187	SONY1	Sony Channel (E) sap	HD 353
HDTHR	HD Theater	HD 384	SONY2	Sony Channel (E) sap	353
HOHMY	HDNet Movies	HD 383	SUNIK	Sunrise	HD 386
INDIE	IndiePix	HD 378	UNHD	Universal HD	HD 386
LOGO	LOGO	HD 373	WFRN	World's Finest Network	HD 386
MAVTV	MovTV	HD 381			

## Premium Movie Packages

Some HD channels only available in HD.

HBO	HBO (E) sap	HD 300	MAX-E	Comcast (E) sap	HD 310
HBOE	HBO2 (E) sap	HD 301	MAXW	Comcast (W) sap	HD 311
HBOQG	HBO Signature sap	HD 302	MOHAX	MotorMax sap	312
HBO-W	HBO (W) sap	HD 303	PARMA	Paramount	HD 314
HBO2W	HBO2 (W) sap	304	5-MAX	5-StarMAX sap	HD 314
HBOFM	HBO Family sap	HD 307	<b>SHOWTIME</b>		
HBOCY	HBO Comedy sap	HD 308	SHO-E	Showtime (E) sap	HD 318
HBOZ	HBO Zone-4th day	HD 306	SRQWA	Showtime (W) sap	HD 320
HBOLT	HBO Latino	HD 308	SHOTO	Showtime 2 sap	HD 320
<b>starz</b>					
ENGOR	Encore (E) sap	HD 340	SHOES	Showtime Extreme sap	321
STARZ	Starz (E) sap	HD 350	SBTND	Showtime Beyond	HD 321
STRZW	Starz (W) sap	HD 351	TMC-E	The Movie Channel (E) sap	HD 321
SEDEG	Starz Edge sap	HD 352	TMOXE	The Movie Channel (E) sap	331
SCINE	Starz Cinema sap	HD 353	FLUX	FLUX	331
STZG	Starz Comedy	HD 354			
SBLCK	Starz InBlack sap	355			
SK&FM	Starz Kids & Family sap	HD 356			

## DISH Cinema and Pay-Per-View Sports & Events

MOVIE	DISH Cinema	109, 600-668
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WE CAN ANSWER YOUR QUESTIONS ONLINE:

- [dish.com/supportcenter](http://dish.com/supportcenter)
- [facebook.com/dishnetwork](http://facebook.com/dishnetwork)
- [twitter.com/dishnetwork](http://twitter.com/dishnetwork)

- YOU CAN ALSO FIND ANSWERS HERE:
- Receiver Users Guide
  - Channel 100 - DishHOME Programming
  - DISH 101 - Support Channel (E) HD
  - Customer Support 1-800-338-DISH (E) HD

Connect your receiver to broadband Internet or a phone line to get more out of your DISH service. For more info visit [dish.com/getconnected](http://dish.com/getconnected).



# Channels & Packages

## America's Top 120 with HD

America's Top 120 includes channels listed below. HD indicates channels available in both standard and high definition, except where noted as HD only.

A&E	HD	118	ION (E)	216
ABC Family	180	IONW	217	
ALIVE	219	JTV	Jewelry Television	227
ANGEL	262	LIFE	LIFE Television	HD 103
ANGL	266	MALL	Mall	220
BTV	3602	MTV	MTV	HD 160
BUY	221	MTV2	MTV2	161
TOON	HD 176	NICK	NICK (G) & NICK (E)	HD 170
TOONW	177	NICKW	Nick/Nick at Nite (W)	171
CTVE	884	QVC	QVC	HD 187
CNEW	265	REELZ	ReelzChannel	239
CHRCH	268	SHOP	shop	224
CMT	HD 166	SON	SON (E) & SON (W)	226
CNBC	HD 208	SBN	SonLife Broadcasting Network	257
CHN	HD 200	SPR	Spirit TV	HD 168
COMDY	HD 107	SYFY	Syfy	HD 122
CSPW2	211	TBS	TBS	HD 133
DVSTR	263	TLC	TLC	HD 183
DISG	HD 182	TNT	TNT	HD 132
DISE	172	TRV	Travel Channel	HD 196
DISW	173	TVCAN	TV Guide Network	117
DOC	167	TVLN	TV Land	HD 182
E!	HD 114	USA	USA	HD 105
ESPN	HD 140	WHL	WHL	HD 182
ESPN2	HD 144	WNCN	Weather Channel	HD 214
ESNWS	141	Plus Unified Music Channels		930-931
ESPU	HD 110	Christian	Christian	975
FOX News Channel	HD 205	Classical	Classical	970-978
FX	HD 136	Country	Country	951-952
GENS	228	Electronica & Dance	Electronica & Dance	968-969
HONET	HD 362	Family & Kids	Family & Kids	976
HGTV	HD 112	Hip-Hop/R&B	Hip-Hop/R&B	988
HIST	HD 120	Jazz & Blues	Jazz & Blues	962, 967, 968, 978
HLN	HD 202	Latin & International	Latin & International	981
HRTV	494	Pop	Pop	950, 955, 956, 965
HSN	84	Rock	Rock	943, 944, 947, 959, 951, 962, 970, 960
HSW2	220	Standards	Standards	964, 974
ICTV	230			
INSP	259			

## Local Networks channel range 2-70

ALMA	9413	KBS	KBS World	9850
BABY	9401	LINK	LinkTV	9410
BYUTV	9403	PITGN	Pentagon Channel	9405
CTN	9407	IMPET	The Impact Network	9397
ARTS	9408	UCV	University of California TV	9412
CSPAN	9409			
EWTN	201			
FSTV	9411			
HHS	9402			
HITN	9412			

Channels in bold are some of our most popular channels. Available on select HD channels. No sold, disposable on-broad for satellite HD. SD - FREE Spanish audio feed available. Audio description on request. HD - You must subscribe to the HD package to receive the HD feed. Channels are broadcast in both SD & HD unless indicated as HD only. You must have an HD television to view channels in HD. All programming subject to change without notice.

## America's Top 230 with HD

America's Top 230 includes all of America's Top 120 plus the channels listed below. HD indicates channels available in both standard and high definition.

AMC	AMC	Animal Planet	HD 130
APL	BBC America	BET	HD 135
BBCA	Big Ten Network	Bravo	HD 139
BIG10	CBS Sports Network	Current TV	HD 152
BRAVO	Disney XD	64	74
CRSSN	Golokation	Golf Channel	HD 213
CURNT	GSN	Hallmark Channel	HD 118
DISXD	IFC	Investigation Discovery	HD 131
64	Lifetime Movie Network	MLB Network	HD 109
GLVSN	msnbc	NBA TV	HD 156
GOLF	National Geographic Channel	NFL Network	HD 157
HLMNRK	NBA TV	NHL Network	HD 157
IFC	Nick Jr.	Novo TV	159
ID	Ovation	OWN: Oprah Winfrey Network	HD 189
LMN	Oxygen	RFD-TV	HD 231
MLBN	SOAPnet	SPEED	HD 150
MSNBC	Style	Telemick	181
MTGED	TeleFutura (E)	Turner Classic Movies	HD 272
NBA TV	TruTV	Univision (E)	HD 132
NFL	Turner Classic Movies	Univision (W)	828
NHLN	WE-TV	WGN America	HD 239
NKJR	WGN America	Classical	6063, 6064
NOVO	Country	Electronica & Dance	6055, 6058-6061
OVATN	Hip-Hop/R&B	Jazz & Blues	6044-6049
OWN	Latin & World	Pop	6000
OXYGN	Rock	Standards	6015-6042
RFDTV	Christian	Classical	6002-6009
SOAP	Country	Country	6055, 6058-6061
SPEED	Electronica & Dance	Hip-Hop/R&B	6044-6049
STYLE	Jazz & Blues	Latin & World	6000
TRCK	Pop	Rock	6015-6042
TRAE	Standards		
FTRAW			
TRU			
TCM			
UNVSN			
UNVSW			
WE			
WGN			

Plus SiriusXM Music Channels	6002-6009
Classical	6063, 6064
Country	6055, 6058-6061
Electronica & Dance	6044-6049
Hip-Hop/R&B	6000
Jazz & Blues	6015-6042
Latin & World	6000
Pop	6015-6042
Rock	6015-6042

Attention: For the most up-to-date information on channel availability, please visit our website.

## America's Top 250 with HD

America's Top 250 includes all of America's Top 230 plus the channels listed below. HD indicates channels available in both standard and high definition, except where noted as HD only.

BIO	Bloomberg Television	HD 119
BTV	Bloomberg	HD 203
BOON	Boomerang	175
CHLR	Chiller	199
CLBO	CNBC World	HD 207
CNBCW	Cooking Channel	HD 113
COOK	DIY	HD 111
DIY	Encore (E)	HD only
ENCOR	Encore (W)	HD 343
ENCRV	Encore Action	343
EAGT	Encore Drama	343
EDRAM	Encore Family	347
ENFAM	Encore Live	343
ELOVE	Encore Suspense	344
ENRST	Encore Westerns	342
ENWSP	Fox Business Network	HD 206
FOXG	Fox Movie Channel	HD 133
FOXMO	Fox Soccer Channel	HD 406
FSC	FUEL TV	398
FUEL	gmc	188
GMC	Great American Country (GAC)	121
GAC	H2	HD 187
H2	Hallmark Movie Channel	HD 178
HMG	Hub	193
HUB	Military Channel	377
MIL	MoviePlex	395
MPLX	mun2	HD 190
MUR2	Net Geo WILD	HD 178
RATW	Nickelodeon Network	356
NICKT	Outdoor Channel	184
OTCC	Piafnet (Spain)	HD 183
GREER	Science	HD 400
SCI	Sportsman Channel	HD 320
SPMAN	Tennis Channel	330
TENS	The Movie Channel (M)	HD 320
TMC-W	The Movie Channel Extra (W)	HD 320
TMCWY	The Three from EFX	218
EPIX3	Veris	HD 151
VERIA	Veris	HD 163
VS.	VH1 Classic	923-946
VH1C	VH1 Classic	923-946

Plus SiriusXM Music Channels	6002-6009
Country	6063, 6064
Electronica & Dance	6055, 6058-6061
Hip-Hop/R&B	6044-6049
Jazz & Blues	6000
Latin & International	6015-6042
Pop	6015-6042
Rock	6015-6042
Standards	6015-6042

Attention: For the most up-to-date information on channel availability, please visit our website.

**EXHIBIT 3**

# CHANNEL Line-Up

REDACTED - FOR PUBLIC INSPECTION

## LIMITED BASIC SERVICE\*\*

- 2 C-SPAN
- 4 WINP-16 (ION Pittsburgh)
- 5 WPCB-40 (Cornerstone TV)
- 6 KDKA-2 (CBS Pittsburgh)
- 7 WPGH-53 (FOX Pittsburgh)
- 8 WTAE-4 (ABC Pittsburgh)
- 9 WQED-13 (PBS Pittsburgh)
- 10 WPMY-22 (My Network TV Pittsburgh)
- 11 JTV
- 12 WPXI-11 (NBC Pittsburgh)
- 13 City Channel Pittsburgh
- 14 Municipal Services
- 15 WPCW-19 (CW Pittsburgh)
- 16 The Weather Channel
- 19 WGN
- 20 QVC
- 21 PCTV
- 89 ShopNBC
- 95 Christian Associates
- 96 Radar Weather
- 99 HSN
- 182 TV Guide Network
- 184 EWTN
- 190 Digital Leased Access
- 199 WQED Showcase
- 200 WQED Create
- 201 WQED The Neighborhood
- 204 WTAE This TV
- 205 WPMY Cool TV
- 207 WPXI ME TV
- 208 WPGH The Country Network

## DIGITAL STARTER\*\*,◆

- 001 ON DEMAND
- 23 TBS

- 24 MTV
- 25 USA
- 26 Nickelodeon
- 27 ESPN
- 28 ESPN 2
- 29 Root Sports
- 30 NBC Sports Network
- 31 Golf Channel
- 32 CNN
- 33 Headline News
- 34 Fox News Channel
- 35 PCNC
- 36 CNBC
- 37 TLC
- 38 ABC Family
- 39 Cartoon Network
- 40 Disney Channel
- 41 A&E
- 42 Lifetime
- 43 Spike
- 44 VH1
- 45 E!
- 46 History
- 47 AMC
- 48 PCN
- 49 Food Network
- 50 Animal Planet
- 51 HGTV
- 52 TNT
- 53 TCM
- 54 Comedy Central
- 55 FX
- 56 BET
- 57 TV Land
- 58 Travel Channel
- 59 style.
- 61 Discovery Channel
- 72 Big Ten Network
- 105 C-SPAN 3
- 111 Investigation Discovery
- 114 BBC America
- 115 bio.

- 116 H2
- 119 LMN
- 127 Syfy
- 128 PBS Kids Sprout
- 149 MoviePlex
- 162 G4
- 171 Hallmark Movie Channel
- 175 Bravo
- 177 Oxygen
- 178 Bloomberg Television
- 179 GSN
- 183 MSNBC
- 185 truTV
- 186 C-SPAN 2
- 187 Hallmark Channel
- 188 TCN
- 191 JTV
- 192 Big Ten Network
- 280 ShopNBC
- 290 TBN
- 294 The Word Network
- 297 Daystar

## DIGITAL MUSIC★

Channels 401-446

## DIGITAL PAY-PER-VIEW★

- 500 PPV Previews
- 501 PPV Events
- 502 PPV Events Replay
- 503 PPV Movies
- 506 Penthouse
- 544 Playboy
- 545 Juicy
- 546 REAL
- 548 TEN
- 701-706 Sports PPV
- 751-760 NBA Games
- 771-784 NHL/MLB Games

## DIGITAL PREFERRED★

- 101 Weatherscan Local
- 102 ESPNews
- 103 OWN
- 104 Discovery Fit & Health
- 106 Fox Business
- 107 Current
- 109 National Geographic
- 110 The Science Channel
- 112 Military Channel
- 113 Planet Green
- 117 WE tv
- 118 National Geographic Wild
- 120 SOAPNet
- 121 DIY
- 122 Cooking Channel
- 123 Smithsonian Channel
- 125 qubo
- 129 Nicktoons
- 130 Hub
- 131 Nick Jr.
- 132 Nick2
- 133 TeenNick
- 134 Encore Family
- 135 Disney XD
- 136 ION Life
- 139 MTV Hits
- 140 MTV 2
- 141 MTV Tr3s
- 142 MTV Jams
- 143 VH1 Classic
- 144 VH1 Soul
- 145 CMT Pure Country
- 146 CMT
- 147 GAC
- 148 Fuse
- 150 Encore
- 152 Encore Action
- 153 Sportsman Channel
- 154 Encore Suspense
- 155 Ovation

- 156 Encore Love Stories
- 158 Encore Drama
- 160 Encore Westerns
- 161 Reelz
- 163 Logo
- 164 IFC
- 165 Sundance Channel
- 167 IndiePlex
- 168 RetroPlex
- 170 Flix
- 173 TV One
- 176 Nuvo TV
- 180 NFL Network
- 181 MLB Network
- 189 GMC
- 259 Horse Racing TV
- 266 ESPNU
- 270 Outdoor Channel
- 273 NBA TV
- 274 CBS Sports Network
- 275 NFL Network
- 276 NHL Network
- 289 RLTV
- 292 Halogen
- 561 Univision
- 563 Telefutura
- 565 Telemundo
- 566 Galavision (ALT)
- 567 Galavision
- 749 NBA TV

## DIGITAL PREMIUM★

- 301 HBO
- 302 HBO2
- 303 HBO Signature
- 304 HBO Family
- 305 HBO Comedy
- 310 HBO Zone
- 320 Cinemax
- 321 MoreMAX
- 324 ActionMAX
- 325 ThrillerMAX

- 335 Showtime Women
- 336 Showtime Family
- 337 Showtime Next
- 340 Showtime
- 341 Showtime 2
- 342 Showtime Showcase
- 347 Showtime Extreme
- 350 The Movie Channel
- 352 TMC Xtra
- 370 Starz
- 371 Starz Edge
- 372 Starz InBlack
- 373 Starz Kids & Family
- 374 Starz Cinema
- 375 Starz Comedy
- 544 Playboy
- 655 RTN-Russian
- 665 TV Asia-South Asian
- 666 Zee TV-Hindi
- 667 Neo Cricket
- 679 RAI-Italian

## SPORTS ENTERTAINMENT PACK★

- 102 ESPNews
- 159 Crime & Investigation Network
- 169 Military History Channel
- 172 Fox Movie Channel
- 174 Centric
- 180 NFL Network
- 181 MLB Network
- 259 Horse Racing TV
- 260 TVG Network
- 262 FCS Atlantic
- 263 FCS Central
- 264 FCS Pacific
- 265 ESPN Classic
- 266 ESPNU
- 267 Fox Soccer Channel
- 268 Gol TV



HDTV CHANNELS\*

300	HBO HD^	848	NBC Sports Network HD°
319	Cinemax HD^	849	Golf Channel HD°
339	Showtime HD^	850	ESPN HD°
351	TMC HD^	851	ESPN2 HD°
369	Starz! HD^	852	ESPNews HD° or **
785	PPV HD°	853	ESPNU HD° or **
787	PPV NBA Games HD°	854	CBS Sports Network HD° or **
789/790	PPV NHL/MLB Games HD°	855	Big Ten Network HD°
798	TBN HD°	857	Speed HD°
799	EWTN HD°	858	NHL Network HD° or **
802	KDKA-2 HD (CBS Pittsburgh)	859	MLB Network HD° or **
803	WPGH-53 HD (FOX Pittsburgh)	860	NFL Network HD° or **
804	WTAE-4 HD (ABC Pittsburgh)	861	NFL RedZone HD°
805	WPCB-40 HD (Cornerstone TV)	862	Tennis Channel HD°
806	QVC HD°	863	NBA TV HD° or **
808	WPCW-19 HD (CW Pittsburgh)	864	Outdoor Channel HD° or **
809	HSN HD°	865	TV One HD**
811	WPXI-11 HD (NBC Pittsburgh)	866	BET HD°
812	WPMY-22 HD (MY Network TV Pittsburgh)	867	G4 HD°
813	WQED-13 HD (PBS Pittsburgh)	868	Animal Planet HD°
815	The Weather Channel HD°	869	Discovery Channel HD°
816	Headline News HD°	870	Velocity°
817	CNN HD°	871	National Geographic HD**
818	MSNBC HD°	872	Science Channel HD**
819	CNBC HD°	873	Planet Green HD**
820	Fox News Channel HD°	874	bio. HD°
821	Fox Business HD**	875	History HD°
822	Universal HD°	876	H2 HD°
823	USA HD°	877	Disney XD HD**
824	FX HD°	878	Cartoon Network HD°
825	TNT HD°	879	Nickelodeon HD°
826	TBS HD°	880	Disney Channel HD°
827	Spike HD°	881	ABC Family HD°
828	Comedy Central HD°	882	Palladia°
829	Syfy HD°	883	CMT HD**
830	Hallmark HD°	884	MTV HD°
831	A&E HD°	885	Fuse HD**
832	Bravo HD°	886	VH1 HD°
833	E! HD°	887	GMC HD**
834	style. HD°	889	AMC HD°
835	Lifetime HD°	890	TCM HD°
836	WE tv HD**	891	Encore HD**
837	TLC HD°	892	MGM HD**
838	HGTV HD°	893	IFC HD**
839	Food Network HD°	894	Hallmark Movie Channel HD°
840	Travel Channel HD°	895	LMN HD°
841	truTV HD°	899	Investigation Discovery HD°
843	Root Sports HD°	900	Crime & Investigation Network HD°
		915	Smithsonian Channel HD**
		917	Sportsman Channel HD**
		946	Ovation HD**
		980	ESPN 3D°

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- ◆ Included on Digital Preferred.
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- ^ Requires subscription to corresponding premium channel.
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- \*\* Digital Equipment required.
- ★ Digital Converter or CableCard required.
- Requires subscription to Sports Entertainment Pack.



**HDTV CHANNELS\***

300	HBO HD°	848	NBC Sports Network HD°
319	Cinemax HD°	849	Golf Channel HD°
339	Showtime HD°	850	ESPN HD°
351	TMC HD°	851	ESPN2 HD°
369	Starz! HD°	852	ESPNNews HD° or **
785	PPV HD°	853	ESPNU HD° or **
787	PPV NBA Games HD°	854	CBS Sports Network HD° or **
789/790	PPV NHL/MLB Games HD°	855	Big Ten Network HD°
798	TBN HD°	857	Speed HD°
799	EWTN HD°	858	NHL Network HD° or **
802	KDKA-2 HD (CBS Pittsburgh)	859	MLB Network HD° or **
803	WPGH-53 HD (FOX Pittsburgh)	860	NFL Network HD° or **
804	WTAE-4 HD (ABC Pittsburgh)	861	NFL RedZone HD°
805	WPCB-40 HD (Cornerstone TV)	862	Tennis Channel HD°
806	QVC HD°	863	NBA TV HD° or **
808	WPCH-19 HD (CW Pittsburgh)	864	Outdoor Channel HD° or **
809	HSN HD°	865	TV One HD**
811	WPXI-11 HD (NBC Pittsburgh)	866	BET HD°
812	WPMY-22 HD (MY Network TV Pittsburgh)	867	G4 HD°
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834	style. HD°	889	AMC HD°
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841	truTV HD°	899	Investigation Discovery HD°
843	Root Sports HD°	900	Crime & Investigation Network HD°
		915	Smithsonian Channel HD**
		917	Sportsman Channel HD**
		946	Ovation HD**
		980	ESPN 3D°



Effective April 1, 2012

**Castle Shannon/Ross Channel Lineup**



Customer Service is available  
24 hours a day, 7 days a week.

1-800-XFINITY  
xfinity.com

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Channel Lineup subject to change





**HDTV CHANNELS\***

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351	TMC HD°	851	ESPN2 HD°
369	Starz! HD°	852	ESPNNews HD° or **
785	PPV HD°	853	ESPNJ HD° or **
787	PPV NBA Games HD°	854	CBS Sports Network HD° or **
789/790	PPV NHL/MLB Games HD°	855	Big Ten Network HD°
798	TBN HD°	857	Speed HD°
799	EWTN HD°	858	NHL Network HD° or **
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803	WPGH-53 HD (FOX Pittsburgh)	860	NFL Network HD° or **
804	WTAE-4 HD (ABC Pittsburgh)	861	NFL RedZone HD°
805	WPCB-40 HD (Comerstone TV)	862	Tennis Channel HD°
806	OVC HD°	863	NBA TV HD° or **
808	WPCW-19 HD (CW Pittsburgh)	864	Outdoor Channel HD° or **
809	HSN HD°	865	TV One HD**
811	WPXI-11 HD (NBC Pittsburgh)	866	BET HD°
812	WPMY-22 HD (MY Network TV Pittsburgh)	867	G4 HD°
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- Requires subscription to Sports Entertainment Pack.

8993 2000 (8880-9040, 9070-9190)  
 & 8993 2100 (0070-0240, 0470-0680)

PITTS SUB



Effective April 1, 2012

**Pittsburgh Suburbs  
Channel Lineup**



**Customer Service is available  
24 hours a day, 7 days a week.**

1-800-XFINITY  
xfinity.com



CHANNEL Line-Up

LIMITED BASIC SERVICE

2	C-SPAN
4	WINP-16 (ION Pittsburgh)
5	WPCB-40 (Cornerstone TV)
6	KDKA-2 (CBS Pittsburgh)
7	WPGH-53 (FOX Pittsburgh)
8	WTAE-4 (ABC Pittsburgh)
9	WOED-13 (PBS Pittsburgh)
10	WPMY-22 (My Network TV Pittsburgh)
11	JTV**
12	WPXI-11 (NBC Pittsburgh)
13	Local Programming
15	WPCW-19 (CW Pittsburgh)
16	The Weather Channel
19	WGN
20	QVC
29	ShopNBC
99	HSN
182	TV Guide Network**
184	EWTN**
190	Digital Leased Access**
199	WOED Showcase**
200	WOED Create**
201	WOED The Neighborhood**
204	WTAE This TV**
205	WPMY Cool TV**
207	WPXI ME TV**
208	WPGH The Country Network**
001	ON DEMAND
23	TBS
24	MTV
25	USA
26	Nickelodeon
27	ESPN
28	ESPN 2
29	Root Sports
30	NBC Sports Network
31	Golf Channel
32	CNN
33	Headline News
34	Fox News Channel
35	PCNC
36	CNBC
37	TLC
38	ABC Family
39	Food Network
40	Disney Channel
41	A&E
42	Lifetime
43	Spike
47	AMC
51	HGTV
52	TNT
53	History
54	Comedy Central
55	FX
56	BET
57	TV Land
58	Travel Channel
59	VH1
60	E!
61	Discovery Channel
63	truTV
64	TCM
65	Cartoon Network
66	style.
67	Animal Planet
68	Hallmark Channel
72	Big Ten Network
75	JTV
100	PCN
105	C-SPAN 3
111	Investigation Discovery
114	BBC America
115	bio.
116	H2

119	LMN
127	Syfy
128	PBS Kids Sprout
149	MoviePlex
162	G4
171	Hallmark Movie Channel
175	Bravo
177	Oxygen
178	Bloomberg Television
179	GSN
183	MSNBC
185	truTV
186	C-SPAN 2
187	Hallmark Channel
188	TCN
280	ShopNBC
290	TBN
294	The World Network
297	Daystar
<b>DIGITAL MUSIC *</b>	
Channels 401-446	
<b>DIGITAL PAY-PER-VIEW *</b>	
500	PPV Previews
501	PPV Events
502	PPV Events Replay
503	PPV Movies
506	Penthouse
544	Playboy
545	Juicy
548	REAL
548	TEN
701-706	Sports PPV
751-760	NBA Games
771-784	NHL/MLB Games
<b>DIGITAL PREFERRED *</b>	
101	WeatherScan Local
102	ESPNews
103	OWN

104	Discovery Ft & Health
106	Fox Business
107	Current
109	National Geographic
110	The Science Channel
112	Military Channel
113	Planet Green
117	WE tv
118	National Geographic Wild
120	SOAPNet
121	DIY
122	Cooking Channel
123	Smithsonian Channel
125	qubo
129	Nicktoons
130	Hub
131	Nick Jr.
132	Nick2
133	TeenNick
134	Encore Family
135	Disney XD
136	ION Life
139	MTV Hits
140	MTV 2
141	MTV Tr3s
142	MTV Jams
143	VH1 Classic
144	VH1 Soul
145	CMT Pure Country
146	CMT
147	GAC
148	Fuse
150	Encore
152	Encore Action
153	Sportsman Channel
154	Encore Suspense
155	Ovation
156	Encore Love Stories
158	Encore Drama
160	Encore Westerns
161	Reelz

163	Logo
164	IFC
165	Sundance Channel
167	indiePlex
168	RetroPlex
170	Flix
173	TV One
176	Nuvo TV
180	NFL Network
181	MLB Network
189	GMC
259	Horse Racing TV
266	ESPNU
270	Outdoor Channel
273	NBA TV
274	CBS Sports Network
275	NFL Network
276	NHL Network
289	RLTV
292	Halogen
561	Univision
563	Telefuturo
565	Telemundo
566	Galavisión (ALT)
567	Galavisión
749	NBA TV
<b>DIGITAL PREMIUM *</b>	
301	HBO
302	HBO2
303	HBO Signature
304	HBO Family
305	HBO Comedy
310	HBO Zone
320	Cinemax
321	MoreMAX
324	ActionMAX
325	ThrillerMAX
335	Showtime Women
336	Showtime Family
337	Showtime Next

340	Showtime
341	Showtime 2
342	Showtime Showcase
347	Showtime Extreme
350	The Movie Channel
352	TMC Xtra
370	Starz
371	Starz Edge
372	Starz InBlack
373	Starz Kids & Family
374	Starz Cinema
375	Starz Comedy
544	Playboy
655	RTN-Russian
665	TV Asia-South Asian
666	Zee TV-Hindi
667	Neo Cricket
679	RAI-Italian
<b>SPORTS ENTERTAINMENT PACK *</b>	
102	ESPNes
159	Crime & Investigation Network
169	Military History Channel
172	Fox Movie Channel
174	Centric
180	NFL Network
181	MLB Network
259	Horse Racing TV
260	TVG Network
262	FCS Atlantic
263	FCS Central
264	FCS Pacific
265	ESPN Classic
266	ESPNU
267	Fox Soccer Channel
268	Gol TV
270	Outdoor Channel
271	Speed

273	NBA TV
274	CBS Sports Network
275	NFL Network
276	NHL Network
277	Tennis Channel
278	NFL RedZone
749	NBA TV
<b>FAMILY TIER *</b>	
26	Nickelodeon
33	Headline News
39	Food Network
40	Disney Channel
51	HGTV
109	National Geographic
110	The Science Channel
121	DIY
128	PBS Kids Sprout
130	Hub
133	TeenNick
135	Disney XD
290	TBN
<b>DIGITAL ECONOMY VIDEO *</b>	
25	USA
32	CNN
34	Fox News Channel
39	Food Network
40	Disney Channel
41	A&E
42	Lifetime
43	Spike
47	AMC
53	History
54	Comedy Central
56	BET
57	TV Land
60	E!
61	Discovery Channel
65	Cartoon Network

67	Animal Planet
185	truTV
186	C-SPAN 2
187	Hallmark Channel
290	TBN
<b>MULTILATINO **</b>	
561	Univision
563	Telefuturo
565	Telemundo
566	Galavisión (ALT)
567	Galavisión
570	CNN en Español
571	SUR
575	Discovery en Español
577	History en Español
578	infinito
579	HITN
584	Fox Sports Español
585	ESPN Deportes
586	Gol TV
592	Sorpresa
593	Discovery Familia
597	EWTN en Español
598	La Familia
599	TBN Enlace
601	Mexicana
602	Canal 52MX
604	Teleformula
605	Multimedios TV
606	CBTV Michoacan
607	Once TV
608	Canal 22 (Mexico 22)
611	WAPA America
612	TV Dominicana
615	Caracol TV
616	TV Colombia
617	TV Venezuela
618	TVE
620	TeFe
621	TV Chile
622	Ecuavisa
623	Sur Peru

626	La Tele Novela
627	Ultísima
630	MTV Tr3s
631	mun2
632	mun2 (ALT)
633	Telehit
634	Telehit (ALT)
635	RitmoSon Latino
636	Brandamax
637	Videorola
639	HTV Musica
641	De Pelicula
642	De Pelicula (ALT)
643	De Pelicula Clasico
644	De Pelicula Clasico (ALT)
645	Cine Mexicano
646	Cine Mexicano (ALT)
647	Cine Latino
648	Cine Latino (ALT)
649	Viendo Movies
650	Viendo Movies (ALT)
651	Gran Cine
<b>MULTILATINO MAX **</b>	
23	TBS
24	MTV
26	Nickelodeon
27	ESPN
28	ESPN2
29	Root Sports
30	NBC Sports Network
31	Golf Channel
37	TLC
52	TNT
59	VH1
119	LMN
128	PBS Kids Sprout
175	Bravo

Line-up continued on back.



Pittsburgh Suburbs 4/1/2012

**EXHIBIT 4**

# FiOS TV Channels

## FiOS TV Prime HD

229 Ch, 59 HD

### A

- 181 A&E
- 681 A&E HD
- 504 ABC - WTAE HD
- 4 ABC - WTAE-TV 4
- 199 ABC Family
- 699 ABC Family HD
- 424 Action Max
- 924 Action Max HD
- 425 Action Max West
- 231 AMC
- 731 AMC HD
- 130 Animal Planet
- 630 Animal Planet HD
- 1789 Antenna 1
- 1780 Arab Radio & Television [ART]
- 429 At Max
- 929 At Max HD
- 1535 AyM Sports

### B

- 1663 Bandamax Estados Unidos
- 1727 BBC CBeebies
- 270 BET
- 770 BET HD
- 330 Big Ten 1
- 331 Big Ten 2
- 85 Big Ten Network
- 585 Big Ten Network HD
- 319 Blackbelt TV
- 104 Bloomberg TV
- 246 Blue Highways TV
- 1777 BN TV
- 1724 Boomerang [SAP]
- 185 Bravo
- 685 Bravo HD

### C

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times. Blackout restrictions apply.*

**FiOS TV Prime HD**

229 Ch, 59 HD

- 109 C-SPAN
- 110 C-SPAN 2
- 111 C-SPAN 3
- 1646 Canal 22
- 1549 Canal SUR
- 257 Cartoon Network
- 502 CBS - KDKA HD
- 2 CBS - KDKA-TV 2
- 94 CBS Sports Network
- 220 Centric
- 1703 Centroamérica TV
- 1773 Channel One Russia
- 1795 China Central TV 4
- 288 Church Channel
- 1688 Cine Estelar
- 1685 Cine Latino
- 1686 Cine Mexicano
- 1687 Cine Nostalgia
- 420 Cinemax
- 920 Cinemax HD
- 421 Cinemax West
- 921 Cinemax West HD
- 221 CMT
- 721 CMT HD
- 102 CNBC
- 602 CNBC HD+
- 100 CNN
- 1540 CNN en Español
- 600 CNN HD
- 101 CNN Headline News
- 190 Comedy Central
- 690 Comedy Central HD
- 5 Cornerstone - WPCB-TV 40
- 1796 CTI Zhong Tian Channel
- 1766 CTN
- 503 CW - WPCW HD
- 3 CW - WPCW-TV 19
- D

Included Channel    Premium Available For Additional Cost    Channel Included with a bundle

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**FIOS TV Prime HD**

229 Ch, 59 HD

- 293 Daystar
- 1680 De Película
- 1681 De Película Clásico
- 120 Discovery Channel
- 620 Discovery Channel HD
- 1563 Discovery En Español
- 1702 Discovery Familia
- 250 Disney Channel
- 780 Disney Channel HD
- 260 Disney Junior
- 251 Disney XD
- 1722 Disney XD
- 781 Disney XD HD
- 1548 Dominican View
- 1787 DW Amerika
- E
- 696 E! Entertainment Network HD
- 196 E! Entertainment Television
- 1512 Ecuavisa Internacional
- 350 Encore
- 360 Encore Action
- 361 Encore Action West
- 358 Encore Drama
- 359 Encore Drama West
- 363 Encore Español
- 362 Encore Family
- 850 Encore HD
- 352 Encore Love
- 353 Encore Love West
- 356 Encore Suspense
- 357 Encore Suspense West
- 351 Encore West
- 354 Encore Westerns
- 355 Encore Westerns West
- 395 EPIX
- 896 EPIX 2 HD
- 895 EPIX HD

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Services offered in each package are subject to change and not all programming services will be available at all times. Blackout restrictions apply.*

REDACTED - FOR PUBLIC INSPECTION

**FiOS TV Prime HD**

229 Ch, 59 HD

- 70 ESPN
- 1002 ESPN 3D
- 1520 ESPN Deportes
- ESPN Full
- 1010 Court/Game Plan
- PPV1
- ESPN Full
- 1011 Court/Game Plan
- PPV2
- ESPN Full
- 1012 Court/Game Plan
- PPV3
- ESPN Full
- 1013 Court/Game Plan
- PPV4
- ESPN Full
- 1014 Court/Game Plan
- PPV5
- ESPN Full
- 1015 Court/Game Plan
- PPV6
- 570 ESPN HD
- 73 ESPN U
- 573 ESPN U HD
- 74 ESPN2
- 574 ESPN2 HD
- 285 EWTN
- 1741 EWTN Español
- F
- 131 FIOS TV
- Information
- 430 Five Star Max
- 930 Five Star Max HD
- 390 Flix
- 391 Flix West
- 164 Food Network
- 664 Food Network HD
- 507 FOX - WPGH HD
- 7 FOX - WPGH-TV
- 53
- 300 Fox College Sports
- Atlantic
- 301 Fox College Sports
- Central
- 302 Fox College Sports
- Pacific

Included Channel Premium Available For Additional Cost Channel included with a bundle

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**REDACTED - FOR PUBLIC INSPECTION**

**FiOS TV Prime HD**

229 Ch, 59 HD

- 311 Fox Deportes
- 1521 Fox Deportes
- 118 Fox News
- 618 Fox News HD
- 1009 Fox Soccer Plus
- 216 fuse
- 716 fuse HD
- 53 FX
- 553 FX HD
- G
- 1503 Galavisión
- 1756 GMA Pinoy TV
- 224 gmc
- 313 GOL TV
- 1523 GOL TV
- 304 Golf Channel
- 593 Golf Channel HD
- 1683 Gran Cine
- H
- 240 Hallmark Channel
- 239 Hallmark Movie Channel
- 739 Hallmark Movie Channel HD
- 400 HBO
- 402 HBO 2
- 902 HBO 2 HD
- 403 HBO 2 West
- 903 HBO 2 West HD
- 408 HBO Comedy
- 908 HBO Comedy HD
- 409 HBO Comedy West
- 909 HBO Comedy West HD
- 406 HBO Family
- 906 HBO Family HD
- 407 HBO Family West
- 907 HBO Family West HD
- 899 HBO HD
- 412 HBO Latino
- 912 HBO Latino HD
- 413 HBO Latino West

Included Channel Premium Available For Additional Cost Channel included with a bundle

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**FiOS TV Prime HD**

229 Ch, 59 HD

- 913 HBO Latino West  
HD
- 404 HBO Signature
- 904 HBO Signature HD
- 405 HBO Signature  
West
- 905 HBO Signature  
West HD
- 401 HBO West
- 901 HBO West HD
- 410 HBO Zone
- 910 HBO Zone HD
- 411 HBO Zone West
- 911 HBO Zone West HD
- 445 here! TV
- 165 HGTV
- 665 HGTV HD
- 128 History Channel
- 1561 History Channel en  
Español
- 628 History Channel HD
- 1648 HITn
- 316 HRTV
- 151 HSN
- 651 HSN HD
- I
- 348 IndiePlex
- 1620 Infinito
- 286 INSP
- 123 Investigation  
Discovery
- 623 Investigation  
Discovery HD
- 492 ION Life
- 16 ION Television  
[WINP]
- 516 ION Television HD  
[WINP]
- J
- 289 JCTV
- 155 Jewelry Television.
- 1757 Jus Punjabi
- K
- 1781 Kuwait TV

Included Channel Premium Available For Additional Cost Channel included with a bundle

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**REDACTED - FOR PUBLIC INSPECTION**

**FiOS TV Prime HD**

229 Ch, 59 HD

L

- 1701 La Familia
- 1590 Latele Novela Network
- 140 Lifetime
- 640 Lifetime HD
- 152 Liquidation Channel
- 141 LMN
- 641 LMN HD
- 187 Logo

M

- 318 Mav TV
- 598 MAV TV HD
- 1815 MC Alternative
- 1822 MC 70s
- 1821 MC 80s
- 1820 MC 90s
- 1817 MC Adult Alternative
- 1836 MC Blues
- 1816 MC Classic Alternative
- 1830 MC Classic Country
- 1811 MC Classic Rock
- 1839 MC Classical Masterpieces
- 1831 MC Contemporary Christian
- 1803 MC Dance/Electronica
- 1838 MC Easy Listening
- 1809 MC Gospel
- 1801 MC Hip-Hop and R&B
- 1805 MC Hip-Hop Classics
- 1800 MC Hit List
- 1835 MC Jazz
- 1826 MC Kidz Only!
- 1840 MC Light Classical
- 1814 MC Metal
- 1844 MC Mexicana
- 1802 MC Mixtape
- 1841 MC Musica Urbana

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**REDACTED - FOR PUBLIC INSPECTION**

**FiOS TV Prime HD**

229 Ch, 59 HD

- 1824 MC Party Favorites
- 1819 MC Pop Hits
- 1842 MC Pop Latino
- 1807 MC R&B Classics
- 1808 MC R&B Soul
- 1804 MC Rap
- 1810 MC Reggae
- 1812 MC Retro Rock
- 1813 MC Rock
- 1845 MC Romances
- 1837 MC Singers &  
Swing
- 1834 MC Smooth Jazz
- 1818 MC Soft Rock
- 1823 MC Solid Gold  
Oldies
- 1832 MC Sounds of the  
Season
- 1833 MC Soundscapes
- 1825 MC Stage & Screen
- 1806 MC Throwback  
Jamz
- 1828 MC Today's Country
- 1827 MC Toddler Tunes
- 1843 MC Tropicales
- 1829 MC True Country
- 1550 Milenio Television
- 125 Military Channel
- 1475 MLB Extra Innings  
1/NHL Center Ice 1  
MLB Extra Innings
- 1484 10/NHL Center Ice  
10  
MLB Extra Innings
- 1485 11/NHL Center Ice  
11  
MLB Extra Innings
- 1486 12/NHL Center Ice  
12  
MLB Extra Innings
- 1487 13/NHL Center Ice  
13  
MLB Extra Innings
- 1488 14/NHL Center Ice  
14

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**FIOS TV Prime HD**

229 Ch, 59 HD

- 1476 MLB Extra Innings  
2/NHL Center Ice 2
- 1477 MLB Extra Innings  
3/NHL Center Ice 3
- 1478 MLB Extra Innings  
4/NHL Center Ice 4
- 1479 MLB Extra Innings  
5/NHL Center Ice 5
- 1480 MLB Extra Innings  
6/NHL Center Ice 6
- 1481 MLB Extra Innings  
7/NHL Center Ice 7
- 1482 MLB Extra Innings  
8/NHL Center Ice 8
- 1483 MLB Extra Innings  
9/NHL Center Ice 9
- 1471 MLB Extra Innings  
HD2/NHL Center  
ICE HD 2
- 1473 MLB Extra Innings  
HD4/NHL Center  
Ice HD4
- 1474 MLB Extra  
HD5/NHL Center  
Ice HD5
- 1470 MLB Extra  
Innings/NHL Center  
Ice HD
- 229 Mnet.
- 422 More Max
- 922 More Max HD
- 423 More Max West
- 923 More Max West HD
- 103 MSNBC
- 603 MSNBC HD
- 210 MTV
- 710 MTV HD
- 211 MTV2
- 1516 Multimedios HD
- 1511 Multimedios TV
- 1643 Mun2  
Munhwa
- 1760 Broadcasting Corp  
[MBC] [Korean]
- 510 My - WPMY HD
- 10 My - WPMY-TV 22

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**FiOS TV Prime HD**

229 Ch, 59 HD

**N**

- 1564 Nat Geo Mundo
- National
- 121 Geographic Channel
- National
- 621 Geographic Channel HD
- 1490 NBA League Pass
- 1/MLS Direct Kick 1
- NBA League Pass
- 1499 10/MLS Direct Kick 10
- 1491 NBA League Pass
- 2/MLS Direct Kick 2
- 1492 NBA League Pass
- 3/MLS Direct Kick 3
- 1493 NBA League Pass
- 4/MLS Direct Kick 4
- 1494 NBA League Pass
- 5/MLS Direct Kick 5
- 1495 NBA League Pass
- 6/MLS Direct Kick 6
- 1496 NBA League Pass
- 7/MLS Direct Kick 7
- 1497 NBA League Pass
- 8/MLS Direct Kick 8
- 1498 NBA League Pass
- 9/MLS Direct Kick 9
- NBA League Pass
- 1489 HD/MLS Direct Kick HD
- 89 NBA TV
- 589 NBA TV HD
- 511 NBC - WPXI HD
- 11 NBC - WPXI-TV 11
- NBC Sports Network
- 90
- NBC Sports Network HD
- 590
- NFL Red Zone
- 335 [currently out-of-season]
- NFL Red Zone HD
- 835 [currently out-of-season]
- 87 NHL Network
- 587 NHL Network HD

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**FiOS TV Prime HD**

229 Ch, 59 HD

- 256 Nick Jr.
- 254 Nick Toons
- 252 Nickelodeon
- 752 Nickelodeon HD
- 1642 nuvo TV
- O
- 1567 Once TV México
- 307 Outdoor Channel
- 591 Outdoor Channel HD
- 431 Outer Max
- 931 Outer Max HD
- 144 Oxygen
- P
- 1583 Pasiones
- 513 PBS - WQED HD
- 13 PBS - WQED-TV 13
- 263 PBS Kids Sprout
- 21 Pennsylvania Cable Network
- 521 Pennsylvania Cable Network HD
- 1797 Phoenix North America Chinese Channel
- 9 Pittsburgh Cable News Channel
- 440 Playboy TV
- 441 Playboy TV en Español
- 1783 Pro TV [RSC 3]
- 1788 ProSiebenSat.1Welt
- 1779 Public TV of Armenia
- Q
- 491 qubo
- 150 QVC
- 650 QVC HD
- R
- 1772 RAI Italia [Italian]
- 1785 Rang A Rang [Farsi]
- 233 ReelzChannel

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times. Blackout restrictions apply.*

**FiOS TV Prime HD**

229 Ch, 59 HD

- 349 RetroPlex
- 247 RFD TV
- 1664 Ritmoson Latino  
EUA
- 245 RLTV
- 76 Root Sports
- 576 Root Sports HD
- 1784 RSC 1
- 1764 RTPi
- 1775 RTR Planeta
- 1774 Russian Television  
Network
- S
- SBS Seoul
- 1762 Broadcasting  
Corporation  
SBTN [Saigon
- 1765 Broadcasting  
Television Network]
- 122 Science
- 622 Science HD
- 1723 Semillitas
- 157 ShopNBC
- 365 Showtime
- 369 Showtime 2
- 869 Showtime 2 HD
- 370 Showtime 2 West
- 870 Showtime 2 West  
HD
- 371 Showtime Beyond
- 372 Showtime Beyond  
West
- 373 Showtime Extreme
- 873 Showtime Extreme  
HD
- 374 Showtime Extreme  
West
- 874 Showtime Extreme  
West HD
- 379 Showtime Family  
Zone
- 380 Showtime Family  
Zone West
- 865 Showtime HD
- 377 Showtime Next

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**FIOS TV Prime HD**

229 Ch, 59 HD

- 378 Showtime Next  
West
- 367 Showtime  
Showcase
- 867 Showtime  
Showcase HD
- 368 Showtime  
Showcase West
- 868 Showtime  
Showcase West HD
- 366 Showtime West
- 866 Showtime West HD
- 375 Showtime Women
- 376 Showtime Women  
West
- 281 Sino TV Network
- 143 Soapnet
- 1754 Sony Entertainment  
TV Asia
- 83 Speed
- 583 Speed HD
- 554 Spike HD
- 54 Spike TV
- 308 Sportsman Channel
- 1751 STAR India PLUS
- 340 Starz
- 346 Starz Cinema
- 347 Starz Comedy
- 847 Starz Comedy HD
- 342 Starz Edge
- 842 Starz Edge HD
- 343 Starz Edge West
- 840 Starz HD
- 344 Starz in Black
- 345 Starz Kids & Family
- 845 Starz Kids & Family  
HD
- 341 Starz West
- 392 Sundance Channel
- 1507 Supercanal
- 180 Syfy
- 680 Syfy HD
- T
- 295 TBN - TRINITY

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**FiOS TV Prime HD**

229 Ch, 59 HD

- 1740 TBN Enlace USA
- 52 TBS
- 552 TBS HD
- 255 TeenNick
- 1509 Tele El Salvador
- 1706 Teleamazonas
- 19 Telefutera
- 1662 Telehit
- 1513 Telemicro  
Internacional
- 18 Telemundo
- 1666 TeleRitmo
- 1506 Televisión  
Dominicana
- 592 Tennis Channel HD
- 1755 The Filipino  
Channel
- 259 The Hub
- 789 The Hub HD
- 385 The Movie Channel
- 885 The Movie Channel  
HD
- 386 The Movie Channel  
West
- 387 The Movie Channel  
Xtra
- 887 The Movie Channel  
Xtra HD
- 388 The Movie Channel  
Xtra West
- 297 The SonLife  
Broadcasting  
Network
- 119 The Weather  
Channel
- 619 The Weather  
Channel HD
- 292 The Word
- 426 Thriller Max
- 926 Thriller Max HD
- 427 Thriller Max West
- 139 TLC
- 639 TLC HD
- 51 TNT
- 551 TNT HD

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**FIOS TV Prime HD**

229 Ch, 59 HD

- 273 Tr3s: MTV, Musica y Mas
- 170 Travel Channel
- 670 Travel Channel HD
- 683 tru TV HD
- 183 truTV
- 230 Turner Classic Movies
- 1771 TV 5 Monde [French]
- 1752 TV Asia
- 1704 TV Chile
- 1705 TV Colombia
- 1768 TV GLOBO
- 194 TV Guide Network
- 1770 TV Japan
- 244 TV Land
- 1778 TV1
- 1798 TVBe
- 1560 TVE Internacional
- 315 TVG [Horse Racing]
- 1767 TVK
- 1000 TVN Event TV
- 1776 TVP Polonia [Polish]
- 1536 TyC Sports
- U
- 1690 Ultra Cine
- 1670 Ultra Fiesta
- 1730 Ultra Kidz
- 1692 Ultra Mex
- 17 Univision
- 550 USA HD
- 50 USA Network
- 1582 Utilísima
- V
- 217 VH1
- 218 VH1 Classic
- 717 VH1 HD
- 1682 Viendo Movies
- 1721 Vme Kids
- W
- 428 W Max

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**REDACTED - FOR PUBLIC INSPECTION**

**FiOS TV Prime HD**

229 Ch, 59 HD

- 928 W Max HD
- 1508 WAPA América
- 22 WBGN Independent
- 463 WBGN Live Well
- 462 WBGN Retro TV  
Channel
- 149 WE tv
- 649 WE tv HD
- 49 Weatherscan Local
- 8 WGN America
- 317 World Fishing  
Network
- 597 World Fishing  
Network HD
- 158 WOW
- 466 WPGH The Country  
Network
- 480 WPMY The Cool  
TV
- 465 WPXI MeTV
- 474 WQED Create
- 473 WQED DT  
Neighborhood
- 475 WQED Showcase
- 461 WTAE This TV
- Y
- 1761 YTN Yonhap TV  
News
- Z
- 1753 Zee TV
- #
- 1720 ¡Sorpresa!

Included Channel    Premium Available For Additional Cost    Channel included with a bundle

*Programming Service offered in each package are subject to change and not all programming services will be available at all times, Blackout restrictions apply.*

**EXHIBIT 5**

**Shoemaker, Marlene**

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**Subject:** FW: Request for Verizon Subscriber Figures For Certain Pennsylvania Communities  
**Attachments:** Scanned from a Xerox multifunction device001.pdf

**From:** Edgington, M Eric (M) [<mailto:eric.edgington@verizon.com>]

**Sent:** Friday, January 06, 2012 1:54 PM

**To:** Giroux, Fred

**Subject:** FW: Request for Verizon Subscriber Figures For Certain Pennsylvania Communities

Fred,

Subject to the terms of your e-mail below, please find the attached information.

Thanks.

Eric Edgington

Associate General Counsel

Ofc. 813.483.2618

Fax. 813.204.8870

**REDACTED - FOR PUBLIC INSPECTION**

<b>State</b>	<b>County</b>	<b>Community</b>	<b>Sub. #</b>
PA	ALLEGHENY	BALDWIN	Incorporated Borough
PA	ALLEGHENY	BALDWIN	Incorporated Township
PA	ALLEGHENY	BRENTWOOD	Incorporated Borough
PA	ALLEGHENY	CASTLE SHANNON	Incorporated Borough
PA	ALLEGHENY	DORMONT	Incorporated Borough
PA	ALLEGHENY	FOX CHAPEL	Incorporated Borough
PA	ALLEGHENY	PITTSBURGH	Incorporated City

**Verizon Proprietary and Confidential Information**

**Shoemaker, Marlene**

---

**Subject:** FW: Request for Verizon Subscriber Figures For 3 Pennsylvania Communities

**From:** Edgington, M Eric (ERIC) [<mailto:eric.edgington@verizon.com>]

**Sent:** Monday, April 16, 2012 5:46 PM

**To:** Giroux, Fred

**Subject:** RE: Request for Verizon Subscriber Figures For 3 Pennsylvania Communities

Fred,  
and Confidential

Verizon Proprietary

Subject to the below terms, please find listed the Verizon video subscriber's for the requested LFAs:

Ross  
McCandles  
Whitehall -

Eric Edgington

Associate General Counsel

Ofc. 813.483.2618

Fax. 813.204.8870

**EXHIBIT 6**



Jan 12, 2012

Davis Wright Tremaine LLP  
1919 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, DC 20006

To Whom It May Concern:

Media Business Corporation ("MediaBiz") utilizes a multi-step process to accurately identify cable client franchise areas and associated ZIP and ZIP+4 Codes. (A ZIP+4 Code includes the five digits of the United States Postal Service ZIP Code, a hyphen, and four more digits that determine a more precise location than the ZIP Code.)

MediaBiz developed this methodology to address the potential shortcomings in utilizing 5-digit ZIP Code data for "Effective Competition" petitions. This basic methodology has been in place for several years and has been used successfully in many Effective Competition cases at the FCC.

Because ZIP Codes and municipal boundaries are created and managed by different government authorities, the boundaries of ZIP Codes and municipal boundaries often overlap. ZIP Codes frequently span between and beyond municipal boundaries. ZIP+4 Codes, however, usually reside in one and only one municipality. MediaBiz uses Place, Minor Civil Division (MCD), and County boundaries from Dynamap®, a division of Pitney Bowes Business Insight, to determine municipal boundaries. MediaBiz uses the Dynamap® ZIP+4 Centroids database, which contains ZIP+4 centroid correspondence for virtually all deliverable ZIP+4s, to identify ZIP+4 Codes within municipal boundaries, among the over 60 million ZIP+4s in all 50 states, DC, and Puerto Rico, based on current data from the USPS and the U.S. Bureau of the Census, and the Tele Atlas master street database.

MediaBiz then utilizes its ZIP+4 Code mapping to enable our clients to obtain proper "Direct-to-Home" (DTH) subscriber counts for their respective franchise areas by tracking DTH subscribers at the ZIP+4 Code level. (Where MediaBiz determines that a ZIP Code falls entirely within a franchise area, however, it is unnecessary to identify DTH subscribers at the ZIP+4 Code level for that 5-digit ZIP Code. In these instances, MediaBiz identifies such 5-digit ZIP Codes and, accordingly, DTH subscribers are identified by the 5-digit ZIP Code only.

Only ZIP+4 Codes that meet specific criteria are included in this report. The following criteria must be met:

- The centroid of the ZIP+4 Code is within the franchise area; and
- The USPS ZIP+4 Record Type (from Dynamap® ZIP+4 Centroids) is either H - high-rise or S - street

Our methodology has been used by many multiple system operators (MSOs) as part of their Effective Competition relief efforts, and we believe this methodology produces the most accurate and detailed view of ZIP+4 data as it relates to cable franchise areas.

  
Robert Lehmann  
President

MediaBiz

**EXHIBIT 7**

**SBCA ECTR Summary Pages**

**ZIP+4 Data provided on CD included with the exhibit.**

**A hard copy of the ZIP+4 data is available upon request.**

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

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Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: January 19, 2012

ZIP Codes

DTH Count

Requested total for Baldwin, PA (BOROUGH)

Data is current through 12/31/2011

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

---

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: February 15, 2012

ZIP Codes

DTH Count

Requested total for Baldwin, PA (TOWNSHIP)
--

Data is current through 12/31/2011

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

---

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: February 15, 2012

ZIP Codes

DTH Count

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Requested total for Brentwood, PA

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Data is current through 12/31/2011

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

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Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: February 15, 2012

ZIP Codes

DTH Count

Requested total for Castle Shannon, PA

Data is current through 12/31/2011

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

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Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: February 15, 2012

ZIP Codes

DTH Count

Requested total for Dormont, PA
---------------------------------

Data is current through 12/31/2011

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbc.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: January 19, 2012

ZIP Codes	DTH Count
Requested total for Elizabeth, PA	928

Data is current through 12/31/2011

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

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Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: January 19, 2012

ZIP Codes

DTH Count

Requested total for Fox Chapel, PA

Data is current through 12/31/2011

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

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Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: March 14, 2012

ZIP Codes

DTH Count

---

Requested total for McCandless, PA

---

Data is current through 2/29/2012

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

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Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: January 19, 2012

ZIP Codes

DTH Count

Requested total for Pittsburgh, PA
------------------------------------

Data is current through 12/31/2011

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**ECTR – Effective Competition Tracking Report**



Provided by  
Satellite Broadcasting and Communications Association

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Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated January 9, 2012 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: March 14, 2012

ZIP Codes

DTH Count

Requested total for Ross, PA
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Data is current through 2/29/2012

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

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Report Date: March 14, 2012

ZIP Codes

DTH Count

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Requested total for Whitehall, PA

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Data is current through 2/29/2012

Report Prepared by:  
Martin Esteves  
Manager, Membership and Data Management  
202-349-3630  
mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

**EXHIBIT 8**

# U.S. Census Bureau



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Baldwin borough, Allegheny County, Pennsylvania	
Total:	9,335
Occupied	8,669
Vacant	666

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

## OCCUPANCY STATUS

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NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

		Baldwin township, Allegheny County, Pennsylvania
1	Total:	881
3	Occupied	849
of 3	Vacant	32

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

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NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

		Brentwood borough, Allegheny County, Pennsylvania
1	Total:	4,792
3	Occupied	4,379
of	Vacant	413
3		

Source: U.S. Census Bureau, 2010 Census.



H1

**OCCUPANCY STATUS**

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Castle Shannon borough, Allegheny County, Pennsylvania		
1	Total:	4,146
3	Occupied	3,902
of 3	Vacant	244

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

## OCCUPANCY STATUS Universe: Housing units 2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

		Dormont borough, Allegheny County, Pennsylvania
1	Total:	4,308
3	Occupied	4,051
of	Vacant	257
3		

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

		Elizabeth township, Allegheny County, Pennsylvania
1	Total:	5,948
3	Occupied	5,578
of	Vacant	370
3		

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

		Fox Chapel borough, Allegheny County, Pennsylvania
1	Total:	2,186
3	Occupied	2,063
of 3	Vacant	123

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

		McCandless township, Allegheny County, Pennsylvania
1	Total:	12,307
3	Occupied	11,659
3	Vacant	648

Source: U.S. Census Bureau, 2010 Census.



H1

**OCCUPANCY STATUS**

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Pittsburgh city, Allegheny County, Pennsylvania	
1	Total: 156,165
3	Occupied 136,217
of 3	Vacant 19,948

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

		Ross township, Allegheny County, Pennsylvania
1	Total:	14,909
3	Occupied	14,125
3	Vacant	784

Source: U.S. Census Bureau, 2010 Census.

**U.S. Census Bureau**



H1

**OCCUPANCY STATUS**  
**Universe: Housing units**  
**2010 Census Redistricting Data (Public Law 94-171) Summary File**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Whitehall borough, Allegheny County, Pennsylvania	
Total:	6,642
Occupied	6,156
Vacant	486

Source: U.S. Census Bureau, 2010 Census.

**EXHIBIT 9**

**REDACTED - FOR PUBLIC INSPECTION**

	A	B	C	D	E	F
1	<b>Community</b>	<b>State</b>	<b>Total DBS Subscribers</b>	<b>Verizon Sunscribers</b>	<b>2010 Census Occupied Housing Units</b>	<b>% of DBS Penetration In Franchise Area Column C + Column D/ Column E</b>
2	Baldwin Borough	PA			8,669	17.60%
3	Baldwin Township	PA			849	54.18%
4	Brentwood Borough	PA			4,379	43.75%
5	Castle Shannon Borough	PA			3,902	34.26%
6	Dormont Borough	PA			4,051	40.66%
7	Elizabeth Township	PA	928		5,578	16.64%
8	Fox Chapel Borough	PA			2,063	33.69%
9	McCandless Township	PA			11,659	36.51%
10	Pittsburgh City	PA			136,217	24.15%
11	Ross Township	PA			14,125	35.99%
12	Whitehall Borough	PA			6,156	37.96%

**CERTIFICATE OF SERVICE**

I, Deborah D. Williams, do hereby certify on this 17<sup>th</sup> day of July, 2012 that a true and correct copy of the foregoing "Petition for Special Relief" has been sent via U.S. mail, postage prepaid to the following:

Mr. Stanley Louis Gorski  
Executive Director  
SHACOG  
794 Washington Rd.  
Pittsburgh, PA 15228

Mr. Gary Koehler  
Borough Manager  
Borough of Fox Chapel  
401 Fox Chapel Rd.  
Pittsburgh, PA 15238

Mr. Tobias Cordek  
Town Manager  
Town of McCandless  
9955 Grubb Rd.  
Wexford, PA 15238

Mr. Wayne Jones  
Township Manager  
Township of Ross  
1000 Ross Municipal Drive  
Pittsburgh, PA 15237

Ms. Jajuana Stephenson  
Acting Director  
City of Pittsburgh, City Information  
Systems  
City-County Building  
414 Grant Street, Room 604  
Pittsburgh, PA 15219

Eric Edgington  
Verizon  
4458 Madison Industrial Lane  
MC: FLTP0007  
Tampa, FL 33619

Marlene H. Dortch, Secretary  
Federal Communications Commission  
Office of the Secretary  
445 12th Street, SW  
Washington, DC 20554

William Lake, Chief, Media Bureau  
Federal Communications Commission  
Office of the Secretary  
445 12th Street, SW  
Washington, DC 20554

  
Deborah D. Williams