**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: | ) | |
| Whitemarsh Township, Pennsylvania (PA2362) | ) | |

To: 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,[1] requests that the Commission find that Comcast faces "effective competition" in the above-referenced Pennsylvania franchise area (the "Franchise Area").

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.[2] Cable operators are entitled to demonstrate that effective competition exists on a franchise-by-franchise basis.[3] 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.[4]

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[1] 47 C.F.R. §§ 76.7 and 76.907.

[2] 47 U.S.C. § 543(a)(2); 47 C.F.R. § 76.905(a).

[3] 47 C.F.R. § 76.907.

[4] *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.[5]

As demonstrated below, the Competing Provider Test is easily satisfied in the Whitemarsh Township Franchise Area, 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 the Franchise Area.[6]

## I. THE COMPETING PROVIDER TEST IS SATISFIED IN THE FRANCHISE AREA

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

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

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..."[7] This

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[5] 47 U.S.C. § 543(1)(1)(B)(i) and (ii); 47 C.F.R. § 76.905(b)(2)(i) and (ii).

[6] As explained below the competing penetration figure for the Franchise Area includes subscribers from local MVPD competitor Verizon, as well as from the two major DBS providers.

[7] 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).

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 Area.

Service of an MVPD is deemed "offered" under the Competing Provider Test when it is both *technically* and *actually* available.[8] The Commission has determined that DBS service is presumed to be "technically available" throughout the country due to its nationwide satellite footprint.[9] Comcast's Franchise Area is well within the satellite footprint of DirecTV and Dish Network. Thus, both DirecTV and Dish Network are "technically available" in the Franchise Area.

DBS service is presumed to be "actually available" if households in a franchise area are made "reasonably aware" that the service is available.[10] 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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[8] *Rate Order* ¶ 29.

[9] *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).

[10] *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."[11] The same reasoning applies here. DirecTV and Dish Network are among the largest MVPDs in the nation.[12] With approximately 33.8 million subscribers nationwide,[13] comprising more than 33 percent of all MVPD subscribers,[14] ubiquitous advertising, and the substantial DBS penetration figures in the Franchise Areas, it is clear that consumers in the Franchise Area are "reasonably" aware of the availability of DBS competitors.[15]

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[11] *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*").

[12] *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).

[13] *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.

[14] 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.

[15] *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.[16] The Commission's rules define comparable programming as "at least 12 channels of video programming, including at least one channel of nonbroadcast service programming."[17] The Commission has repeatedly recognized that the DBS Providers offer comparable programming to Comcast under the Commission's Competing Provider Test.[18] Each of the DBS Providers offer well over 100 video channels, most of which are non-broadcast services.[19] And, as shown in the attached channel line-up, Comcast's programming service offerings in the Franchise Area are substantially similar to the DBS programming services.[20]

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 Area.

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% penetration figure necessary for a determination of

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[16] *See* 47 U.S.C. § 543(1)(1)(B)(i); 47 C.F.R. § 76.905(b)(2)(i).

[17] 47 C.F.R. § 76.905(g).

[18] *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.").

[19] *See* Channel Line-ups of DirecTV and Dish Network, attached hereto as Exhibit 1.

[20] *See* Comcast Channel Line-up, attached hereto as Exhibit 2.

effective competition (even if they are not available themselves to more than 50 percent of local households).[21] Verizon offers competing cable service in the community of Whitemarsh Township.[22] Accordingly, the Competing Provider subscriber tallies presented in this Petition for this Franchise Area include subscribers from Verizon,[23] as well as from the two major DBS providers. The resulting 37.10 percent penetration figure for Whitemarsh Township easily exceeds the 15 percent threshold.

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 the Franchise Area to determine the number of local DBS subscribers. 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,"[24] and has stated its preference for this approach.[25]

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[21] *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).

[22] Verizon's "comparable" channel lineup is set forth in Exhibit 3.

[23] Comcast obtained Verizon's subscribership data for the Franchise Area 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 figure for the Franchise Area as **Confidential Exhibit 4** to this Petition (with a redacted version attached).

[24] *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).

[25] *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).

To determine the relevant ZIP+4 codes for the Franchise Area, 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 the Franchise Area.[26]

Comcast next provided all of the ZIP+4 codes for the Franchise Area 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 Report ("ECTR") from SBCA reflect the total DBS subscribers within the individual ZIP+4 codes associated with the Franchise Area.[27]

The Competing Provider Test requires the number of households subscribing to multichannel video programming *other than the largest MVPD* to exceed 15 percent. Accordingly, Comcast compared the subscribership figures reported by SBCA and Verizon with

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[26] *See* Letter from MBC (explaining ZIP+4 methodology), attached hereto as Exhibit 5.

[27] *See* **Confidential Exhibit 6.** This exhibit includes all of the relevant ZIP+4 data relied on in the Petition and the total ZIP+4-based DBS subscribership for the Franchise Area. Comcast is providing a redacted version of this exhibit, which excludes the DBS subscribership numbers corresponding to the Whitemarsh Township Franchise Area, in order to present the *aggregate* DBS and Verizon subscriber penetration figures and still maintain the confidential nature of the Verizon subscribership tally for this community.

its own subscribership in the Franchise Area. In the Whitemarsh Township Franchise Area, Comcast serves in excess of 15 percent of the households, while DBS Providers and Verizon serve an aggregate of 37.10 percent. The Commission has recognized that where "the subscribership penetration for both [the cable operator] and the aggregate [competing provider] information each exceed 15 percent in the franchise area, the second prong of the competing provider test is satisfied."[28] 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% threshold.

To determine whether the combined DBS and Verizon subscribership exceeds the statutorily mandated 15 percent threshold in the Franchise Area, Comcast compared the Competing Providers' combined subscribership to the most recent U.S. Census occupied household unit figures for the community.[29] This comparison yields the aggregate penetration rate for Competing Providers in the Franchise Area.

As detailed in **Confidential Exhibit 8**, the *aggregate* subscriber penetration rate for DBS Providers and Verizon in the Whitemarsh Township Franchise Area exceeds the 15 percent threshold required under Section 623(1)(l)(B) of the Act.[30] Accordingly, Comcast meets the second prong of the Competing Provider Test in the Franchise Area.

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[28] *See Charter Communications – Seven Local Franchise Areas In Missouri,* 21 FCC Rcd. 1208, ¶ 5 (2006).

[29] *See* Exhibit 7.

[30] *See* **Confidential Exhibit 8.** This exhibit includes the combined DBS and Verizon subscribership and penetration figures for the Whitemarsh Township Franchise Area. As noted above, at Verizon's request, Comcast is seeking confidential treatment with respect to the Verizon subscribership data for the Whitemarsh Township Franchise Area. Accordingly, Comcast is providing a redacted version of this exhibit, which excludes the DBS and Verizon subscribership numbers associated with the Whitemarsh Township Franchise Area, in order to present the *aggregate* DBS and Verizon subscriber penetration figure and still maintain the confidential nature of the Verizon subscribership figures for this community.

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

## CONCLUSION

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

May 29, 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

May 29, 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 Area at issue in this Petition, the DBS subscriber numbers provided by SBCA for the individual Franchise Area, and the Verizon subscriber number as described in the Petition. In the Whitemarsh Township Franchise Area, the aggregate 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.

May 12, 2012
Date

Warren Fitting

# EXHIBIT 1

# 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 |

## NATIONALS

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

## PREMIUMS

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

REDACTED - FOR PUBLIC INSPECTION

## PREMIUMS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ENCORE Love | 537 | HBO Family (East) | HD 507 | STARZ Cinema HD | HD 531 | The Movie Channel (West) | 555 |
| ENCORE Suspense | 539 | HBO Family (West) | 508 | STARZ Comedy HD | HD 526 | ThrillerMAX HD | HD 522 |
| ENCORE Westerns | 538 | HBO Latino | HD 511 | STARZ Edge | HD 529 | WMAX HD East | HD 521 |
| ENCORE® ON DEMAND | 1535 | HBO Signature | HD 503 | STARZ InBlack | HD 530 | | |
| ESPN Classic Sports | 614 | HBO Zone HD | HD 509 | STARZ Kids & Family HD | HD 525 | | |

## REGIONAL SPORT NETWORKS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Altitude Sports & Ent. 681 | HD 681 | FS Arizona | HD 686 | FS South Plus (Z) | HD 648 | ROOT SPORTS Rocky Mountain | HD 683 |
| Altitude Sports Alternate 682 | HD 682 | FS Cincinnati | HD 661 | FS Southwest | HD 676 | SportSouth | HD 649 |
| CSN Bay Area | HD 696 | FS Detroit | 663 | FS Southwest Plus | HD 677 | SportSouth Plus | HD 650 |
| CSN Bay Area Alternate 697 | HD 697 | FS Detroit Plus | HD 664 | FS West | HD 692 | SportsNet New York 639 | HD 639 |
| CSN California | HD 698 | FS Florida | HD 654 | MASN 640 | HD 640 | SportsTime Ohio 662 | HD 662 |
| CSN California alt 699 | 699 | FS Florida Plus | HD 655 | MSG Plus 635 | HD 635 | Sun Sports | HD 653 |
| CSN Chicago Alt. #2 | 667 | FS Midwest | HD 671 | Madison Square Garden 634 | HD 634 | Sun Sports Plus | HD 656 |
| CSN MidAltantic Alt. | HD 643 | FS North | HD 668 | NESN 628 | HD 628 | Yankee Ent. & Sports (YES) 631 | HD 631 |
| CSN MidAtlantic 642 | HD 642 | FS Ohio | HD 660 | Prime Ticket | HD 694 | | |
| CSN New England 630 | HD 630 | FS South | HD 646 | ROOT SPORTS Northwest | HD 687 | | |
| Comcast SportsNet Chicago 665 | HD 665 | FS South Plus | HD 647 | ROOT SPORTS Pittsburgh | HD 659 | | |

## SATELLITE RADIO

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SONICTAP: 60's Revolution | 803 | SONICTAP: College Rock | 831 | SONICTAP: Italian Bistro Blend | 881 | SONICTAP: Regional Mexican | 873 |
| SONICTAP: 70's Hits | 804 | SONICTAP: Dance | 859 | SONICTAP: Italian Contemporary | 882 | SONICTAP: Retro Disco | 845 |
| SONICTAP: 8-Tracks | 840 | SONICTAP: Familiar Favorites | 880 | SONICTAP: Jazz | 852 | SONICTAP: Rock en Espanol | 878 |
| SONICTAP: 80's Hits | 805 | SONICTAP: Fiesta Tropical | 870 | SONICTAP: Latin Hits | 871 | SONICTAP: Salsa | 874 |
| SONICTAP: 90's Hits | 806 | SONICTAP: Flashback/New Wave | 839 | SONICTAP: Latin Jazz | 879 | SONICTAP: Showtunes | 823 |
| SONICTAP: Adult Alternative | 832 | SONICTAP: Folk Rock | 813 | SONICTAP: Light Classical | 866 | SONICTAP: Silky Soul | 843 |
| SONICTAP: Adult Contemporary | 821 | SONICTAP: Full Metal Jacket | 830 | SONICTAP: Love Songs | 819 | SONICTAP: Silver Screen | 822 |
| SONICTAP: Alternative | 834 | SONICTAP: Gospel Glory | 827 | SONICTAP: Malt Shop Oldies | 802 | SONICTAP: Singer-Songwriters | 836 |
| SONICTAP: Bailamos! | 869 | SONICTAP: Great Standards | 855 | SONICTAP: Mariachi | 876 | SONICTAP: Smooth Jazz | 851 |
| SONICTAP: Be-Tween | 867 | SONICTAP: Groove Lounge | 824 | SONICTAP: Metro Blend | 853 | SONICTAP: Soft Hits | 849 |
| SONICTAP: Beautiful Instrumentals | 820 | SONICTAP: Hair Guitar | 829 | SONICTAP: Modern Country | 814 | SONICTAP: Spike | 841 |
| SONICTAP: Big Band/Swing | 801 | SONICTAP: Hallelujah | 828 | SONICTAP: Modern Workout | 860 | SONICTAP: SubTerranean | 858 |
| SONICTAP: Bluegrass | 812 | SONICTAP: Hit Country | 809 | SONICTAP: Musica De Las Americas | 872 | SONICTAP: Symphonic | 864 |
| SONICTAP: Blues | 854 | SONICTAP: Holidays & Happenings | 815 | SONICTAP: New Age | 856 | SONICTAP: The Boombox | 846 |
| SONICTAP: Carnaval Brasileiro | 877 | SONICTAP: Honky Tonk Tavern | 811 | SONICTAP: Old School Funk | 844 | SONICTAP: The Playground | 868 |
| SONICTAP: Classic Hits Blend | 837 | SONICTAP: Hot Jamz | 825 | SONICTAP: PUMP! | 861 | SONICTAP: The Spirit | 826 |
| SONICTAP: Classic Jazz Vocal Blend | 850 | SONICTAP: Hottest Hits | 818 | SONICTAP: Piano | 865 | SONICTAP: Today's Hits | 816 |
| SONICTAP: Classic R&B | 842 | SONICTAP: Hurbano | 875 | SONICTAP: Rat Pack | 807 | SONICTAP: Traditional Country | 808 |
| SONICTAP: Classic Rock | 833 | SONICTAP: Hype | 847 | SONICTAP: Reality Bites | 838 | SONICTAP: Tranquility | 884 |
| SONICTAP: Classic Rock Workout | 862 | SONICTAP: Ink'd | 835 | SONICTAP: Red, Rock and Blues | 810 | SONICTAP: Y2k Hits | 817 |
| SONICTAP: Coffeehouse Rock | 848 | SONICTAP: Irish | 883 | SONICTAP: Reggae | 863 | SONICTAP: Zen | 857 |

## LOCALS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| WGAL (NBC) | HD 8 | WHTM (ABC) | HD 27 | WLYH (CW) | 15 | WPMT (FOX) | HD 43 |
| WHP (CBS) | HD 21 | WITF (PBS) | HD 33 | | | | |

*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 | PREVW | Free Preview Guide | 102 |
| LQCH | Liquidation Channel | 224 | [illegible] | [illegible] | [illegible] |
| EARTH | DISH Earth | 287 | ONPPV | Pay-Per-View Guide | 500 |
| DN101 | DISH 101 | 101 | [illegible] | [illegible] | [illegible] |
| HOME | DishHOME | 100 | | | |

## DISH FAMILY Featuring the best family-friendly programming

| | | | | | |
|---|---|---|---|---|---|
| ALIVE | America Live | 219 | HMC | Hallmark Movie Channel | 187 |
| ANGEL | Angel One | 262 | [illegible] | [illegible] | [illegible] |
| ANGL2 | Angel Two | 266 | HSN | HSN | 84 |
| APL | Animal Planet | 184 | [illegible] | [illegible] | [illegible] |
| BIO | Bio | 119 | HUB | Hub | 179 |
| BITV | Bloomberg Television | 208 | [illegible] | [illegible] | [illegible] |
| BOOM | Boomerang SAP | 175 | INSP | Inspiration Network | 259 |
| BUY1 | Buy! | 221 | [illegible] | [illegible] | [illegible] |
| CBSSN | CBS Sports Network | 152 | JTV | Jewelry Television | 227 |
| CCTVE | CCTV-E | 264 | [illegible] | [illegible] | [illegible] |
| CCNEW | CCTV-News | 265 | NICK | Nick/Nick at Nite (E) | 170 |
| COOK | Cooking Channel | 118 | [illegible] | [illegible] | [illegible] |
| CSPN2 | C-SPAN2 | 211 | NICKT | Nicktoons Network | 176 |
| DYSTR | Daystar | 263 | [illegible] | [illegible] | [illegible] |
| DIY | DIY | 111 | QVC | QVC | 137 |
| DOC | Documentary Channel | 197 | [illegible] | [illegible] | [illegible] |
| FOOD | Food Network | 110 | SALE | Sale | 225 |
| FXNWS | FOX News Channel | 205 | [illegible] | [illegible] | [illegible] |
| FSC | FOX Soccer Channel | 406 | SHOP | shop | 224 |
| GEMS | Gems and Jewelry | 228 | [illegible] | [illegible] | [illegible] |
| GAC | Great American Country (GAC) | 167 | TVLND | TV Land | 106 |
| HLMRK | Hallmark Channel | 185 | [illegible] | [illegible] | [illegible] |

## Sports Networks

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ALTUD | Altitude Sports & Entertainment | HD | 410 | FOXOH | Fox Sports Ohio | HD | 425 |
| CSTNO | Cox Sports Television New Orleans | HD | 421 | PRIME | Fox Sports Prime Ticket | HD | 411 |
| CSNBA | Comcast SportsNet Bay Area | HD | 419 | FOXS | Fox Sport South | HD | 420 |
| CSNCA | Comcast SportsNet California | HD | 409 | FOXSW | Fox Sports Southwest | HD | 416 |
| CSNCH | Comcast SportsNet Chicago | HD | 429 | FOXW | Fox Sports West | HD | 417 |
| CSNMA | Comcast SportsNet Mid-Atlantic | HD | 424 | FUEL | FUEL TV | | 358 |
| CSNNE | Comcast SportsNet New England | HD | 435 | MASN | Mid-Atlantic Sports Network | | 432 |
| ESPCL | ESPN Classic* | | 143 | MASN2 | Mid-Atlantic Sports Network Extra | | 433 |
| FSC | Fox Soccer Channel | HD | 406 | NESN | New England Sports Network | HD | 434 |
| FOXS+ | Fox Soccer *Plus*** | | 407 | NFLRZ | NFL Redzone | HD | 165 |
| FOXAZ | Fox Sports Arizona | HD | 415 | RTNW | ROOT Sports Northwest | HD | 426 |
| FOXCN | Fox Sports Cincinnati | HD | 427 | RTET | ROOT Sports Pittsburgh | HD | 428 |
| FOXD | Fox Sports Detroit | HD | 430 | RTRM | ROOT Sports Rocky Mountain | HD | 414 |
| FOXFL | Fox Sports Florida | HD | 423 | SPSOU | SportSouth | HD | 51 |
| FOXMW | Fox Sports Midwest | HD | 418 | STO | SportTime Ohio | HD | 431 |
| FOXN | Fox Sports North | HD | 436 | SUN | Sun Sports | HD | [illegible] |

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 disponible en español. Available on select HD channels. No está disponible en todos los canales HD.
Availability of Regional Sports Networks based on geographical location and programming package subscription. *Only available with Multi-Sport Pack. **Available a la carte.
All programming subject to change without notice. Requires additional fees to view. Limited number of channels available in HD.

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1 = Public Internet programming availability varies by satellite orbital location and programming package. Purchase of a second dish antenna may be required. 2 = Available at no cost to all DISH Network customers. X3 World requires DISH 500+ or DISH 1000+ antenna and subscription to qualifying programming. Additional fees may apply for existing DISH Network customers to upgrade their dish antenna. 3 = Available in: Ohio, Michigan, Iowa, Nebraska, Minnesota, Illinois and sections of Pennsylvania and [illegible]

## Blockbuster Movie Pass

Includes 2 Blockbuster by mail. Some restrictions apply. For more information visit dish.com/blockbustermoviepass

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTRC | Centric | HD | 371 | MGM | MGM | HD | 385 |
| CI | Crime & Investigation | HD | 368 | [illegible] | [illegible] | | [illegible] |
| ESUSP | Encore Suspense | | 344 | PLDIA | Palladia | HD | 369 |
| EPIX1 | EPIX SAP | HD | 380 | [illegible] | [illegible] | HD | [illegible] |
| EPIX2 | EPIX2 SAP | HD | 381 | RETRO | RetroPlex | HD | 379 |
| HMC | Hallmark Movie Channel | HD | 187 | [illegible] | [illegible] | HD | [illegible] |
| HDTHR | HD Theater | HD | 364 | SCINE | Starz Cinema | | 353 |
| HDNMV | HDNet Movies | HD | 383 | [illegible] | [illegible] | | [illegible] |
| INDIE | IndiePlex | HD | 378 | UNIHD | Universal HD | HD | 366 |
| LOGO | LOGO | HD | 373 | [illegible] | [illegible] | | [illegible] |
| MAVTV | MavTV | HD | 361 | | | | |

Some HD channels only available in HD.

## Premium Movie Packages

### HBO

| | | | |
|---|---|---|---|
| HBO-E | HBO (E) SAP | HD | 300 |
| HBO2E | HBO2 (E) SAP | HD | 301 |
| HBOSG | HBO Signature SAP | HD | 302 |
| HBO-W | HBO (W) SAP | HD | 303 |
| HBO2W | HBO2 (W) SAP | | 304 |
| HBOFM | HBO Family SAP | HD | 305 |
| HBOCY | HBO Comedy SAP | HD | 307 |
| HBOZ | HBO Zone *No sdy* | HD | 308 |
| HBOLT | HBO Latino | HD | 309 |

### starz

| | | | |
|---|---|---|---|
| ENCOR | Encore (E) SAP | HD | 340 |
| STARZ | Starz (E) SAP | HD | 350 |
| STRZW | Starz (W) SAP | HD | 351 |
| SEDGE | Starz Edge SAP | HD | 352 |
| SCINE | Starz Cinema SAP | | 353 |
| STZC | Starz Comedy | HD | 354 |
| SBLCK | Starz InBlack SAP | | 355 |
| SK&FM | Starz Kids & Family SAP | HD | 356 |

### CINEMAX

| | | | |
|---|---|---|---|
| MAX-E | Cinemax (E) SAP | HD | 310 |
| MAX-W | Cinemax (W) | HD | 311 |
| MOMAX | MoreMAX SAP | | 312 |
| ACTMX | ActionMAX SAP | HD | [illegible] |
| 5-MAX | 5StarMAX SAP | HD | 314 |

### SHOWTIME

| | | | |
|---|---|---|---|
| SHO-E | Showtime (E) SAP | HD | 318 |
| SHO-W | Showtime (W) SAP | HD | 319 |
| SHOTO | Showtime 2 SAP | HD | 320 |
| SHOCS | Showtime Showcase SAP | HD | 321 |
| SHOEX | Showtime Extreme SAP | | 322 |
| SBYND | Showtime Beyond SAP | | 323 |
| TMC-E | The Movie Channel (E) SAP | HD | 327 |
| TMOXE | The Movie Channel Extra (E) SAP | | 328 |
| FLIX | FLIX | | 333 |

## DISH Cinema and Pay-Per-View Sports & Events[1]

| | | | | | |
|---|---|---|---|---|---|
| MOVIE | DISH Cinema | 1-103-600-5684 | SPORTS | Sports Alerts | 1-866-[illegible] |

## Need some help?

WE CAN ANSWER YOUR QUESTIONS ONLINE:

- dish.com/supportcenter
- facebook.com/dishnetwork
- twitter.com/dishnetwork

YOU CAN ALSO FIND ANSWERS ON:

- Receiver User's Guide
- Channel 100 – DISH LIVE Interactive
- DISH 101 – Support Center (Ch. [illegible])
- Customer Support (1-866-363-DISH (347))

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.**

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DRAFT

DISTFNA9 Online

# 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 | A&E | HD | 118 |
| ABCFM | ABC Family | | 160 |
| ALIVE | America Live | | 219 |
| ANGEL | Angel One | | 262 |
| ANGL2 | Angel Two | | 268 |
| BTV | Business Television | | 602 |
| BUY | Buy! | | 221 |
| TOON | Cartoon Network (E) SAP | HD | 176 |
| TOONW | Cartoon Network (W) | | 177 |
| CCTVE | CCTV-E | | 884 |
| CCNEW | CCTV-News | | 265 |
| CHRCH | Church Channel | | 256 |
| CMT | CMT | HD | 166 |
| CNBC | CNBC | HD | 208 |
| CNN | CNN | HD | 200 |
| CMDY | Comedy Central | HD | 107 |
| CSPN2 | C-SPAN2 | | 211 |
| DYSTR | Daystar | | 263 |
| DISC | Discovery Channel | HD | 182 |
| DISE | Disney Channel (E) | | 172 |
| DISW | Disney Channel (W) | | 173 |
| DOC | Documentary Channel | | 197 |
| EI | EI Entertainment Television | HD | 114 |
| ESPN | ESPN | HD | 140 |
| ESPN2 | ESPN2 | HD | 144 |
| ESNWS | ESPNEWS | | 142 |
| ESPNU | ESPNU | | 141 |
| FOOD | Food Network | HD | 110 |
| FXNWS | FOX News Channel | HD | 205 |
| FX | FX SAP | HD | 136 |
| GEMS | Gems & Jewelry TV | | 229 |
| HDNET | HDNet -HD only | HD | 362 |
| HGTV | HGTV | HD | 112 |
| HIST | History | HD | 120 |
| HLN | HLN | HD | 202 |
| HRTV | HorseRacing TV | | 404 |
| HSN | HSN | | 84 |
| HSN2 | HSN2 | | 220 |
| ICTV | In Country Television | | 230 |
| INSP | Inspiration Network | | 259 |
| ION | ION (E) | | 216 |
| ION(W) | ION (W) | | 217 |
| JTV | Jewelry Television | | 227 |
| LIFE | Lifetime | HD | 108 |
| MALL | Mall | | 220 |
| MTV | MTV | HD | 160 |
| MTV2 | MTV2 | | 161 |
| NICK | Nick/Nick at Nite (E) | HD | 170 |
| NICKW | Nick/Nick at Nite (W) | | 171 |
| OVCN | OVCN | | 187 |
| REELZ | ReelzChannel | | 299 |
| SALE | SALE | | 226 |
| SHOP | shop | | 224 |
| SHNBC | SHNBC | | 228 |
| SBN | SonLife Broadcasting Network | | 257 |
| SPIKE | SPIKE TV | HD | 186 |
| SYFY | Syfy | HD | 122 |
| TBS | TBS | HD | 138 |
| TLC | TLC | HD | 183 |
| TNT | TNT | HD | 138 |
| TRV | Travel Channel | HD | 196 |
| TVGAME | TV Games Network | | 405 |
| TVGN | TV Guide Network | | 117 |
| TVLND | TV Land | | 106 |
| USA | USA | HD | 105 |
| VH1 | VH1 | HD | 162 |
| TWC | Weather Channel | HD | 214 |
| Plus DishCD Music Channels | | | 950-981 |
| Christian | | | 975 |
| Classical | | | 970-973 |
| Country | | | 951-952 |
| Electronic & Dance | | | 958, 980, 977 |
| Family & Kids | | | 976 |
| Hip-Hop/R&B | | | 963 |
| Jazz & Blues | | | 962, 967, 968, 978 |
| Latin & International | | | 981 |
| Pop | | | 950, 955, 956, 965 |
| Rock | | | 953, 954, 957, 959-961, 966, 979, 980 |
| Standards | | | 964, 974 |

## Local Networks channel range 2-70

abc CBS NBC FOX

Local channels vary by market. Check your local listings for exact channels.

## Public Interest Channels[1]

| | | |
|---|---|---|
| ALMA | Alma Vision Hispanic Network | 9413 |
| BABY1 | BabyFirstTV | 9400 |
| BYUTV | BYUTV | 9403 |
| CTN | Christian TV Network | 261 |
| ARTS | Classic Arts Showcase | 9408 |
| CSPAN | C-SPAN | 210 |
| EWTN | Eternal Word Television Network SAP | 261 |
| FSTV | Free Speech TV | 9411 |
| HHS | Health & Human Services | 9402 |
| HITN | HITN | 9401 |
| KBS | KBS World[1] | 9850 |
| LINK | LinkTV | 9410 |
| PNTGN | Pentagon Channel | 9405 |
| IMPCT | The Impact Network | 9397 |
| UCTV | University of California TV | 9412 |

**BOLD** - Channels in bold are some of our most popular channels.
**SAP** - FREE Spanish audio feed available. Audio disponible en español. Available on select HD channels. No está disponible en todos los canales HD.
*HD* - Channels are broadcast in both SD & HD unless indicated as "HD only." You must subscribe to the HD package to receive the HD feed. You must have an HD television to view channels in high definition. All programming subject to change without notice.

## America's Top 200 with HD

America's Top 200 includes all of America's Top 120 plus the channels listed below. *HD* indicates channels available in both standard and high definition.

| | | | |
|---|---|---|---|
| AMC | AMC | HD | 130 |
| APL | Animal Planet | HD | 142 |
| BBCA | BBC America | HD | 135 |
| BET | BET | HD | 124 |
| BIG10 | Big Ten Network[1] | HD | 439 |
| BRAVO | Bravo | HD | 118 |
| CBSSN | CBS Sports Network | HD | 152 |
| CURNT | Current TV | | 214 |
| DISXD | Disney XD SAP | | 174 |
| G4 | G4 | HD | 211 |
| GLVSN | Galavisión | HD | 273 |
| GOLF | Golf Channel | HD | 191 |
| GSN | GSN | HD | 116 |
| HLMRK | Hallmark Channel | HD | 185 |
| IFC | IFC | | 131 |
| ID | Investigation Discovery | HD | 192 |
| LMN | Lifetime Movie Network | HD | 109 |
| MLBN | MLB Network | HD | 213 |
| MSNBC | msnbc | HD | 209 |
| NTGEO | National Geographic Channel | HD | 186 |
| NBATV | NBA TV | HD | 156 |
| NFL | NFL Network | HD | 154 |
| NHLN | NHL Network | HD | 157 |
| NKJR | Nick Jr. | | 189 |
| NUVO | nuvoTV | | 159 |
| OVATN | Ovation | | 231 |
| OWN | OWN: Oprah Winfrey Network | HD | 189 |
| OXYGN | Oxygen | | 127 |
| RFDTV | RFD-TV | HD | 231 |
| SOAP | SOAPnet | | 130 |
| SPEED | SPEED | HD | 150 |
| STYLE | Style | HD | 110 |
| TNCK | TeenNick | | 181 |
| FTRAE | TeleFutura (E) | | 211 |
| FTRAW | TeleFutura (W)[1] | HD | 272 |
| TRU | truTV | HD | 204 |
| TCM | Turner Classic Movies | HD | 132 |
| UNVSN | Univision (E) | HD | 210 |
| UNVSW | Univision (W) | | 828 |
| WE | WE tv | | 184 |
| WGN | WGN America | HD | 239 |
| Plus SiriusXM Music Channels | | | 6002-6090 |
| Christian | | | 6063, 6064 |
| Classical | | | 6015-6016 |
| Country | | | 6055, 6058-6061 |
| Electronic & Dance | | | 6000-6004 |
| Hip Hop/R&B | | | 6044-6049 |
| Jazz, Blues & Standards | | | 6006-6014 |
| Latin & World | | | 6090 |
| Pop | | | 6002-6005 |
| Rock | | | 6019-6042 |

**Attention:**

For the most up-to-date channel lineup, please visit dishnetwork.com

## America's Top 250 with HD

America's Top 250 includes all of America's Top 200 plus the channels listed below. Additional antenna required. *HD* indicates channels available in both standard and high definition, except where noted as HD only.

| | | | |
|---|---|---|---|
| BIO | Bio | HD | 119 |
| BITV | Bloomberg Television | HD | 203 |
| BOOM | Boomerang SAP | | 175 |
| CHILR | Chiller | | 199 |
| CLOO | cloo | | 198 |
| CNBCW | CNBC World | | 207 |
| COOK | Cooking Channel | HD | 113 |
| DIY | DIY | HD | 111 |
| ENCOR | Encore (E) -HD only | HD | 340 |
| ENCRW | Encore (W) SAP | | 341 |
| EACTN | Encore Action | | 343 |
| EDRAM | Encore Drama | | 349 |
| ENFAM | Encore Family | | 347 |
| ELOVE | Encore Love | | 348 |
| ENSUSP | Encore Suspense | | 344 |
| EWSTN | Encore Westerns | | 342 |
| FOXB | Fox Business Network | HD | 206 |
| FOXMO | Fox Movie Channel | | 133 |
| FSC | Fox Soccer Channel | HD | 406 |
| FUEL | FUEL TV | | 151 |
| GMC | gmc | | 188 |
| GAC | Great American Country (GAC) | | 167 |
| H2 | H2 | HD | 128 |
| HMC | Hallmark Movie Channel | HD | 184 |
| HUB | Hub | HD | 176 |
| MIL | Military Channel | | 193 |
| MPLEX | MoviePlex | | 370 |
| MUN2 | mun2 | | 636 |
| NATGW | Nat Geo WILD | HD | 190 |
| NICKT | Nicktoons Network | | 178 |
| OTDOR | Outdoor Channel | | 398 |
| GREEN | Planet Green | HD | 194 |
| SCI | Science | HD | 193 |
| SPMAN | Sportsman Channel | HD | 396 |
| TENIS | Tennis Channel | HD | 402 |
| TMC-W | The Movie Channel (W) SAP | | 320 |
| TMCXW | The Movie Channel xtra (W) SAP | | 330 |
| EPIX3 | The Three from EPIX SAP | | 292 |
| VERIA | Veria | HD | 219 |
| VS. | Versus | HD | 154 |
| VH1CL | VH1 Classic | | 163 |
| Plus DISH Music Channels | | | 923-945 |
| Country | | | 934 |
| Electronic & Dance | | | 925, 928, 945 |
| Hip-Hop/R&B | | | 939 |
| Jazz & Blues | | | 927 |
| Latin & International | | | 940 |
| Pop | | | 923, 926, 929, 931 |
| Rock | | | 924, 930, 933-936, 946 |
| Standards | | | 938 |

HDTV CERTIFIED PROGRAMMING

# EXHIBIT 2

# Comcast Channel Lineup

Effective May 15, 2012

## Comcast of Montgomery County

Ambler Blue Bell Harleysville Lafayette Hill Lansdale Norristown Plymouth Meeting West Conshohocken

| | |
|---|---|
| 1 | On Demand |
| 2 | CBS 3 (KYW, Phila.) |
| 3 | QVC |
| 4 | 6 ABC (WPVI, Phila.) |
| 5 | HSN |
| 6 | C-SPAN |
| 7 | PHL 17 (WPHL, Phila.) |
| 8 | Comcast Network |
| 9 | Fox 29 (WTXF, Phila.) |
| 11 | NBC 10 (WCAU, Phila.) |
| 12 | WHYY (PBS, Phila.) |
| 13 | CW Philly 57 (WPSG, Phila.) |
| 14 | WLVT |
| 15 | WFMZ |
| 16 | Univision (WUVP, Phila.) |
| 17 | ION Television (WPPX, Phila.) |
| 18 | WGTW (TBN) |
| 19 | WBPH |
| 20 | MiND (WYBE, Phila.) |
| 21 | WMCN |
| 22 | Government Access |
| 23 | NJTV |
| 24 | Telemundo (WWSI, Phila.) |
| 25 | WTVE |
| 28 | Educational Access |
| 29 | USA |
| 30 | truTV |
| 31 | FX |
| 32 | TBS |
| 33 | TNT |
| 34 | ESPN |
| 35 | ESPN2 |
| 36 | Speed |
| 37 | NBC Sports Network |
| 38 | Comcast SportsNet |
| 39 | Golf Channel |
| 40 | Fox News Channel |
| 41 | CNN |
| 42 | HLN |
| 43 | CNBC |
| 44 | MSNBC |
| 45 | Discovery Channel |
| 46 | TLC |
| 47 | History Channel |
| 48 | Animal Planet |
| 49 | Travel Channel |
| 50 | Food Network |
| 51 | HGTV |
| 53 | The Weather Channel |
| 54 | ABC Family |
| 55 | Disney Channel |
| 56 | Cartoon Network |
| 57 | Nickelodeon |
| 58 | A&E |
| 59 | Bravo |
| 60 | Lifetime |
| 61 | TCM |
| 62 | Style |
| 63 | AMC |
| 64 | Spike |
| 65 | Comedy Central |
| 66 | E! |
| 67 | TV Land |
| 68 | MTV |
| 69 | Syfy |
| 70 | VH1 |
| 71 | BET |
| 78 | OWN |
| 98 | Local Origination |
| 100 | TV Guide Entertainment |
| 101 | Weatherscan Local |
| 102/102 | ESPNews |
| 103 | Bloomberg TV |
| 104 | C-SPAN2 |
| 105 | C-SPAN3 |
| 106 | Fox Business Network |
| 107 | Current TV |
| 108 | Nat Geo Wild |
| 109 | National Geographic Channel |
| 110 | Science Channel |
| 111 | Investigation Discovery |
| 112 | Military Channel |
| 113 | Planet Green |
| 114 | BBC America |
| 115 | blo. |
| 116 | H2 |
| 117 | WE tv |
| 118 | Style |
| 119 | Lifetime Movie Network |
| 120 | Disney Junior |
| 121 | DIY |
| 122 | The Cooking Channel |
| 123 | Oxygen |
| 125 | Baby First |
| 126 | Cartoon Network |
| 128 | Sprout |
| 129 | Nicktoons |
| 130 | The Hub |
| 131 | Nick Jr. |
| 132 | Nick 2 |
| 133 | TeenNick |
| 134 | Encore Family |
| 135 | Disney XD |
| 137 | Hallmark Channel |
| 138 | AMC |
| 139 | MTV Hits |
| 140 | MTV2 |
| 141 | MTV Tr3s: MTV Música y Más |
| 142 | MTV Jams |
| 143 | VH1 Classic |
| 144 | VH1 Soul |
| 145 | CMT Pure Country |
| 146 | CMT |
| 147 | GAC |
| 148 | Fuse |
| 149 | MoviePlex |
| 150 | Encore |
| 152 | Encore Action |
| 154 | Encore Suspense |
| 155 | Ovation |
| 156 | Encore Love |
| 157 | Hallmark Movie Channel |
| 158 | Encore Drama |
| 160 | Encore Westerns |
| 162 | G4 |
| 163 | LOGO |
| 164 | IFC |
| 165 | Sundance |
| 166 | FEARnet On Demand^ |
| 167 | IndiPlex |
| 168 | RetroPlex |
| 170 | Flix |
| 171 | BBC World News |
| 173 | TV One |
| 174 | Centric |
| 175 | RLTV |
| 179 | GSN |
| 180/180 | NFL Network |
| 181 | Discovery Fit & Health |
| 184 | Jewelry TV |
| 186 | PCN |
| 188 | Travel Channel |
| 189 | gmc |
| 190 | Leased Access |
| 191/191 | MLB Network HD† |
| 194 | Smithsonian |
| 195 | ABC Family HD† |
| 200 | Comcast SportsNet HD† |
| 201 | Comcast Network HD† |
| 202 | ESPN HD† |
| 203 | ESPN2 HD† |
| 204 | TNT HD† |
| 205 | Velocity HD† |
| 206 | NBC Sports Network HD† |
| 207 | Golf Channel HD† |
| 208 | Universal HD† |
| 209 | Palladia HD† |
| 210 | National Geographic Channel HD† |
| 211 | A&E HD† |
| 213 | HGTV HD† |
| 215 | HBO HD† |
| 216 | Food Network HD† |
| 217 | History Channel HD† |
| 218/218 | NFL Network HD† |
| 219 | Cinemax HD† |
| 220 | TBS HD† |
| 221 | CNN HD† |
| 222 | USA HD† |
| 223 | Showtime HD† |
| 224 | Discovery Channel HD† |
| 225 | TLC HD† |
| 226 | Syfy HD† |
| 227 | Starz! HD† |
| 230 | Animal Planet HD† |
| 231 | 6 ABC HD (WPVI HD, Phila.)† |
| 232 | NBC 10 HD (WCAU HD, Phila.)† |
| 233 | CBS 3 HD (KYW HD, Phila.)† |
| 234 | Fox 29 HD (WTXF HD, Phila.)† |
| 235 | PHL 17 HD (WPHL HD, Phila.)† |
| 236 | CW Philly 57 HD (WPSG HD, Phila.)† |
| 238 | AMC HD† |
| 239 | Disney Channel HD† |
| 240 | WHYY HD (PBS HD, Phila.)† |
| 244 | WLVT HD† |
| 245 | Live Well HD (WPVI HD, Phila.)† |
| 246 | Live Well (WPVI, Phila.) |
| 248 | Philly Non-Stop (WCAU, Phila.) |
| 249 | Me-TV Network (WFMZ, PA) |
| 250 | This TV (WPHL, Phila.) |
| 251 | Telefutura (WFPA , Phila.) |
| 252 | Antenna TV (WPHL, Phila.) |
| 253 | Tango Traffic (WPHL, Phila.) |
| 257 | Y Arts (WHYY, Phila.) |
| 258 | Y Info (WHYY, Phila.) |
| 261 | NJTV |
| 262 | Bounce TV (WMCN, Phila.) |
| 263 | RT (WYBE, Phila.) |
| 264 | France 24 (WYBE, Phila.) |
| 265 | NHK World (WYBE, Phila.) |
| 266 | Create (WLVT) |
| 267 | V-ME (WLVT) |
| 268 | Azteca (WZPA, Phila.) |
| 271 | WFMZ HD† |
| 272 | ION Television HD (WPPX HD, Phila.)† |
| 274 | NFL RedZone HD† |
| 275 | Speed HD† |
| 276 | FX HD† |
| 277 | Fox News Channel HD† |
| 282 | Jewelry TV |
| 283 | ShopNBC |
| 287 | Daystar |
| 291 | EWTN |
| 298 | Free Movies On Demand |
| 299 | HBO On Demand |
| 300 | HBO HD† |
| 301 | HBO |
| 302 | HBO2 |
| 303 | HBO Signature |
| 304 | HBO Family |
| 305 | HBO Comedy |
| 306 | HBO West |
| 310 | HBO Zone |
| 311 | HBO Latino |
| 312 | HBO2 HD† |
| 315 | Movies On Demand |
| 316 | HBO Zone HD† |
| 317 | HBO Latino HD† |
| 319 | Cinemax HD† |
| 320 | Cinemax |
| 321 | MoreMAX |
| 322 | Cinemax West |
| 324 | ActionMAX |
| 325 | ThrillerMAX |
| 327 | WMAX |
| 328 | @MAX |
| 329 | 5StarMAX |
| 330 | OuterMAX |
| 339 | Showtime HD† |
| 340 | Showtime |
| 341 | Showtime2 |
| 342 | Showtime Showcase |
| 346 | Showtime Beyond |
| 347 | Showtime Extreme |
| 350 | TMC |
| 352 | TMC Xtra |
| 369 | Starz! HD† |
| 370 | Starz! |
| 371 | Starz! Edge |
| 372 | Starz! In Black |
| 373 | Starz! Kids & Family |
| 374 | Starz! Cinema |
| 375 | Starz! Comedy |
| 401 | Hit List |
| 402 | Hip-Hop and R&B |
| 403 | MC Mixtape |
| 404 | Dance/Electronica |
| 405 | Rap |
| 406 | Hip-Hop Classics |
| 407 | Throwback Jamz |
| 408 | R&B Classics |
| 409 | R&B Soul |
| 410 | Gospel |
| 411 | Reggae |
| 412 | Classic Rock |
| 413 | Retro Rock |
| 414 | Rock |
| 415 | Metal |
| 416 | Alternative |
| 417 | Classic Alternative |
| 418 | Adult Alternative |
| 419 | Soft Rock |
| 420 | Pop Hits |
| 421 | 90's |
| 422 | 80's |
| 423 | 70's |
| 424 | Solid Gold Oldies |
| 425 | Party Favorites |
| 426 | Stage & Screen |
| 427 | Kidz Only! |
| 428 | Toddler Tunes |
| 429 | Today's Country |
| 430 | True Country |
| 431 | Classic Country |
| 432 | Contemporary Christian |
| 433 | Sounds of The Season |
| 434 | Soundscapes |
| 435 | Smooth Jazz |
| 436 | Jazz |
| 437 | Blues |
| 438 | Singers & Swing |
| 439 | Easy Listening |
| 440 | Classical Masterpieces |
| 441 | Light Classical |
| 442 | Musica Urbana |
| 443 | Pop Latino |
| 444 | Tropicales |
| 445 | Mexicana |
| 446 | Romances |
| 488 | Free HD Movies† |
| 490 | Premium Channels HD† |



A current line-up is always available on-line at www.comcast.com

**KEY**

**LIMITED BASIC[1]**
**EXPANDED SERVICE[2]**
**DIGITAL PREFERRED TIER[5]**
**PREMIUM[3]**
**SELECTO[3]**
**MULTILATINO[3]**
**INTERNATIONAL PREMIUMS[3]**
**SPORTS ENTERTAINMENT PACKAGE[5]**
**ON DEMAND[4]**
**PAY-PER-VIEW[4]**
**MUSIC CHOICE®[4]**

1 All channels require a CableCard, digital converter, digital adapter or digital ready television.

2 Channels require a CableCard, digital converter, digital adapter, 3D capable equipment or subscription to the HD Technology fee is required to view.

3 Channels require a CableCard, digital converter or subscription to the HD Technology fee is required to view.

4 A CableCard, digital converter or subscription to the HD Technology fee is required to view.

5 Channels require a CableCard, digital converter or subscription to the HD Technology fee is required to view. Minimum subscription to Digital Starter required.

† HDTV broadcast signals are included with subscription to Limited Basic Service. To receive HDTV signals provided by the Company, HDTV capable television set (not provided by the Company) and/or an HDTV capable digital converter are required. To receive Expanded Basic, Digital Preferred Tier, Sports Entertainment Package or Premium HDTV signals, a subscription to that service and subscription to HD Technology fee is required. A digital converter, HDTV converter and/or subscription to HD technology fee is required to view On Demand programming.

^ Minimum subscription of Digital Starter Required.

• Minimum subscription of Digital Preferred Required.

Subscription to a premium service and a digital converter are required in order to receive multiple screens and On Demand programming for that same premium service. Certain On Demand programming may require a subscription to other levels of service. The listed programs, packages, services, channel numbers, content, format and other aspects of Comcast's service are its current offerings and are subject to change or discontinuance at any time in accordance with applicable law. Federal law requires subscription to Limited Basic Service to receive any other level of video service. Other restrictions apply.

For questions, call 1-800-COMCAST.

491 Music HD†
500 On Demand Previews•
501 iNDEMAND 1 - PPV
502 INDEMAND 2 - PPV
503 iNDEMAND 3 - PPV
504 HD Pay-Per-View†
540 Adult On Demand
544/544 Playboy
558 V-ME (WLVT)
561 Univision (WUVP, Phila.)
563 Telefutura (WFPA, Phila.)
565 Telemundo (WWSI, Phila.)
567/567/567 Galavision
568 Azteca (WZPA, Phila.)
570/570 CNN en Español
571 Sur TV
575/575 Discovery en Español
577/577 History en Español
578 Infinito
579 HITN
584/584 Fox Deportes
585/585 ESPN Deportes
586/586 GOL TV
590/590 Disney XD Español
591 Discovery Familia
592 ¡Sorpresa!
597 EWTN en Español
598 La Familia
599 TBN Enlace
601 Mexicanal
602 Canal 52MX
604 TeleFórmula
605 Multimedios
606 CBTV Michoacan
607 Once TV
608 Mexico 22
611/611 WAPA America
618 TVE
626 La Tele Novela
630/630/631 MTV Tr3s: MTV Música y Más
631/631/631 mun2
633 Telehit
635 Ritmoson Latino
636 Bandamax
637 Videorola
639 HTV Música
641 De Pelicula
642 De Pelicula West
643 De Pelicula Clásico
644 De Pelicula Clásico West
645/645 Cine Mexicano
646 Cine Mexicano West
647/647 Cine Latino
649/649 Viendo Movies
651 Gran Cine
652 The Israeli Network
653 TV Polonia
655 RTN
656 Channel One Russia (C1R)
657 TV1000 Russian Kino
660 CTI - Zhong Tian
661 CCTV-4
662 Phoenix Info News
663 Phoenix North America
664 ETTV Super Channel
667 TVK
668 GMA Life TV
669 GMA Pinoy TV
670 TFC (The Filipino Channel)
672 SBTN
676 DW (Amerika)
678 Mediaset
679 Rai Italia
681 SIC
682 TV Globo
684 ART
688 TV5 Monde
689 Neo Cricket
690 STAR India NEWS
691 Zee TV
692 Life OK
693 STAR India PLUS
694 SET Asia (Sony TV)
695 TV Asia
696 STAR India GOLD
701-706 INDEMAND PPV Sports Packages
714 Big Ten Network Xtra 1
715 Big Ten Network
718 TV Games
720 Fox College Sports (Atlantic)
721 Fox College Sports (Central)
722 Fox College Sports (Pacific)
723 ESPN Classic
725 Fox Soccer Channel
726 GOL TV
728 Outdoor Channel
730/730 ESPN U
731/731 NBA TV
732/732 CBS Sports Network
733/733 NFL Network
734 NFL RedZone
735 Tennis Channel
736 Sportsman
738/738 MLB Network
739/739 NHL Network
749/749 NBA TV
750-759 INDEMAND PPV Sports Packages
771-784 iNDEMAND PPV Sports Packages
785 HD Pay-Per-View†
790 Live Well HD (WPVI HD, Phila.)†
792 WFMZ HD†
793 WLVT HD†
795 Univision HD (WUVP HD, Phila.)†
796 Telemundo HD (WWSI HD, Phila)
799 ION Television HD (WPPX HD, Phila.)†
800 NJTV HD†
801 HD On Demand†
803 CBS 3 HD (KYW HD, Phila.)†
804 HSN HD†
805 Fox 29 HD (WTXF HD, Phila.)†
806 6 ABC HD (WPVI HD, Phila.)†
807 PHL 17 HD (WPHL HD, Phila.)†
808 QVC HD†
810 NBC 10 HD (WCAU HD, Phila.)†
811 CW Philly 57 HD (WPSG HD, Phila.)†
812 WHYY HD (PBS HD, Phila.)†
815 The Weather Channel HD†
816 HLN HD†
817 CNN HD†
818 MSNBC HD†
819 CNBC HD†
820 Fox News Channel HD†
821 Fox Business Network HD†
822 Universal HD†
823 USA HD†
824 FX HD†
825 TNT HD†
826 TBS HD†
827 Spike HD†
828 Comedy Central HD†
829 Syfy HD†
830 Hallmark Channel HD†
831 A&E HD†
832 Bravo HD†
833 E! HD†
834 Style HD†
835 Lifetime HD†
836 WE tv HD†
837 TLC HD†
838 HGTV HD†
839 Food Network HD†
840 Travel Channel HD†
841 truTV HD†
847 Comcast SportsNet HD†
848 NBC Sports Network HD†
849 Golf Channel HD†
850 ESPN HD†
851 ESPN2 HD†
852/852 ESPNews HD†
853/853 ESPN U HD†
854/854 CBS Sports Network HD†
855 Big Ten Network HD†
856 Comcast Network HD†
857 Speed HD†
858/858 NHL Network HD†
859/859 MLB Network HD†
860/860 NFL Network HD†
861 NFL RedZone HD†
862 Tennis Channel HD†
863/863 NBA TV HD†
865 TV One HD†
866 BET HD†
867 G4 HD†
868 Animal Planet HD†
869 Discovery Channel HD†
870 Velocity HD†
871 National Geographic Channel HD†
872 Science Channel HD†
873 Planet Green HD†
874 bio. HD†
875 History Channel HD†
876 H2 HD†
877 Disney XD HD†
878 Cartoon Network HD†
879 Nickelodeon HD†
880 Disney Channel HD†
881 ABC Family HD†
882 Palladia HD†
883 CMT HD†
884 MTV HD†
885 Fuse HD†
886 VH1 HD†
887 gmc HD†
888 Spotlight Showcase On Demand
889 AMC HD†
890 TCM HD†
891 Encore HD†
892 MGM HD†
893 IFC HD†
894 Hallmark Movie Channel HD†
895 Lifetime Movie Network HD†
897 HD Net†
899 Investigation Discovery HD†
965 Government Access
980 ESPN 3D
981 XFINITY 3D
986 Searchlight Entertainment
987 Searchlight Shop
989 Searchlight Automotive
990 Searchlight
991 Searchlight Travel & Leisure
992 Searchlight Jobs by Monster
993 Searchlight
1216 Bloomberg TV HD†
1217 C-SPAN HD†
1225 BBC America HD†
1262 Nat Geo Wild HD†
1265 Smithsonian HD†
1316 TV Guide Entertainment HD†
1318 EWTN HD†
1325 GSN HD†
1334 Oxygen HD†
1345 Ovation HD†
1368 Galavision HD†
1505 Sprout HD†
1511 The Hub HD†
1512 Fox Soccer Channel HD†
1513 GOL TV HD†
1630 Outdoor Channel HD†
1631 Sportsman HD†

Family Tier -
Includes C-SPAN, C-SPAN2, The Hub, Disney Channel, Disney XD, DIY, Food Network, HGTV, HLN, Nickelodeon, National Geographic Channel, Sprout, TBN, TeenNick, Science Channel and The Weather Channel.

Digital Economy -
Includes Limited Basic Service, HD broadcast channels, A&E, AMC, Animal Planet, BET, Cartoon Network, CNN, Comedy Central, C-SPAN, C-SPAN2, Discovery Channel, Disney Channel, E!, EWTN, Food Network, Fox News Channel, Hallmark Channel, H2, History Channel, HSN, QVC, Jewelry TV, Lifetime, TV Guide Entertainment, TV Land, truTV, USA, The Weather Channel, and, where available, TBN and WGN. Package also includes the corresponding HD channels (HDTV equipment is required to view Digital Economy HD channels).

MultiLatino Max -
Includes Digital Economy, MultiLatino, Bravo, ESPN, ESPN2, Golf Channel, Lifetime Movie Network, MTV, Nickelodeon, Sprout, Syfy, TBS, TLC, TNT, NBC Sports Network, VH1, Comcast SportsNet and all associated regional sports overflow channels.

MultiLatino Ultra –
Includes all channels available with MultiLatino Max and Digital Preferred Tier.



A current line-up is always available on-line at www.comcast.com

# EXHIBIT 3

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# FiOS TV Channels

**Use the tools below to compare FIOS TV packages, explore channel listings and choose your favorite channels.**

| Choose Plans to Compare | | FiOS TV Prime HD<br>244 Channels<br>63 HD | FiOS TV Extreme HD<br>326 Channels<br>83 HD |
|---|---|---|---|
| 3 | CBS - KYW-TV 3 | ■ | ■ |
| 6 | ABC - WPVI-TV 6 | ■ | ■ |
| 8 | WGN America | ■ | ■ |
| 9 | Pennsylvania Cable N... | ■ | ■ |
| 10 | NBC - WCAU-TV 10 | ■ | ■ |
| 12 | PBS - WHYY-TV 12 | ■ | ■ |
| 13 | FOX - WTXF-TV 29 | ■ | ■ |
| 14 | Univision - WUVP-TV ... | ■ | ■ |
| 15 | WFMZ-TV 69 | ■ | ■ |
| 16 | CW - WPSG-TV 57 | ■ | ■ |
| 17 | PHL 17 | ■ | ■ |
| 18 | ION-TV 61 | ■ | ■ |
| 19 | WMCN-TV 44 | ■ | ■ |
| 23 | NJTV. | ■ | ■ |
| 25 | WTVE-TV 51 | ■ | ■ |
| 26 | WFPA Telefutura | ■ | ■ |
| 27 | Telemundo - WWSI-TV ... | ■ | ■ |
| 28 | Colonial School Dist... | ■ | ■ |
| 35 | MiND - WYBE-TV 35 | ■ | ■ |
| 38 | Springfield Township... | ■ | ■ |
| 39 | PBS - WLVT-TV 39 | ■ | ■ |
| 46 | Whitemarsh Twp Cable... | ■ | ■ |
| 47 | TBN - WGTW-TV-48 | ■ | ■ |
| 49 | Weatherscan Local | ■ | ■ |
| 50 | USA Network | ■ | ■ |
| 51 | TNT | ■ | ■ |
| 52 | TBS | ■ | ■ |
| 53 | FX | ■ | ■ |
| 54 | Spike TV | ■ | ■ |
| 70 | ESPN | ■ | ■ |

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| | | | |
|---|---|---|---|
| 71 | ESPN Classic | | [redacted] |
| 72 | ESPNews | | [redacted] |
| 73 | ESPN U | [redacted] | [redacted] |
| 74 | ESPN2 | [redacted] | [redacted] |
| 76 | Comcast SportsNet Ph... | [redacted] | [redacted] |
| 83 | Speed | [redacted] | [redacted] |
| 84 | Fox Soccer | | [redacted] |
| 85 | Big Ten Network | [redacted] | [redacted] |
| 86 | MLB Network | | [redacted] |
| 87 | NHL Network | | [redacted] |
| 88 | NFL Network | | [redacted] |
| 89 | NBA TV | | [redacted] |
| 90 | NBC Sports Network | [redacted] | [redacted] |
| 99 | The Comcast Network | [redacted] | [redacted] |
| 100 | CNN | [redacted] | [redacted] |
| 101 | CNN Headline News | [redacted] | [redacted] |
| 102 | CNBC | [redacted] | [redacted] |
| 103 | MSNBC | [redacted] | [redacted] |
| 104 | Bloomberg TV | [redacted] | [redacted] |
| 105 | CNN International | | [redacted] |
| 106 | CNBC World. | | [redacted] |
| 107 | BBC World News | | [redacted] |
| 109 | C-SPAN | [redacted] | [redacted] |
| 110 | C-SPAN 2 | [redacted] | [redacted] |
| 111 | C-SPAN 3 | [redacted] | [redacted] |
| 117 | Fox Business Network | | [redacted] |
| 118 | Fox News | [redacted] | [redacted] |
| 119 | The Weather Channel | [redacted] | [redacted] |
| 120 | Discovery Channel | [redacted] | [redacted] |
| 121 | National Geographic ... | [redacted] | [redacted] |
| 122 | Science | [redacted] | [redacted] |
| 123 | Investigation Discov... | [redacted] | [redacted] |
| 124 | Pentagon Channel | | [redacted] |
| 125 | Military Channel | [redacted] | [redacted] |
| 126 | Military History Cha... | | [redacted] |
| 127 | H2. | | [redacted] |
| 128 | History Channel | [redacted] | [redacted] |
| 129 | bio: The Biography C... | | [redacted] |

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| | | | |
|---|---|---|---|
| 130 | Animal Planet | [redacted] | [redacted] |
| 131 | FiOS TV Information | [redacted] | [redacted] |
| 132 | National Geographic ... | | [redacted] |
| 134 | Smithsonian Channel | | [redacted] |
| 139 | TLC | [redacted] | [redacted] |
| 140 | Lifetime | [redacted] | [redacted] |
| 141 | LMN | [redacted] | [redacted] |
| 142 | Lifetime Real Women | | [redacted] |
| 143 | Soapnet | [redacted] | [redacted] |
| 144 | Oxygen | [redacted] | [redacted] |
| 149 | WE tv | [redacted] | [redacted] |
| 150 | QVC | [redacted] | [redacted] |
| 151 | HSN | [redacted] | [redacted] |
| 152 | Liquidation Channel | [redacted] | [redacted] |
| 155 | Jewelry Television | [redacted] | [redacted] |
| 157 | ShopNBC | [redacted] | [redacted] |
| 158 | WOW | [redacted] | [redacted] |
| 160 | Style | | [redacted] |
| 161 | OWN: Oprah Winfrey N... | | [redacted] |
| 162 | Veria Living | | [redacted] |
| 163 | Discovery Fit & Heal... | | [redacted] |
| 164 | Food Network | [redacted] | [redacted] |
| 165 | HGTV | [redacted] | [redacted] |
| 166 | Cooking Channel | | [redacted] |
| 167 | DIY [Do It Yourself] | | [redacted] |
| 168 | Planet Green | | [redacted] |
| 169 | Wealth TV | | [redacted] |
| 170 | Travel Channel | [redacted] | [redacted] |
| 180 | Syfy | [redacted] | [redacted] |
| 181 | A&E | [redacted] | [redacted] |
| 182 | Crime & Investigatio... | | [redacted] |
| 183 | truTV | [redacted] | [redacted] |
| 184 | GSN [Game Show Netwo... | | [redacted] |
| 185 | Bravo | [redacted] | [redacted] |
| 186 | cloo | | [redacted] |
| 187 | Logo | [redacted] | [redacted] |
| 188 | Ovation | | [redacted] |
| 189 | BBC America | | [redacted] |

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| | | | |
|---|---|---|---|
| 190 | Comedy Central | ■ | ■ |
| 191 | G4 | | ■ |
| 192 | Current TV | | ■ |
| 193 | Chiller | | ■ |
| 194 | TV Guide Network | ■ | ■ |
| 196 | E! Entertainment Tel... | ■ | ■ |
| 197 | FEARnet | | ■ |
| 198 | FUEL TV | | ■ |
| 199 | ABC Family | ■ | ■ |
| 210 | MTV | ■ | ■ |
| 211 | MTV2 | ■ | ■ |
| 212 | mtvU | | ■ |
| 213 | MTV Jams | | ■ |
| 214 | MTV Hits | | ■ |
| 216 | fuse | ■ | ■ |
| 217 | VH1 | ■ | ■ |
| 218 | VH1 Classic | ■ | ■ |
| 219 | VH1 Soul | | ■ |
| 220 | Centric | ■ | ■ |
| 221 | CMT | ■ | ■ |
| 222 | CMT Pure Country | | ■ |
| 223 | Great American Count... | | ■ |
| 224 | gmc | ■ | |
| 225 | BET Gospel | | ■ |
| 229 | Mnet | ■ | ■ |
| 230 | Turner Classic Movie... | ■ | ■ |
| 231 | AMC | ■ | ■ |
| 232 | Fox Movie Channel | | ■ |
| 233 | ReelzChannel | ■ | ■ |
| 234 | IFC | | ■ |
| 239 | Hallmark Movie Chann... | ■ | |
| 240 | Hallmark Channel | ■ | ■ |
| 242 | Family Net | | ■ |
| 243 | Youtoo | | ■ |
| 244 | TV Land | ■ | ■ |
| 245 | Retirement Living | ■ | |
| 246 | Blue Highways TV | ■ | |
| 247 | RFD TV | ■ | |

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| | | | |
|---|---|---|---|
| 250 | Disney Channel | [redacted] | [redacted] |
| 251 | Disney XD | [redacted] | [redacted] |
| 252 | Nickelodeon | [redacted] | [redacted] |
| 253 | Nick 2 | | [redacted] |
| 254 | Nick Toons | [redacted] | [redacted] |
| 255 | TeenNick | [redacted] | [redacted] |
| 256 | Nick Jr. | [redacted] | [redacted] |
| 257 | Cartoon Network | [redacted] | [redacted] |
| 258 | Boomerang | | [redacted] |
| 259 | The Hub | [redacted] | [redacted] |
| 260 | Disney Junior | [redacted] | [redacted] |
| 263 | PBS Kids Sprout | [redacted] | [redacted] |
| 270 | BET | [redacted] | [redacted] |
| 271 | TV One | | [redacted] |
| 273 | Tr3s: MTV, Musica y ... | [redacted] | [redacted] |
| 274 | Galavisión | | [redacted] |
| 275 | Mun2 | | [redacted] |
| 276 | nuvo TV | | [redacted] |
| 277 | CCTV News | | [redacted] |
| 279 | HITn | | [redacted] |
| 281 | Sino TV Network | [redacted] | [redacted] |
| 285 | EWTN | [redacted] | [redacted] |
| 286 | INSP | [redacted] | [redacted] |
| 287 | Halogen TV | | [redacted] |
| 288 | Church Channel | [redacted] | [redacted] |
| 289 | JCTV | [redacted] | [redacted] |
| 290 | BYU Television | | [redacted] |
| 291 | Three Angels Broadca... | | [redacted] |
| 292 | The Word | [redacted] | [redacted] |
| 293 | Daystar | [redacted] | [redacted] |
| 294 | Smile of a Child | | [redacted] |
| 295 | TBN - TRINITY | [redacted] | [redacted] |
| 297 | The SonLife Broadcas... | [redacted] | [redacted] |
| 300 | Fox College Sports A... | | [redacted] |
| 301 | Fox College Sports C... | | [redacted] |
| 302 | Fox College Sports P... | | [redacted] |
| 304 | Golf Channel | | [redacted] |
| 311 | Fox Deportes | [redacted] | [redacted] |

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| | | | |
|---|---|---|---|
| 330 | Big Ten 1 | ■ | ■ |
| 331 | Big Ten 2 | ■ | ■ |
| 340 | Starz | ★ | ★ |
| 341 | Starz West | ★ | ★ |
| 342 | Starz Edge | ★ | ★ |
| 343 | Starz Edge West | ★ | ★ |
| 344 | Starz in Black | ★ | ★ |
| 345 | Starz Kids & Family | ★ | ★ |
| 346 | Starz Cinema | ★ | ★ |
| 347 | Starz Comedy | ★ | ★ |
| 348 | IndiePlex | ★ | ★ |
| 349 | RetroPlex | ★ | ★ |
| 350 | Encore | ★ | ★ |
| 351 | Encore West | ★ | ★ |
| 352 | Encore Love | ★ | ★ |
| 353 | Encore Love West | ★ | ★ |
| 354 | Encore Westerns | ★ | ★ |
| 355 | Encore Westerns West | ★ | ★ |
| 356 | Encore Suspense | ★ | ★ |
| 357 | Encore Suspense West | ★ | ★ |
| 358 | Encore Drama | ★ | ★ |
| 359 | Encore Drama West | ★ | ★ |
| 360 | Encore Action | ★ | ★ |
| 361 | Encore Action West | ★ | ★ |
| 362 | Encore Family | ★ | ★ |
| 363 | Encore Español | ★ | ★ |
| 365 | Showtime | ★ | ★ |
| 366 | Showtime West | ★ | ★ |
| 367 | Showtime Showcase | ★ | ★ |
| 368 | Showtime Showcase We... | ★ | ★ |
| 369 | Showtime 2 | ★ | ★ |
| 370 | Showtime 2 West | ★ | ★ |
| 371 | Showtime Beyond | ★ | ★ |
| 372 | Showtime Beyond West | ★ | ★ |
| 373 | Showtime Extreme | ★ | ★ |
| 374 | Showtime Extreme Wes... | ★ | ★ |
| 375 | Showtime Women | ★ | ★ |
| 376 | Showtime Women West | ★ | ★ |

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| | | | |
|---|---|---|---|
| 377 | Showtime Next | ★ | ★ |
| 378 | Showtime Next West | ★ | ★ |
| 379 | Showtime Family Zone | ★ | ★ |
| 380 | Showtime Family Zone... | ★ | ★ |
| 385 | The Movie Channel | ★ | ★ |
| 386 | The Movie Channel We... | ★ | ★ |
| 387 | The Movie Channel Xt... | ★ | ★ |
| 388 | The Movie Channel Xt... | ★ | ★ |
| 390 | Flix | ★ | ★ |
| 391 | Flix West | ★ | ★ |
| 392 | Sundance Channel | ★ | ★ |
| 395 | EPIX | ★ | ★ |
| 400 | HBO | ★ | ★ |
| 401 | HBO West | ★ | ★ |
| 402 | HBO 2 | ★ | ★ |
| 403 | HBO 2 West | ★ | ★ |
| 404 | HBO Signature | ★ | ★ |
| 405 | HBO Signature West | ★ | ★ |
| 406 | HBO Family | ★ | ★ |
| 407 | HBO Family West | ★ | ★ |
| 408 | HBO Comedy | ★ | ★ |
| 409 | HBO Comedy West | ★ | ★ |
| 410 | HBO Zone | ★ | ★ |
| 411 | HBO Zone West | ★ | ★ |
| 412 | HBO Latino | ★ | ★ |
| 413 | HBO Latino West | ★ | ★ |
| 420 | Cinemax | ★ | ★ |
| 421 | Cinemax West | ★ | ★ |
| 422 | More Max | ★ | ★ |
| 423 | More Max West | ★ | ★ |
| 424 | Action Max | ★ | ★ |
| 425 | Action Max West | ★ | ★ |
| 426 | Thriller Max | ★ | ★ |
| 427 | Thriller Max West | ★ | ★ |
| 428 | W Max | ★ | ★ |
| 429 | At Max | ★ | ★ |
| 430 | Five Star Max | ★ | ★ |
| 431 | Outer Max | ★ | ★ |

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|---|---|---|---|
| 460 | NBC Nonstop [WCAU] | [redacted] | [redacted] |
| 463 | WPHL Antenna TV | [redacted] | [redacted] |
| 465 | ABC Live Well [WPVI] | [redacted] | [redacted] |
| 466 | ABC Live Well WPVI | [redacted] | [redacted] |
| 467 | This TV Network WPHL | [redacted] | [redacted] |
| 468 | WPHL Tango Traffic | [redacted] | [redacted] |
| 471 | WLVT V-ME | [redacted] | [redacted] |
| 472 | WLVT Create | [redacted] | [redacted] |
| 473 | WHYY 2 | [redacted] | [redacted] |
| 474 | WHYYARTS | [redacted] | [redacted] |
| 475 | WYBE NHK World | [redacted] | [redacted] |
| 477 | WYBE France 24 | [redacted] | [redacted] |
| 478 | WYBE RT TV | [redacted] | [redacted] |
| 491 | Qubo [WPPX] | [redacted] | [redacted] |
| 492 | ION Life [WPPX] | [redacted] | [redacted] |
| 503 | CBS - KYW HD | [redacted] | [redacted] |
| 506 | ABC - WPVI HD | [redacted] | [redacted] |
| 510 | NBC - WCAU HD | [redacted] | [redacted] |
| 512 | PBS - WHYY HD | [redacted] | [redacted] |
| 513 | FOX - WTXF HD | [redacted] | [redacted] |
| 514 | Univision - WUVP-TV... | [redacted] | [redacted] |
| 515 | WFMZ TV 69 HD | [redacted] | [redacted] |
| 516 | CW - WPSG HD | [redacted] | [redacted] |
| 517 | PHL 17 HD | [redacted] | [redacted] |
| 518 | ION HD | [redacted] | [redacted] |
| 523 | NJTV HD | [redacted] | [redacted] |
| 539 | PBS WLVT-TV 39 HD | [redacted] | [redacted] |
| 550 | USA HD | [redacted] | [redacted] |
| 551 | TNT HD | [redacted] | [redacted] |
| 552 | TBS HD | [redacted] | [redacted] |
| 553 | FX HD | [redacted] | [redacted] |
| 554 | Spike HD | [redacted] | [redacted] |
| 567 | Universal HD | | [redacted] |
| 568 | WGN America HD | | [redacted] |
| 569 | HD Net | | [redacted] |
| 570 | ESPN HD | [redacted] | [redacted] |
| 571 | ESPN Buzzer Beater H... | | [redacted] |
| 572 | ESPNews HD | | [redacted] |

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| 573 | ESPN U HD | [redacted] | [redacted] |
| 574 | ESPN2 HD | [redacted] | [redacted] |
| 576 | Comcast SportsNet Ph... | [redacted] | [redacted] |
| 583 | Speed HD | [redacted] | [redacted] |
| 584 | Fox Soccer HD | | [redacted] |
| 585 | Big Ten Network HD | [redacted] | [redacted] |
| 586 | MLB Network HD | | [redacted] |
| 587 | NHL Network HD | | [redacted] |
| 588 | NFL Network HD | | [redacted] |
| 589 | NBA TV HD | | [redacted] |
| 590 | NBC Sports Network H... | [redacted] | [redacted] |
| 593 | Golf Channel HD | | [redacted] |
| 600 | CNN HD | [redacted] | [redacted] |
| 602 | CNBC HD+ | [redacted] | [redacted] |
| 603 | MSNBC HD | [redacted] | [redacted] |
| 617 | Fox Business Network... | | [redacted] |
| 618 | Fox News HD | [redacted] | [redacted] |
| 619 | The Weather Channel ... | [redacted] | [redacted] |
| 620 | Discovery Channel HD | [redacted] | [redacted] |
| 621 | National Geographic ... | [redacted] | [redacted] |
| 622 | Science HD | [redacted] | [redacted] |
| 623 | Investigation Discov... | [redacted] | [redacted] |
| 628 | History Channel HD | [redacted] | [redacted] |
| 629 | bio: The Biography C... | | [redacted] |
| 630 | Animal Planet HD | [redacted] | [redacted] |
| 631 | Velocity | | [redacted] |
| 632 | National Geographic ... | | [redacted] |
| 634 | Smithsonian Channel ... | | [redacted] |
| 639 | TLC HD | [redacted] | [redacted] |
| 640 | Lifetime HD | [redacted] | [redacted] |
| 641 | LMN HD | [redacted] | [redacted] |
| 649 | WE tv HD | [redacted] | [redacted] |
| 650 | QVC HD | [redacted] | [redacted] |
| 651 | HSN HD | [redacted] | [redacted] |
| 664 | Food Network HD | [redacted] | [redacted] |
| 665 | HGTV HD | [redacted] | [redacted] |
| 668 | Planet Green HD | | [redacted] |
| 669 | Wealth TV HD | | [redacted] |

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| 670 | Travel Channel HD | ■ | ■ |
| 680 | Syfy HD | ■ | ■ |
| 681 | A&E HD | ■ | ■ |
| 683 | tru TV HD | ■ | ■ |
| 685 | Bravo HD | ■ | ■ |
| 690 | Comedy Central HD | ■ | ■ |
| 696 | E! HD Entertainment ... | ■ | ■ |
| 699 | ABC Family HD | ■ | ■ |
| 710 | MTV HD | ■ | ■ |
| 711 | Palladia HD. | | ■ |
| 716 | fuse HD | ■ | ■ |
| 717 | VH1 HD | ■ | ■ |
| 721 | CMT HD | ■ | ■ |
| 731 | AMC HD | ■ | ■ |
| 734 | IFC HD | | ■ |
| 739 | Hallmark Movie Chann... | ■ | |
| 746 | HD Net Movies | | ■ |
| 752 | Nickelodeon HD | ■ | ■ |
| 770 | BET HD | ■ | ■ |
| 780 | Disney Channel HD | ■ | ■ |
| 781 | Disney XD HD | ■ | ■ |
| 789 | The Hub HD | ■ | ■ |
| 840 | Starz HD | ★ | ★ |
| 842 | Starz Edge HD | ★ | ★ |
| 845 | Starz Kids & Family ... | ★ | ★ |
| 847 | Starz Comedy HD | ★ | ★ |
| 850 | Encore HD | ★ | ★ |
| 865 | Showtime HD | ★ | ★ |
| 866 | Showtime West HD | ★ | ★ |
| 867 | Showtime Showcase HD | ★ | ★ |
| 868 | Showtime Showcase We... | ★ | ★ |
| 869 | Showtime 2 HD | ★ | ★ |
| 870 | Showtime 2 West HD | ★ | ★ |
| 873 | Showtime Extreme HD | ★ | ★ |
| 874 | Showtime Extreme Wes... | ★ | ★ |
| 885 | The Movie Channel HD | ★ | ★ |
| 887 | The Movie Channel Xt... | ★ | ★ |
| 895 | EPIX HD | ★ | ★ |

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| | | | |
|---|---|---|---|
| 896 | EPIX 2 HD | ★ | ★ |
| 899 | HBO HD | ★ | ★ |
| 901 | HBO West HD | ★ | ★ |
| 902 | HBO 2 HD | ★ | ★ |
| 903 | HBO 2 West HD | ★ | ★ |
| 904 | HBO Signature HD | ★ | ★ |
| 905 | HBO Signature West H... | ★ | ★ |
| 906 | HBO Family HD | ★ | ★ |
| 907 | HBO Family West HD | ★ | ★ |
| 908 | HBO Comedy HD | ★ | ★ |
| 909 | HBO Comedy West HD | ★ | ★ |
| 910 | HBO Zone HD | ★ | ★ |
| 911 | HBO Zone West HD | ★ | ★ |
| 912 | HBO Latino HD | ★ | ★ |
| 913 | HBO Latino West HD | ★ | ★ |
| 920 | Cinemax HD | ★ | ★ |
| 921 | Cinemax West HD | ★ | ★ |
| 922 | More Max HD | ★ | ★ |
| 923 | More Max West HD | ★ | ★ |
| 924 | Action Max HD | ★ | ★ |
| 926 | Thriller Max HD | ★ | ★ |
| 928 | W Max HD | ★ | ★ |
| 929 | At Max HD | ★ | ★ |
| 930 | Five Star Max HD | ★ | ★ |
| 931 | Outer Max HD | ★ | ★ |
| 1002 | ESPN 3D | ★ | ★ |
| 1520 | ESPN Deportes | | ■ |
| 1564 | Nat Geo Mundo | | ■ |
| 1582 | Utilísima | | ■ |
| 1799 | SWRV [Music Choice] | | ■ |
| 1800 | MC Hit List | ■ | ■ |
| 1801 | MC Hip-Hop and R&B | ■ | ■ |
| 1802 | MC Mixtape | ■ | ■ |
| 1803 | MC Dance/Electronica | ■ | ■ |
| 1804 | MC Rap | ■ | ■ |
| 1805 | MC Hip-Hop Classics | ■ | ■ |
| 1806 | MC Throwback Jamz | ■ | ■ |
| 1807 | MC R&B Classics | ■ | ■ |

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|---|---|---|---|
| 1808 | MC R&B Soul | [redacted] | [redacted] |
| 1809 | MC Gospel | [redacted] | [redacted] |
| 1810 | MC Reggae | [redacted] | [redacted] |
| 1811 | MC Classic Rock | [redacted] | [redacted] |
| 1812 | MC Retro Rock | [redacted] | [redacted] |
| 1813 | MC Rock | [redacted] | [redacted] |
| 1814 | MC Metal | [redacted] | [redacted] |
| 1815 | MC Alternative | [redacted] | [redacted] |
| 1816 | MC Classic Alternati... | [redacted] | [redacted] |
| 1817 | MC Adult Alternative | [redacted] | [redacted] |
| 1818 | MC Soft Rock | [redacted] | [redacted] |
| 1819 | MC Pop Hits | [redacted] | [redacted] |
| 1820 | MC 90s | [redacted] | [redacted] |
| 1821 | MC 80s | [redacted] | [redacted] |
| 1822 | MC 70s | [redacted] | [redacted] |
| 1823 | MC Solid Gold Oldies | [redacted] | [redacted] |
| 1824 | MC Party Favorites | [redacted] | [redacted] |
| 1825 | MC Stage & Screen | [redacted] | [redacted] |
| 1826 | MC Kidz Only! | [redacted] | [redacted] |
| 1827 | MC Toddler Tunes | [redacted] | [redacted] |
| 1828 | MC Today's Country | [redacted] | [redacted] |
| 1829 | MC True Country | [redacted] | [redacted] |
| 1830 | MC Classic Country | [redacted] | [redacted] |
| 1831 | MC Contemporary Chri... | [redacted] | [redacted] |
| 1832 | MC Sounds of the Sea... | [redacted] | [redacted] |
| 1833 | MC Soundscapes | [redacted] | [redacted] |
| 1834 | MC Smooth Jazz | [redacted] | [redacted] |
| 1835 | MC Jazz | [redacted] | [redacted] |
| 1836 | MC Blues | [redacted] | [redacted] |
| 1837 | MC Singers & Swing | [redacted] | [redacted] |
| 1838 | MC Easy Listening | [redacted] | [redacted] |
| 1839 | MC Classical Masterp... | [redacted] | [redacted] |
| 1840 | MC Light Classical | [redacted] | [redacted] |
| 1841 | MC Musica Urbana | [redacted] | [redacted] |
| 1842 | MC Pop Latino | [redacted] | [redacted] |
| 1843 | MC Tropicales | [redacted] | [redacted] |
| 1844 | MC Mexicana | [redacted] | [redacted] |
| 1845 | MC Romances | [redacted] | [redacted] |

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■ Included ★ Premium ♥ My Favorites

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 4

**Shoemaker, Marlene**

**From:** Giroux, Fred
**Sent:** Friday, January 06, 2012 11:09 AM
**To:** Shoemaker, Marlene
**Subject:** FW: Letter Requesting Verizon Video Subscribership in Certain Communities for Purposes of Effective Competition Analysis

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**From:** Edgington, M Eric (Eric) [mailto:eric.edgington@verizon.com]
**Sent:** Wednesday, September 28, 2011 6:05 PM
**To:** Giroux, Fred
**Subject:** RE: Letter Requesting Verizon Video Subscribership in Certain Communities for Purposes of Effective Competition Analysis

Subject to the terms set forth in your e-mail below and in your previous correspondence on this matter, please find below the Verizon FiOS video subscriber count information for the below requested communities.

Whitemarsh Township, Pa.

Eric Edgington

Associate General Counsel

Ofc. 813.483.2618

Fax. 813.204.8870

# EXHIBIT 5

MEDIABIZ

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 6

# 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 July 7, 2011 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: July 14, 2011

| ZIP Codes | DTH Count |
|---|---|
| Requested total for Whitemarsh, PA | |

Data is current through 6/30/2011

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.

; oldest data from 2011-06-30
190025106
190025133
190025146
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190025239
190025302
190025304
190025305
190025306
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190025311
190025400
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190311001
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# EXHIBIT 7

REDACTED - FOR PUBLIC INSPECTION

U.S. Census Bureau

AMERICAN FactFinder

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.

| | Whitemarsh township, Montgomery County, Pennsylvania |
|---|---|
| Total: | 7,105 |
| Occupied | 6,744 |
| Vacant | 361 |

1 - 3 of 3

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

# EXHIBIT 8

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | Community | State | Total DBS Subscribers | Total Verizon Subscribers | 2010 Census Occupied Housing Units | % of DBS Penetration in Franchise Area Column C + D/ Column E |
| 2 | Whitemarsh Township | PA | [redacted] | [redacted] | 6,744 | 37.10% |

## CERTIFICATE OF SERVICE

I, Deborah D. Williams, do hereby certify on this 29th day of May, 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:

Bruce G. Horrocks
Township Manager
Whitemarsh Township
616 Germantown Pike
Lafayette Hill, PA 19444-1821

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

Deborah D. Williams

Deborah D. Williams