

APPENDIX A
Forward Auction Blocks in Each PEA

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA001	New York, NY	9	1	10	0
PEA002	Los Angeles, CA*	5	0	5	0
PEA003	Chicago, IL	10	0	10	0
PEA004	San Francisco, CA	10	0	10	0
PEA005	Baltimore, MD-Washington, DC	7	1	8	0
PEA006	Philadelphia, PA	8	1	9	0
PEA007	Boston, MA	10	0	10	0
PEA008	Dallas, TX	10	0	10	0
PEA009	Miami, FL	10	0	10	0
PEA010	Houston, TX	10	0	10	0
PEA011	Atlanta, GA	9	1	10	0
PEA012	Detroit, MI	10	0	10	0
PEA013	Orlando, FL	10	0	10	0
PEA014	Cleveland, OH	8	1	9	1
PEA015	Phoenix, AZ*	8	0	8	0
PEA016	Seattle, WA	10	0	10	0
PEA017	Minneapolis-St. Paul, MN	10	0	10	0
PEA018	San Diego, CA*	4	0	4	0
PEA019	Portland, OR	10	0	10	0
PEA020	Denver, CO	10	0	10	0
PEA021	Tampa, FL	10	0	10	0
PEA022	Sacramento, CA	10	0	10	0
PEA023	Pittsburgh, PA	10	0	10	0
PEA024	Saint Louis, MO	10	0	10	0
PEA025	Cincinnati, OH	10	0	10	0
PEA026	Las Vegas, NV	10	0	10	0
PEA027	Salt Lake City, UT	10	0	10	0
PEA028	San Antonio, TX	10	0	10	0
PEA029	Jacksonville, FL	10	0	10	0
PEA030	Kansas City, MO	10	0	10	0

* The availability of spectrum along the Southern border is limited by impairments that result from U.S. international obligations to protect Mexican television stations below channel 37. While Mexico has agreed to clear the 600 MHz Band for mobile broadband use from channel 51 down to channel 37, the initial clearing target of 126 MHz would repurpose spectrum down to channel 29. Thus, the obligation to protect Mexican stations that remain in channels 29-36 will create impairments along the border in several blocks. *See Exchange of Coordination Letters with IFT Regarding DTV Transition and Reconfiguration of 600 MHz Band Spectrum, U.S.-Mex., July 15, 2015, available at www.fcc.gov/about-fcc/fcc-initiatives/incentive-auctions/resources.*

**No Category 1 Block has more than 15 percent of its population subject to impairment.

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA031	Indianapolis, IN	8	2	10	0
PEA032	Nashville, TN	10	0	10	0
PEA033	Virginia Beach, VA	9	1	10	0
PEA034	Fresno, CA	10	0	10	0
PEA035	Austin, TX	10	0	10	0
PEA036	New Orleans, LA	10	0	10	0
PEA037	Columbus, OH	10	0	10	0
PEA038	Milwaukee, WI	10	0	10	0
PEA039	Oklahoma City, OK	10	0	10	0
PEA040	Birmingham, AL	10	0	10	0
PEA041	Syracuse, NY	8	0	8	0
PEA042	Honolulu, HI	10	0	10	0
PEA043	Charlotte, NC	10	0	10	0
PEA044	Rochester, NY	8	0	8	0
PEA045	Raleigh, NC	10	0	10	0
PEA046	Little Rock, AR	10	0	10	0
PEA047	Brownsville, TX*	4	0	4	0
PEA048	Harrisburg, PA	8	0	8	0
PEA049	Albany, NY	9	1	10	0
PEA050	Greenville, SC	9	0	9	0
PEA051	Louisville, KY	10	0	10	0
PEA052	Charleston, WV	10	0	10	0
PEA053	Tucson, AZ*	4	0	4	0
PEA054	Buffalo, NY	8	0	8	0
PEA055	Huntsville, AL	10	0	10	0
PEA056	Kalamazoo, MI	8	2	10	0
PEA057	Richmond, VA	8	2	10	0
PEA058	Bloomington, IN	8	2	10	0
PEA059	Memphis, TN	10	0	10	0
PEA060	Manchester, NH	10	0	10	0
PEA061	Toledo, OH	8	0	8	2
PEA062	Dayton, OH	10	0	10	0
PEA063	Tulsa, OK	10	0	10	0
PEA064	South Bend, IN	8	0	8	0
PEA065	Cape Coral, FL	10	0	10	0
PEA066	Lansing, MI	8	2	10	0
PEA067	Sarasota, FL	10	0	10	0
PEA068	Grand Rapids, MI	10	0	10	0
PEA069	Springfield, MA	10	0	10	0
PEA070	Eugene, OR	10	0	10	0
PEA071	Knoxville, TN	10	0	10	0

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA072	Tallahassee, FL	10	0	10	0
PEA073	El Paso, TX*	4	0	4	0
PEA074	Chattanooga, TN	10	0	10	0
PEA075	Albuquerque, NM	10	0	10	0
PEA076	Reno, NV	10	0	10	0
PEA077	Portland, ME	10	0	10	0
PEA078	Greensboro, NC	10	0	10	0
PEA079	Hattiesburg, MS	10	0	10	0
PEA080	Omaha, NE	10	0	10	0
PEA081	Saginaw, MI	10	0	10	0
PEA082	Baton Rouge, LA	10	0	10	0
PEA083	Fort Wayne, IN	8	0	8	0
PEA084	Mobile, AL	10	0	10	0
PEA085	Charleston, SC	10	0	10	0
PEA086	Frankfort, KY	10	0	10	0
PEA087	Pensacola, FL	10	0	10	0
PEA088	Frederick, MD	8	0	8	0
PEA089	Columbia, SC	10	0	10	0
PEA090	Jackson, MS	10	0	10	0
PEA091	Colorado Springs, CO	10	0	10	0
PEA092	Decatur, IL	10	0	10	0
PEA093	Lafayette, LA	10	0	10	0
PEA094	Waco, TX	10	0	10	0
PEA095	Bluefield, WV	10	0	10	0
PEA096	Richmond, KY	10	0	10	0
PEA097	Mankato, MN	10	0	10	0
PEA098	Johnson City, TN	10	0	10	0
PEA099	Tupelo, MS	10	0	10	0
PEA100	Greenville, NC	10	0	10	0
PEA101	Wichita, KS	10	0	10	0
PEA102	Grand Junction, CO	10	0	10	0
PEA103	Winchester, VA	8	0	8	0
PEA104	Fort Collins, CO	10	0	10	0
PEA105	Augusta, GA	9	1	10	0
PEA106	Zanesville, OH	10	0	10	0
PEA107	Bangor, ME	10	0	10	0
PEA108	Des Moines, IA	10	0	10	0
PEA109	Rocky Mount, NC	10	0	10	0
PEA110	Jackson, TN	10	0	10	0
PEA111	Fayetteville, AR	10	0	10	0
PEA112	Bowling Green, KY	10	0	10	0

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA113	Erie, PA	7	1	8	0
PEA114	Morgantown, WV	10	0	10	0
PEA115	Asheville, NC	9	0	9	0
PEA116	Rockford, IL	10	0	10	0
PEA117	La Grange, GA	10	0	10	0
PEA118	Richmond, IN	9	1	10	0
PEA119	Yakima, WA	10	0	10	0
PEA120	Shreveport, LA	10	0	10	0
PEA121	Altoona, PA	8	0	8	1
PEA122	Madison, WI	10	0	10	0
PEA123	Mansfield, OH	10	0	10	0
PEA124	Olympia, WA	10	0	10	0
PEA125	Alton, IL	10	0	10	0
PEA126	Casa Grande, AZ*	5	4	9	0
PEA127	Evansville, IN	10	0	10	0
PEA128	Macon, GA	10	0	10	0
PEA129	Springfield, IL	10	0	10	0
PEA130	Spokane, WA	10	0	10	0
PEA131	Sanford, NC	10	0	10	0
PEA132	Corpus Christi, TX	10	0	10	0
PEA133	Nacogdoches, TX	10	0	10	0
PEA134	Newark, OH	10	0	10	0
PEA135	Beaumont, TX	10	0	10	0
PEA136	Williamsport, PA	10	0	10	0
PEA137	Eau Claire, WI	10	0	10	0
PEA138	Burlington, VT	10	0	10	0
PEA139	Hot Springs, AR	10	0	10	0
PEA140	Fredericksburg, VA	9	0	9	1
PEA141	Brainerd, MN	10	0	10	0
PEA142	Merced, CA	10	0	10	0
PEA143	Keene, NH	10	0	10	0
PEA144	Paris, TX	10	0	10	0
PEA145	Columbia, TN	10	0	10	0
PEA146	Wilmington, NC	10	0	10	0
PEA147	Salisbury, MD	8	0	8	0
PEA148	Bellingham, WA	10	0	10	0
PEA149	Biloxi, MS	10	0	10	0
PEA150	Rolla, MO	10	0	10	0
PEA151	Winston-Salem, NC	10	0	10	0
PEA152	Tyler, TX	10	0	10	0
PEA153	Fond du Lac, WI	10	0	10	0

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA154	Myrtle Beach, SC	10	0	10	0
PEA155	Appleton, WI	10	0	10	0
PEA156	Boise City, ID	10	0	10	0
PEA157	Yuma, AZ*	4	0	4	0
PEA158	Helena, MT	10	0	10	0
PEA159	Valdosta, GA	10	0	10	0
PEA160	Victoria, TX	10	0	10	0
PEA161	Carbondale, IL	10	0	10	0
PEA162	Elizabethtown, KY	10	0	10	0
PEA163	Davenport, IA	10	0	10	0
PEA164	Montgomery, AL	10	0	10	0
PEA165	Rome, GA	10	0	10	0
PEA166	Redding, CA	10	0	10	0
PEA167	Harrisonburg, VA	10	0	10	0
PEA168	Peoria, IL	10	0	10	0
PEA169	Goldsboro, NC	10	0	10	0
PEA170	Dothan, AL	10	0	10	0
PEA171	Fort Smith, AR	10	0	10	0
PEA172	Duluth, MN	10	0	10	0
PEA173	Blacksburg, VA	10	0	10	0
PEA174	Springfield, MO	10	0	10	0
PEA175	Southaven, MS	10	0	10	0
PEA176	Ames, IA	10	0	10	0
PEA177	Savannah, GA	10	0	10	0
PEA178	Sedalia, MO	10	0	10	0
PEA179	Burlington, IA	10	0	10	0
PEA180	Flagstaff, AZ	10	0	10	0
PEA181	Texarkana, TX	10	0	10	0
PEA182	Cedar Rapids, IA	10	0	10	0
PEA183	Columbia, MO	10	0	10	0
PEA184	Ruston, LA	10	0	10	0
PEA185	Marquette, MI	10	0	10	0
PEA186	Rock Hill, SC	9	0	9	0
PEA187	Pocatello, ID	10	0	10	0
PEA188	Jamestown, NY	7	0	7	1
PEA189	Alexandria, LA	10	0	10	0
PEA190	Bozeman, MT	10	0	10	0
PEA191	Petersburg, VA	10	0	10	0
PEA192	Fayetteville, NC	10	0	10	0
PEA193	Saint Joseph, MO	10	0	10	0
PEA194	State College, PA	9	0	9	1

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA195	Lewiston, ID	10	0	10	0
PEA196	Cape Girardeau, MO	10	0	10	0
PEA197	Wheeling, WV	10	0	10	0
PEA198	Jonesboro, AR	10	0	10	0
PEA199	Dalton, GA	10	0	10	0
PEA200	Danville, VA	10	0	10	0
PEA201	Eagle Pass, TX*	4	0	4	6
PEA202	Columbus, GA	10	0	10	0
PEA203	Traverse City, MI	10	0	10	0
PEA204	Owensboro, KY	10	0	10	0
PEA205	Douglas City, CA	10	0	10	0
PEA206	Wenatchee, WA	10	0	10	0
PEA207	Brunswick, GA	10	0	10	0
PEA208	Salisbury, NC	10	0	10	0
PEA209	Green Bay, WI	10	0	10	0
PEA210	Binghamton, NY	10	0	10	0
PEA211	Ardmore, OK	10	0	10	0
PEA212	Anchorage, AK	10	0	10	0
PEA213	Bend, OR	10	0	10	0
PEA214	Lincoln, NE	10	0	10	0
PEA215	Hickory, NC	10	0	10	0
PEA216	Joplin, MO	10	0	10	0
PEA217	Lubbock, TX	10	0	10	0
PEA218	Wausau, WI	10	0	10	0
PEA219	Mason City, IA	10	0	10	0
PEA220	Odessa, TX	10	0	10	0
PEA221	Laredo, TX*	4	0	4	0
PEA222	Morristown, TN	10	0	10	0
PEA223	Dubuque, IA	10	0	10	0
PEA224	De Kalb, IL	10	0	10	0
PEA225	La Crosse, WI	10	0	10	0
PEA226	Lima, OH	8	0	8	0
PEA227	Watertown, NY	8	0	8	0
PEA228	Roanoke, VA	10	0	10	0
PEA229	Saint George, UT	10	0	10	0
PEA230	Lumberton, NC	10	0	10	0
PEA231	Fremont, NE	10	0	10	0
PEA232	Topeka, KS	10	0	10	0
PEA233	Shelby, NC	9	0	9	0
PEA234	Lexington, NC	10	0	10	0
PEA235	Amarillo, TX	10	0	10	0

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA236	Grand Island, NE	10	0	10	0
PEA237	Hinesville, GA	10	0	10	0
PEA238	Florence, SC	10	0	10	0
PEA239	Kannapolis, NC	10	0	10	0
PEA240	Charlottesville, VA	10	0	10	0
PEA241	Dublin, GA	10	0	10	0
PEA242	Lake Charles, LA	10	0	10	0
PEA243	Paducah, KY	10	0	10	0
PEA244	Manhattan, KS	10	0	10	0
PEA245	West Plains, MO	10	0	10	0
PEA246	Auburn, AL	10	0	10	0
PEA247	Nampa, ID	10	0	10	0
PEA248	Sumter, SC	10	0	10	0
PEA249	Bryan, TX	10	0	10	0
PEA250	Las Cruces, NM*	4	0	4	0
PEA251	Salina, KS	10	0	10	0
PEA252	Sioux City, IA	10	0	10	0
PEA253	Baraboo, WI	10	0	10	0
PEA254	Merrill, WI	10	0	10	0
PEA255	Greenville, MS	10	0	10	0
PEA256	Lynchburg, VA	10	0	10	0
PEA257	Cheyenne, WY	10	0	10	0
PEA258	Cullman, AL	10	0	10	0
PEA259	Roswell, NM	10	0	10	0
PEA260	Alpena, MI	10	0	10	0
PEA261	Fargo, ND	10	0	10	0
PEA262	Hilton Head Island, SC	10	0	10	0
PEA263	Santa Fe, NM	10	0	10	0
PEA264	Kodiak, AK	10	0	10	0
PEA265	Winona, MN	10	0	10	0
PEA266	Lenoir, NC	10	0	10	0
PEA267	Sheboygan, WI	10	0	10	0
PEA268	Clinton, IA	10	0	10	0
PEA269	Racine, WI	10	0	10	0
PEA270	Ottawa, IL	10	0	10	0
PEA271	Elmira, NY	9	0	9	1
PEA272	Brownwood, TX	10	0	10	0
PEA273	Bloomington, IL	10	0	10	0
PEA274	Twin Falls, ID	10	0	10	0
PEA275	Corsicana, TX	10	0	10	0
PEA276	Rapid City, SD	10	0	10	0

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA277	Hutchinson, KS	10	0	10	0
PEA278	Bartlesville, OK	10	0	10	0
PEA279	Logan, UT	10	0	10	0
PEA280	Garden City, KS	10	0	10	0
PEA281	Muskogee, OK	10	0	10	0
PEA282	Galesburg, IL	10	0	10	0
PEA283	Plattsburgh, NY	10	0	10	0
PEA284	Greenwood, SC	9	0	9	0
PEA285	Gallup, NM	10	0	10	0
PEA286	Sioux Falls, SD	10	0	10	0
PEA287	Kenosha, WI	10	0	10	0
PEA288	Abilene, TX	10	0	10	0
PEA289	Price, UT	10	0	10	0
PEA290	Watertown, SD	10	0	10	0
PEA291	Rockingham, NC	10	0	10	0
PEA292	Pueblo, CO	10	0	10	0
PEA293	Lawrenceburg, TN	10	0	10	0
PEA294	Waterloo, IA	10	0	10	0
PEA295	Stillwater, OK	10	0	10	0
PEA296	Pottsville, PA	10	0	10	0
PEA297	Pendleton, OR	10	0	10	0
PEA298	Fairbanks, AK	10	0	10	0
PEA299	Kirksville, MO	10	0	10	0
PEA300	Selma, AL	10	0	10	0
PEA301	Rochester, MN	10	0	10	0
PEA302	Enid, OK	10	0	10	0
PEA303	Great Falls, MT	10	0	10	0
PEA304	Mount Airy, NC	10	0	10	0
PEA305	Altus, OK	10	0	10	0
PEA306	Wichita Falls, TX	10	0	10	0
PEA307	Yankton, SD	10	0	10	0
PEA308	Americus, GA	10	0	10	0
PEA309	Elizabeth City, NC	10	0	10	0
PEA310	Farmington, MO	10	0	10	0
PEA311	Trinidad, CO	10	0	10	0
PEA312	Farmington, NM	10	0	10	0
PEA313	Lockhart, TX	10	0	10	0
PEA314	Jacksonville, TX	10	0	10	0
PEA315	Sheridan, WY	10	0	10	0
PEA316	Rock Springs, WY	10	0	10	0
PEA317	Beatrice, NE	10	0	10	0

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA318	Thief River Falls, MN	10	0	10	0
PEA319	Albany, GA	10	0	10	0
PEA320	San Angelo, TX	10	0	10	0
PEA321	Batesville, IN	10	0	10	0
PEA322	Minot, ND	10	0	10	0
PEA323	Socorro, NM	10	0	10	0
PEA324	Honesdale, PA	10	0	10	0
PEA325	Bismarck, ND	10	0	10	0
PEA326	Fergus Falls, MN	10	0	10	0
PEA327	Orangeburg, SC	10	0	10	0
PEA328	Winslow, AZ	10	0	10	0
PEA329	Kingsville, TX*	4	1	5	3
PEA330	Olney, IL	10	0	10	0
PEA331	Plainview, TX	10	0	10	0
PEA332	Bennettsville, SC	10	0	10	0
PEA333	Sidney, OH	8	2	10	0
PEA334	Pampa, TX	10	0	10	0
PEA335	Natchitoches, LA	10	0	10	0
PEA336	Grand Forks, ND	10	0	10	0
PEA337	Mineral Wells, TX	10	0	10	0
PEA338	Durango, CO	10	0	10	0
PEA339	Scottsbluff, NE	10	0	10	0
PEA340	Clovis, NM	10	0	10	0
PEA341	Alamogordo, NM*	4	0	4	0
PEA342	Mitchell, SD	10	0	10	0
PEA343	Pecos, TX*	7	3	10	0
PEA344	Clanton, AL	10	0	10	0
PEA345	Newberry, SC	9	0	9	0
PEA346	Franklin, NC	9	0	9	1
PEA347	New Roads, LA	10	0	10	0
PEA348	Aberdeen, SD	10	0	10	0
PEA349	Marion, NC	9	1	10	0
PEA350	Forrest City, AR	10	0	10	0
PEA351	Dickinson, ND	10	0	10	0
PEA352	Gonzales, TX	10	0	10	0
PEA353	Watseka, IL	10	0	10	0
PEA354	New London, WI	10	0	10	0
PEA355	Casper, WY	10	0	10	0
PEA356	Colville, WA	10	0	10	0
PEA357	Espanola, NM	10	0	10	0
PEA358	Marble Falls, TX	10	0	10	0

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA359	Sterling, CO	10	0	10	0
PEA360	Juneau, AK	10	0	10	0
PEA361	Richfield, UT	10	0	10	0
PEA362	Payette, ID	10	0	10	0
PEA363	Big Spring, TX	10	0	10	0
PEA364	Butte, MT	10	0	10	0
PEA365	Vernon, TX	10	0	10	0
PEA366	Pullman, WA	10	0	10	0
PEA367	Moberly, MO	10	0	10	0
PEA368	Concordia, KS	10	0	10	0
PEA369	Red Oak, IA	10	0	10	0
PEA370	Washington, IA	10	0	10	0
PEA371	Wytheville, VA	10	0	10	0
PEA372	Colby, KS	10	0	10	0
PEA373	Walla Walla, WA	10	0	10	0
PEA374	North Platte, NE	10	0	10	0
PEA375	Deming, NM*	4	0	4	0
PEA376	Hereford, TX	10	0	10	0
PEA377	Demopolis, AL	10	0	10	0
PEA378	Waynesboro, GA	10	0	10	0
PEA379	Sault Ste. Marie, MI	10	0	10	0
PEA380	Escanaba, MI	10	0	10	0
PEA381	Del Rio, TX*	4	0	4	0
PEA382	Riverton, WY	10	0	10	0
PEA383	Creston, IA	10	0	10	0
PEA384	Manchester, IA	10	0	10	0
PEA385	Hannibal, MO	10	0	10	0
PEA386	Barnwell, SC	10	0	10	0
PEA387	Wahpeton, ND	10	0	10	0
PEA388	Atlantic, IA	10	0	10	0
PEA389	McCook, NE	10	0	10	0
PEA390	Snyder, TX	10	0	10	0
PEA391	Ontario, OR	10	0	10	0
PEA392	Maryville, MO	10	0	10	0
PEA393	Macon, MO	10	0	10	0
PEA394	Martin, SD	10	0	10	0
PEA395	Jamestown, ND	10	0	10	0
PEA396	Winterset, IA	10	0	10	0
PEA397	Aliceville, AL	10	0	10	0
PEA398	South Sioux City, NE	10	0	10	0
PEA399	Lampasas, TX	10	0	10	0

PEA ID	PEA Name	Category 1 Blocks			Total Category 2 Blocks
		Blocks With Zero Impairment	Blocks with More Than Zero Impairment**	Total Category 1 Blocks	
PEA400	Muleshoe, TX	10	0	10	0
PEA401	Floydada, TX	10	0	10	0
PEA402	Brady, TX	10	0	10	0
PEA403	Lewistown, MT	10	0	10	0
PEA404	Kanab, UT	10	0	10	0
PEA405	Jackson, WY	10	0	10	0
PEA406	Anamosa, IA	10	0	10	0
PEA407	Salmon, ID	10	0	10	0
PEA408	Ballinger, TX	10	0	10	0
PEA409	Haskell, TX	10	0	10	0
PEA410	Valentine, NE	10	0	10	0
PEA411	Van Horn, TX*	4	0	4	0
PEA412	Puerto Rico	10	0	10	0
PEA413	Guam-Northern Mariana Islands	10	0	10	0
PEA414	US Virgin Islands	10	0	10	0
PEA415	American Samoa	10	0	10	0
PEA416	Gulf of Mexico	10	0	10	0
Total		3999	31	4030	18