



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC. LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	86001		2			9		3,1279	45942	1437
2017	4	50001	5000103	1	1	10		1,272		11478	146
2017	4	50001	5000104	1	1	10		0,9284		10664	99
2017	4	50001	5000105	1	1	10		0,8091		21382	173
2017	4	50001	5000106	1	1	10		0,69		4493	31
2017	4	50001	5000107	1	1	10		0,7696		14293	110
2017	4	50001	5000108	1	1	10		0,8571		9567	82
2017	4	73001	7300101	1	1	10		0,4892		11857	58
2017	4	73001	7300102	1	1	10		0,4947		1415	7
2017	4	73001	7300103	1	1	10		0,489		5317	26
2017	4	73001	7300104	1	1	10		0,5518		5618	31
2017	4	73001	7300105	1	1	10		0,5759		4688	27
2017	4	73001	7300106	1	1	10		0,4948		3436	17
2017	4	73001	7300107	1	1	10		1,0038		7173	72
2017	4	73001	7300108	1	1	10		0,9085		7925	72
2017	4	73001	7300109	1	1	10		1,5686		16002	251
2017	4	73001	7300110	1	1	10		0,3065		9462	29
2017	4	73001	7300111	1	1	10		0,5991		2337	14
2017	4	73001	7300112	1	1	10		0,8267		2903	24
2017	4	73001	7300113	1	1	10		0,8342		2757	23
2017	4	13001	1300102	1	1	10		0,7982		49487	395
2017	4	13001	1300103	1	1	10		0,8626		49504	427
2017	4	13001	1300101	1	1	10		0,6542		59922	392
2017	4	8001	800105	1	1	10		0,7482		12564	94
2017	4	8001	800103	1	1	10		0,7233		25717	186
2017	4	8001	800102	1	1	10		1,1589		17172	199
2017	4	8001	800101	1	1	10		1,1971		26146	313
2017	4	8001	800104	1	1	10		0,6803		51304	349
2017	4	68001	6800111	1	1	10		1,0216		2643	27
2017	4	68001	6800117	1	1	10		0,816		2451	20
2017	4	68001	6800101	1	1	10		0,8555		4325	37
2017	4	68001	6800115	1	1	10		0,4887		5525	27
2017	4	68001	6800113	1	1	10		0,5113		9388	48
2017	4	68001	6800110	1	1	10		1,1515		2779	32
2017	4	68001	6800104	1	1	10		0,4412		6120	27
2017	4	68001	6800107	1	1	10		0,7531		1195	9
2017	4	68001	6800106	1	1	10		0,7624		4197	32
2017	4	68001	6800105	1	1	10		1,5359		5404	83
2017	4	68001	6800103	1	1	10		0,7612		8145	62
2017	4	68001	6800108	1	1	10		1,2232		981	12
2017	4	68001	6800116	1	1	10		2,0996		2048	43
2017	4	68001	6800112	1	1	10		0,5533		7771	43
2017	4	11001	1100107	1	1	10		0,7388		80676	596
2017	4	11001	1100111	1	1	10		0,9131		115436	1054
2017	4	11001	1100105	1	1	10		0,9082		36117	328
2017	4	76834		1	1		10	0,8414		15570	131
2017	4	76109		1	1		10	0,6378		36843	235
2017	4	76147		1	1		10	0,7224		19656	142
2017	4	76520		1	1		10	1,196		29934	358
2017	4	76892		1	1		10	0,8493		19428	165
2017	4	76130		1	1		10	0,9395		11708	110
2017	4	76364		1	1		10	1,1088		21285	236
2017	4	76111		1	1		10	0,7058		9918	70
2017	4	73001		1	1	10		0,8447		90324	763
2017	4	52001		1	1	10		1,1101		77832	864
2017	4	15001		1	1	10		0,7251		36135	262
2017	4	8001		1	1	10		0,8609		134972	1162
2017	4	11001		1	1	10		1,3333	1,2645	1046194	13949
2017	4	63001		1	1	10		0,5437		41014	223
2017	4	11001	1100108	1	1	10		1,3664		151496	2070
2017	4	11001	1100101	1	1	10		0,9977		62042	619
2017	4	11001	1100110	1	1	10		3,0188		107030	3231
2017	4	11001	1100109	1	1	10		0,8277		63553	526
2017	4	11001	1100114	1	1	10		0,7328		31113	228
2017	4	11001	1100103	1	1	10		0,7887		33346	263
2017	4	11001	1100102	1	1	10		2,2312		42219	942
2017	4	11001	1100117	1	1	10		1,1486		10273	118
2017	4	11001	1100106	1	1	10		0,7076		27842	197
2017	4	11001	1100113	1	1	10		3,8646		27247	1053
2017	4	11001	1100118	1	1	10		1,174		44038	517
2017	4	11001	1100116	1	1	10		1,1931		50206	599
2017	4	11001	1100104	1	1	10		1,341		46680	626
2017	4	11001	1100115	1	1	10		0,746		18900	141
2017	4	11001	1100112	1	1	10		0,5994		34199	205
2017	4	11001	1100119	1	1	10		0,9972		63781	636
2017	4	76001	7600101	1	1	10		0,3709		3235	12
2017	4	76001	7600102	1	1	10		0,5595		20377	114
2017	4	76001	7600103	1	1	10		0,6004		12326	74
2017	4	76001	7600104	1	1	10		0,324		8025	26



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## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	76001	7600105	1	1	10		0,4208		6891	29
2017	4	76001	7600106	1	1	10		0,8239		6797	56
2017	4	76001	7600107	1	1	10		0,6629		5732	38
2017	4	76001	7600108	1	1	10		0,6632		7992	53
2017	4	76001	7600109	1	1	10		0,6492		7548	49
2017	4	76001	7600110	1	1	10		0,9047		7848	71
2017	4	76001	7600111	1	1	10		1,3877		6774	94
2017	4	76001	7600112	1	1	10		1,1196		1965	22
2017	4	76001	7600113	1	1	10		0,8155		9565	78
2017	4	76001	7600114	1	1	10		0,7663		11484	88
2017	4	76001	7600115	1	1	10		0,6352		5982	38
2017	4	76001	7600116	1	1	10		0,9873		7191	71
2017	4	76001	7600117	1	1	10		0,9433		13781	130
2017	4	76001	7600118	1	1	10		0,4705		9351	44
2017	4	76001	7600119	1	1	10		0,9604		16660	160
2017	4	76001	7600120	1	1	10		0,5517		1994	11
2017	4	76001	7600121	1	1	10		0,6059		3961	24
2017	4	76001	7600122	1	1	10		2,1724		4235	92
2017	4	54001	5400106	1	1	10		0,8416		14021	118
2017	4	54001	5400101	1	1	10		0,3627		20677	75
2017	4	54001	5400104	1	1	10		0,849		6478	55
2017	4	54001	5400110	1	1	10		1,2179		5173	63
2017	4	54001	5400108	1	1	10		1,0456		14441	151
2017	4	54001	5400105	1	1	10		0,9222		9759	90
2017	4	54001	5400103	1	1	10		1,1667		6000	70
2017	4	54001	5400107	1	1	10		0,6563		12341	81
2017	4	54001	5400109	1	1	10		0,8637		8799	76
2017	4	54001	5400102	1	1	10		0,5166		8517	44
2017	4	50001		1	1	10		1,0389		117717	1223
2017	4	54001		1	1	10		0,836		113273	947
2017	4	76001		1	1	10		0,8022		186352	1495
2017	4	70001		1	1	10		0,7774		60070	467
2017	4	68001		1	1	10		0,8109		64130	520
2017	4	66001		1	1	10		1,0554		65757	694
2017	4	41001		1	1	10		1,2848		66861	859
2017	4	13001		1	1	10		0,7639		158913	1214
2017	4	50001	5000101	1	1	10		1,0196		7846	80
2017	4	50001	5000102	1	1	10		0,8252		13452	111
2017	4	17001		1	1	11		0,6267		51856	325
2017	4	95001		2	1	18		0,6291		10333	65
2017	4	25430		1	1		18	0,991		24420	242
2017	4	68679		1	1		18	0,6566		8833	58
2017	4	25214		1	1		18	1,1166		5463	61
2017	4	68307		1	1		18	1,0563		21490	227
2017	4	15491		1	1		18	1,7398		2644	46
2017	4	25817		1	1		18	0,551		11797	65
2017	4	68276		1	1		18	1,1792		25018	295
2017	4	25754		1	1		18	1,0107		91619	926
2017	4	25290		1	1		18	1,3331		29480	393
2017	4	25126		1	1		18	1,124		18594	209
2017	4	25899		1	1		18	1,3424		27191	365
2017	4	25269		1	1		18	1,1691		26944	315
2017	4	68547		1	1		18	1,3038		20248	264
2017	4	15759		1	1		18	1,0345		38860	402
2017	4	15572		1	1		18	1,3794		15007	207
2017	4	25799		1	1		18	1,0078		6251	63
2017	4	25286		1	1		18	1,414		26308	372
2017	4	25473		1	1		18	1,1411		18315	209
2017	4	85410		1	1		18	0,4529		5520	25
2017	4	25175		1	1		18	0,9544		25041	239
2017	4	25758		1	1		18	1,1492		4873	56
2017	4	25307		1	1		18	0,8712		21121	184
2017	4	25377		1	1		18	1,095		7032	77
2017	4	68081		1	1		18	1,0757		37372	402
2017	4	15238		1	1		18	0,8496		32720	278
2017	4	85001		1	1	18		1,2058		54071	652
2017	4	19001		1	1	19		0,5876		76414	449
2017	4	5001		1	1	19		1,3732		268422	3686
2017	4	20001		1	1	19		1,0562		63341	669
2017	4	47001		1	1	19		0,7748		49306	382
2017	4	44001		1	1	19		1,233		28792	355
2017	4	81001		1	1	19		0,9321		25426	237
2017	4	23001		1	1	19		1,2477		118860	1483
2017	4	5001	500116	1	1	19		0,7379		13958	103
2017	4	5001	500101	1	1	19		1,4357		15254	219
2017	4	5001	500107	1	1	19		1,3977		26973	377
2017	4	5001	500104	1	1	19		1,6867		21640	365
2017	4	5001	500105	1	1	19		1,8992		20588	391
2017	4	5001	500115	1	1	19		0,9656		7560	73



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5001	500103	1	1	19		1,0074		18762	189
2017	4	5001	500114	1	1	19		1,0355		6374	66
2017	4	5001	500112	1	1	19		0,9369		5337	50
2017	4	5001	500113	1	1	19		1,336		13997	187
2017	4	5001	500102	1	1	19		1,9492		16776	327
2017	4	5001	500109	1	1	19		1,6942		12218	207
2017	4	5001	500110	1	1	19		0,898		30178	271
2017	4	5001	500108	1	1	19		1,2855		17348	223
2017	4	5001	500106	1	1	19		1,3217		15359	203
2017	4	5001	500111	1	1	19		1,2326		8924	110
2017	4	5380		1	1		19	0,8253		9815	81
2017	4	5607		1	1		19	1,27		3307	42
2017	4	44430		1	1		19	1,3199		27275	360
2017	4	54405		1	1		19	0,8404		12137	102
2017	4	17380		1	1		19	1,1231		18342	206
2017	4	5318		1	1		19	0,94		11808	111
2017	4	20011		1	1		19	0,9775		15447	151
2017	4	44560		1	1		19	1,5165		7649	116
2017	4	66170		1	1		19	0,5495		22384	123
2017	4	5266		1	1		19	1,3185		11604	153
2017	4	20400		1	1		19	1,2951		9343	121
2017	4	54498		1	1		19	0,9487		22135	210
2017	4	52835		1	1		19	1,3544		27688	375
2017	4	73449		1	1		19	1,2024		9980	120
2017	4	41551		1	1		19	0,9272		45082	418
2017	4	8758		1	1		19	0,8716		50021	436
2017	4	5212		1	1		19	1,2744		8553	109
2017	4	73268		1	1		19	1,0415		19780	206
2017	4	5376		1	1		19	1,0527		17859	188
2017	4	44847		1	1		19	1,1202		24906	279
2017	4	5088		1	1		19	1,7529		52828	926
2017	4	5837		1	1		19	1,4454		32931	476
2017	4	5615		1	1		19	1,002		32434	325
2017	4	5129		1	1		19	1,1281		14360	162
2017	4	50006		1	1		19	1,7204		23018	396
2017	4	52356		1	1		19	0,9765		12391	121
2017	4	5308		1	1		19	1,0032		9370	94
2017	4	8573		1	1		19	0,6566		5178	34
2017	4	54874		1	1		19	1,3099		12444	163
2017	4	50568		1	1		19	1,9534		7730	151
2017	4	5360		1	1		19	1,5223		26539	404
2017	4	5045		1	1		19	0,6083		28605	174
2017	4	5631		1	1		19	1,514		5416	82
2017	4	27001		2	1	20		0,905		40553	367
2017	4	88001		2	1	20		1,0877		5608	61
2017	4	18001		1	1	20		0,8384		42343	355
2017	4	13001		1	2	19		0,9146		123327	1128
2017	4	63001		1	2	19		0,6322		26891	170
2017	4	23001		1	2	19		1,2824		106830	1370
2017	4	18001		1	2	19		0,9833		37425	368
2017	4	44001		1	2	19		1,1716		26460	310
2017	4	11001	1100108	1	2	19		1,5902		108605	1727
2017	4	11001	1100101	1	2	19		1,1229		38203	429
2017	4	11001	1100110	1	2	19		2,9561		79937	2363
2017	4	11001	1100109	1	2	19		0,9536		35444	338
2017	4	11001	1100114	1	2	19		0,9818		10389	102
2017	4	11001	1100103	1	2	19		1,0127		13528	137
2017	4	11001	1100102	1	2	19		2,295		12331	283
2017	4	11001	1100117	1	2	19		2,1387		3086	66
2017	4	11001	1100106	1	2	19		1,0404		24317	253
2017	4	11001	1100113	1	2	19		3,1205		10511	328
2017	4	11001	1100118	1	2	19		1,5583		42611	664
2017	4	11001	1100116	1	2	19		1,5743		25090	395
2017	4	11001	1100104	1	2	19		1,432		49300	706
2017	4	11001	1100115	1	2	19		1,0464		8983	94
2017	4	11001	1100112	1	2	19		0,5726		14669	84
2017	4	11001	1100119	1	2	19		1,3427		73879	992
2017	4	54001	5400106	1	2	19		0,8538		10892	93
2017	4	54001	5400101	1	2	19		1,232		4302	53
2017	4	54001	5400104	1	2	19		0,6848		4527	31
2017	4	54001	5400110	1	2	19		0,9853		4364	43
2017	4	54001	5400108	1	2	19		1,3177		16241	214
2017	4	54001	5400105	1	2	19		0,8848		4634	41
2017	4	54001	5400103	1	2	19		0,7673		5604	43
2017	4	54001	5400107	1	2	19		0,8434		12449	105
2017	4	54001	5400109	1	2	19		1,0811		8047	87
2017	4	54001	5400102	1	2	19		1,1017		4357	48
2017	4	11001		1	2	19		1,46	1,2097	773501	11293
2017	4	27001		2	2	19		1,1087		39055	433



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## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	15001		1	2	19		0,9447		24771	234
2017	4	66001		1	2	19		1,1893		46499	553
2017	4	5001		1	2	19		1,4732		209405	3085
2017	4	73001		1	2	19		1,1166		68868	769
2017	4	86001		2	2	19		2,4347		27929	680
2017	4	81001		1	2	19		0,788		23349	184
2017	4	8001		1	2	19		1,0841		84218	913
2017	4	20001		1	2	19		1,2758		58079	741
2017	4	47001		1	2	19		0,8173		42457	347
2017	4	70001		1	2	19		0,9679		47941	464
2017	4	50001		1	2	19		1,1761		91061	1071
2017	4	54001		1	2	19		1,0537		80671	850
2017	4	85001		1	2	19		1,2077		40409	488
2017	4	68679		1	2		19	0,7597		6450	49
2017	4	25214		1	2		19	1,6446		3405	56
2017	4	50001	5000101	1	2	19		1,2955		6098	79
2017	4	50001	5000102	1	2	19		0,8948		5029	45
2017	4	50001	5000103	1	2	19		2,0619		6887	142
2017	4	50001	5000104	1	2	19		1,0051		10745	108
2017	4	50001	5000105	1	2	19		0,7739		17831	138
2017	4	50001	5000106	1	2	19		0,7249		3173	23
2017	4	50001	5000107	1	2	19		0,7494		10275	77
2017	4	50001	5000108	1	2	19		1,0903		8071	88
2017	4	73001	7300101	1	2	19		0,9384		5648	53
2017	4	73001	7300102	1	2	19		0,5751		1391	8
2017	4	73001	7300103	1	2	19		0,8643		2314	20
2017	4	73001	7300104	1	2	19		0,9142		4266	39
2017	4	73001	7300105	1	2	19		0,6316		3800	24
2017	4	73001	7300106	1	2	19		0,9295		3658	34
2017	4	73001	7300107	1	2	19		1,2092		7112	86
2017	4	73001	7300108	1	2	19		0,9728		7607	74
2017	4	73001	7300109	1	2	19		2,504		9385	235
2017	4	73001	7300110	1	2	19		0,5854		5125	30
2017	4	73001	7300111	1	2	19		0,3385		2659	9
2017	4	73001	7300112	1	2	19		0,79		3038	24
2017	4	73001	7300113	1	2	19		0,3827		3397	13
2017	4	13001	1300102	1	2	19		0,908		44824	407
2017	4	13001	1300103	1	2	19		0,9456		43251	409
2017	4	13001	1300101	1	2	19		0,8851		35252	312
2017	4	5001	500116	1	2	19		1,0227		11049	113
2017	4	5001	500101	1	2	19		1,6389		10007	164
2017	4	5001	500107	1	2	19		1,5441		23055	356
2017	4	5001	500104	1	2	19		1,5885		17942	285
2017	4	5001	500105	1	2	19		1,7173		15955	274
2017	4	5001	500115	1	2	19		1,2844		5450	70
2017	4	5001	500103	1	2	19		1,1904		15793	188
2017	4	5001	500114	1	2	19		1,54		5844	90
2017	4	5001	500112	1	2	19		1,6746		4001	67
2017	4	5001	500113	1	2	19		1,3388		11428	153
2017	4	5001	500102	1	2	19		1,6981		17196	292
2017	4	5001	500109	1	2	19		1,5071		10218	154
2017	4	5001	500110	1	2	19		1,1728		13302	156
2017	4	5001	500108	1	2	19		1,2756		15208	194
2017	4	5001	500106	1	2	19		1,2907		12474	161
2017	4	5001	500111	1	2	19		1,4481		6146	89
2017	4	8001	800105	1	2	19		1,4095		5463	77
2017	4	8001	800103	1	2	19		0,8392		17159	144
2017	4	8001	800102	1	2	19		1,1295		18150	205
2017	4	8001	800101	1	2	19		1,2321		26865	331
2017	4	8001	800104	1	2	19		0,8567		14357	123
2017	4	11001	1100107	1	2	19		0,836		84206	704
2017	4	11001	1100111	1	2	19		1,1532		97812	1128
2017	4	11001	1100105	1	2	19		1,2315		40600	500
2017	4	68307		1	2		19	1,4539		16714	243
2017	4	15491		1	2		19	1,431		2306	33
2017	4	25817		1	2		19	0,7286		8510	62
2017	4	5380		1	2		19	1,4965		7885	118
2017	4	5607		1	2		19	0,9935		2919	29
2017	4	44430		1	2		19	1,2526		25227	316
2017	4	68276		1	2		19	1,2551		20715	260
2017	4	54405		1	2		19	0,8219		9977	82
2017	4	25754		1	2		19	1,0411		78089	813
2017	4	17380		1	2		19	0,8136		14504	118
2017	4	5318		1	2		19	1,0426		9304	97
2017	4	25290		1	2		19	1,6528		22386	370
2017	4	20011		1	2		19	1,1964		13374	160
2017	4	44560		1	2		19	1,522		8410	128
2017	4	66170		1	2		19	0,5221		18769	98
2017	4	25126		1	2		19	1,656		12923	214



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	5266		1	2		19	1,5814		8663	137
2017	4	25899		1	2		19	1,7925		18410	330
2017	4	20400		1	2		19	0,8723		8598	75
2017	4	54498		1	2		19	0,7809		19720	154
2017	4	25269		1	2		19	1,5752		21140	333
2017	4	76834		1	2		19	0,9569		13063	125
2017	4	76109		1	2		19	1,0178		27902	284
2017	4	52835		1	2		19	1,5042		26792	403
2017	4	73449		1	2		19	1,0717		7931	85
2017	4	68547		1	2		19	1,3415		17592	236
2017	4	41551		1	2		19	1,0854		37774	410
2017	4	15759		1	2		19	1,0254		26233	269
2017	4	76147		1	2		19	0,692		15173	105
2017	4	8758		1	2		19	1,5403		44148	680
2017	4	76520		1	2		19	1,3904		22583	314
2017	4	76892		1	2		19	1,0886		11299	123
2017	4	5212		1	2		19	1,4107		6380	90
2017	4	76130		1	2		19	1,0787		11959	129
2017	4	76364		1	2		19	1,3119		19818	260
2017	4	73268		1	2		19	0,9939		15494	154
2017	4	5376		1	2		19	1,0744		12844	138
2017	4	44847		1	2		19	1,1751		23061	271
2017	4	15572		1	2		19	1,5487		12333	191
2017	4	5088		1	2		19	1,5898		41955	667
2017	4	5837		1	2		19	1,37		28905	396
2017	4	25799		1	2		19	1,3647		4250	58
2017	4	5615		1	2		19	1,3518		22933	310
2017	4	5129		1	2		19	1,2602		10713	135
2017	4	50006		1	2		19	1,3753		20577	283
2017	4	25286		1	2		19	1,7321		17897	310
2017	4	25473		1	2		19	1,2696		13705	174
2017	4	52356		1	2		19	1,1829		9468	112
2017	4	5308		1	2		19	0,8601		6976	60
2017	4	8573		1	2		19	1,2567		4456	56
2017	4	85410		1	2		19	0,8634		5096	44
2017	4	25175		1	2		19	1,3106		17168	225
2017	4	54874		1	2		19	1,2339		9887	122
2017	4	50568		1	2		19	1,7255		7708	133
2017	4	5360		1	2		19	1,5241		19880	303
2017	4	25758		1	2		19	1,6785		3515	59
2017	4	25307		1	2		19	1,2217		15306	187
2017	4	25377		1	2		19	1,1605		5170	60
2017	4	68081		1	2		19	1,243		29927	372
2017	4	15238		1	2		19	1,1116		21321	237
2017	4	25430		1	2		19	0,9929		18129	180
2017	4	76111		1	2		19	0,7616		7222	55
2017	4	5045		1	2		19	0,5812		23916	139
2017	4	5631		1	2		19	1,2288		3825	47
2017	4	95001		2	2	20		0,7503		7864	59
2017	4	76001	7600115	1	2	20		0,7887		6720	53
2017	4	76001		1	2	20		0,9401		120942	1137
2017	4	52001		1	2	20		1,7098		49013	838
2017	4	17001		1	2	20		0,9046		35153	318
2017	4	68001		1	2	20		1,0516		32711	344
2017	4	19001		1	2	20		0,7551		56148	424
2017	4	76001	7600101	1	2	20		0,5909		3046	18
2017	4	76001	7600102	1	2	20		0,6749		8001	54
2017	4	76001	7600103	1	2	20		0,9615		2704	26
2017	4	76001	7600104	1	2	20		0,4638		2803	13
2017	4	76001	7600105	1	2	20		0,5983		4680	28
2017	4	76001	7600106	1	2	20		0,9374		5867	55
2017	4	76001	7600107	1	2	20		0,6656		4207	28
2017	4	76001	7600108	1	2	20		0,5895		4580	27
2017	4	76001	7600109	1	2	20		0,2456		2443	6
2017	4	76001	7600110	1	2	20		0,8242		4368	36
2017	4	76001	7600111	1	2	20		1,7265		5155	89
2017	4	76001	7600112	1	2	20		0,9621		1663	16
2017	4	76001	7600113	1	2	20		0,9074		9918	90
2017	4	76001	7600114	1	2	20		1,067		12558	134
2017	4	68001	6800112	1	2	20		1,0718		1866	20
2017	4	76001	7600116	1	2	20		1,3348		6293	84
2017	4	76001	7600117	1	2	20		1,1581		6649	77
2017	4	76001	7600118	1	2	20		0,6387		8455	54
2017	4	76001	7600119	1	2	20		1,1694		7696	90
2017	4	76001	7600120	1	2	20		0,5508		2360	13
2017	4	76001	7600121	1	2	20		1,2159		4030	49
2017	4	76001	7600122	1	2	20		2,2607		1327	30
2017	4	88001		2	2	20		1,0051		4676	47
2017	4	68001	6800111	1	2	20		0,5943		1851	11



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	68001	6800117	1	2	20		1,1597		1897	22
2017	4	68001	6800101	1	2	20		0,6381		4231	27
2017	4	68001	6800115	1	2	20		1,28		625	8
2017	4	68001	6800113	1	2	20		0,5901		3728	22
2017	4	68001	6800110	1	2	20		0,9968		2508	25
2017	4	68001	6800104	1	2	20		1,1823		1607	19
2017	4	68001	6800107	1	2	20		0,5115		782	4
2017	4	68001	6800106	1	2	20		0,8672		1845	16
2017	4	68001	6800105	1	2	20		2,1957		4099	90
2017	4	68001	6800103	1	2	20		0,6857		4375	30
2017	4	68001	6800108	1	2	20		1,2392		807	10
2017	4	68001	6800116	1	2	20		1,6678		1439	24
2017	4	41001		1	2	22		0,9835		110935	1091
2017	4	68001	6800111	1	3	10		0,6224		4338	27
2017	4	68001	6800117	1	3	10		1,2241		2124	26
2017	4	68001	6800101	1	3	10		0,5164		4454	23
2017	4	68001	6800115	1	3	10		0,656		7622	50
2017	4	68001	6800113	1	3	10		0,538		11153	60
2017	4	68001	6800110	1	3	10		0,7227		3321	24
2017	4	68001	6800104	1	3	10		0,663		6787	45
2017	4	68001	6800107	1	3	10		0,8503		1176	10
2017	4	68001	6800106	1	3	10		0,6253		4958	31
2017	4	68001	6800105	1	3	10		1,6067		4668	75
2017	4	68001	6800103	1	3	10		0,428		8879	38
2017	4	68001	6800108	1	3	10		1,4663		1023	15
2017	4	68001	6800116	1	3	10		1,4105		2056	29
2017	4	68001	6800112	1	3	10		0,798		10401	83
2017	4	11001	1100107	1	3	10		0,6811		76493	521
2017	4	11001	1100111	1	3	10		0,8182		118550	970
2017	4	11001	1100105	1	3	10		0,8102		34191	277
2017	4	11001		1	3	10		1,1011	0,5482	1135963	12508
2017	4	76001		1	3	10		0,7335		207368	1521
2017	4	41001		1	3	10		0,8056		68392	551
2017	4	63001		1	3	10		0,4858		44463	216
2017	4	11001	1100108	1	3	10		0,9613		142719	1372
2017	4	11001	1100101	1	3	10		1,0059		79434	799
2017	4	11001	1100110	1	3	10		1,2233		102263	1251
2017	4	11001	1100109	1	3	10		0,7581		70571	535
2017	4	11001	1100114	1	3	10		0,9267		35827	332
2017	4	11001	1100103	1	3	10		1,3192		42224	557
2017	4	11001	1100102	1	3	10		1,4046		67208	944
2017	4	11001	1100117	1	3	10		1,114		16427	183
2017	4	11001	1100106	1	3	10		0,7205		27760	200
2017	4	11001	1100113	1	3	10		4,0584		43441	1763
2017	4	11001	1100118	1	3	10		1,1635		44605	519
2017	4	11001	1100116	1	3	10		1,1328		59854	678
2017	4	11001	1100104	1	3	10		1,1537		46544	537
2017	4	11001	1100115	1	3	10		0,7944		20645	164
2017	4	11001	1100112	1	3	10		0,5612		44546	250
2017	4	11001	1100119	1	3	10		1,0469		62661	656
2017	4	76001	7600101	1	3	10		0,3527		3119	11
2017	4	76001	7600102	1	3	10		0,5694		27224	155
2017	4	76001	7600103	1	3	10		0,3756		18369	69
2017	4	76001	7600104	1	3	10		0,2377		8835	21
2017	4	76001	7600105	1	3	10		1,0312		7370	76
2017	4	76001	7600106	1	3	10		1,9413		6851	133
2017	4	76001	7600107	1	3	10		0,5136		5646	29
2017	4	76001	7600108	1	3	10		0,5755		9035	52
2017	4	76001	7600109	1	3	10		0,5356		7842	42
2017	4	76001	7600110	1	3	10		0,558		7168	40
2017	4	76001	7600111	1	3	10		0,9415		6798	64
2017	4	76001	7600112	1	3	10		0,9746		1847	18
2017	4	76001	7600113	1	3	10		0,615		9918	61
2017	4	76001	7600114	1	3	10		0,9598		12399	119
2017	4	76001	7600115	1	3	10		0,7573		6338	48
2017	4	76001	7600116	1	3	10		0,7469		7364	55
2017	4	76001	7600117	1	3	10		0,9153		14313	131
2017	4	76001	7600118	1	3	10		0,4058		9117	37
2017	4	76001	7600119	1	3	10		0,6385		21300	136
2017	4	76001	7600120	1	3	10		0,185		2162	4
2017	4	76001	7600121	1	3	10		1,4953		2742	41
2017	4	76001	7600122	1	3	10		1,3076		4818	63
2017	4	8001		1	3	10		0,9296		145122	1349
2017	4	73001		1	3	10		0,9558		96254	920
2017	4	68001		1	3	10		0,745		74094	552
2017	4	66001		1	3	10		1,0259		70281	721
2017	4	73001	7300101	1	3	10		0,4533		15664	71
2017	4	73001	7300102	1	3	10		0,3686		1628	6
2017	4	73001	7300103	1	3	10		0,4753		5681	27



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	73001	7300104	1	3	10		0,4751		5894	28
2017	4	73001	7300105	1	3	10		0,6661		5104	34
2017	4	73001	7300106	1	3	10		0,8067		3719	30
2017	4	73001	7300107	1	3	10		1,2269		7091	87
2017	4	73001	7300108	1	3	10		0,9329		7825	73
2017	4	73001	7300109	1	3	10		2,3689		13593	322
2017	4	73001	7300110	1	3	10		0,4433		11956	53
2017	4	73001	7300111	1	3	10		0,5689		2461	14
2017	4	73001	7300112	1	3	10		0,9169		3163	29
2017	4	73001	7300113	1	3	10		0,4785		2926	14
2017	4	8001	800105	1	3	10		1,1788		12894	152
2017	4	8001	800103	1	3	10		0,6584		25973	171
2017	4	8001	800102	1	3	10		1,0012		17479	175
2017	4	8001	800101	1	3	10		1,1378		26455	301
2017	4	8001	800104	1	3	10		0,8861		60148	533
2017	4	15001		1	3	18		0,8541		43673	373
2017	4	17001		1	3	19		0,9975		48922	488
2017	4	27001		2	3	19		1,0868		42603	463
2017	4	54001		1	3	19		1,1758		101806	1197
2017	4	20001		1	3	19		1,2365		66800	826
2017	4	47001		1	3	19		0,7972		47790	381
2017	4	18001		1	3	19		0,83		45664	379
2017	4	44001		1	3	19		1,5698		29304	460
2017	4	54001	5400106	1	3	19		1,3433		12432	167
2017	4	54001	5400101	1	3	19		0,7397		8652	64
2017	4	54001	5400104	1	3	19		1,0591		6137	65
2017	4	54001	5400110	1	3	19		1,0499		5715	60
2017	4	54001	5400108	1	3	19		1,0615		17523	186
2017	4	54001	5400105	1	3	19		0,9368		6832	64
2017	4	54001	5400103	1	3	19		1,3766		6320	87
2017	4	54001	5400107	1	3	19		0,7869		13979	110
2017	4	54001	5400109	1	3	19		1,0325		9685	100
2017	4	54001	5400102	1	3	19		1,1151		6726	75
2017	4	85001		1	3	19		1,4439		48686	703
2017	4	50001		1	3	19		1,1351		111530	1266
2017	4	5001		1	3	19		1,4367		261924	3763
2017	4	23001		1	3	19		1,3367		119025	1591
2017	4	19001		1	3	19		0,7653		73304	561
2017	4	13001		1	3	19		1,0824		144403	1563
2017	4	70001		1	3	19		0,9753		54447	531
2017	4	52001		1	3	19		1,4966		69225	1036
2017	4	81001		1	3	19		0,8047		27713	223
2017	4	95001		2	3	19		0,5691		10368	59
2017	4	68679		1	3		19	0,8289		8083	67
2017	4	25214		1	3		19	1,3422		5290	71
2017	4	50001	5000101	1	3	19		0,9985		6610	66
2017	4	50001	5000102	1	3	19		0,9533		8916	85
2017	4	50001	5000103	1	3	19		1,3177		9107	120
2017	4	50001	5000104	1	3	19		0,8552		12745	109
2017	4	50001	5000105	1	3	19		0,8002		21870	175
2017	4	50001	5000106	1	3	19		0,9625		3948	38
2017	4	50001	5000107	1	3	19		1,0271		13241	136
2017	4	50001	5000108	1	3	19		1,0539		9489	100
2017	4	13001	1300102	1	3	19		1,1403		49813	568
2017	4	13001	1300103	1	3	19		1,1056		49475	547
2017	4	13001	1300101	1	3	19		0,993		45115	448
2017	4	5001	500116	1	3	19		1,1325		13952	158
2017	4	5001	500101	1	3	19		0,869		13464	117
2017	4	5001	500107	1	3	19		1,7842		26623	475
2017	4	5001	500104	1	3	19		1,7508		20219	354
2017	4	5001	500105	1	3	19		1,8881		20232	382
2017	4	5001	500115	1	3	19		1,2597		8097	102
2017	4	5001	500103	1	3	19		1,2887		17615	227
2017	4	5001	500114	1	3	19		1,0851		9400	102
2017	4	5001	500112	1	3	19		1,3218		5296	70
2017	4	5001	500113	1	3	19		1,4603		13011	190
2017	4	5001	500102	1	3	19		1,3896		18855	262
2017	4	5001	500109	1	3	19		1,8171		12107	220
2017	4	5001	500110	1	3	19		0,9189		26554	244
2017	4	5001	500108	1	3	19		1,535		16482	253
2017	4	5001	500106	1	3	19		1,4324		13404	192
2017	4	5001	500111	1	3	19		1,2232		9974	122
2017	4	68307		1	3		19	1,2245		21069	258
2017	4	15491		1	3		19	1,6204		2592	42
2017	4	25817		1	3		19	0,6882		10608	73
2017	4	5380		1	3		19	1,1348		10222	116
2017	4	5607		1	3		19	0,7842		3188	25
2017	4	44430		1	3		19	1,4724		26352	388
2017	4	68276		1	3		19	1,3093		24516	321



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	54405		1	3		19	0,8612		11728	101
2017	4	25754		1	3		19	1,0536		85517	901
2017	4	17380		1	3		19	1,0978		16397	180
2017	4	5318		1	3		19	1,1978		10269	123
2017	4	25290		1	3		19	1,8754		24741	464
2017	4	20011		1	3		19	1,2021		15223	183
2017	4	44560		1	3		19	1,6281		8169	133
2017	4	66170		1	3		19	0,6315		23121	146
2017	4	25126		1	3		19	1,6154		16219	262
2017	4	5266		1	3		19	1,5289		11969	183
2017	4	25899		1	3		19	2,0907		23676	495
2017	4	20400		1	3		19	1,2901		10387	134
2017	4	54498		1	3		19	1,0855		23308	253
2017	4	25269		1	3		19	1,4675		23714	348
2017	4	76834		1	3		19	0,8884		14521	129
2017	4	76109		1	3		19	1,0234		32635	334
2017	4	52835		1	3		19	1,3974		30199	422
2017	4	73449		1	3		19	1,2558		9237	116
2017	4	68547		1	3		19	1,5404		19930	307
2017	4	41551		1	3		19	1,144		41433	474
2017	4	15759		1	3		19	0,861		33797	291
2017	4	76147		1	3		19	0,7707		17646	136
2017	4	8758		1	3		19	1,588		47734	758
2017	4	76520		1	3		19	1,4928		27130	405
2017	4	76892		1	3		19	0,9652		13365	129
2017	4	5212		1	3		19	1,1268		7455	84
2017	4	76130		1	3		19	1,1735		11248	132
2017	4	76364		1	3		19	1,3383		21594	289
2017	4	73268		1	3		19	1,0994		19556	215
2017	4	5376		1	3		19	1,1979		16028	192
2017	4	44847		1	3		19	1,1027		24032	265
2017	4	15572		1	3		19	1,6442		13563	223
2017	4	5088		1	3		19	1,7775		49338	877
2017	4	5837		1	3		19	1,6076		29734	478
2017	4	25799		1	3		19	1,0204		5096	52
2017	4	5615		1	3		19	1,1783		28601	337
2017	4	5129		1	3		19	1,1371		12576	143
2017	4	50006		1	3		19	1,7863		23177	414
2017	4	25286		1	3		19	1,7123		24412	418
2017	4	25473		1	3		19	1,7148		16912	290
2017	4	52356		1	3		19	0,8455		13128	111
2017	4	5308		1	3		19	1,0637		7803	83
2017	4	8573		1	3		19	1,1407		5260	60
2017	4	85410		1	3		19	1,2113		5944	72
2017	4	25175		1	3		19	1,1905		22176	264
2017	4	54874		1	3		19	1,258		11526	145
2017	4	50568		1	3		19	2,0421		9304	190
2017	4	5360		1	3		19	1,6211		25477	413
2017	4	25758		1	3		19	1,6052		4174	67
2017	4	25307		1	3		19	1,312		18750	246
2017	4	25377		1	3		19	1,699		7063	120
2017	4	68081		1	3		19	1,2638		35290	446
2017	4	15238		1	3		19	0,8864		28091	249
2017	4	25430		1	3		19	1,2476		20519	256
2017	4	76111		1	3		19	0,7478		8692	65
2017	4	5045		1	3		19	0,5897		25606	151
2017	4	5631		1	3		19	1,2151		5514	67
2017	4	86001		2	3	20		2,8007		22423	628
2017	4	88001		2	3	20		1,3182		4931	65
2017	4	68001	6800117	1	4	10		1,3409		1939	26
2017	4	68001	6800101	1	4	10		1,0886		4042	44
2017	4	68001	6800115	1	4	10		0,3773		7687	29
2017	4	68001	6800113	1	4	10		0,4831		11385	55
2017	4	68001	6800110	1	4	10		1,2693		3309	42
2017	4	68001	6800104	1	4	10		0,5674		7226	41
2017	4	68001	6800107	1	4	10		1,8533		1241	23
2017	4	68001	6800106	1	4	10		0,5743		4527	26
2017	4	68001	6800105	1	4	10		2,0544		5111	105
2017	4	68001	6800103	1	4	10		0,5257		10082	53
2017	4	68001	6800108	1	4	10		2,2247		899	20
2017	4	68001	6800116	1	4	10		1,8779		2343	44
2017	4	68001	6800112	1	4	10		0,8882		10245	91
2017	4	11001	1100107	1	4	10		0,6111		75596	462
2017	4	11001	1100111	1	4	10		0,8989		118924	1069
2017	4	11001	1100105	1	4	10		0,8186		34573	283
2017	4	8001		1	4	10		0,919		146035	1342
2017	4	11001	1100108	1	4	10		0,7467		144646	1080
2017	4	11001	1100101	1	4	10		0,9282		83925	779
2017	4	11001	1100110	1	4	10		0,7499		102542	769





## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	11001	1100109	1	4	10		0,6406		74149	475
2017	4	11001	1100114	1	4	10		0,7951		38110	303
2017	4	11001	1100103	1	4	10		0,7462		47443	354
2017	4	11001	1100102	1	4	10		0,7802		71008	554
2017	4	11001	1100117	1	4	10		0,8567		18210	156
2017	4	11001	1100106	1	4	10		0,6279		28188	177
2017	4	11001	1100113	1	4	10		0,8402		43917	369
2017	4	11001	1100118	1	4	10		1,1195		45288	507
2017	4	11001	1100116	1	4	10		1,144		60752	695
2017	4	11001	1100104	1	4	10		1,1381		46129	525
2017	4	11001	1100115	1	4	10		0,9034		20478	185
2017	4	11001	1100112	1	4	10		0,56		45358	254
2017	4	11001	1100119	1	4	10		1,2615		63814	805
2017	4	76001	7600101	1	4	10		0,5523		3078	17
2017	4	76001	7600102	1	4	10		0,4323		27756	120
2017	4	76001	7600103	1	4	10		0,4671		17985	84
2017	4	76001	7600104	1	4	10		0,3703		8911	33
2017	4	76001	7600105	1	4	10		1,0289		6998	72
2017	4	76001	7600106	1	4	10		1,5105		6554	99
2017	4	76001	7600107	1	4	10		0,3721		5375	20
2017	4	76001	7600108	1	4	10		0,3643		8784	32
2017	4	76001	7600109	1	4	10		0,4916		8137	40
2017	4	76001	7600110	1	4	10		0,7818		7930	62
2017	4	76001	7600111	1	4	10		0,858		6993	60
2017	4	76001	7600112	1	4	10		0,6965		2010	14
2017	4	76001	7600113	1	4	10		0,5628		9417	53
2017	4	76001	7600114	1	4	10		0,9049		12377	112
2017	4	76001	7600115	1	4	10		0,6954		5752	40
2017	4	76001	7600116	1	4	10		0,7215		6791	49
2017	4	76001	7600117	1	4	10		0,871		14926	130
2017	4	76001	7600118	1	4	10		0,5116		8992	46
2017	4	76001	7600119	1	4	10		0,6641		21986	146
2017	4	76001	7600120	1	4	10		0,6018		1994	12
2017	4	76001	7600121	1	4	10		2,0033		2396	48
2017	4	76001	7600122	1	4	10		1,3366		4863	65
2017	4	11001		1	4	10		0,8427	0,9235	1163050	9801
2017	4	63001		1	4	10		0,4827		43092	208
2017	4	66001		1	4	10		1,0018		70173	703
2017	4	73001		1	4	10		1,0794		101167	1092
2017	4	68001		1	4	10		0,8579		74249	637
2017	4	76001		1	4	10		0,6916		206771	1430
2017	4	73001	7300101	1	4	10		0,4739		15405	73
2017	4	73001	7300102	1	4	10		0,3003		1665	5
2017	4	73001	7300103	1	4	10		0,3312		6341	21
2017	4	73001	7300104	1	4	10		0,3216		6530	21
2017	4	73001	7300105	1	4	10		0,6557		5185	34
2017	4	73001	7300106	1	4	10		0,5204		2498	13
2017	4	73001	7300107	1	4	10		1,0624		7436	79
2017	4	73001	7300108	1	4	10		1,017		9636	98
2017	4	73001	7300109	1	4	10		1,3513		15837	214
2017	4	73001	7300110	1	4	10		0,278		12232	34
2017	4	73001	7300111	1	4	10		0,4699		2554	12
2017	4	73001	7300112	1	4	10		0,8125		3446	28
2017	4	73001	7300113	1	4	10		0,6514		2917	19
2017	4	8001	800105	1	4	10		0,9732		13152	128
2017	4	8001	800103	1	4	10		1,0139		26631	270
2017	4	8001	800102	1	4	10		1,1481		16026	184
2017	4	8001	800101	1	4	10		1,0121		26283	266
2017	4	8001	800104	1	4	10		0,7526		61917	466
2017	4	68001	6800111	1	4	10		0,8141		2948	24
2017	4	15001		1	4	18		0,8092		43747	354
2017	4	70001		1	4	19		1,0112		54887	555
2017	4	85001		1	4	19		1,3675		48703	666
2017	4	20001		1	4	19		1,2068		67201	811
2017	4	27001		2	4	19		1,0052		42777	430
2017	4	54001		1	4	19		1,2059		98848	1192
2017	4	19001		1	4	19		0,6249		73774	461
2017	4	44001		1	4	19		1,3468		29107	392
2017	4	47001		1	4	19		0,7676		49505	380
2017	4	81001		1	4	19		0,9692		26414	256
2017	4	17001		1	4	19		0,8914		48013	428
2017	4	23001		1	4	19		1,2809		119917	1536
2017	4	54001	5400106	1	4	19		1,1654		12700	148
2017	4	54001	5400101	1	4	19		0,6457		8673	56
2017	4	54001	5400104	1	4	19		0,626		5911	37
2017	4	54001	5400110	1	4	19		0,9429		5197	49
2017	4	54001	5400108	1	4	19		1,156		16868	195
2017	4	54001	5400105	1	4	19		1,0715		6626	71
2017	4	54001	5400103	1	4	19		1,4092		6032	85



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	54001	5400107	1	4	19		0,7496		13741	103
2017	4	54001	5400109	1	4	19		1,0552		9098	96
2017	4	54001	5400102	1	4	19		1,1851		6244	74
2017	4	13001		1	4	19		1,1462		143519	1645
2017	4	18001		1	4	19		0,873		46735	408
2017	4	88001		2	4	19		0,7087		5926	42
2017	4	50001		1	4	19		1,0855		113132	1228
2017	4	41001		1	4	19		1,1135		60082	669
2017	4	5001		1	4	19		1,4234		256842	3656
2017	4	86001		2	4	19		2,3035		24571	566
2017	4	52001		1	4	19		1,3964		66383	927
2017	4	68679		1	4		19	0,7957		8043	64
2017	4	25214		1	4		19	1,2896		4730	61
2017	4	50001	5000101	1	4	19		1,307		6580	86
2017	4	50001	5000102	1	4	19		1,2249		8980	110
2017	4	50001	5000103	1	4	19		1,0179		9529	97
2017	4	50001	5000104	1	4	19		0,6223		12534	78
2017	4	50001	5000105	1	4	19		0,7182		22139	159
2017	4	50001	5000106	1	4	19		0,9118		4387	40
2017	4	50001	5000107	1	4	19		0,8552		13330	114
2017	4	50001	5000108	1	4	19		0,9509		9465	90
2017	4	13001	1300102	1	4	19		1,0769		47730	514
2017	4	13001	1300103	1	4	19		1,272		50001	636
2017	4	13001	1300101	1	4	19		1,0811		45788	495
2017	4	5001	500116	1	4	19		1,1815		13711	162
2017	4	5001	500101	1	4	19		0,9925		12796	127
2017	4	5001	500107	1	4	19		1,8803		26219	493
2017	4	5001	500104	1	4	19		1,7613		19701	347
2017	4	5001	500105	1	4	19		1,8079		19083	345
2017	4	5001	500115	1	4	19		1,1204		7854	88
2017	4	5001	500103	1	4	19		1,1669		17482	204
2017	4	5001	500114	1	4	19		1,1314		9899	112
2017	4	5001	500112	1	4	19		1,1782		5347	63
2017	4	5001	500113	1	4	19		1,4269		12615	180
2017	4	5001	500102	1	4	19		1,4004		17852	250
2017	4	5001	500109	1	4	19		1,6937		11218	190
2017	4	5001	500110	1	4	19		0,9638		25938	250
2017	4	5001	500108	1	4	19		1,5267		16703	255
2017	4	5001	500106	1	4	19		1,4019		13910	195
2017	4	5001	500111	1	4	19		1,0734		10248	110
2017	4	68307		1	4		19	1,45		20138	292
2017	4	15491		1	4		19	2,0061		2642	53
2017	4	25817		1	4		19	0,6447		10082	65
2017	4	5380		1	4		19	0,8209		9624	79
2017	4	5607		1	4		19	0,7068		3254	23
2017	4	44430		1	4		19	1,3726		27174	373
2017	4	68276		1	4		19	1,1783		24357	287
2017	4	54405		1	4		19	0,9047		11053	100
2017	4	25754		1	4		19	1,1256		86089	969
2017	4	17380		1	4		19	1,2738		16643	212
2017	4	5318		1	4		19	1,2224		10635	130
2017	4	25290		1	4		19	1,4733		25317	373
2017	4	20011		1	4		19	1,3614		15939	217
2017	4	44560		1	4		19	1,5906		8550	136
2017	4	66170		1	4		19	0,671		22206	149
2017	4	25126		1	4		19	1,5865		17838	283
2017	4	5266		1	4		19	1,5377		12226	188
2017	4	25899		1	4		19	1,2081		23921	289
2017	4	20400		1	4		19	1,2793		9615	123
2017	4	54498		1	4		19	1,2862		22547	290
2017	4	25269		1	4		19	1,5698		24653	387
2017	4	76834		1	4		19	0,9162		14408	132
2017	4	76109		1	4		19	0,9035		33315	301
2017	4	52835		1	4		19	1,3107		27161	356
2017	4	73449		1	4		19	1,2913		8906	115
2017	4	68547		1	4		19	1,6931		19195	325
2017	4	41551		1	4		19	1,0791		39477	426
2017	4	15759		1	4		19	0,8996		34794	313
2017	4	76147		1	4		19	0,8125		17354	141
2017	4	8758		1	4		19	1,7079		46782	799
2017	4	76520		1	4		19	1,3617		26438	360
2017	4	76892		1	4		19	0,952		13656	130
2017	4	5212		1	4		19	1,4513		7304	106
2017	4	76130		1	4		19	0,9833		11288	111
2017	4	76364		1	4		19	1,4665		20525	301
2017	4	73268		1	4		19	1,2228		18074	221
2017	4	5376		1	4		19	1,43		15035	215
2017	4	44847		1	4		19	1,2162		24173	294
2017	4	15572		1	4		19	1,586		14628	232



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5088		1	4		19	1,8491		48509	897
2017	4	5837		1	4		19	1,4452		30445	440
2017	4	25799		1	4		19	0,9606		5101	49
2017	4	5615		1	4		19	1,3113		28674	376
2017	4	5129		1	4		19	1,1654		12270	143
2017	4	50006		1	4		19	1,1834		23998	284
2017	4	25286		1	4		19	1,7907		22449	402
2017	4	25473		1	4		19	1,5284		16292	249
2017	4	52356		1	4		19	0,8651		13756	119
2017	4	5308		1	4		19	0,634		7729	49
2017	4	8573		1	4		19	0,9533		5350	51
2017	4	85410		1	4		19	1,0164		5903	60
2017	4	25175		1	4		19	1,3052		23062	301
2017	4	54874		1	4		19	1,1857		11301	134
2017	4	50568		1	4		19	1,4415		9296	134
2017	4	5360		1	4		19	1,59		25220	401
2017	4	25758		1	4		19	1,7144		4433	76
2017	4	25307		1	4		19	1,355		18229	247
2017	4	25377		1	4		19	1,4264		6029	86
2017	4	68081		1	4		19	1,1369		35360	402
2017	4	15238		1	4		19	0,9412		28898	272
2017	4	25430		1	4		19	1,1964		21732	260
2017	4	76111		1	4		19	0,8716		8031	70
2017	4	5045		1	4		19	0,7174		25649	184
2017	4	5631		1	4		19	1,4539		5365	78
2017	4	95001		2	4	20		0,6492		8164	53
2017	4	68001		1	5	9		0,8301		68064	565
2017	4	68001	6800112	1	5	9		0,6252		9597	60
2017	4	68001	6800117	1	5	9		1,2962		2083	27
2017	4	68001	6800101	1	5	9		0,5947		4372	26
2017	4	68001	6800115	1	5	9		0,5032		6161	31
2017	4	68001	6800113	1	5	9		0,8361		10764	90
2017	4	68001	6800110	1	5	9		0,778		3085	24
2017	4	68001	6800104	1	5	9		0,7658		6268	48
2017	4	68001	6800107	1	5	9		0,7732		1164	9
2017	4	68001	6800106	1	5	9		0,5002		4398	22
2017	4	68001	6800105	1	5	9		2,0481		4199	86
2017	4	68001	6800103	1	5	9		0,7521		8776	66
2017	4	68001	6800108	1	5	9		0,8982		1002	9
2017	4	68001	6800116	1	5	9		1,3222		2269	30
2017	4	68001	6800111	1	5	9		0,6832		2781	19
2017	4	11001		1	5	10		0,8541	0,5848	1122546	9588
2017	4	11001	1100105	1	5	10		0,8413		32688	275
2017	4	66001		1	5	10		0,9836		67406	663
2017	4	11001	1100108	1	5	10		0,7667		140740	1079
2017	4	11001	1100101	1	5	10		0,87		80227	698
2017	4	11001	1100110	1	5	10		0,7083		98834	700
2017	4	11001	1100109	1	5	10		0,7552		71507	540
2017	4	11001	1100114	1	5	10		0,8988		38051	342
2017	4	11001	1100103	1	5	10		1,041		47455	494
2017	4	11001	1100102	1	5	10		0,7477		67139	502
2017	4	11001	1100117	1	5	10		0,9694		17227	167
2017	4	11001	1100106	1	5	10		0,7357		26370	194
2017	4	11001	1100113	1	5	10		0,8308		43811	364
2017	4	11001	1100118	1	5	10		1,0215		43760	447
2017	4	11001	1100116	1	5	10		1,0298		58944	607
2017	4	11001	1100104	1	5	10		1,3027		44062	574
2017	4	11001	1100115	1	5	10		0,8894		20125	179
2017	4	11001	1100112	1	5	10		0,5937		42109	250
2017	4	11001	1100119	1	5	10		0,9449		60427	571
2017	4	76001	7600101	1	5	10		0,7473		2944	22
2017	4	76001	7600102	1	5	10		0,6135		26730	164
2017	4	76001	7600103	1	5	10		0,4776		16542	79
2017	4	76001	7600104	1	5	10		0,2752		9083	25
2017	4	76001	7600105	1	5	10		0,435		6666	29
2017	4	76001	7600106	1	5	10		0,8387		6677	56
2017	4	76001	7600107	1	5	10		0,3638		5223	19
2017	4	76001	7600108	1	5	10		0,584		8391	49
2017	4	76001	7600109	1	5	10		0,5053		7718	39
2017	4	76001	7600110	1	5	10		0,7548		7154	54
2017	4	76001	7600111	1	5	10		1,1316		6451	73
2017	4	76001	7600112	1	5	10		0,6785		2358	16
2017	4	76001	7600113	1	5	10		0,6054		9250	56
2017	4	76001	7600114	1	5	10		0,748		10561	79
2017	4	76001	7600115	1	5	10		0,61		5574	34
2017	4	76001	7600116	1	5	10		0,8445		6631	56
2017	4	76001	7600117	1	5	10		0,872		14564	127
2017	4	76001	7600118	1	5	10		0,5941		9258	55
2017	4	76001	7600119	1	5	10		0,6627		20974	139



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	76001	7600120	1	5	10		0,929		1830	17
2017	4	76001	7600121	1	5	10		0,7962		3391	27
2017	4	76001	7600122	1	5	10		1,625		4800	78
2017	4	8001		1	5	10		0,7775		139685	1086
2017	4	63001		1	5	10		0,5172		42922	222
2017	4	76001		1	5	10		0,6896		199247	1374
2017	4	8001	800105	1	5	10		0,8803		12268	108
2017	4	8001	800103	1	5	10		0,5919		26019	154
2017	4	8001	800102	1	5	10		0,8784		15711	138
2017	4	8001	800101	1	5	10		1,0176		22996	234
2017	4	8001	800104	1	5	10		0,7097		60448	429
2017	4	11001	1100107	1	5	10		0,6592		73120	482
2017	4	11001	1100111	1	5	10		0,9685		115950	1123
2017	4	17001		1	5	10		0,5966		55146	329
2017	4	15001		1	5	18		0,8515		42279	360
2017	4	54001		1	5	19		1,1792		98799	1165
2017	4	44001		1	5	19		1,296		28857	374
2017	4	23001		1	5	19		1,2041		116938	1408
2017	4	47001		1	5	19		0,8451		48633	411
2017	4	50001		1	5	19		1,0203		112619	1149
2017	4	95001		2	5	19		0,6719		10270	69
2017	4	27001		2	5	19		1,1351		41053	466
2017	4	85001		1	5	19		1,409		47976	676
2017	4	54001	5400106	1	5	19		1,2285		12210	150
2017	4	54001	5400101	1	5	19		0,6204		9188	57
2017	4	54001	5400104	1	5	19		0,8236		5828	48
2017	4	54001	5400110	1	5	19		0,9557		5127	49
2017	4	54001	5400108	1	5	19		1,0218		17029	174
2017	4	54001	5400105	1	5	19		1,1334		6882	78
2017	4	54001	5400103	1	5	19		1,3775		6243	86
2017	4	54001	5400107	1	5	19		0,6841		13886	95
2017	4	54001	5400109	1	5	19		1,1729		9123	107
2017	4	54001	5400102	1	5	19		0,9904		6462	64
2017	4	18001		1	5	19		0,7068		45840	324
2017	4	52001		1	5	19		1,4392		68370	984
2017	4	5001		1	5	19		1,3991		258598	3618
2017	4	19001		1	5	19		0,7203		73023	526
2017	4	13001		1	5	19		1,1321		142660	1615
2017	4	70001		1	5	19		0,9737		55457	540
2017	4	73001		1	5	19		1,0487		80672	846
2017	4	41001		1	5	19		1,078		57515	620
2017	4	20001		1	5	19		1,0163		65435	665
2017	4	81001		1	5	19		0,8024		27667	222
2017	4	68679		1	5		19	0,5043		7733	39
2017	4	25214		1	5		19	1,4087		4827	68
2017	4	50001	5000101	1	5	19		1,1192		6701	75
2017	4	50001	5000102	1	5	19		1,4226		8576	122
2017	4	50001	5000103	1	5	19		0,7671		9386	72
2017	4	50001	5000104	1	5	19		0,6347		12604	80
2017	4	50001	5000105	1	5	19		0,6516		22407	146
2017	4	50001	5000106	1	5	19		1,1054		3890	43
2017	4	50001	5000107	1	5	19		0,8504		13993	119
2017	4	50001	5000108	1	5	19		0,9835		9049	89
2017	4	73001	7300101	1	5	19		0,7439		8469	63
2017	4	73001	7300102	1	5	19		0,5305		1508	8
2017	4	73001	7300103	1	5	19		0,7983		2881	23
2017	4	73001	7300104	1	5	19		0,6113		5071	31
2017	4	73001	7300105	1	5	19		0,7708		4930	38
2017	4	73001	7300106	1	5	19		0,5178		4249	22
2017	4	73001	7300107	1	5	19		1,0483		7536	79
2017	4	73001	7300108	1	5	19		0,9335		8570	80
2017	4	73001	7300109	1	5	19		2,5065		9934	249
2017	4	73001	7300110	1	5	19		0,3697		7033	26
2017	4	73001	7300111	1	5	19		0,5002		2999	15
2017	4	73001	7300112	1	5	19		0,6414		3586	23
2017	4	73001	7300113	1	5	19		0,3974		3523	14
2017	4	13001	1300102	1	5	19		1,1905		47880	570
2017	4	13001	1300103	1	5	19		1,1877		50265	597
2017	4	13001	1300101	1	5	19		1,0064		44515	448
2017	4	5001	500116	1	5	19		1,0485		14116	148
2017	4	5001	500101	1	5	19		0,9547		12360	118
2017	4	5001	500107	1	5	19		1,5628		26107	408
2017	4	5001	500104	1	5	19		1,9348		20260	392
2017	4	5001	500105	1	5	19		1,7613		19929	351
2017	4	5001	500115	1	5	19		1,2213		8106	99
2017	4	5001	500103	1	5	19		1,2422		16905	210
2017	4	5001	500114	1	5	19		0,9213		10094	93
2017	4	5001	500112	1	5	19		1,2414		5397	67
2017	4	5001	500113	1	5	19		1,4903		12481	186



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	5001	500102	1	5	19		1,3778		17927	247
2017	4	5001	500109	1	5	19		1,5802		11834	187
2017	4	5001	500110	1	5	19		1,1755		25947	305
2017	4	5001	500108	1	5	19		1,3457		16869	227
2017	4	5001	500106	1	5	19		1,2738		13503	172
2017	4	5001	500111	1	5	19		1,0573		10593	112
2017	4	68307		1	5		19	1,6064		21165	340
2017	4	15491		1	5		19	1,4695		2654	39
2017	4	25817		1	5		19	0,7317		9977	73
2017	4	5380		1	5		19	1,0972		9752	107
2017	4	5607		1	5		19	0,9794		2961	29
2017	4	44430		1	5		19	1,4082		27553	388
2017	4	68276		1	5		19	1,4027		24595	345
2017	4	54405		1	5		19	1,0613		11307	120
2017	4	25754		1	5		19	1,0374		84348	875
2017	4	17380		1	5		19	0,8845		15489	137
2017	4	5318		1	5		19	1,2092		10337	125
2017	4	25290		1	5		19	1,6158		25313	409
2017	4	20011		1	5		19	1,9649		15115	297
2017	4	44560		1	5		19	1,4502		7792	113
2017	4	66170		1	5		19	0,5101		21565	110
2017	4	25126		1	5		19	1,5853		16275	258
2017	4	5266		1	5		19	1,7146		11723	201
2017	4	25899		1	5		19	1,3199		23032	304
2017	4	20400		1	5		19	1,8716		9938	186
2017	4	54498		1	5		19	1,0285		22654	233
2017	4	25269		1	5		19	1,8475		24465	452
2017	4	76834		1	5		19	0,8098		14324	116
2017	4	76109		1	5		19	1,1063		32722	362
2017	4	52835		1	5		19	1,4783		27397	405
2017	4	73449		1	5		19	1,0522		8268	87
2017	4	68547		1	5		19	1,3184		19872	262
2017	4	41551		1	5		19	1,0253		39209	402
2017	4	15759		1	5		19	1,0562		33327	352
2017	4	76147		1	5		19	0,6812		16883	115
2017	4	8758		1	5		19	1,0917		45892	501
2017	4	76520		1	5		19	1,3135		26190	344
2017	4	76892		1	5		19	1,0784		14188	153
2017	4	5212		1	5		19	1,3313		7361	98
2017	4	76130		1	5		19	1,187		12131	144
2017	4	76364		1	5		19	1,296		20834	270
2017	4	73268		1	5		19	1,2922		17722	229
2017	4	5376		1	5		19	1,4565		14693	214
2017	4	44847		1	5		19	1,3489		24539	331
2017	4	15572		1	5		19	1,6232		13492	219
2017	4	5088		1	5		19	1,8453		47363	874
2017	4	5837		1	5		19	1,8534		29675	550
2017	4	25799		1	5		19	1,1938		5026	60
2017	4	5615		1	5		19	1,3762		29356	404
2017	4	5129		1	5		19	1,3562		12019	163
2017	4	50006		1	5		19	1,703		23370	398
2017	4	25286		1	5		19	1,8477		22514	416
2017	4	25473		1	5		19	1,7699		16498	292
2017	4	52356		1	5		19	0,7612		12874	98
2017	4	5308		1	5		19	0,9391		7667	72
2017	4	8573		1	5		19	0,9058		5299	48
2017	4	85410		1	5		19	1,0918		5862	64
2017	4	25175		1	5		19	1,4353		22435	322
2017	4	54874		1	5		19	1,3412		10960	147
2017	4	50568		1	5		19	1,679		9291	156
2017	4	5360		1	5		19	1,4543		24273	353
2017	4	25758		1	5		19	1,4964		4277	64
2017	4	25307		1	5		19	1,1532		17864	206
2017	4	25377		1	5		19	1,2292		6264	77
2017	4	68081		1	5		19	1,3156		36181	476
2017	4	15238		1	5		19	1,1317		29249	331
2017	4	25430		1	5		19	1,2812		20059	257
2017	4	76111		1	5		19	1,0339		7738	80
2017	4	5045		1	5		19	0,7255		24534	178
2017	4	5631		1	5		19	1,7768		5234	93
2017	4	86001		2	5	20		4,1377		20156	834
2017	4	88001		2	5	21		0,5925		3882	23
2017	4	70001		1	6	9		0,8045		63767	513
2017	4	20400		1	6		9	0,9511		9042	86
2017	4	20011		1	6		9	0,9162		16263	149
2017	4	20001		1	6	9		0,8399		69890	587
2017	4	5001	500101	1	6	10		0,9526		4409	42
2017	4	5001	500107	1	6	10		1,3716		18737	257
2017	4	5001	500104	1	6	10		1,5102		17084	258



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5001	500105	1	6	10		1,1503		16083	185
2017	4	5001	500115	1	6	10		0,6528		14859	97
2017	4	5001	500103	1	6	10		1,0253		10338	106
2017	4	5001	500114	1	6	10		0,7309		22986	168
2017	4	5001	500112	1	6	10		0,7438		6857	51
2017	4	5001	500113	1	6	10		1,4479		8219	119
2017	4	5001	500102	1	6	10		1,0898		10736	117
2017	4	5001	500109	1	6	10		1,2821		8502	109
2017	4	5001	500110	1	6	10		0,7273		58026	422
2017	4	5001	500108	1	6	10		1,3081		11314	148
2017	4	5001	500106	1	6	10		0,9679		8885	86
2017	4	5001	500111	1	6	10		0,653		25422	166
2017	4	8001	800105	1	6	10		0,7146		12315	88
2017	4	8001	800103	1	6	10		0,7034		26299	185
2017	4	8001	800102	1	6	10		1,0305		15332	158
2017	4	8001	800101	1	6	10		0,9625		23273	224
2017	4	8001	800104	1	6	10		0,6941		58924	409
2017	4	68001	6800111	1	6	10		0,9908		2927	29
2017	4	68001	6800117	1	6	10		1,1622		2065	24
2017	4	68001	6800101	1	6	10		0,4049		4445	18
2017	4	68001	6800115	1	6	10		0,5039		7144	36
2017	4	68001	6800113	1	6	10		0,7304		10131	74
2017	4	68001	6800110	1	6	10		0,6415		2962	19
2017	4	68001	6800104	1	6	10		0,6908		6514	45
2017	4	68001	6800107	1	6	10		0,6228		1124	7
2017	4	68001	6800106	1	6	10		0,5166		4452	23
2017	4	68001	6800105	1	6	10		2,4251		4742	115
2017	4	68001	6800103	1	6	10		0,5544		8477	47
2017	4	68001	6800108	1	6	10		0,5871		1022	6
2017	4	68001	6800116	1	6	10		1,9517		2152	42
2017	4	68001	6800112	1	6	10		0,61		9836	60
2017	4	11001	1100107	1	6	10		0,626		73163	458
2017	4	11001	1100111	1	6	10		0,8835		115226	1018
2017	4	11001	1100105	1	6	10		0,8528		33420	285
2017	4	11001		1	6	10		0,8472	0,9563	1097748	9300
2017	4	8001		1	6	10		0,7784		138112	1075
2017	4	66001		1	6	10		1,0329		66418	686
2017	4	63001		1	6	10		0,4854		42027	204
2017	4	5001		1	6	10		1,0129		271210	2747
2017	4	11001	1100108	1	6	10		0,8302		139488	1158
2017	4	11001	1100101	1	6	10		0,8376		73423	615
2017	4	11001	1100110	1	6	10		0,7212		97477	703
2017	4	11001	1100109	1	6	10		0,6385		70322	449
2017	4	11001	1100114	1	6	10		0,8087		36850	298
2017	4	11001	1100103	1	6	10		1,1599		42244	490
2017	4	11001	1100102	1	6	10		0,7744		63403	491
2017	4	11001	1100117	1	6	10		0,9067		16434	149
2017	4	11001	1100106	1	6	10		0,6715		26061	175
2017	4	11001	1100113	1	6	10		1,0346		43881	454
2017	4	11001	1100118	1	6	10		0,9467		42251	400
2017	4	11001	1100116	1	6	10		0,9367		58394	547
2017	4	11001	1100104	1	6	10		1,2908		43540	562
2017	4	11001	1100115	1	6	10		0,8247		20008	165
2017	4	11001	1100112	1	6	10		0,6694		41826	280
2017	4	11001	1100119	1	6	10		0,9994		60337	603
2017	4	76001	7600101	1	6	10		0,5309		3014	16
2017	4	76001	7600102	1	6	10		0,3554		25321	90
2017	4	76001	7600103	1	6	10		0,3548		17756	63
2017	4	76001	7600104	1	6	10		0,1532		9139	14
2017	4	76001	7600105	1	6	10		0,5678		6340	36
2017	4	76001	7600106	1	6	10		0,7342		6129	45
2017	4	76001	7600107	1	6	10		0,2688		5208	14
2017	4	76001	7600108	1	6	10		0,4657		8589	40
2017	4	76001	7600109	1	6	10		0,8606		7785	67
2017	4	76001	7600110	1	6	10		0,6014		7482	45
2017	4	76001	7600111	1	6	10		0,8166		6735	55
2017	4	76001	7600112	1	6	10		2,1277		1880	40
2017	4	76001	7600113	1	6	10		0,6627		8752	58
2017	4	76001	7600114	1	6	10		1,1405		10697	122
2017	4	76001	7600115	1	6	10		0,8109		5673	46
2017	4	76001	7600116	1	6	10		1,195		6527	78
2017	4	76001	7600117	1	6	10		0,8165		14696	120
2017	4	76001	7600118	1	6	10		0,5866		8523	50
2017	4	76001	7600119	1	6	10		0,6407		20759	133
2017	4	76001	7600120	1	6	10		0,5053		1781	9
2017	4	76001	7600121	1	6	10		1,5322		3198	49
2017	4	76001	7600122	1	6	10		1,0277		4865	50
2017	4	13001		1	6	10		0,8974		158005	1418
2017	4	76001		1	6	10		0,6764		197369	1335



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	73001		1	6	10		0,7616		93230	710
2017	4	68001		1	6	10		0,8047		69094	556
2017	4	73001	7300101	1	6	10		0,5428		14186	77
2017	4	73001	7300102	1	6	10		0,5848		1539	9
2017	4	73001	7300103	1	6	10		0,5488		5466	30
2017	4	73001	7300104	1	6	10		0,5841		5650	33
2017	4	73001	7300105	1	6	10		0,6278		5097	32
2017	4	73001	7300106	1	6	10		0,8021		3491	28
2017	4	73001	7300107	1	6	10		1,2286		7000	86
2017	4	73001	7300108	1	6	10		1,0041		7569	76
2017	4	73001	7300109	1	6	10		0,6398		14536	93
2017	4	73001	7300110	1	6	10		0,4386		11172	49
2017	4	73001	7300111	1	6	10		0,169		2367	4
2017	4	73001	7300112	1	6	10		0,5948		3026	18
2017	4	73001	7300113	1	6	10		0,6011		2662	16
2017	4	13001	1300102	1	6	10		0,8404		47597	400
2017	4	13001	1300103	1	6	10		1,0488		47198	495
2017	4	13001	1300101	1	6	10		0,8274		63210	523
2017	4	5001	500116	1	6	10		1,0937		16183	177
2017	4	15001		1	6	18		0,8019		43397	348
2017	4	47001		1	6	19		0,5293		169833	899
2017	4	85001		1	6	19		1,3987		49762	696
2017	4	81001		1	6	19		0,9858		27796	274
2017	4	50001		1	6	19		1,0357		110551	1145
2017	4	86001		2	6	19		2,1083		22815	481
2017	4	54001	5400106	1	6	19		0,9115		12726	116
2017	4	54001	5400101	1	6	19		0,8099		9260	75
2017	4	54001	5400104	1	6	19		0,6914		5930	41
2017	4	54001	5400110	1	6	19		0,9055		5301	48
2017	4	54001	5400108	1	6	19		1,0685		17689	189
2017	4	54001	5400105	1	6	19		1,0207		6956	71
2017	4	54001	5400103	1	6	19		0,9246		6273	58
2017	4	54001	5400107	1	6	19		0,6866		14128	97
2017	4	54001	5400109	1	6	19		0,8365		9086	76
2017	4	54001	5400102	1	6	19		0,8323		6608	55
2017	4	18001		1	6	19		0,7817		44518	348
2017	4	41001		1	6	19		1,0422		58436	609
2017	4	52001		1	6	19		1,2618		68234	861
2017	4	23001		1	6	19		0,9637		141231	1361
2017	4	54001		1	6	19		1,0872		100996	1098
2017	4	95001		2	6	19		0,7034		9810	69
2017	4	17001		1	6	19		0,8619		49077	423
2017	4	19001		1	6	19		0,667		77814	519
2017	4	68679		1	6		19	0,9144		8202	75
2017	4	25214		1	6		19	0,9929		4935	49
2017	4	50001	5000101	1	6	19		1,0284		6807	70
2017	4	50001	5000102	1	6	19		1,0915		8612	94
2017	4	50001	5000103	1	6	19		0,6746		9190	62
2017	4	50001	5000104	1	6	19		0,7449		11948	89
2017	4	50001	5000105	1	6	19		0,6842		21045	144
2017	4	50001	5000106	1	6	19		0,7856		3946	31
2017	4	50001	5000107	1	6	19		0,7807		13322	104
2017	4	50001	5000108	1	6	19		1,0164		9642	98
2017	4	68307		1	6		19	1,1549		21473	248
2017	4	15491		1	6		19	1,6526		2602	43
2017	4	25817		1	6		19	0,7391		10147	75
2017	4	5380		1	6		19	0,8852		11636	103
2017	4	5607		1	6		19	0,7018		3420	24
2017	4	68276		1	6		19	1,3545		25101	340
2017	4	54405		1	6		19	0,9534		11433	109
2017	4	25754		1	6		19	1,0369		86505	897
2017	4	17380		1	6		19	0,6725		16060	108
2017	4	5318		1	6		19	1,1796		11190	132
2017	4	25290		1	6		19	1,5367		24793	381
2017	4	66170		1	6		19	0,7559		22888	173
2017	4	25126		1	6		19	1,3937		17005	237
2017	4	5266		1	6		19	1,2173		14130	172
2017	4	25899		1	6		19	1,3481		23292	314
2017	4	54498		1	6		19	0,8599		23956	206
2017	4	25269		1	6		19	1,1828		23927	283
2017	4	76834		1	6		19	0,9972		14440	144
2017	4	76109		1	6		19	0,9927		32941	327
2017	4	52835		1	6		19	1,3842		27163	376
2017	4	73449		1	6		19	1,2147		8809	107
2017	4	68547		1	6		19	1,5273		20101	307
2017	4	41551		1	6		19	1,0186		39955	407
2017	4	15759		1	6		19	0,8202		34136	280
2017	4	76147		1	6		19	0,6393		17363	111
2017	4	76520		1	6		19	1,2637		25719	325



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	76892		1	6		19	0,9365		13775	129
2017	4	5212		1	6		19	1,4599		8083	118
2017	4	76130		1	6		19	1,0377		11371	118
2017	4	76364		1	6		19	1,3139		21158	278
2017	4	73268		1	6		19	1,1955		18068	216
2017	4	5376		1	6		19	1,128		17287	195
2017	4	15572		1	6		19	1,5414		14273	220
2017	4	5088		1	6		19	1,4882		49993	744
2017	4	5837		1	6		19	1,2495		32014	400
2017	4	25799		1	6		19	0,9937		5233	52
2017	4	5615		1	6		19	1,2591		31291	394
2017	4	5129		1	6		19	1,0772		13554	146
2017	4	50006		1	6		19	1,2797		24146	309
2017	4	25286		1	6		19	1,5084		23269	351
2017	4	25473		1	6		19	1,5197		17240	262
2017	4	52356		1	6		19	0,9278		13042	121
2017	4	5308		1	6		19	1,1302		8317	94
2017	4	85410		1	6		19	1,15		5826	67
2017	4	25175		1	6		19	0,9365		22424	210
2017	4	54874		1	6		19	1,0253		11509	118
2017	4	50568		1	6		19	2,043		9447	193
2017	4	5360		1	6		19	1,2383		30363	376
2017	4	25758		1	6		19	1,6692		4553	76
2017	4	25307		1	6		19	1,0034		18337	184
2017	4	25377		1	6		19	1,5149		6139	93
2017	4	68081		1	6		19	1,077		37048	399
2017	4	15238		1	6		19	0,907		28997	263
2017	4	25430		1	6		19	1,1517		21533	248
2017	4	76111		1	6		19	1,1126		8179	91
2017	4	5045		1	6		19	0,7063		29308	207
2017	4	5631		1	6		19	1,0836		6091	66
2017	4	27001		2	6	20		1,1393		36777	419
2017	4	44001		1	6	21		1,2374		19396	240
2017	4	8573		1	6		21	0,872		3899	34
2017	4	44560		1	6		21	1,3387		4482	60
2017	4	8758		1	6		21	3,2035		37553	1203
2017	4	44847		1	6		21	1,2455		15094	188
2017	4	88001		2	6	21		0,8393		4170	35
2017	4	44430		1	6		21	1,442		16435	237
2017	4	68001	6800111	1	7	10		0,7192		3615	26
2017	4	68001	6800117	1	7	10		1,0357		1931	20
2017	4	68001	6800101	1	7	10		0,844		3673	31
2017	4	68001	6800115	1	7	10		0,2613		7655	20
2017	4	68001	6800113	1	7	10		0,3665		11187	41
2017	4	68001	6800110	1	7	10		0,724		3177	23
2017	4	68001	6800104	1	7	10		0,7346		6670	49
2017	4	68001	6800107	1	7	10		0,6969		1148	8
2017	4	68001	6800106	1	7	10		0,631		4596	29
2017	4	68001	6800105	1	7	10		1,7169		4776	82
2017	4	68001	6800103	1	7	10		0,7125		8982	64
2017	4	68001	6800108	1	7	10		0,8858		1016	9
2017	4	68001	6800116	1	7	10		1,5158		2177	33
2017	4	68001	6800112	1	7	10		0,7104		10135	72
2017	4	11001	1100107	1	7	10		0,5976		72797	435
2017	4	11001	1100111	1	7	10		0,8987		119170	1071
2017	4	11001	1100105	1	7	10		0,9955		34856	347
2017	4	73001		1	7	10		0,6484		93610	607
2017	4	8001		1	7	10		1,1602		161174	1870
2017	4	76001		1	7	10		0,7542		201816	1522
2017	4	66001		1	7	10		0,9959		68283	680
2017	4	11001	1100108	1	7	10		0,7187		143184	1029
2017	4	11001	1100101	1	7	10		0,8383		80644	676
2017	4	11001	1100110	1	7	10		0,798		103127	823
2017	4	11001	1100109	1	7	10		0,7554		69365	524
2017	4	11001	1100114	1	7	10		0,779		38769	302
2017	4	11001	1100103	1	7	10		0,8959		41410	371
2017	4	11001	1100102	1	7	10		0,851		66627	567
2017	4	11001	1100117	1	7	10		0,794		15870	126
2017	4	11001	1100106	1	7	10		0,8236		26590	219
2017	4	11001	1100113	1	7	10		0,8376		43817	367
2017	4	11001	1100118	1	7	10		1,1279		43887	495
2017	4	11001	1100116	1	7	10		0,7138		59820	427
2017	4	11001	1100104	1	7	10		1,297		44025	571
2017	4	11001	1100115	1	7	10		0,7794		20272	158
2017	4	11001	1100112	1	7	10		0,6149		44883	276
2017	4	11001	1100119	1	7	10		1,0043		60839	611
2017	4	76001	7600101	1	7	10		0,404		2970	12
2017	4	76001	7600102	1	7	10		0,4628		25713	119
2017	4	76001	7600103	1	7	10		0,3578		17888	64





INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	76001	7600104	1	7	10		0,2408		9552	23
2017	4	76001	7600105	1	7	10		0,6969		7175	50
2017	4	76001	7600106	1	7	10		1,3081		6498	85
2017	4	76001	7600107	1	7	10		0,7752		5160	40
2017	4	76001	7600108	1	7	10		0,5807		8611	50
2017	4	76001	7600109	1	7	10		0,4873		8003	39
2017	4	76001	7600110	1	7	10		0,7859		7635	60
2017	4	76001	7600111	1	7	10		1,6214		6291	102
2017	4	76001	7600112	1	7	10		1,0695		1870	20
2017	4	76001	7600113	1	7	10		0,8647		9367	81
2017	4	76001	7600114	1	7	10		1,019		9814	100
2017	4	76001	7600115	1	7	10		0,7567		5815	44
2017	4	76001	7600116	1	7	10		0,9024		6760	61
2017	4	76001	7600117	1	7	10		0,9576		15038	144
2017	4	76001	7600118	1	7	10		0,479		9185	44
2017	4	76001	7600119	1	7	10		0,7004		21132	148
2017	4	76001	7600120	1	7	10		1,2896		1861	24
2017	4	76001	7600121	1	7	10		0,8413		3566	30
2017	4	76001	7600122	1	7	10		1,5959		5013	80
2017	4	68001		1	7	10		0,7296		71825	524
2017	4	63001		1	7	10		0,5329		43348	231
2017	4	17001		1	7	10		0,6303		55691	351
2017	4	11001		1	7	10		0,8315	1,3105	1129952	9395
2017	4	73001	7300101	1	7	10		0,5677		14267	81
2017	4	73001	7300102	1	7	10		0,7056		1559	11
2017	4	73001	7300103	1	7	10		0,4297		5352	23
2017	4	73001	7300104	1	7	10		0,4659		5580	26
2017	4	73001	7300105	1	7	10		0,5335		5061	27
2017	4	73001	7300106	1	7	10		0,487		3491	17
2017	4	73001	7300107	1	7	10		0,4654		7090	33
2017	4	73001	7300108	1	7	10		0,6372		7533	48
2017	4	73001	7300109	1	7	10		0,9964		14352	143
2017	4	73001	7300110	1	7	10		0,2826		10971	31
2017	4	73001	7300111	1	7	10		0,5297		2454	13
2017	4	73001	7300112	1	7	10		0,8798		3069	27
2017	4	73001	7300113	1	7	10		0,3514		2846	10
2017	4	8001	800105	1	7	10		0,8543		14514	124
2017	4	8001	800103	1	7	10		0,8332		29526	246
2017	4	8001	800102	1	7	10		1,6356		17975	294
2017	4	8001	800101	1	7	10		2,8476		28902	823
2017	4	8001	800104	1	7	10		0,5377		67883	365
2017	4	85001		1	7	18		1,2148		59844	727
2017	4	15001		1	7	18		0,9561		43825	419
2017	4	19001		1	7	19		0,6703		77730	521
2017	4	27001		2	7	19		1,0463		43392	454
2017	4	44001		1	7	19		1,3848		32496	450
2017	4	20001		1	7	19		1,1813		70431	832
2017	4	23001		1	7	19		1,2776		120303	1537
2017	4	95001		2	7	19		0,9289		10227	95
2017	4	54001	5400106	1	7	19		0,8216		12537	103
2017	4	54001	5400101	1	7	19		0,562		9430	53
2017	4	54001	5400104	1	7	19		0,707		5799	41
2017	4	54001	5400110	1	7	19		1,0891		5142	56
2017	4	54001	5400108	1	7	19		0,9723		17485	170
2017	4	54001	5400105	1	7	19		1,1306		7253	82
2017	4	54001	5400103	1	7	19		1,3639		6379	87
2017	4	54001	5400107	1	7	19		0,8078		13989	113
2017	4	54001	5400109	1	7	19		1,0345		9183	95
2017	4	54001	5400102	1	7	19		0,8619		6381	55
2017	4	5001		1	7	19		1,3559		273104	3703
2017	4	47001		1	7	19		0,7258		51669	375
2017	4	50001		1	7	19		1,0153		116515	1183
2017	4	18001		1	7	19		0,88		44317	390
2017	4	54001		1	7	19		1,0725		100416	1077
2017	4	70001		1	7	19		0,8639		57532	497
2017	4	41001		1	7	19		1,1013		59294	653
2017	4	52001		1	7	19		1,4137		69253	979
2017	4	13001		1	7	19		1,0385		146842	1525
2017	4	81001		1	7	19		0,9652		28906	279
2017	4	68679		1	7		19	0,7188		8486	61
2017	4	25214		1	7		19	1,5549		4952	77
2017	4	50001	5000101	1	7	19		1,1677		6680	78
2017	4	50001	5000102	1	7	19		0,9405		8825	83
2017	4	50001	5000103	1	7	19		0,5657		9369	53
2017	4	50001	5000104	1	7	19		0,7375		12474	92
2017	4	50001	5000105	1	7	19		0,6624		23098	153
2017	4	50001	5000106	1	7	19		0,5968		4524	27
2017	4	50001	5000107	1	7	19		0,886		14899	132
2017	4	50001	5000108	1	7	19		1,028		10506	108



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	13001	1300102	1	7	19		0,9748		49034	478
2017	4	13001	1300103	1	7	19		1,1328		50404	571
2017	4	13001	1300101	1	7	19		1,0041		47404	476
2017	4	5001	500116	1	7	19		0,9722		14194	138
2017	4	5001	500101	1	7	19		1,0926		12539	137
2017	4	5001	500107	1	7	19		1,6233		26797	435
2017	4	5001	500104	1	7	19		1,6857		21119	356
2017	4	5001	500105	1	7	19		1,7399		22990	400
2017	4	5001	500115	1	7	19		1,0688		8608	92
2017	4	5001	500103	1	7	19		1,0022		17362	174
2017	4	5001	500114	1	7	19		1,3826		10126	140
2017	4	5001	500112	1	7	19		1,0767		5851	63
2017	4	5001	500113	1	7	19		1,3586		13175	179
2017	4	5001	500102	1	7	19		1,1733		17983	211
2017	4	5001	500109	1	7	19		1,4714		12029	177
2017	4	5001	500110	1	7	19		1,0722		29378	315
2017	4	5001	500108	1	7	19		1,2506		17351	217
2017	4	5001	500106	1	7	19		1,4377		14537	209
2017	4	5001	500111	1	7	19		1,1257		12526	141
2017	4	68307		1	7		19	1,4156		20910	296
2017	4	15491		1	7		19	1,1173		2685	30
2017	4	25817		1	7		19	0,6915		10557	73
2017	4	5380		1	7		19	1,0569		10219	108
2017	4	5607		1	7		19	0,403		3474	14
2017	4	44430		1	7		19	1,2437		30312	377
2017	4	68276		1	7		19	1,1256		24520	276
2017	4	54405		1	7		19	0,8695		11041	96
2017	4	25754		1	7		19	1,3159		95294	1254
2017	4	17380		1	7		19	0,8457		15964	135
2017	4	5318		1	7		19	1,2882		11256	145
2017	4	25290		1	7		19	1,6374		25711	421
2017	4	20011		1	7		19	1,1604		16373	190
2017	4	44560		1	7		19	1,4424		9082	131
2017	4	66170		1	7		19	1,0088		28251	285
2017	4	25126		1	7		19	1,4664		17253	253
2017	4	5266		1	7		19	1,3484		12904	174
2017	4	25899		1	7		19	1,2144		23881	290
2017	4	20400		1	7		19	1,3333		11250	150
2017	4	54498		1	7		19	0,8348		23599	197
2017	4	25269		1	7		19	1,6438		24881	409
2017	4	76834		1	7		19	0,8247		14794	122
2017	4	76109		1	7		19	0,9012		33622	303
2017	4	52835		1	7		19	1,272		26494	337
2017	4	73449		1	7		19	1,0666		9282	99
2017	4	68547		1	7		19	1,5907		19866	316
2017	4	41551		1	7		19	1,0599		39345	417
2017	4	15759		1	7		19	0,89		34493	307
2017	4	76147		1	7		19	0,6585		17463	115
2017	4	8758		1	7		19	2,725		49835	1358
2017	4	76520		1	7		19	1,3139		27628	363
2017	4	76892		1	7		19	1,0668		15092	161
2017	4	5212		1	7		19	1,5301		7908	121
2017	4	76130		1	7		19	1,145		11354	130
2017	4	76364		1	7		19	1,2475		20602	257
2017	4	73268		1	7		19	1,1704		18626	218
2017	4	5376		1	7		19	1,1897		15971	190
2017	4	44847		1	7		19	1,1409		26822	306
2017	4	15572		1	7		19	1,4627		13537	198
2017	4	5088		1	7		19	1,8086		50371	911
2017	4	5837		1	7		19	1,7294		32149	556
2017	4	25799		1	7		19	1,175		5447	64
2017	4	5615		1	7		19	1,1439		29724	340
2017	4	5129		1	7		19	1,347		12769	172
2017	4	50006		1	7		19	1,5659		25033	392
2017	4	25286		1	7		19	1,6027		23149	371
2017	4	25473		1	7		19	1,4449		17095	247
2017	4	52356		1	7		19	1,0501		13427	141
2017	4	5308		1	7		19	0,7903		8351	66
2017	4	8573		1	7		19	1,0995		5366	59
2017	4	85410		1	7		19	0,9732		5857	57
2017	4	25175		1	7		19	1,3771		23745	327
2017	4	54874		1	7		19	1,1626		11354	132
2017	4	50568		1	7		19	1,6726		9207	154
2017	4	5360		1	7		19	1,6352		26724	437
2017	4	25758		1	7		19	2,2443		4634	104
2017	4	25307		1	7		19	1,1067		19608	217
2017	4	25377		1	7		19	1,3613		7052	96
2017	4	68081		1	7		19	1,3032		37754	492
2017	4	15238		1	7		19	0,7979		29077	232



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	25430		1	7		19	1,1942		21856	261
2017	4	76111		1	7		19	0,6436		9167	59
2017	4	5045		1	7		19	0,6941		28093	195
2017	4	5631		1	7		19	1,6983		5535	94
2017	4	88001		2	7	20		0,5458		4947	27
2017	4	86001		2	7	20		2,3829		17542	418
2017	4	76111		1	8		10	0,7569		10173	77
2017	4	50001	5000103	1	8	10		0,5013		12567	63
2017	4	50001	5000104	1	8	10		0,7353		11016	81
2017	4	50001	5000105	1	8	10		0,5957		21823	130
2017	4	50001	5000106	1	8	10		0,7925		4669	37
2017	4	50001	5000107	1	8	10		0,7653		14634	112
2017	4	50001	5000108	1	8	10		1,1467		9418	108
2017	4	73001	7300101	1	8	10		0,5642		12229	69
2017	4	73001	7300102	1	8	10		0,456		1535	7
2017	4	73001	7300103	1	8	10		0,5148		5439	28
2017	4	73001	7300104	1	8	10		0,501		5788	29
2017	4	73001	7300105	1	8	10		0,9148		5138	47
2017	4	73001	7300106	1	8	10		0,8742		3546	31
2017	4	73001	7300107	1	8	10		0,8344		7550	63
2017	4	73001	7300108	1	8	10		0,9556		8372	80
2017	4	73001	7300109	1	8	10		1,8914		13535	256
2017	4	73001	7300110	1	8	10		0,4352		9422	41
2017	4	73001	7300111	1	8	10		0,2783		2515	7
2017	4	73001	7300112	1	8	10		0,4723		2964	14
2017	4	73001	7300113	1	8	10		0,4028		2731	11
2017	4	5001	500116	1	8	10		0,8463		14889	126
2017	4	5001	500101	1	8	10		0,7269		7566	55
2017	4	5001	500107	1	8	10		1,2079		19373	234
2017	4	5001	500104	1	8	10		1,373		17043	234
2017	4	5001	500105	1	8	10		1,3495		17266	233
2017	4	5001	500115	1	8	10		0,6363		12887	82
2017	4	5001	500103	1	8	10		0,7481		11228	84
2017	4	5001	500114	1	8	10		0,9475		15303	145
2017	4	5001	500112	1	8	10		1,0193		6475	66
2017	4	5001	500113	1	8	10		1,1558		9344	108
2017	4	5001	500102	1	8	10		1,184		11149	132
2017	4	5001	500109	1	8	10		1,3498		8964	121
2017	4	5001	500110	1	8	10		0,6516		48496	316
2017	4	5001	500108	1	8	10		1,2326		12656	156
2017	4	5001	500106	1	8	10		1,1842		9542	113
2017	4	5001	500111	1	8	10		0,5913		22154	131
2017	4	8001	800105	1	8	10		0,6564		11731	77
2017	4	8001	800103	1	8	10		0,9874		30080	297
2017	4	8001	800102	1	8	10		2,2863		14434	330
2017	4	8001	800101	1	8	10		3,4794		27476	956
2017	4	8001	800104	1	8	10		0,4677		54092	253
2017	4	68001	6800111	1	8	10		0,4985		4413	22
2017	4	68001	6800117	1	8	10		1,26		2381	30
2017	4	68001	6800101	1	8	10		0,6534		4438	29
2017	4	68001	6800115	1	8	10		0,3764		5845	22
2017	4	68001	6800113	1	8	10		0,5431		8838	48
2017	4	68001	6800110	1	8	10		0,618		3236	20
2017	4	68001	6800104	1	8	10		0,547		6216	34
2017	4	68001	6800107	1	8	10		1,1132		1078	12
2017	4	68001	6800106	1	8	10		0,7251		4689	34
2017	4	68001	6800105	1	8	10		1,7258		5331	92
2017	4	68001	6800103	1	8	10		0,5902		8641	51
2017	4	68001	6800108	1	8	10		0,9346		1070	10
2017	4	68001	6800116	1	8	10		1,561		2114	33
2017	4	68001	6800112	1	8	10		0,8439		6873	58
2017	4	11001	1100107	1	8	10		0,8821		77314	682
2017	4	11001	1100111	1	8	10		0,9532		118439	1129
2017	4	11001	1100105	1	8	10		0,8073		35797	289
2017	4	76834		1	8		10	0,8593		15826	136
2017	4	76109		1	8		10	0,8242		35793	295
2017	4	76147		1	8		10	0,8033		19296	155
2017	4	76520		1	8		10	1,2038		29821	359
2017	4	76892		1	8		10	0,8305		19386	161
2017	4	76130		1	8		10	1,1749		11235	132
2017	4	76364		1	8		10	1,1003		21357	235
2017	4	76001		1	8	10		0,67		181636	1217
2017	4	54001		1	8	10		0,8124		112994	918
2017	4	11001		1	8	10		0,8722	0,479	1054289	9195
2017	4	15001		1	8	10		0,6927		36813	255
2017	4	41001		1	8	10		0,8707		63857	556
2017	4	11001	1100108	1	8	10		0,9024		149827	1352
2017	4	11001	1100101	1	8	10		0,7827		71035	556
2017	4	11001	1100110	1	8	10		0,8413		103772	873



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	11001	1100109	1	8	10		0,7375		63052	465
2017	4	11001	1100114	1	8	10		0,6813		31706	216
2017	4	11001	1100103	1	8	10		0,7211		32729	236
2017	4	11001	1100102	1	8	10		0,8738		39483	345
2017	4	11001	1100117	1	8	10		0,8542		10887	93
2017	4	11001	1100106	1	8	10		1,0162		28046	285
2017	4	11001	1100113	1	8	10		0,6609		29506	195
2017	4	11001	1100118	1	8	10		1,2228		46449	568
2017	4	11001	1100116	1	8	10		0,7236		50031	362
2017	4	11001	1100104	1	8	10		1,2667		46578	590
2017	4	11001	1100115	1	8	10		0,587		18909	111
2017	4	11001	1100112	1	8	10		0,5786		36642	212
2017	4	11001	1100119	1	8	10		0,9924		64087	636
2017	4	76001	7600101	1	8	10		0,4123		3153	13
2017	4	76001	7600102	1	8	10		0,4732		19864	94
2017	4	76001	7600103	1	8	10		0,3099		12583	39
2017	4	76001	7600104	1	8	10		0,2176		7814	17
2017	4	76001	7600105	1	8	10		0,4347		6441	28
2017	4	76001	7600106	1	8	10		0,8967		6580	59
2017	4	76001	7600107	1	8	10		0,4595		5005	23
2017	4	76001	7600108	1	8	10		0,474		8227	39
2017	4	76001	7600109	1	8	10		0,8012		7738	62
2017	4	76001	7600110	1	8	10		0,7306		7802	57
2017	4	76001	7600111	1	8	10		0,9254		6808	63
2017	4	76001	7600112	1	8	10		0,961		1873	18
2017	4	76001	7600113	1	8	10		0,7574		9506	72
2017	4	76001	7600114	1	8	10		0,6506		10913	71
2017	4	76001	7600115	1	8	10		0,8659		5890	51
2017	4	76001	7600116	1	8	10		0,7542		7160	54
2017	4	76001	7600117	1	8	10		0,9845		13509	133
2017	4	76001	7600118	1	8	10		0,4053		9130	37
2017	4	76001	7600119	1	8	10		0,6958		15810	110
2017	4	76001	7600120	1	8	10		0,4103		1950	8
2017	4	76001	7600121	1	8	10		0,5836		3427	20
2017	4	76001	7600122	1	8	10		1,8682		3854	72
2017	4	54001	5400106	1	8	10		0,7525		14086	106
2017	4	54001	5400101	1	8	10		0,4035		20818	84
2017	4	54001	5400104	1	8	10		0,65		6462	42
2017	4	54001	5400110	1	8	10		0,9978		5011	50
2017	4	54001	5400108	1	8	10		0,8889		14737	131
2017	4	54001	5400105	1	8	10		0,6831		9954	68
2017	4	54001	5400103	1	8	10		0,9639		6017	58
2017	4	54001	5400107	1	8	10		0,5947		12611	75
2017	4	54001	5400109	1	8	10		0,9017		8207	74
2017	4	54001	5400102	1	8	10		0,6139		8145	50
2017	4	5001		1	8	10		1,0023		258194	2588
2017	4	66001		1	8	10		1,0762		64392	693
2017	4	63001		1	8	10		0,4644		39403	183
2017	4	17001		1	8	10		0,6235		50360	314
2017	4	73001		1	8	10		0,9322		89362	833
2017	4	68001		1	8	10		0,768		66278	509
2017	4	8001		1	8	10		1,3847		139954	1938
2017	4	50001		1	8	10		0,8882		121931	1083
2017	4	52001		1	8	10		1,0714		70747	758
2017	4	50001	5000101	1	8	10		0,8947		8606	77
2017	4	50001	5000102	1	8	10		0,634		14985	95
2017	4	81001		1	8	18		0,8449		29233	247
2017	4	85001		1	8	18		1,1449		53455	612
2017	4	15238		1	8		18	0,9161		31547	289
2017	4	15759		1	8		18	0,7632		37083	283
2017	4	15572		1	8		18	1,5073		14198	214
2017	4	15491		1	8		18	1,6376		2870	47
2017	4	19001		1	8	19		0,7179		74805	537
2017	4	70001		1	8	19		0,9154		54621	500
2017	4	95001		2	8	19		0,8823		10314	91
2017	4	13001		1	8	19		1,3567		138941	1885
2017	4	44001		1	8	19		1,2533		32553	408
2017	4	88001		2	8	19		0,6694		5826	39
2017	4	23001		1	8	19		1,1455		118294	1355
2017	4	86001		2	8	19		1,643		20146	331
2017	4	20001		1	8	19		1,2493		62596	782
2017	4	47001		1	8	19		0,8294		49191	408
2017	4	18001		1	8	19		0,8036		42559	342
2017	4	68679		1	8		19	0,6725		7881	53
2017	4	25214		1	8		19	0,9861		4158	41
2017	4	13001	1300102	1	8	19		1,4566		48195	702
2017	4	13001	1300103	1	8	19		1,5432		48600	750
2017	4	13001	1300101	1	8	19		1,0274		42146	433
2017	4	68307		1	8		19	1,4364		19981	287



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	25817		1	8		19	0,6883		10024	69
2017	4	5380		1	8		19	1,3308		9393	125
2017	4	5607		1	8		19	1,2903		2790	36
2017	4	44430		1	8		19	1,3855		26706	370
2017	4	68276		1	8		19	1,1123		24365	271
2017	4	54405		1	8		19	0,8724		11807	103
2017	4	25754		1	8		19	1,1634		89566	1042
2017	4	17380		1	8		19	0,8498		16004	136
2017	4	5318		1	8		19	0,9846		10969	108
2017	4	25290		1	8		19	1,3372		26474	354
2017	4	20011		1	8		19	1,3227		15650	207
2017	4	44560		1	8		19	1,4425		8527	123
2017	4	66170		1	8		19	0,8931		21721	194
2017	4	25126		1	8		19	1,299		14627	190
2017	4	5266		1	8		19	1,2157		10364	126
2017	4	25899		1	8		19	1,1842		22631	268
2017	4	20400		1	8		19	1,2422		8533	106
2017	4	54498		1	8		19	0,9919		22583	224
2017	4	25269		1	8		19	1,5044		23597	355
2017	4	52835		1	8		19	1,3118		26986	354
2017	4	73449		1	8		19	1,238		9774	121
2017	4	68547		1	8		19	1,3849		20507	284
2017	4	41551		1	8		19	0,9725		41232	401
2017	4	8758		1	8		19	2,4791		46307	1148
2017	4	5212		1	8		19	1,6789		8279	139
2017	4	73268		1	8		19	0,9485		20137	191
2017	4	5376		1	8		19	1,5829		15225	241
2017	4	44847		1	8		19	1,2684		25702	326
2017	4	5088		1	8		19	1,7387		45550	792
2017	4	5837		1	8		19	1,6774		32491	545
2017	4	25799		1	8		19	0,9757		6047	59
2017	4	5615		1	8		19	1,3265		27817	369
2017	4	5129		1	8		19	1,1232		12286	138
2017	4	50006		1	8		19	1,0264		23773	244
2017	4	25286		1	8		19	1,4587		21595	315
2017	4	25473		1	8		19	2,926		15516	454
2017	4	52356		1	8		19	0,8653		13522	117
2017	4	5308		1	8		19	1,1515		8163	94
2017	4	8573		1	8		19	0,7915		4422	35
2017	4	85410		1	8		19	0,499		5411	27
2017	4	25175		1	8		19	1,0952		20087	220
2017	4	54874		1	8		19	1,1585		11998	139
2017	4	50568		1	8		19	1,6148		8546	138
2017	4	5360		1	8		19	1,5849		24355	386
2017	4	25758		1	8		19	1,5823		4108	65
2017	4	25307		1	8		19	1,1827		20377	241
2017	4	25377		1	8		19	1,1776		6199	73
2017	4	68081		1	8		19	1,1216		35932	403
2017	4	25430		1	8		19	1,0051		20993	211
2017	4	5045		1	8		19	0,6978		28804	201
2017	4	5631		1	8		19	1,4846		4513	67
2017	4	27001		2	8	20		1,1768		39343	463
2017	4	47001		1	9	19		0,7366		41678	307
2017	4	66001		1	9	19		1,2898		42798	552
2017	4	18001		1	9	19		0,9132		35480	324
2017	4	23001		1	9	19		1,2946		103739	1343
2017	4	41001		1	9	19		1,1703		45287	530
2017	4	68001		1	9	19		1,0197		34716	354
2017	4	17001		1	9	19		1,1744		36273	426
2017	4	63001		1	9	19		0,6637		26669	177
2017	4	44001		1	9	19		1,0354		25691	266
2017	4	95001		2	9	19		0,9164		8402	77
2017	4	85001		1	9	19		1,2118		39857	483
2017	4	11001	1100108	1	9	19		1,4187		100867	1431
2017	4	11001	1100101	1	9	19		1,3681		35450	485
2017	4	11001	1100110	1	9	19		0,9749		71803	700
2017	4	11001	1100109	1	9	19		0,8495		33433	284
2017	4	11001	1100114	1	9	19		0,8832		9851	87
2017	4	11001	1100103	1	9	19		1,15		12000	138
2017	4	11001	1100102	1	9	19		1,0974		10844	119
2017	4	11001	1100117	1	9	19		2,7328		2781	76
2017	4	11001	1100106	1	9	19		1,5948		22322	356
2017	4	11001	1100113	1	9	19		0,8536		8903	76
2017	4	11001	1100118	1	9	19		1,6022		40320	646
2017	4	11001	1100116	1	9	19		1,6265		21888	356
2017	4	11001	1100104	1	9	19		1,4266		46545	664
2017	4	11001	1100115	1	9	19		0,8254		8117	67
2017	4	11001	1100112	1	9	19		0,5413		14224	77
2017	4	11001	1100119	1	9	19		1,331		69499	925



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	76001	7600101	1	9	19		0,4733		3169	15
2017	4	76001	7600102	1	9	19		0,639		8451	54
2017	4	76001	7600103	1	9	19		0,6737		3117	21
2017	4	76001	7600104	1	9	19		0,2958		3043	9
2017	4	76001	7600105	1	9	19		0,7197		4446	32
2017	4	76001	7600106	1	9	19		0,9735		5444	53
2017	4	76001	7600107	1	9	19		0,8464		4017	34
2017	4	76001	7600108	1	9	19		0,9886		4552	45
2017	4	76001	7600109	1	9	19		0,8357		2513	21
2017	4	76001	7600110	1	9	19		0,7091		4372	31
2017	4	76001	7600111	1	9	19		1,0652		5257	56
2017	4	76001	7600112	1	9	19		1,3597		1618	22
2017	4	76001	7600113	1	9	19		0,7878		10028	79
2017	4	76001	7600114	1	9	19		1,3198		12426	164
2017	4	76001	7600115	1	9	19		1,2964		6865	89
2017	4	76001	7600116	1	9	19		1,5188		6650	101
2017	4	76001	7600117	1	9	19		1,7495		6859	120
2017	4	76001	7600118	1	9	19		0,7534		8229	62
2017	4	76001	7600119	1	9	19		1,0753		7812	84
2017	4	76001	7600120	1	9	19		0,5589		2147	12
2017	4	76001	7600121	1	9	19		1,1678		4453	52
2017	4	76001	7600122	1	9	19		2,2188		1307	29
2017	4	54001	5400106	1	9	19		1,056		10701	113
2017	4	54001	5400101	1	9	19		1,0511		4091	43
2017	4	54001	5400104	1	9	19		0,6304		4283	27
2017	4	54001	5400110	1	9	19		1,1233		4095	46
2017	4	54001	5400108	1	9	19		0,9396		16070	151
2017	4	54001	5400105	1	9	19		1,197		4595	55
2017	4	54001	5400103	1	9	19		1,2133		5522	67
2017	4	54001	5400107	1	9	19		0,7122		11654	83
2017	4	54001	5400109	1	9	19		0,845		8047	68
2017	4	54001	5400102	1	9	19		1,2724		3851	49
2017	4	11001		1	9	19		1,2862	2,0631	724623	9320
2017	4	50001		1	9	19		1,1049		90329	998
2017	4	70001		1	9	19		0,9027		47413	428
2017	4	15001		1	9	19		1,0654		22245	237
2017	4	76001		1	9	19		1,0311		122684	1265
2017	4	81001		1	9	19		0,932		22748	212
2017	4	86001		2	9	19		1,9976		16520	330
2017	4	54001		1	9	19		1,1571		78041	903
2017	4	73001		1	9	19		1,217		65573	798
2017	4	20001		1	9	19		1,1796		56035	661
2017	4	19001		1	9	19		0,8729		56821	496
2017	4	27001		2	9	19		1,0588		37966	402
2017	4	5001		1	9	19		1,496		194190	2905
2017	4	8001		1	9	19		2,121		78407	1663
2017	4	13001		1	9	19		1,1595		120484	1397
2017	4	52001		1	9	19		1,6118		54909	885
2017	4	68679		1	9		19	0,7225		6367	46
2017	4	25214		1	9		19	1,6949		3127	53
2017	4	50001	5000101	1	9	19		1,5041		6050	91
2017	4	50001	5000102	1	9	19		1,134		5379	61
2017	4	50001	5000103	1	9	19		0,6739		7123	48
2017	4	50001	5000104	1	9	19		0,7519		10906	82
2017	4	50001	5000105	1	9	19		0,72		17640	127
2017	4	50001	5000106	1	9	19		0,6463		2940	19
2017	4	50001	5000107	1	9	19		0,8506		9758	83
2017	4	50001	5000108	1	9	19		1,2262		7666	94
2017	4	73001	7300101	1	9	19		0,8449		5918	50
2017	4	73001	7300102	1	9	19		0,4055		1233	5
2017	4	73001	7300103	1	9	19		1,247		2085	26
2017	4	73001	7300104	1	9	19		0,9412		3931	37
2017	4	73001	7300105	1	9	19		0,9588		3546	34
2017	4	73001	7300106	1	9	19		0,7741		3617	28
2017	4	73001	7300107	1	9	19		1,2067		6878	83
2017	4	73001	7300108	1	9	19		0,9729		7298	71
2017	4	73001	7300109	1	9	19		2,133		7970	170
2017	4	73001	7300110	1	9	19		0,6447		4653	30
2017	4	73001	7300111	1	9	19		0,2433		2466	6
2017	4	73001	7300112	1	9	19		0,8641		3009	26
2017	4	73001	7300113	1	9	19		0,7769		3218	25
2017	4	13001	1300102	1	9	19		0,8958		42418	380
2017	4	13001	1300103	1	9	19		1,6616		42428	705
2017	4	13001	1300101	1	9	19		0,8755		35638	312
2017	4	5001	500116	1	9	19		1,0441		9673	101
2017	4	5001	500101	1	9	19		0,8675		11643	101
2017	4	5001	500107	1	9	19		1,5864		21811	346
2017	4	5001	500104	1	9	19		1,7307		15658	271
2017	4	5001	500105	1	9	19		1,9662		14851	292



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5001	500115	1	9	19		1,1383		5271	60
2017	4	5001	500103	1	9	19		1,3135		14313	188
2017	4	5001	500114	1	9	19		1,3614		4995	68
2017	4	5001	500112	1	9	19		2,0029		3495	70
2017	4	5001	500113	1	9	19		1,5233		10372	158
2017	4	5001	500102	1	9	19		1,294		15379	199
2017	4	5001	500109	1	9	19		1,6945		9206	156
2017	4	5001	500110	1	9	19		1,2413		11842	147
2017	4	5001	500108	1	9	19		1,6792		13816	232
2017	4	5001	500106	1	9	19		1,3358		11978	160
2017	4	5001	500111	1	9	19		1,4513		5857	85
2017	4	8001	800105	1	9	19		0,5642		5140	29
2017	4	8001	800103	1	9	19		0,7336		15949	117
2017	4	8001	800102	1	9	19		2,4484		16909	414
2017	4	8001	800101	1	9	19		3,8628		25111	970
2017	4	8001	800104	1	9	19		0,833		13326	111
2017	4	68001	6800111	1	9	19		1,3655		1904	26
2017	4	68001	6800117	1	9	19		1,7213		1801	31
2017	4	68001	6800101	1	9	19		0,4909		4278	21
2017	4	68001	6800115	1	9	19		1,2623		713	9
2017	4	68001	6800113	1	9	19		0,7592		4083	31
2017	4	68001	6800110	1	9	19		1,1164		2508	28
2017	4	68001	6800104	1	9	19		1,5271		1899	29
2017	4	68001	6800107	1	9	19		0,2695		742	2
2017	4	68001	6800106	1	9	19		0,8915		2019	18
2017	4	68001	6800105	1	9	19		1,0684		4212	45
2017	4	68001	6800103	1	9	19		0,7451		4966	37
2017	4	68001	6800108	1	9	19		1,1665		943	11
2017	4	68001	6800116	1	9	19		1,627		1598	26
2017	4	68001	6800112	1	9	19		1,4533		1789	26
2017	4	11001	1100107	1	9	19		1,229		82425	1013
2017	4	11001	1100111	1	9	19		1,4142		93765	1326
2017	4	11001	1100105	1	9	19		1,2479		39586	494
2017	4	68307		1	9		19	1,1785		16037	189
2017	4	15491		1	9		19	1,8102		2044	37
2017	4	25817		1	9		19	0,7615		7748	59
2017	4	5380		1	9		19	0,9061		7505	68
2017	4	5607		1	9		19	1,1755		2467	29
2017	4	44430		1	9		19	1,2255		25786	316
2017	4	68276		1	9		19	1,0171		18583	189
2017	4	54405		1	9		19	0,8822		8842	78
2017	4	25754		1	9		19	1,1503		73110	841
2017	4	17380		1	9		19	0,8942		13308	119
2017	4	5318		1	9		19	1,1528		9195	106
2017	4	25290		1	9		19	1,7124		22366	383
2017	4	20011		1	9		19	0,9762		13420	131
2017	4	44560		1	9		19	1,3379		7923	106
2017	4	66170		1	9		19	0,7212		16362	118
2017	4	25126		1	9		19	1,3206		11586	153
2017	4	5266		1	9		19	1,4282		7422	106
2017	4	25899		1	9		19	1,2802		17341	222
2017	4	20400		1	9		19	0,945		8783	83
2017	4	54498		1	9		19	0,866		19861	172
2017	4	25269		1	9		19	1,529		19359	296
2017	4	76834		1	9		19	1,1255		11728	132
2017	4	76109		1	9		19	0,8762		27505	241
2017	4	52835		1	9		19	1,604		25685	412
2017	4	73449		1	9		19	1,3153		8971	118
2017	4	68547		1	9		19	1,5757		16754	264
2017	4	41551		1	9		19	1,0215		35929	367
2017	4	15759		1	9		19	0,9409		25614	241
2017	4	76147		1	9		19	1,0079		14486	146
2017	4	8758		1	9		19	2,8049		41963	1177
2017	4	76520		1	9		19	2,4513		20724	508
2017	4	76892		1	9		19	1,563		9725	152
2017	4	5212		1	9		19	1,3684		5773	79
2017	4	76130		1	9		19	1,2924		10523	136
2017	4	76364		1	9		19	1,4746		17361	256
2017	4	73268		1	9		19	1,1585		14674	170
2017	4	5376		1	9		19	1,4655		11327	166
2017	4	44847		1	9		19	1,0855		24413	265
2017	4	15572		1	9		19	1,6609		10898	181
2017	4	5088		1	9		19	1,6238		37874	615
2017	4	5837		1	9		19	1,6116		29535	476
2017	4	25799		1	9		19	0,9831		4272	42
2017	4	5615		1	9		19	1,4444		21254	307
2017	4	5129		1	9		19	1,1192		9918	111
2017	4	50006		1	9		19	1,2358		19987	247
2017	4	25286		1	9		19	1,4595		15759	230



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	25473		1	9		19	1,3349		13334	178
2017	4	52356		1	9		19	0,8075		10898	88
2017	4	5308		1	9		19	1,4057		6118	86
2017	4	8573		1	9		19	0,8272		4231	35
2017	4	85410		1	9		19	1,1169		4835	54
2017	4	25175		1	9		19	1,2611		15621	197
2017	4	54874		1	9		19	1,4		9214	129
2017	4	50568		1	9		19	2,0871		8193	171
2017	4	5360		1	9		19	1,5887		17750	282
2017	4	25758		1	9		19	1,1684		3338	39
2017	4	25307		1	9		19	1,3328		15831	211
2017	4	25377		1	9		19	1,1967		5515	66
2017	4	68081		1	9		19	1,3004		27991	364
2017	4	15238		1	9		19	1,0329		21784	225
2017	4	25430		1	9		19	1,0618		17518	186
2017	4	76111		1	9		19	1,0955		6390	70
2017	4	5045		1	9		19	0,7142		23242	166
2017	4	5631		1	9		19	1,4497		3173	46
2017	4	88001		2	9	20		0,8494		4474	38
2017	4	11001		1	10	10		0,8968	0,7968	1095614	9826
2017	4	73001		1	10	10		0,9674		97477	943
2017	4	41001		1	10	10		0,8589		65779	565
2017	4	66001		1	10	10		1,0991		68967	758
2017	4	17001		1	10	10		0,6778		54587	370
2017	4	15001		1	10	10		0,6979		41269	288
2017	4	11001	1100108	1	10	10		1,0782		141155	1522
2017	4	11001	1100101	1	10	10		0,8525		80113	683
2017	4	11001	1100110	1	10	10		0,7796		103004	803
2017	4	11001	1100109	1	10	10		0,7459		69179	516
2017	4	11001	1100114	1	10	10		0,769		35633	274
2017	4	11001	1100103	1	10	10		0,9491		39197	372
2017	4	11001	1100102	1	10	10		0,8062		59789	482
2017	4	11001	1100117	1	10	10		0,9651		12952	125
2017	4	11001	1100106	1	10	10		0,7979		27574	220
2017	4	11001	1100113	1	10	10		0,9404		39026	367
2017	4	11001	1100118	1	10	10		1,0837		45675	495
2017	4	11001	1100116	1	10	10		0,8572		55998	480
2017	4	11001	1100104	1	10	10		1,1769		46394	546
2017	4	11001	1100115	1	10	10		0,6348		19533	124
2017	4	11001	1100112	1	10	10		0,6486		43476	282
2017	4	11001	1100119	1	10	10		0,937		64249	602
2017	4	76001	7600101	1	10	10		0,7446		3089	23
2017	4	76001	7600102	1	10	10		0,4415		25369	112
2017	4	76001	7600103	1	10	10		0,4879		17627	86
2017	4	76001	7600104	1	10	10		0,2592		8489	22
2017	4	76001	7600105	1	10	10		0,6589		6830	45
2017	4	76001	7600106	1	10	10		0,8909		6510	58
2017	4	76001	7600107	1	10	10		0,5017		5581	28
2017	4	76001	7600108	1	10	10		0,5589		8589	48
2017	4	76001	7600109	1	10	10		0,7438		8067	60
2017	4	76001	7600110	1	10	10		0,7796		7311	57
2017	4	76001	7600111	1	10	10		1,5196		6515	99
2017	4	76001	7600112	1	10	10		1,2746		1883	24
2017	4	76001	7600113	1	10	10		0,7653		10323	79
2017	4	76001	7600114	1	10	10		1,1048		12763	141
2017	4	76001	7600115	1	10	10		0,798		6015	48
2017	4	76001	7600116	1	10	10		0,9107		7357	67
2017	4	76001	7600117	1	10	10		0,8368		14579	122
2017	4	76001	7600118	1	10	10		0,52		9039	47
2017	4	76001	7600119	1	10	10		0,7456		20253	151
2017	4	76001	7600120	1	10	10		0,4854		2060	10
2017	4	76001	7600121	1	10	10		1,6909		2543	43
2017	4	76001	7600122	1	10	10		1,8024		4272	77
2017	4	54001	5400106	1	10	10		0,8247		13459	111
2017	4	54001	5400101	1	10	10		0,3749		22941	86
2017	4	54001	5400104	1	10	10		0,8493		6005	51
2017	4	54001	5400110	1	10	10		1,1843		4813	57
2017	4	54001	5400108	1	10	10		1,0126		15109	153
2017	4	54001	5400105	1	10	10		0,8233		9960	82
2017	4	54001	5400103	1	10	10		1,0084		6347	64
2017	4	54001	5400107	1	10	10		0,7414		12679	94
2017	4	54001	5400109	1	10	10		1,051		8563	90
2017	4	54001	5400102	1	10	10		0,5356		9336	50
2017	4	50001		1	10	10		1,0135		126399	1281
2017	4	76001		1	10	10		0,7649		201458	1541
2017	4	8001		1	10	10		1,3565		143610	1948
2017	4	13001		1	10	10		1,1565		162558	1880
2017	4	5001		1	10	10		1,0426		276426	2882
2017	4	63001		1	10	10		0,5356		43499	233





## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC. LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	54001		1	10	10		0,9554		118801	1135
2017	4	68001		1	10	10		0,6633		71314	473
2017	4	50001	5000101	1	10	10		1,1477		8539	98
2017	4	50001	5000102	1	10	10		0,6879		19480	134
2017	4	50001	5000103	1	10	10		0,6013		11641	70
2017	4	50001	5000104	1	10	10		0,6695		11949	80
2017	4	50001	5000105	1	10	10		0,6917		21831	151
2017	4	50001	5000106	1	10	10		0,3559		4215	15
2017	4	50001	5000107	1	10	10		1,3638		13638	186
2017	4	50001	5000108	1	10	10		0,8984		9684	87
2017	4	73001	7300101	1	10	10		0,5092		14730	75
2017	4	73001	7300102	1	10	10		0,3873		1549	6
2017	4	73001	7300103	1	10	10		0,3764		5579	21
2017	4	73001	7300104	1	10	10		0,74		6216	46
2017	4	73001	7300105	1	10	10		0,7774		5274	41
2017	4	73001	7300106	1	10	10		0,846		3546	30
2017	4	73001	7300107	1	10	10		1,2005		7497	90
2017	4	73001	7300108	1	10	10		1,1583		8461	98
2017	4	73001	7300109	1	10	10		1,8159		14263	259
2017	4	73001	7300110	1	10	10		0,4082		11514	47
2017	4	73001	7300111	1	10	10		0,4736		2534	12
2017	4	73001	7300112	1	10	10		0,654		3364	22
2017	4	73001	7300113	1	10	10		0,6408		2809	18
2017	4	13001	1300102	1	10	10		1,7471		50713	886
2017	4	13001	1300103	1	10	10		1,1148		48438	540
2017	4	13001	1300101	1	10	10		0,716		63407	454
2017	4	5001	500116	1	10	10		0,9578		15974	153
2017	4	5001	500101	1	10	10		0,668		7784	52
2017	4	5001	500107	1	10	10		1,2721		19574	249
2017	4	5001	500104	1	10	10		1,2707		17707	225
2017	4	5001	500105	1	10	10		1,4674		17173	252
2017	4	5001	500115	1	10	10		0,7975		14796	118
2017	4	5001	500103	1	10	10		1,3085		11005	144
2017	4	5001	500114	1	10	10		0,9391		21935	206
2017	4	5001	500112	1	10	10		1,0338		6868	71
2017	4	5001	500113	1	10	10		1,3415		9169	123
2017	4	5001	500102	1	10	10		1,2868		10957	141
2017	4	5001	500109	1	10	10		1,3125		8762	115
2017	4	5001	500110	1	10	10		0,6395		55512	355
2017	4	5001	500108	1	10	10		1,112		12590	140
2017	4	5001	500106	1	10	10		1,3769		9369	129
2017	4	5001	500111	1	10	10		0,7407		24032	178
2017	4	8001	800105	1	10	10		0,7966		11674	93
2017	4	8001	800103	1	10	10		0,8606		26725	230
2017	4	8001	800102	1	10	10		2,172		17127	372
2017	4	8001	800101	1	10	10		3,5218		26861	946
2017	4	8001	800104	1	10	10		0,4777		59038	282
2017	4	68001	6800111	1	10	10		1,0067		3576	36
2017	4	68001	6800117	1	10	10		1,463		2324	34
2017	4	68001	6800101	1	10	10		0,5994		4671	28
2017	4	68001	6800115	1	10	10		0,3707		7554	28
2017	4	68001	6800113	1	10	10		0,5429		10683	58
2017	4	68001	6800110	1	10	10		0,9898		3132	31
2017	4	68001	6800104	1	10	10		0,3709		6741	25
2017	4	68001	6800107	1	10	10		0,6731		1040	7
2017	4	68001	6800106	1	10	10		0,367		4904	18
2017	4	68001	6800105	1	10	10		0,8409		4281	36
2017	4	68001	6800103	1	10	10		0,6026		8464	51
2017	4	68001	6800108	1	10	10		0,724		1105	8
2017	4	68001	6800116	1	10	10		1,9608		1989	39
2017	4	68001	6800112	1	10	10		0,5284		9651	51
2017	4	11001	1100107	1	10	10		0,8833		81855	723
2017	4	11001	1100111	1	10	10		0,9701		94735	919
2017	4	11001	1100105	1	10	10		0,8066		36077	291
2017	4	85001		1	10	18		1,3009		52577	684
2017	4	15491		1	10		18	1,2391		2986	37
2017	4	15238		1	10		18	0,9217		32006	295
2017	4	15572		1	10		18	1,4415		14638	211
2017	4	15759		1	10		18	0,7743		39389	305
2017	4	54874		1	10		19	1,1255		10751	121
2017	4	50568		1	10		19	1,6312		8031	131
2017	4	5360		1	10		19	1,698		24323	413
2017	4	25758		1	10		19	1,9799		3889	77
2017	4	25307		1	10		19	1,058		19659	208
2017	4	25377		1	10		19	1,555		5852	91
2017	4	68081		1	10		19	1,3671		35112	480
2017	4	25430		1	10		19	1,2469		20851	260
2017	4	76111		1	10		19	0,9593		8339	80
2017	4	5045		1	10		19	0,7648		25627	196



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5631		1	10		19	1,482		4656	69
2017	4	52001		1	10	19		1,3928		65047	906
2017	4	27001		2	10	19		1,2197		41403	505
2017	4	20001		1	10	19		1,3796		65671	906
2017	4	88001		2	10	19		2,1421		6209	133
2017	4	95001		2	10	19		0,7202		9719	70
2017	4	86001		2	10	19		2,3439		15828	371
2017	4	47001		1	10	19		0,7775		49649	386
2017	4	23001		1	10	19		1,4905		120227	1792
2017	4	18001		1	10	19		1,0166		43283	440
2017	4	81001		1	10	19		0,9167		23889	219
2017	4	19001		1	10	19		0,8529		72222	616
2017	4	70001		1	10	19		0,9613		52532	505
2017	4	44001		1	10	19		1,3724		30531	419
2017	4	68679		1	10		19	0,7402		8376	62
2017	4	25214		1	10		19	2,1118		4167	88
2017	4	68307		1	10		19	1,386		20852	289
2017	4	25817		1	10		19	0,8592		9311	80
2017	4	5380		1	10		19	1,2978		9863	128
2017	4	5607		1	10		19	1,4351		3066	44
2017	4	44430		1	10		19	1,4431		27164	392
2017	4	68276		1	10		19	1,2457		23923	298
2017	4	54405		1	10		19	1,3955		10462	146
2017	4	25754		1	10		19	1,1473		81145	931
2017	4	17380		1	10		19	1,0193		15893	162
2017	4	5318		1	10		19	1,2183		10753	131
2017	4	25290		1	10		19	1,6882		26182	442
2017	4	20011		1	10		19	1,8848		16447	310
2017	4	44560		1	10		19	1,5464		8536	132
2017	4	66170		1	10		19	0,7732		22503	174
2017	4	25126		1	10		19	1,4473		14579	211
2017	4	5266		1	10		19	1,5671		10784	169
2017	4	25899		1	10		19	1,7278		20662	357
2017	4	20400		1	10		19	1,2252		10529	129
2017	4	54498		1	10		19	1,1447		23412	268
2017	4	25269		1	10		19	1,4493		22770	330
2017	4	76834		1	10		19	0,8299		14460	120
2017	4	76109		1	10		19	0,9641		33503	323
2017	4	52835		1	10		19	1,5714		27236	428
2017	4	73449		1	10		19	1,2295		10329	127
2017	4	68547		1	10		19	1,8285		19743	361
2017	4	41551		1	10		19	1,0378		39411	409
2017	4	76147		1	10		19	0,7136		16677	119
2017	4	8758		1	10		19	2,8663		46402	1330
2017	4	76520		1	10		19	1,3828		26758	370
2017	4	76892		1	10		19	1,1474		13770	158
2017	4	5212		1	10		19	1,4345		7041	101
2017	4	76130		1	10		19	1,2941		11205	145
2017	4	76364		1	10		19	1,614		22181	358
2017	4	73268		1	10		19	1,1149		17222	192
2017	4	5376		1	10		19	1,1301		14954	169
2017	4	44847		1	10		19	1,0516		26626	280
2017	4	5088		1	10		19	1,7835		47884	854
2017	4	5837		1	10		19	1,473		29600	436
2017	4	25799		1	10		19	1,1655		5062	59
2017	4	5615		1	10		19	1,6703		27121	453
2017	4	5129		1	10		19	1,2049		11868	143
2017	4	50006		1	10		19	1,4992		22345	335
2017	4	25286		1	10		19	1,6992		21069	358
2017	4	25473		1	10		19	1,6007		16430	263
2017	4	52356		1	10		19	0,9578		13781	132
2017	4	5308		1	10		19	1,1097		7840	87
2017	4	8573		1	10		19	0,8694		4601	40
2017	4	85410		1	10		19	1,0469		5827	61
2017	4	25175		1	10		19	1,1178		18787	210
2017	4	8001		1	11	10		1,3697		143898	1971
2017	4	54001		1	11	10		0,9664		112172	1084
2017	4	17001		1	11	10		0,6457		52962	342
2017	4	13001		1	11	10		0,8391		163393	1371
2017	4	5001		1	11	10		0,9896		261322	2586
2017	4	52001		1	11	10		1,126		71936	810
2017	4	68001		1	11	10		0,6529		71065	464
2017	4	11001	1100108	1	11	10		1,3534		141936	1921
2017	4	11001	1100101	1	11	10		0,9171		72290	663
2017	4	11001	1100110	1	11	10		0,8046		98311	791
2017	4	11001	1100109	1	11	10		0,8994		70158	631
2017	4	11001	1100114	1	11	10		0,7502		35590	267
2017	4	11001	1100103	1	11	10		1,6981		38632	656
2017	4	11001	1100102	1	11	10		1,0576		58717	621



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	11001	1100117	1	11	10		2,329		12924	301
2017	4	11001	1100106	1	11	10		0,7269		26552	193
2017	4	11001	1100113	1	11	10		1,7088		36869	630
2017	4	11001	1100118	1	11	10		1,1109		44020	489
2017	4	11001	1100116	1	11	10		0,8649		54804	474
2017	4	11001	1100104	1	11	10		1,1781		44394	523
2017	4	11001	1100115	1	11	10		0,6158		18838	116
2017	4	11001	1100112	1	11	10		0,9643		41378	399
2017	4	11001	1100119	1	11	10		0,9596		60336	579
2017	4	54001	5400106	1	11	10		0,7023		13811	97
2017	4	54001	5400101	1	11	10		0,4141		22944	95
2017	4	54001	5400104	1	11	10		0,8958		5693	51
2017	4	54001	5400110	1	11	10		0,8891		4499	40
2017	4	54001	5400108	1	11	10		1,0375		13783	143
2017	4	54001	5400105	1	11	10		0,8335		9238	77
2017	4	54001	5400103	1	11	10		1,0844		5994	65
2017	4	54001	5400107	1	11	10		0,9688		11974	116
2017	4	54001	5400109	1	11	10		0,8771		8323	73
2017	4	54001	5400102	1	11	10		0,8239		8982	74
2017	4	11001		1	11	10		1,0419	0,7716	1078869	11241
2017	4	73001		1	11	10		0,9692		92654	898
2017	4	63001		1	11	10		0,5862		41626	244
2017	4	41001		1	11	10		0,8709		64303	560
2017	4	66001		1	11	10		0,9901		64640	640
2017	4	15001		1	11	10		0,7001		40278	282
2017	4	50001		1	11	10		0,913		122014	1114
2017	4	50001	5000101	1	11	10		1,0595		8778	93
2017	4	50001	5000102	1	11	10		0,6584		18225	120
2017	4	50001	5000103	1	11	10		0,4438		11042	49
2017	4	50001	5000104	1	11	10		0,6815		11446	78
2017	4	50001	5000105	1	11	10		0,79		20633	163
2017	4	50001	5000106	1	11	10		0,5138		4282	22
2017	4	50001	5000107	1	11	10		0,7739		14084	109
2017	4	50001	5000108	1	11	10		1,1538		9534	110
2017	4	73001	7300101	1	11	10		0,4118		13356	55
2017	4	73001	7300102	1	11	10		0,7503		1466	11
2017	4	73001	7300103	1	11	10		0,3798		5529	21
2017	4	73001	7300104	1	11	10		0,5585		5730	32
2017	4	73001	7300105	1	11	10		0,8198		5001	41
2017	4	73001	7300106	1	11	10		0,6369		3611	23
2017	4	73001	7300107	1	11	10		1,339		7095	95
2017	4	73001	7300108	1	11	10		0,9403		7870	74
2017	4	73001	7300109	1	11	10		1,8489		14333	265
2017	4	73001	7300110	1	11	10		0,3605		10818	39
2017	4	73001	7300111	1	11	10		0,8709		2526	22
2017	4	73001	7300112	1	11	10		0,8291		3136	26
2017	4	73001	7300113	1	11	10		0,5654		2476	14
2017	4	13001	1300102	1	11	10		0,7575		49502	375
2017	4	13001	1300103	1	11	10		1,0316		49536	511
2017	4	13001	1300101	1	11	10		0,7536		64355	485
2017	4	5001	500116	1	11	10		0,7818		15350	120
2017	4	5001	500101	1	11	10		0,6093		7221	44
2017	4	5001	500107	1	11	10		1,1839		19259	228
2017	4	5001	500104	1	11	10		1,2152		15717	191
2017	4	5001	500105	1	11	10		1,1816		16587	196
2017	4	5001	500115	1	11	10		0,711		14628	104
2017	4	5001	500103	1	11	10		1,1148		10136	113
2017	4	5001	500114	1	11	10		0,673		19910	134
2017	4	5001	500112	1	11	10		1,0276		6715	69
2017	4	5001	500113	1	11	10		2,1078		8445	178
2017	4	5001	500102	1	11	10		0,9246		9734	90
2017	4	5001	500109	1	11	10		1,5345		8146	125
2017	4	5001	500110	1	11	10		0,5718		53338	305
2017	4	5001	500108	1	11	10		1,2537		11885	149
2017	4	5001	500106	1	11	10		1,1521		9027	104
2017	4	5001	500111	1	11	10		0,7216		21618	156
2017	4	8001	800105	1	11	10		0,7847		12616	99
2017	4	8001	800103	1	11	10		0,8432		26922	227
2017	4	8001	800102	1	11	10		2,298		16449	378
2017	4	8001	800101	1	11	10		3,6931		27159	1003
2017	4	8001	800104	1	11	10		0,4124		58682	242
2017	4	68001	6800111	1	11	10		0,8857		4855	43
2017	4	68001	6800117	1	11	10		1,1014		2179	24
2017	4	68001	6800101	1	11	10		0,6761		4289	29
2017	4	68001	6800115	1	11	10		0,4758		6935	33
2017	4	68001	6800113	1	11	10		0,378		10054	38
2017	4	68001	6800110	1	11	10		0,9202		3260	30
2017	4	68001	6800104	1	11	10		0,558		6452	36
2017	4	68001	6800107	1	11	10		0,4103		975	4



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	68001	6800106	1	11	10		0,5606		5173	29
2017	4	68001	6800105	1	11	10		1,05		4762	50
2017	4	68001	6800103	1	11	10		0,512		8399	43
2017	4	68001	6800108	1	11	10		0,9881		1012	10
2017	4	68001	6800116	1	11	10		1,6329		2021	33
2017	4	68001	6800112	1	11	10		0,5266		9494	50
2017	4	11001	1100107	1	11	10		0,8412		76317	642
2017	4	11001	1100111	1	11	10		0,894		111637	998
2017	4	11001	1100105	1	11	10		0,9867		35166	347
2017	4	76834		1	11		10	0,746		16621	124
2017	4	76109		1	11		10	0,7652		37899	290
2017	4	76147		1	11		10	0,7505		19854	149
2017	4	76520		1	11		10	1,5822		31159	493
2017	4	76892		1	11		10	0,7484		21913	164
2017	4	76130		1	11		10	1,4851		11312	168
2017	4	76364		1	11		10	1,1594		20700	240
2017	4	76111		1	11		10	0,6899		10002	69
2017	4	76001	7600101	1	11	11		0,8171		2815	23
2017	4	76001		1	11	11		0,737		190232	1402
2017	4	76001	7600103	1	11	11		0,3232		16089	52
2017	4	76001	7600104	1	11	11		0,5008		8786	44
2017	4	76001	7600105	1	11	11		0,4862		6376	31
2017	4	76001	7600106	1	11	11		0,7164		6142	44
2017	4	76001	7600107	1	11	11		0,6151		5040	31
2017	4	76001	7600108	1	11	11		0,8362		8132	68
2017	4	76001	7600109	1	11	11		0,5407		7583	41
2017	4	76001	7600110	1	11	11		0,6113		7525	46
2017	4	76001	7600111	1	11	11		1,0471		6876	72
2017	4	76001	7600112	1	11	11		0,9245		1947	18
2017	4	76001	7600113	1	11	11		0,8373		9316	78
2017	4	76001	7600114	1	11	11		1,0522		11025	116
2017	4	76001	7600115	1	11	11		0,6588		6223	41
2017	4	76001	7600116	1	11	11		1,1538		7107	82
2017	4	76001	7600117	1	11	11		0,8159		13360	109
2017	4	76001	7600118	1	11	11		0,7464		8574	64
2017	4	76001	7600119	1	11	11		0,7202		18607	134
2017	4	76001	7600120	1	11	11		0,8951		2011	18
2017	4	76001	7600121	1	11	11		0,6148		3741	23
2017	4	76001	7600122	1	11	11		1,4358		3761	54
2017	4	76001	7600102	1	11	11		0,4787		22981	110
2017	4	85001		1	11	18		1,342		53427	717
2017	4	15491		1	11		18	1,8293		2788	51
2017	4	15238		1	11		18	0,9026		31577	285
2017	4	15572		1	11		18	1,5094		14112	213
2017	4	15759		1	11		18	0,7425		39463	293
2017	4	5631		1	11		19	1,122		4902	55
2017	4	20001		1	11	19		1,228		62216	764
2017	4	23001		1	11	19		1,2761		119582	1526
2017	4	70001		1	11	19		0,9212		52543	484
2017	4	19001		1	11	19		0,843		72719	613
2017	4	27001		2	11	19		1,0875		40460	440
2017	4	47001		1	11	19		0,8709		48571	423
2017	4	88001		2	11	19		0,95		5895	56
2017	4	81001		1	11	19		0,9715		23571	229
2017	4	95001		2	11	19		0,6969		8897	62
2017	4	44001		1	11	19		1,4791		28734	425
2017	4	18001		1	11	19		0,9416		41100	387
2017	4	68679		1	11		19	0,8198		8051	66
2017	4	25214		1	11		19	1,1401		4210	48
2017	4	68307		1	11		19	1,3844		19287	267
2017	4	25817		1	11		19	0,7182		9607	69
2017	4	5380		1	11		19	0,9585		9390	90
2017	4	5607		1	11		19	0,4108		2678	11
2017	4	44430		1	11		19	1,2728		26319	335
2017	4	68276		1	11		19	1,1431		22483	257
2017	4	54405		1	11		19	0,8523		10325	88
2017	4	25754		1	11		19	1,1308		81888	926
2017	4	17380		1	11		19	0,9238		14939	138
2017	4	5318		1	11		19	1,0965		10579	116
2017	4	25290		1	11		19	2,1403		24996	535
2017	4	20011		1	11		19	1,363		16434	224
2017	4	44560		1	11		19	1,6915		8040	136
2017	4	66170		1	11		19	0,7438		21512	160
2017	4	25126		1	11		19	1,4875		14319	213
2017	4	5266		1	11		19	1,4355		10658	153
2017	4	25899		1	11		19	1,4002		22354	313
2017	4	20400		1	11		19	1,5367		9696	149
2017	4	54498		1	11		19	0,9985		22233	222
2017	4	25269		1	11		19	1,4379		22463	323



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	52835		1	11		19	1,4242		25418	362
2017	4	73449		1	11		19	1,4843		11655	173
2017	4	68547		1	11		19	1,5197		16516	251
2017	4	41551		1	11		19	0,9492		37504	356
2017	4	8758		1	11		19	2,2076		45480	1004
2017	4	5212		1	11		19	1,3523		7099	96
2017	4	73268		1	11		19	1,2441		17683	220
2017	4	5376		1	11		19	1,0888		14236	155
2017	4	44847		1	11		19	1,0019		25151	252
2017	4	5088		1	11		19	1,8381		44884	825
2017	4	5837		1	11		19	1,5229		31125	474
2017	4	25799		1	11		19	1,2661		4976	63
2017	4	5615		1	11		19	1,5311		26908	412
2017	4	5129		1	11		19	1,2989		11933	155
2017	4	50006		1	11		19	1,3478		23001	310
2017	4	25286		1	11		19	1,6944		21306	361
2017	4	25473		1	11		19	1,3391		16130	216
2017	4	52356		1	11		19	0,9151		12785	117
2017	4	5308		1	11		19	0,9583		7722	74
2017	4	8573		1	11		19	1,273		4792	61
2017	4	85410		1	11		19	0,9129		5258	48
2017	4	25175		1	11		19	1,0507		19510	205
2017	4	54874		1	11		19	1,1019		10527	116
2017	4	50568		1	11		19	1,8256		7833	143
2017	4	5360		1	11		19	1,5886		23228	369
2017	4	25758		1	11		19	2,1623		3746	81
2017	4	25307		1	11		19	1,2779		19642	251
2017	4	25377		1	11		19	1,1485		5921	68
2017	4	68081		1	11		19	1,1668		33683	393
2017	4	25430		1	11		19	1,2941		20400	264
2017	4	5045		1	11		19	0,5794		24163	140
2017	4	86001		2	11	20		1,705		14252	243
2017	4	23001		1	12	9		0,9463		132934	1258
2017	4	85001		1	12	9		1,0366		50936	528
2017	4	68679		1	12		9	0,5783		11239	65
2017	4	68081		1	12		9	1,0773		35737	385
2017	4	68276		1	12		9	1,1085		24358	270
2017	4	68547		1	12		9	1,2041		19351	233
2017	4	68307		1	12		9	0,898		23830	214
2017	4	50001	5000103	1	12	10		0,3861		10878	42
2017	4	50001	5000104	1	12	10		0,6755		11251	76
2017	4	50001	5000105	1	12	10		0,7456		21458	160
2017	4	50001	5000106	1	12	10		0,6655		4057	27
2017	4	50001	5000107	1	12	10		0,7193		13903	100
2017	4	50001	5000108	1	12	10		1,4016		9061	127
2017	4	73001	7300101	1	12	10		0,8199		13172	108
2017	4	73001	7300102	1	12	10		0,6541		1376	9
2017	4	73001	7300103	1	12	10		0,2942		5438	16
2017	4	73001	7300104	1	12	10		0,6677		5841	39
2017	4	73001	7300105	1	12	10		1,6136		4772	77
2017	4	73001	7300106	1	12	10		0,7252		3585	26
2017	4	73001	7300107	1	12	10		1,0858		7828	85
2017	4	73001	7300108	1	12	10		1,1343		8287	94
2017	4	73001	7300109	1	12	10		1,7638		14117	249
2017	4	73001	7300110	1	12	10		0,5071		10451	53
2017	4	73001	7300111	1	12	10		0,8613		2322	20
2017	4	73001	7300112	1	12	10		0,9765		2765	27
2017	4	73001	7300113	1	12	10		0,5303		2640	14
2017	4	13001	1300102	1	12	10		0,7716		51584	398
2017	4	13001	1300103	1	12	10		0,8841		48183	426
2017	4	13001	1300101	1	12	10		0,7473		62758	469
2017	4	8001	800105	1	12	10		0,8365		12074	101
2017	4	8001	800103	1	12	10		0,8994		25683	231
2017	4	8001	800102	1	12	10		1,2573		15669	197
2017	4	8001	800101	1	12	10		1,2481		24837	310
2017	4	8001	800104	1	12	10		0,4812		57562	277
2017	4	68001	6800111	1	12	10		0,6369		4710	30
2017	4	68001	6800117	1	12	10		0,7877		2285	18
2017	4	68001	6800101	1	12	10		0,5728		4539	26
2017	4	68001	6800115	1	12	10		0,399		6517	26
2017	4	68001	6800113	1	12	10		0,5022		9557	48
2017	4	68001	6800110	1	12	10		1,1691		3507	41
2017	4	68001	6800104	1	12	10		0,5063		5530	28
2017	4	68001	6800107	1	12	10		0,7617		919	7
2017	4	68001	6800106	1	12	10		0,4167		4800	20
2017	4	68001	6800105	1	12	10		1,1251		4444	50
2017	4	68001	6800103	1	12	10		0,8291		8081	67
2017	4	68001	6800108	1	12	10		0,7035		995	7
2017	4	68001	6800116	1	12	10		1,3291		1881	25



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM. TERM NO INT. USU
2017	4	68001	6800112	1	12	10		0,6125		8326	51
2017	4	11001	1100107	1	12	10		0,8065		75880	612
2017	4	11001	1100111	1	12	10		0,897		111931	1004
2017	4	11001	1100105	1	12	10		1,5407		36023	555
2017	4	15001		1	12	10		0,6248		38891	243
2017	4	11001		1	12	10		1,1612	0,989	1074301	12475
2017	4	76001		1	12	10		0,7352		193271	1421
2017	4	8001		1	12	10		0,8231		137900	1135
2017	4	73001		1	12	10		1,0922		92840	1014
2017	4	68001		1	12	10		0,6785		67357	457
2017	4	11001	1100108	1	12	10		1,1367		141634	1610
2017	4	11001	1100101	1	12	10		0,9895		71246	705
2017	4	11001	1100110	1	12	10		0,8122		97762	794
2017	4	11001	1100109	1	12	10		0,7734		69825	540
2017	4	11001	1100114	1	12	10		0,6559		35371	232
2017	4	11001	1100103	1	12	10		5,9323		40878	2425
2017	4	11001	1100102	1	12	10		0,8569		54497	467
2017	4	11001	1100117	1	12	10		1,9579		12769	250
2017	4	11001	1100106	1	12	10		1,0398		25773	268
2017	4	11001	1100113	1	12	10		0,9171		35873	329
2017	4	11001	1100118	1	12	10		1,2826		43273	555
2017	4	11001	1100116	1	12	10		0,8362		53335	446
2017	4	11001	1100104	1	12	10		1,3502		45770	618
2017	4	11001	1100115	1	12	10		0,677		19202	130
2017	4	11001	1100112	1	12	10		0,6071		40848	248
2017	4	11001	1100119	1	12	10		1,1008		62411	687
2017	4	76001	7600101	1	12	10		0,4995		3003	15
2017	4	76001	7600102	1	12	10		0,4384		23724	104
2017	4	76001	7600103	1	12	10		0,3692		15710	58
2017	4	76001	7600104	1	12	10		0,3404		8519	29
2017	4	76001	7600105	1	12	10		0,2989		6692	20
2017	4	76001	7600106	1	12	10		0,8293		6391	53
2017	4	76001	7600107	1	12	10		0,491		5295	26
2017	4	76001	7600108	1	12	10		0,7765		8757	68
2017	4	76001	7600109	1	12	10		0,8532		7853	67
2017	4	76001	7600110	1	12	10		0,6924		7510	52
2017	4	76001	7600111	1	12	10		0,9259		6372	59
2017	4	76001	7600112	1	12	10		1,7647		2040	36
2017	4	76001	7600113	1	12	10		0,5653		9730	55
2017	4	76001	7600114	1	12	10		0,9823		11198	110
2017	4	76001	7600115	1	12	10		0,9702		5875	57
2017	4	76001	7600116	1	12	10		1,017		6981	71
2017	4	76001	7600117	1	12	10		1,0272		14213	146
2017	4	76001	7600118	1	12	10		0,635		8819	56
2017	4	76001	7600119	1	12	10		0,6783		18724	127
2017	4	76001	7600120	1	12	10		0,5336		1874	10
2017	4	76001	7600121	1	12	10		0,9379		3625	34
2017	4	76001	7600122	1	12	10		1,5496		3743	58
2017	4	54001	5400106	1	12	10		0,7683		14057	108
2017	4	54001	5400101	1	12	10		0,5455		20898	114
2017	4	54001	5400104	1	12	10		0,7731		5821	45
2017	4	54001	5400110	1	12	10		1,4037		4702	66
2017	4	54001	5400108	1	12	10		1,0851		14008	152
2017	4	54001	5400105	1	12	10		0,7531		9029	68
2017	4	54001	5400103	1	12	10		1,4166		5718	81
2017	4	54001	5400107	1	12	10		0,7817		11769	92
2017	4	54001	5400109	1	12	10		1,3835		8457	117
2017	4	54001	5400102	1	12	10		0,674		8309	56
2017	4	13001		1	12	10		0,7956		162525	1293
2017	4	52001		1	12	10		1,0467		76434	800
2017	4	63001		1	12	10		0,6197		40504	251
2017	4	70001		1	12	10		0,7765		63491	493
2017	4	41001		1	12	10		0,9839		62203	612
2017	4	50001		1	12	10		0,9839		119423	1175
2017	4	54001		1	12	10		0,9585		109542	1050
2017	4	17001		1	12	10		0,6931		53236	369
2017	4	50001	5000101	1	12	10		0,9301		8494	79
2017	4	50001	5000102	1	12	10		0,6434		16787	108
2017	4	66001		1	12	11		1,0475		67780	710
2017	4	25214		1	12		18	1,0765		5109	55
2017	4	25430		1	12		18	1,0441		21741	227
2017	4	25817		1	12		18	0,5356		11576	62
2017	4	25754		1	12		18	0,9413		86693	816
2017	4	25290		1	12		18	1,8212		29761	542
2017	4	25126		1	12		18	1,4198		16693	237
2017	4	25899		1	12		18	1,0879		25369	276
2017	4	25269		1	12		18	1,2933		25516	330
2017	4	15759		1	12		18	0,7392		40179	297
2017	4	15572		1	12		18	1,3539		13960	189



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	25799		1	12		18	1,0746		6142	66
2017	4	25286		1	12		18	1,4658		25993	381
2017	4	25473		1	12		18	1,1899		18909	225
2017	4	85410		1	12		18	0,7426		5925	44
2017	4	25175		1	12		18	1,1924		24153	288
2017	4	25758		1	12		18	1,1682		4965	58
2017	4	25307		1	12		18	1,2521		22522	282
2017	4	25377		1	12		18	1,1448		6726	77
2017	4	15238		1	12		18	0,8031		33120	266
2017	4	15491		1	12		18	1,3925		2729	38
2017	4	27001		2	12	19		0,9976		40297	402
2017	4	95001		2	12	19		0,5486		8385	46
2017	4	47001		1	12	19		0,7317		49473	362
2017	4	5001		1	12	19		1,3		255307	3319
2017	4	44001		1	12	19		1,223		29191	357
2017	4	86001		2	12	19		1,9469		17464	340
2017	4	20001		1	12	19		1,1066		61899	685
2017	4	19001		1	12	19		1,0471		71624	750
2017	4	18001		1	12	19		1,2124		40829	495
2017	4	81001		1	12	19		1,0931		22048	241
2017	4	5001	500116	1	12	19		0,9039		12833	116
2017	4	5001	500101	1	12	19		0,836		13158	110
2017	4	5001	500107	1	12	19		1,3612		24538	334
2017	4	5001	500104	1	12	19		1,5994		20133	322
2017	4	5001	500105	1	12	19		1,4383		22805	328
2017	4	5001	500115	1	12	19		0,9261		8314	77
2017	4	5001	500103	1	12	19		1,0932		17014	186
2017	4	5001	500114	1	12	19		1,0598		6794	72
2017	4	5001	500112	1	12	19		0,8447		5209	44
2017	4	5001	500113	1	12	19		1,321		12566	166
2017	4	5001	500102	1	12	19		1,2377		17614	218
2017	4	5001	500109	1	12	19		1,782		10943	195
2017	4	5001	500110	1	12	19		1,0265		28348	291
2017	4	5001	500108	1	12	19		1,6007		16930	271
2017	4	5001	500106	1	12	19		1,4123		13736	194
2017	4	5001	500111	1	12	19		0,9237		8228	76
2017	4	5380		1	12		19	1,4205		9574	136
2017	4	5607		1	12		19	0,9337		3213	30
2017	4	44430		1	12		19	1,1651		26521	309
2017	4	54405		1	12		19	0,7961		10802	86
2017	4	17380		1	12		19	0,9178		15908	146
2017	4	5318		1	12		19	1,2288		11312	139
2017	4	20011		1	12		19	1,5022		14179	213
2017	4	44560		1	12		19	1,7518		8905	156
2017	4	66170		1	12		19	0,6069		22572	137
2017	4	5266		1	12		19	1,3657		11057	151
2017	4	20400		1	12		19	1,3413		9841	132
2017	4	54498		1	12		19	1,0019		21359	214
2017	4	76834		1	12		19	0,9096		14731	134
2017	4	76109		1	12		19	0,9173		34668	318
2017	4	52835		1	12		19	1,4597		25827	377
2017	4	73449		1	12		19	1,6063		11704	188
2017	4	41551		1	12		19	1,1553		37134	429
2017	4	76147		1	12		19	0,8172		17255	141
2017	4	8758		1	12		19	0,8675		45992	399
2017	4	76520		1	12		19	1,4915		26081	389
2017	4	76892		1	12		19	1,1311		14057	159
2017	4	5212		1	12		19	1,5024		7388	111
2017	4	76130		1	12		19	1,1649		10473	122
2017	4	76364		1	12		19	1,3407		20810	279
2017	4	73268		1	12		19	1,3406		16784	225
2017	4	5376		1	12		19	1,1674		15676	183
2017	4	44847		1	12		19	1,0897		25237	275
2017	4	5088		1	12		19	1,6309		48195	786
2017	4	5837		1	12		19	1,7284		32805	567
2017	4	5615		1	12		19	1,3736		28902	397
2017	4	5129		1	12		19	1,1463		12300	141
2017	4	50006		1	12		19	1,226		23818	292
2017	4	52356		1	12		19	0,9635		14011	135
2017	4	5308		1	12		19	1,0107		8212	83
2017	4	8573		1	12		19	1,1532		4249	49
2017	4	54874		1	12		19	1,0788		10289	111
2017	4	50568		1	12		19	1,1988		7007	84
2017	4	5360		1	12		19	1,5145		24893	377
2017	4	76111		1	12		19	1,0763		8455	91
2017	4	5045		1	12		19	0,6144		25881	159
2017	4	5631		1	12		19	1,8519		4914	91
2017	4	88001		2	12	20		0,8437		5215	44
2017	4	23001		1	13	9		1,1693		96897	1133



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	70001		1	13		9	0,7311		48828	357
2017	4	73001	7300110	1	13		10	0,4548		6597	30
2017	4	73001	7300111	1	13		10	0,8465		2599	22
2017	4	73001	7300112	1	13		10	1,0464		3058	32
2017	4	73001	7300113	1	13		10	0,6239		2885	18
2017	4	13001	1300102	1	13		10	0,7745		43901	340
2017	4	13001	1300103	1	13		10	0,9162		38747	355
2017	4	13001	1300101	1	13		10	0,6942		40623	282
2017	4	8001	800105	1	13		10	0,5283		4921	26
2017	4	8001	800103	1	13		10	0,902		16852	152
2017	4	8001	800102	1	13		10	0,9193		15229	140
2017	4	8001	800101	1	13		10	0,9912		22599	224
2017	4	8001	800104	1	13		10	0,5506		20706	114
2017	4	68001	6800111	1	13		10	1,0918		2015	22
2017	4	68001	6800117	1	13		10	1,2603		1825	23
2017	4	68001	6800101	1	13		10	0,6634		4070	27
2017	4	68001	6800115	1	13		10	0,6434		2176	14
2017	4	68001	6800113	1	13		10	0,5155		4656	24
2017	4	68001	6800110	1	13		10	1,3841		2601	36
2017	4	68001	6800104	1	13		10	0,6173		2268	14
2017	4	68001	6800107	1	13		10	1,2638		633	8
2017	4	68001	6800106	1	13		10	0,6852		2189	15
2017	4	68001	6800105	1	13		10	2,5441		3341	85
2017	4	68001	6800103	1	13		10	0,9897		5254	52
2017	4	68001	6800108	1	13		10	0,9324		858	8
2017	4	68001	6800116	1	13		10	1,8466		1408	26
2017	4	68001	6800112	1	13		10	0,7885		2156	17
2017	4	68307		1	13		10	1,154		17937	207
2017	4	15491		1	13		10	1,1187		2503	28
2017	4	25817		1	13		10	0,7834		7148	56
2017	4	68276		1	13		10	1,0303		18927	195
2017	4	25754		1	13		10	0,9512		71698	682
2017	4	25290		1	13		10	1,7668		28017	495
2017	4	25126		1	13		10	1,2386		11303	140
2017	4	25899		1	13		10	0,9153		17152	157
2017	4	25269		1	13		10	1,3752		18034	248
2017	4	76834		1	13		10	0,8794		13646	120
2017	4	76109		1	13		10	0,8806		29978	264
2017	4	68547		1	13		10	1,3789		18638	257
2017	4	15759		1	13		10	0,7705		31149	240
2017	4	76147		1	13		10	0,6587		16093	106
2017	4	76520		1	13		10	1,3297		24066	320
2017	4	76892		1	13		10	0,9566		12544	120
2017	4	76130		1	13		10	1,024		9863	101
2017	4	76364		1	13		10	1,2		18667	224
2017	4	15572		1	13		10	1,3701		11532	158
2017	4	25799		1	13		10	1,0374		4916	51
2017	4	25286		1	13		10	1,3508		14880	201
2017	4	25473		1	13		10	1,1067		11114	123
2017	4	25175		1	13		10	0,9007		15765	142
2017	4	25758		1	13		10	1,2845		3737	48
2017	4	25307		1	13		10	1,2254		19178	235
2017	4	25377		1	13		10	1,0147		6110	62
2017	4	68081		1	13		10	0,9232		29139	269
2017	4	15238		1	13		10	0,8724		25561	223
2017	4	25430		1	13		10	0,9546		16027	153
2017	4	76111		1	13		10	0,9026		8863	80
2017	4	15001		1	13		10	0,8092		28917	234
2017	4	68001		1	13		10	1,0651		36710	391
2017	4	73001		1	13		10	1,035		73914	765
2017	4	13001		1	13		10	0,7926		123271	977
2017	4	41001		1	13		10	1,0443		46157	482
2017	4	76001	7600101	1	13		10	0,8027		2990	24
2017	4	76001	7600102	1	13		10	0,5171		10249	53
2017	4	76001	7600103	1	13		10	0,5116		4300	22
2017	4	76001	7600104	1	13		10	0,4075		3436	14
2017	4	76001	7600105	1	13		10	0,3446		4933	17
2017	4	76001	7600106	1	13		10	0,7981		5764	46
2017	4	76001	7600107	1	13		10	0,5844		4278	25
2017	4	76001	7600108	1	13		10	0,8517		5049	43
2017	4	76001	7600109	1	13		10	0,4758		3783	18
2017	4	76001	7600110	1	13		10	0,6849		5110	35
2017	4	76001	7600111	1	13		10	1,2558		5176	65
2017	4	76001	7600112	1	13		10	1,0494		1620	17
2017	4	76001	7600113	1	13		10	0,8289		9410	78
2017	4	76001	7600114	1	13		10	0,9504		11995	114
2017	4	76001	7600115	1	13		10	1,0014		6591	66
2017	4	76001	7600116	1	13		10	0,9264		6477	60
2017	4	76001	7600117	1	13		10	1,2288		7650	94





## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	76001	7600118	1	13	10		0,5257		7229	38
2017	4	76001	7600119	1	13	10		0,9574		8147	78
2017	4	76001	7600120	1	13	10		0,501		1996	10
2017	4	76001	7600121	1	13	10		0,9598		3959	38
2017	4	76001	7600122	1	13	10		1,7438		1663	29
2017	4	54001	5400106	1	13	10		1,0374		10507	109
2017	4	54001	5400101	1	13	10		0,439		7061	31
2017	4	54001	5400104	1	13	10		0,7924		4417	35
2017	4	54001	5400110	1	13	10		1,2478		3927	49
2017	4	54001	5400108	1	13	10		1,2196		14677	179
2017	4	54001	5400105	1	13	10		0,6221		4983	31
2017	4	54001	5400103	1	13	10		1,1077		5146	57
2017	4	54001	5400107	1	13	10		0,6339		11831	75
2017	4	54001	5400109	1	13	10		1,007		7448	75
2017	4	54001	5400102	1	13	10		0,8881		4279	38
2017	4	52001		1	13	10		1,0463		54381	569
2017	4	8001		1	13	10		0,8335		82302	686
2017	4	76001		1	13	10		0,8312		128486	1068
2017	4	27001		2	13	10		0,8539		34897	298
2017	4	54001		1	13	10		1,0278		79102	813
2017	4	63001		1	13	10		0,6958		30183	210
2017	4	50001		1	13	10		1,0753		97925	1053
2017	4	17001		1	13	10		0,7236		36069	261
2017	4	68679		1	13		10	0,5789		8292	48
2017	4	25214		1	13		10	1,3087		3362	44
2017	4	50001	5000101	1	13	10		1,0565		6058	64
2017	4	50001	5000102	1	13	10		1,1551		6839	79
2017	4	50001	5000103	1	13	10		0,5872		8855	52
2017	4	50001	5000104	1	13	10		0,6366		10524	67
2017	4	50001	5000105	1	13	10		0,84		19285	162
2017	4	50001	5000106	1	13	10		0,5874		2894	17
2017	4	50001	5000107	1	13	10		0,8614		10797	93
2017	4	50001	5000108	1	13	10		1,0319		8140	84
2017	4	73001	7300101	1	13	10		0,5164		6972	36
2017	4	73001	7300102	1	13	10		0,4796		1251	6
2017	4	73001	7300103	1	13	10		0,4252		3528	15
2017	4	73001	7300104	1	13	10		0,7032		4124	29
2017	4	73001	7300105	1	13	10		0,7557		3573	27
2017	4	73001	7300106	1	13	10		0,7215		3465	25
2017	4	73001	7300107	1	13	10		1,0141		7100	72
2017	4	73001	7300108	1	13	10		0,9418		7751	73
2017	4	73001	7300109	1	13	10		2,1308		10278	219
2017	4	11001		1	13	11		0,9359	0,7463	706770	6615
2017	4	11001	1100105	1	13	11		0,7803		38060	297
2017	4	11001	1100101	1	13	11		1,0175		35579	362
2017	4	11001	1100110	1	13	11		0,7403		68219	505
2017	4	11001	1100109	1	13	11		0,6675		33260	222
2017	4	11001	1100114	1	13	11		0,5661		12718	72
2017	4	11001	1100103	1	13	11		0,7999		15626	125
2017	4	11001	1100102	1	13	11		0,9371		12378	116
2017	4	11001	1100117	1	13	11		2,0354		4913	100
2017	4	11001	1100106	1	13	11		0,7205		22069	159
2017	4	11001	1100113	1	13	11		0,8435		10670	90
2017	4	11001	1100118	1	13	11		1,2859		38806	499
2017	4	11001	1100116	1	13	11		1,0289		22841	235
2017	4	11001	1100104	1	13	11		1,1363		44971	511
2017	4	11001	1100115	1	13	11		0,6362		9745	62
2017	4	11001	1100112	1	13	11		0,4759		14919	71
2017	4	11001	1100119	1	13	11		1,0654		61291	653
2017	4	5001		1	13	11		1,0855		178359	1936
2017	4	66001		1	13	11		1,1165		47291	528
2017	4	5001	500116	1	13	11		0,923		10184	94
2017	4	5001	500101	1	13	11		0,5982		9195	55
2017	4	5001	500107	1	13	11		1,1731		17986	211
2017	4	5001	500104	1	13	11		1,189		13373	159
2017	4	5001	500105	1	13	11		1,3515		13689	185
2017	4	5001	500115	1	13	11		0,7528		5978	45
2017	4	5001	500103	1	13	11		0,9135		11823	108
2017	4	5001	500114	1	13	11		0,9659		5073	49
2017	4	5001	500112	1	13	11		1,2909		3641	47
2017	4	5001	500113	1	13	11		1,0664		9096	97
2017	4	5001	500102	1	13	11		0,9443		11861	112
2017	4	5001	500109	1	13	11		1,2248		8083	99
2017	4	5001	500110	1	13	11		0,8431		16842	142
2017	4	5001	500108	1	13	11		1,1303		12209	138
2017	4	5001	500106	1	13	11		1,0933		9695	106
2017	4	5001	500111	1	13	11		0,7651		6404	49
2017	4	11001	1100107	1	13	11		0,7697		72621	559
2017	4	11001	1100111	1	13	11		0,8462		85320	722



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	11001	1100108	1	13	11		1,2212		102764	1255
2017	4	85410		1	13		18	0,9569		4389	42
2017	4	85001		1	13	18		1,3881		35227	489
2017	4	81001		1	13	19		1,1049		14934	165
2017	4	86001		2	13	19		1,4217		13786	196
2017	4	19001		1	13	19		0,6889		59229	408
2017	4	95001		2	13	19		0,6156		7797	48
2017	4	47001		1	13	19		0,8048		41875	337
2017	4	20001		1	13	19		1,0331		49753	514
2017	4	44001		1	13	19		1,2841		23440	301
2017	4	18001		1	13	19		0,8432		30598	258
2017	4	5380		1	13		19	0,7688		5983	46
2017	4	5607		1	13		19	0,311		2251	7
2017	4	44430		1	13		19	1,1904		21926	261
2017	4	54405		1	13		19	0,6753		7700	52
2017	4	17380		1	13		19	0,78		12948	101
2017	4	5318		1	13		19	1,422		8509	121
2017	4	20011		1	13		19	1,3991		10650	149
2017	4	44560		1	13		19	1,5793		7915	125
2017	4	66170		1	13		19	0,7657		16064	123
2017	4	5266		1	13		19	1,2199		6476	79
2017	4	20400		1	13		19	1,5342		8017	123
2017	4	54498		1	13		19	1,0599		16039	170
2017	4	52835		1	13		19	1,549		20400	316
2017	4	73449		1	13		19	1,1968		10612	127
2017	4	41551		1	13		19	1,3739		30498	419
2017	4	8758		1	13		19	2,0719		33592	696
2017	4	5212		1	13		19	1,2608		5314	67
2017	4	73268		1	13		19	1,1959		13714	164
2017	4	5376		1	13		19	1,0671		10871	116
2017	4	44847		1	13		19	1,1051		23709	262
2017	4	5088		1	13		19	1,4426		31610	456
2017	4	5837		1	13		19	1,9058		23717	452
2017	4	5615		1	13		19	1,3588		19944	271
2017	4	5129		1	13		19	1,1102		8197	91
2017	4	50006		1	13		19	1,2661		19904	252
2017	4	52356		1	13		19	0,994		10060	100
2017	4	5308		1	13		19	1,2068		6049	73
2017	4	8573		1	13		19	1,3618		3745	51
2017	4	54874		1	13		19	1,1457		8117	93
2017	4	50568		1	13		19	1,5829		6065	96
2017	4	5360		1	13		19	1,4399		14654	211
2017	4	5045		1	13		19	0,5845		18136	106
2017	4	5631		1	13		19	1,686		2847	48
2017	4	88001		2	13	20		1,9227		4525	87
2017	4	15001		1	14	9		1,0097		17629	178
2017	4	8001		1	14	10		0,7712		59000	455
2017	4	8573		1	14		10	1,2336		3810	47
2017	4	41001		1	14	10		1,1181		37296	417
2017	4	54001	5400106	1	14	10		1,0435		6229	65
2017	4	54001	5400101	1	14	10		0,7184		2923	21
2017	4	54001	5400104	1	14	10		0,6142		2768	17
2017	4	54001	5400110	1	14	10		1,1212		2854	32
2017	4	54001	5400108	1	14	10		1,5258		16450	251
2017	4	54001	5400105	1	14	10		0,5267		3038	16
2017	4	54001	5400103	1	14	10		0,9293		3551	33
2017	4	54001	5400107	1	14	10		1,1383		8346	95
2017	4	54001	5400109	1	14	10		1,1743		5450	64
2017	4	54001	5400102	1	14	10		1,0286		2625	27
2017	4	13001		1	14	10		0,8168		95124	777
2017	4	54001		1	14	10		1,2036		57662	694
2017	4	73001		1	14	10		1,0868		56404	613
2017	4	47001		1	14	10		0,7742		38621	299
2017	4	27001		2	14	10		1,0147		24343	247
2017	4	68001		1	14	10		1,0036		26007	261
2017	4	73001	7300101	1	14	10		0,7489		4540	34
2017	4	73001	7300102	1	14	10		0,0997		1003	1
2017	4	73001	7300103	1	14	10		0,6546		1986	13
2017	4	73001	7300104	1	14	10		1,1038		3171	35
2017	4	73001	7300105	1	14	10		0,9509		2629	25
2017	4	73001	7300106	1	14	10		0,6549		2901	19
2017	4	73001	7300107	1	14	10		1,3313		5859	78
2017	4	73001	7300108	1	14	10		0,9145		5686	52
2017	4	73001	7300109	1	14	10		2,2516		7195	162
2017	4	73001	7300110	1	14	10		0,4001		4999	20
2017	4	73001	7300111	1	14	10		0,5869		2215	13
2017	4	73001	7300112	1	14	10		0,9509		2524	24
2017	4	73001	7300113	1	14	10		0,6523		2453	16
2017	4	13001	1300102	1	14	10		0,7534		33981	256



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	13001	1300103	1	14	10		0,9358		31844	298
2017	4	13001	1300101	1	14	10		0,7611		29299	223
2017	4	8001	800105	1	14	10		0,3978		3519	14
2017	4	8001	800103	1	14	10		0,9084		11669	106
2017	4	8001	800102	1	14	10		0,9522		12602	120
2017	4	8001	800101	1	14	10		0,768		18619	143
2017	4	8001	800104	1	14	10		0,5327		11076	59
2017	4	68001	6800111	1	14	10		1,4774		1286	19
2017	4	68001	6800117	1	14	10		1,1553		1558	18
2017	4	68001	6800101	1	14	10		0,5747		3132	18
2017	4	68001	6800115	1	14	10		0,5747		522	3
2017	4	68001	6800113	1	14	10		0,3517		3128	11
2017	4	68001	6800110	1	14	10		0,4057		1972	8
2017	4	68001	6800104	1	14	10		1,2336		1297	16
2017	4	68001	6800107	1	14	10		0,6961		431	3
2017	4	68001	6800106	1	14	10		0,8592		1513	13
2017	4	68001	6800105	1	14	10		2,3879		3099	74
2017	4	68001	6800103	1	14	10		0,8285		3621	30
2017	4	68001	6800108	1	14	10		0,8389		596	5
2017	4	68001	6800116	1	14	10		1,7738		902	16
2017	4	68001	6800112	1	14	10		0,6316		1900	12
2017	4	8758		1	14		10	0,8211		30813	253
2017	4	70001		1	14	10		0,8123		35949	292
2017	4	63001		1	14	11		0,685		24379	167
2017	4	76111		1	14		11	0,739		7984	59
2017	4	11001	1100108	1	14	11		1,3976		71768	1003
2017	4	11001	1100101	1	14	11		0,9441		25315	239
2017	4	11001	1100110	1	14	11		0,8307		51161	425
2017	4	11001	1100109	1	14	11		0,663		23229	154
2017	4	11001	1100114	1	14	11		0,7964		7408	59
2017	4	11001	1100103	1	14	11		0,9346		11877	111
2017	4	11001	1100102	1	14	11		0,9084		8917	81
2017	4	11001	1100117	1	14	11		1,8118		3974	72
2017	4	11001	1100106	1	14	11		0,9953		16075	160
2017	4	11001	1100113	1	14	11		1,0759		6971	75
2017	4	11001	1100118	1	14	11		1,3281		31549	419
2017	4	11001	1100116	1	14	11		1,3013		15677	204
2017	4	11001	1100104	1	14	11		1,3795		37768	521
2017	4	11001	1100115	1	14	11		0,6941		6627	46
2017	4	11001	1100112	1	14	11		0,5835		9768	57
2017	4	11001	1100119	1	14	11		1,051		51477	541
2017	4	76001	7600101	1	14	11		0,5857		2732	16
2017	4	76001	7600102	1	14	11		0,7036		6964	49
2017	4	76001	7600103	1	14	11		0,7236		2764	20
2017	4	76001	7600104	1	14	11		0,2548		2355	6
2017	4	76001	7600105	1	14	11		0,6791		3976	27
2017	4	76001	7600106	1	14	11		0,8072		5079	41
2017	4	76001	7600107	1	14	11		0,7396		3380	25
2017	4	76001	7600108	1	14	11		0,8086		3710	30
2017	4	76001	7600109	1	14	11		0,8751		2514	22
2017	4	76001	7600110	1	14	11		0,7457		3621	27
2017	4	76001	7600111	1	14	11		1,3355		4268	57
2017	4	76001	7600112	1	14	11		0,9456		1269	12
2017	4	76001	7600113	1	14	11		0,5941		7575	45
2017	4	76001	7600114	1	14	11		1,1407		9906	113
2017	4	76001	7600115	1	14	11		0,7035		5544	39
2017	4	76001	7600116	1	14	11		1,072		5224	56
2017	4	76001	7600117	1	14	11		1,2635		5382	68
2017	4	76001	7600118	1	14	11		0,4691		6182	29
2017	4	76001	7600119	1	14	11		0,8853		7003	62
2017	4	76001	7600120	1	14	11		0,676		1923	13
2017	4	76001	7600121	1	14	11		0,7141		3641	26
2017	4	76001	7600122	1	14	11		2,037		1080	22
2017	4	50001		1	14	11		1,2409		73334	910
2017	4	11001		1	14	11		1,0411	1,1299	533011	5549
2017	4	50001	5000101	1	14	11		1,6268		4303	70
2017	4	50001	5000102	1	14	11		1,2487		4645	58
2017	4	50001	5000103	1	14	11		0,7162		5864	42
2017	4	50001	5000104	1	14	11		0,938		8742	82
2017	4	50001	5000105	1	14	11		0,8494		14010	119
2017	4	50001	5000106	1	14	11		0,8656		1964	17
2017	4	50001	5000107	1	14	11		0,9834		7932	78
2017	4	50001	5000108	1	14	11		1,1757		5954	70
2017	4	11001	1100107	1	14	11		0,7571		56266	426
2017	4	11001	1100111	1	14	11		0,9922		65916	654
2017	4	11001	1100105	1	14	11		0,9658		31268	302
2017	4	76834		1	14		11	1,0268		10129	104
2017	4	76109		1	14		11	1,0818		22278	241
2017	4	76147		1	14		11	0,7368		12215	90



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	76520		1	14		11	1,3605		18743	255
2017	4	76892		1	14		11	1,276		8856	113
2017	4	76130		1	14		11	1,2445		8437	105
2017	4	76364		1	14		11	1,3228		15875	210
2017	4	76001		1	14	11		0,8591		102089	877
2017	4	20001		1	14	13		0,9313		54439	507
2017	4	5001		1	14	18		1,1568		138744	1605
2017	4	85001		1	14	18		1,5359		30014	461
2017	4	23001		1	14	18		1,375		72071	991
2017	4	68679		1	14		18	0,4569		6128	28
2017	4	25214		1	14		18	1,1347		2027	23
2017	4	5001	500116	1	14	18		0,8904		6851	61
2017	4	5001	500101	1	14	18		0,6542		8560	56
2017	4	5001	500107	1	14	18		1,2003		15496	186
2017	4	5001	500104	1	14	18		1,2661		10584	134
2017	4	5001	500105	1	14	18		1,588		9320	148
2017	4	5001	500115	1	14	18		0,964		3527	34
2017	4	5001	500103	1	14	18		0,778		10668	83
2017	4	5001	500114	1	14	18		0,8446		3552	30
2017	4	5001	500112	1	14	18		1,2865		2876	37
2017	4	5001	500113	1	14	18		1,167		7541	88
2017	4	5001	500102	1	14	18		1,011		10781	109
2017	4	5001	500109	1	14	18		1,3142		6468	85
2017	4	5001	500110	1	14	18		0,8262		8836	73
2017	4	5001	500108	1	14	18		1,2668		10420	132
2017	4	5001	500106	1	14	18		1,2565		8436	106
2017	4	5001	500111	1	14	18		0,9654		3522	34
2017	4	68307		1	14		18	1,4093		13553	191
2017	4	15491		1	14		18	1,0859		2026	22
2017	4	25817		1	14		18	0,5336		5622	30
2017	4	5380		1	14		18	0,6978		5302	37
2017	4	5607		1	14		18	0,6987		2290	16
2017	4	68276		1	14		18	1,2003		13580	163
2017	4	54405		1	14		18	0,5829		6862	40
2017	4	25754		1	14		18	0,9945		51987	517
2017	4	17380		1	14		18	1,2031		11387	137
2017	4	5318		1	14		18	1,0674		8994	96
2017	4	25290		1	14		18	1,8978		21077	400
2017	4	20011		1	14		18	0,996		9639	96
2017	4	66170		1	14		18	0,7227		14390	104
2017	4	25126		1	14		18	1,0271		8373	86
2017	4	5266		1	14		18	1,1134		5838	65
2017	4	25899		1	14		18	1,1177		13510	151
2017	4	20400		1	14		18	1,4822		7489	111
2017	4	54498		1	14		18	0,8788		16386	144
2017	4	25269		1	14		18	1,2997		14465	188
2017	4	73449		1	14		18	1,4062		9458	133
2017	4	68547		1	14		18	1,133		13592	154
2017	4	41551		1	14		18	0,9513		32482	309
2017	4	15759		1	14		18	0,8912		19413	173
2017	4	5212		1	14		18	1,0043		4680	47
2017	4	73268		1	14		18	0,9359		12929	121
2017	4	5376		1	14		18	1,1673		10109	118
2017	4	15572		1	14		18	1,6368		9592	157
2017	4	5088		1	14		18	1,3174		27631	364
2017	4	5837		1	14		18	1,693		21736	368
2017	4	25799		1	14		18	1,538		3381	52
2017	4	5615		1	14		18	1,1586		19247	223
2017	4	5129		1	14		18	0,9757		7789	76
2017	4	50006		1	14		18	1,0068		16687	168
2017	4	25286		1	14		18	1,28		10469	134
2017	4	25473		1	14		18	1,2592		7783	98
2017	4	5308		1	14		18	1,287		5672	73
2017	4	85410		1	14		18	1,1361		4401	50
2017	4	25175		1	14		18	1,2046		11373	137
2017	4	54874		1	14		18	1,1478		6360	73
2017	4	50568		1	14		18	1,4005		6212	87
2017	4	5360		1	14		18	1,1867		13061	155
2017	4	25758		1	14		18	1,3827		2676	37
2017	4	25307		1	14		18	1,362		15565	212
2017	4	25377		1	14		18	1,2297		4554	56
2017	4	68081		1	14		18	1,3029		20877	272
2017	4	15238		1	14		18	1,0329		16459	170
2017	4	25430		1	14		18	0,9228		12679	117
2017	4	5045		1	14		18	0,5719		15212	87
2017	4	5631		1	14		18	1,3045		2453	32
2017	4	66001		1	14	19		1,1768		38663	455
2017	4	44847		1	14		19	0,9894		21224	210
2017	4	52835		1	14		19	1,4639		18922	277



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	44560		1	14		19	1,3773		6970	96
2017	4	81001		1	14	19		0,8344		14382	120
2017	4	86001		2	14	19		1,642		11937	196
2017	4	19001		1	14	19		0,6377		51282	327
2017	4	18001		1	14	19		0,8078		27234	220
2017	4	52356		1	14		19	0,8325		8529	71
2017	4	44001		1	14	19		1,1371		19700	224
2017	4	44430		1	14		19	1,1228		17456	196
2017	4	88001		2	14	20		0,7705		4413	34
2017	4	17001		1	14	20		0,8835		25126	222
2017	4	95001		2	14	20		0,635		5354	34
2017	4	52001		1	14	20		1,3647		32827	448
2017	4	86001		2	15	9		2,821		16342	461
2017	4	68001		1	15	10		0,8676		46796	406
2017	4	81001		1	15	10		1,0692		20669	221
2017	4	19001		1	15	10		0,4987		69377	346
2017	4	15001		1	15	10		0,8676		27546	239
2017	4	63001		1	15	10		0,5079		36819	187
2017	4	8001	800102	1	15	10		1,0504		14375	151
2017	4	8001	800101	1	15	10		1,0472		21200	222
2017	4	8001	800104	1	15	10		0,512		26953	138
2017	4	68001	6800111	1	15	10		1,0559		2273	24
2017	4	68001	6800117	1	15	10		1,1127		2157	24
2017	4	68001	6800101	1	15	10		0,6084		4109	25
2017	4	68001	6800115	1	15	10		0,5111		4109	21
2017	4	68001	6800113	1	15	10		0,7884		5708	45
2017	4	68001	6800110	1	15	10		0,8895		2923	26
2017	4	68001	6800104	1	15	10		0,565		3894	22
2017	4	68001	6800107	1	15	10		0,657		761	5
2017	4	68001	6800106	1	15	10		0,5443		2756	15
2017	4	68001	6800105	1	15	10		1,7623		4426	78
2017	4	68001	6800103	1	15	10		0,6888		6243	43
2017	4	68001	6800108	1	15	10		1,0393		866	9
2017	4	68001	6800116	1	15	10		2,2436		1560	35
2017	4	68001	6800112	1	15	10		0,458		3930	18
2017	4	76001	7600101	1	15	10		0,5394		2781	15
2017	4	76001	7600102	1	15	10		0,4274		11933	51
2017	4	76001	7600103	1	15	10		0,2737		8037	22
2017	4	76001	7600104	1	15	10		0,511		5088	26
2017	4	76001	7600105	1	15	10		0,5117		5277	27
2017	4	76001	7600106	1	15	10		0,7035		5970	42
2017	4	76001	7600107	1	15	10		0,6381		4545	29
2017	4	76001	7600108	1	15	10		0,5964		6204	37
2017	4	76001	7600109	1	15	10		0,571		5254	30
2017	4	76001	7600110	1	15	10		0,3759		5853	22
2017	4	76001	7600111	1	15	10		1,288		6056	78
2017	4	76001	7600112	1	15	10		1,4535		1720	25
2017	4	76001	7600113	1	15	10		0,5466		8965	49
2017	4	76001	7600114	1	15	10		0,7051		11629	82
2017	4	76001	7600115	1	15	10		0,6056		5945	36
2017	4	76001	7600116	1	15	10		0,7381		6232	46
2017	4	76001	7600117	1	15	10		0,7447		8325	62
2017	4	76001	7600118	1	15	10		0,5005		7392	37
2017	4	76001	7600119	1	15	10		0,7535		9423	71
2017	4	76001	7600120	1	15	10		0,4724		2117	10
2017	4	76001	7600121	1	15	10		0,9237		3681	34
2017	4	76001	7600122	1	15	10		1,6878		2133	36
2017	4	54001	5400106	1	15	10		0,7723		11653	90
2017	4	54001	5400101	1	15	10		0,4935		14589	72
2017	4	54001	5400104	1	15	10		0,8499		4942	42
2017	4	54001	5400110	1	15	10		0,8579		4313	37
2017	4	54001	5400108	1	15	10		0,99		13636	135
2017	4	54001	5400105	1	15	10		0,8476		6371	54
2017	4	54001	5400103	1	15	10		0,9135		5145	47
2017	4	54001	5400107	1	15	10		0,8096		11610	94
2017	4	54001	5400109	1	15	10		1,0405		7881	82
2017	4	54001	5400102	1	15	10		0,7983		5261	42
2017	4	8001		1	15	10		0,7966		88504	705
2017	4	66001		1	15	10		1,092		56320	615
2017	4	52001		1	15	10		0,9528		57412	547
2017	4	88001		2	15	10		2,5855		6111	158
2017	4	13001		1	15	10		0,7211		118299	853
2017	4	76001		1	15	10		0,6705		140485	942
2017	4	47001		1	15	10		0,6693		45569	305
2017	4	41001		1	15	10		0,9426		52620	496
2017	4	17001		1	15	10		0,7166		44096	316
2017	4	50001		1	15	10		1,0369		100400	1041
2017	4	70001		1	15	10		0,8052		41854	337
2017	4	73001		1	15	10		0,948		82382	781



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	20001		1	15	10		0,9519		52529	500
2017	4	54001		1	15	10		0,9052		91362	827
2017	4	68307		1	15		10	1,1182		19942	223
2017	4	15491		1	15		10	1,2811		2732	35
2017	4	25817		1	15		10	0,59		6949	41
2017	4	68276		1	15		10	1,1337		20640	234
2017	4	25754		1	15		10	0,8363		66245	554
2017	4	17380		1	15		10	0,66		15758	104
2017	4	25290		1	15		10	1,4959		29682	444
2017	4	66170		1	15		10	0,5765		20123	116
2017	4	25126		1	15		10	1,3522		11685	158
2017	4	25899		1	15		10	0,9535		17410	166
2017	4	25269		1	15		10	1,5698		17200	270
2017	4	76834		1	15		10	0,9435		15050	142
2017	4	76109		1	15		10	0,7435		31609	235
2017	4	73449		1	15		10	1,0635		11095	118
2017	4	68547		1	15		10	1,4269		19763	282
2017	4	15759		1	15		10	0,7951		31067	247
2017	4	76147		1	15		10	0,6298		18259	115
2017	4	8758		1	15		10	0,7784		35456	276
2017	4	76520		1	15		10	1,6036		26129	419
2017	4	76892		1	15		10	0,7541		15118	114
2017	4	76130		1	15		10	1,0662		10786	115
2017	4	76364		1	15		10	1,3072		19202	251
2017	4	73268		1	15		10	0,8731		17181	150
2017	4	15572		1	15		10	1,5079		12866	194
2017	4	25799		1	15		10	1,3593		4414	60
2017	4	25286		1	15		10	0,9357		16244	152
2017	4	25473		1	15		10	1,019		11482	117
2017	4	8573		1	15		10	1,1328		4149	47
2017	4	25175		1	15		10	1,0348		16041	166
2017	4	25758		1	15		10	1,1814		3809	45
2017	4	25307		1	15		10	1,2988		21867	284
2017	4	25377		1	15		10	1,1708		6064	71
2017	4	68081		1	15		10	0,9686		31592	306
2017	4	15238		1	15		10	1,0215		28097	287
2017	4	25430		1	15		10	0,8846		15826	140
2017	4	76111		1	15		10	0,7691		8972	69
2017	4	68679		1	15		10	0,5735		10288	59
2017	4	25214		1	15		10	1,0239		3516	36
2017	4	50001	5000101	1	15	10		1,1846		6247	74
2017	4	50001	5000102	1	15	10		0,9234		8555	79
2017	4	50001	5000103	1	15	10		0,453		9271	42
2017	4	50001	5000104	1	15	10		0,9396		10111	95
2017	4	50001	5000105	1	15	10		0,6602		19692	130
2017	4	50001	5000106	1	15	10		0,6059		3301	20
2017	4	50001	5000107	1	15	10		1,0269		11199	115
2017	4	50001	5000108	1	15	10		1,2808		8510	109
2017	4	73001	7300101	1	15	10		0,4239		10380	44
2017	4	73001	7300102	1	15	10		0,2911		1374	4
2017	4	73001	7300103	1	15	10		0,3623		4416	16
2017	4	73001	7300104	1	15	10		0,4984		4615	23
2017	4	73001	7300105	1	15	10		0,9087		4182	38
2017	4	73001	7300106	1	15	10		0,3901		3589	14
2017	4	73001	7300107	1	15	10		1,292		7508	97
2017	4	73001	7300108	1	15	10		0,8819		7711	68
2017	4	73001	7300109	1	15	10		1,7779		12262	218
2017	4	73001	7300110	1	15	10		0,462		7360	34
2017	4	73001	7300111	1	15	10		0,7974		2508	20
2017	4	73001	7300112	1	15	10		0,7521		2925	22
2017	4	73001	7300113	1	15	10		0,4698		2767	13
2017	4	13001	1300102	1	15	10		0,6902		39986	276
2017	4	13001	1300103	1	15	10		0,7523		37486	282
2017	4	13001	1300101	1	15	10		0,7226		40827	295
2017	4	8001	800105	1	15	10		0,8357		5624	47
2017	4	8001	800103	1	15	10		0,7029		18496	130
2017	4	5001	500116	1	15	11		0,8928		11201	100
2017	4	5001	500101	1	15	11		0,4322		8792	38
2017	4	5001	500107	1	15	11		1,0236		17585	180
2017	4	5001	500104	1	15	11		1,1198		14556	163
2017	4	5001	500105	1	15	11		1,1596		13798	160
2017	4	5001	500115	1	15	11		0,7247		6485	47
2017	4	5001	500103	1	15	11		0,834		11991	100
2017	4	5001	500114	1	15	11		0,7634		6812	52
2017	4	5001	500112	1	15	11		1,299		4388	57
2017	4	5001	500113	1	15	11		1,0355		8885	92
2017	4	5001	500102	1	15	11		1,0304		11258	116
2017	4	5001	500109	1	15	11		1,0823		8223	89
2017	4	5001	500110	1	15	11		0,5049		32085	162



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	5001	500108	1	15	11		1,0483		12020	126
2017	4	5001	500106	1	15	11		0,8504		9642	82
2017	4	5001	500111	1	15	11		0,7343		10895	80
2017	4	11001	1100107	1	15	11		0,7473		67176	502
2017	4	11001	1100111	1	15	11		0,7921		86989	689
2017	4	11001	1100105	1	15	11		0,9881		34612	342
2017	4	11001	1100108	1	15	11		1,3563		100861	1368
2017	4	11001	1100101	1	15	11		0,8055		42457	342
2017	4	11001	1100110	1	15	11		0,7137		71175	508
2017	4	11001	1100109	1	15	11		0,5587		37586	210
2017	4	11001	1100114	1	15	11		0,63		17777	112
2017	4	11001	1100103	1	15	11		0,7841		20405	160
2017	4	11001	1100102	1	15	11		0,7606		19065	145
2017	4	11001	1100117	1	15	11		3,2264		5889	190
2017	4	11001	1100106	1	15	11		0,8462		21980	186
2017	4	11001	1100113	1	15	11		0,5646		13460	76
2017	4	11001	1100118	1	15	11		1,1781		37943	447
2017	4	11001	1100116	1	15	11		1,2317		27117	334
2017	4	11001	1100104	1	15	11		1,1536		39443	455
2017	4	11001	1100115	1	15	11		0,5134		11686	60
2017	4	11001	1100112	1	15	11		0,3608		21620	78
2017	4	11001	1100119	1	15	11		0,9191		56792	522
2017	4	11001		1	15	11		0,9163	1,8957	734033	6726
2017	4	5001		1	15	11		0,9331		202660	1891
2017	4	54405		1	15		18	0,8162		10536	86
2017	4	54498		1	15		18	0,7964		22226	177
2017	4	85001		1	15	18		1,1064		42208	467
2017	4	54874		1	15		18	1,0028		10172	102
2017	4	85410		1	15		18	0,8455		5559	47
2017	4	41551		1	15		18	0,9201		39885	367
2017	4	5631		1	15		19	1,2071		3645	44
2017	4	50568		1	15		19	1,1268		6567	74
2017	4	5360		1	15		19	1,2228		18810	230
2017	4	52356		1	15		19	0,8088		11375	92
2017	4	5308		1	15		19	0,8536		7498	64
2017	4	5615		1	15		19	1,1696		26419	309
2017	4	5129		1	15		19	1,0068		11422	115
2017	4	50006		1	15		19	0,9671		21301	206
2017	4	44847		1	15		19	1,2348		20166	249
2017	4	5088		1	15		19	1,243		39823	495
2017	4	5837		1	15		19	1,5973		30676	490
2017	4	5376		1	15		19	1,2771		15191	194
2017	4	5212		1	15		19	0,9211		6731	62
2017	4	52835		1	15		19	1,4395		25008	360
2017	4	5266		1	15		19	1,069		8232	88
2017	4	20400		1	15		19	1,0235		7914	81
2017	4	20011		1	15		19	1,1158		12726	142
2017	4	44560		1	15		19	1,6347		6056	99
2017	4	5318		1	15		19	1,0058		10141	102
2017	4	5607		1	15		19	0,6156		2599	16
2017	4	44430		1	15		19	1,3099		19162	251
2017	4	5045		1	15		19	0,5998		23343	140
2017	4	27001		2	15	19		0,8549		36497	312
2017	4	95001		2	15	19		0,8293		8441	70
2017	4	23001		1	15	19		1,2524		84077	1053
2017	4	5380		1	15		19	0,7181		7381	53
2017	4	18001		1	15	19		0,8265		37266	308
2017	4	44001		1	15	19		1,378		20754	286
2017	4	15491		1	16		18	1,6934		2303	39
2017	4	15238		1	16		18	0,858		23311	200
2017	4	85410		1	16		18	0,875		5257	46
2017	4	95001		2	16	18		0,7386		9342	69
2017	4	15759		1	16		18	0,8734		26905	235
2017	4	85001		1	16	18		1,4204		39144	556
2017	4	15572		1	16		18	1,4864		12312	183
2017	4	25754		1	16		19	1,0536		76881	810
2017	4	17380		1	16		19	0,9364		13883	130
2017	4	5318		1	16		19	0,8463		9335	79
2017	4	25290		1	16		19	2,6436		25269	668
2017	4	5607		1	16		19	0,3876		2580	10
2017	4	44430		1	16		19	1,1422		20924	239
2017	4	68276		1	16		19	1,1195		19205	215
2017	4	54405		1	16		19	1,0569		8705	92
2017	4	68307		1	16		19	1,4333		15977	229
2017	4	25817		1	16		19	0,5547		8113	45
2017	4	5380		1	16		19	0,9315		7515	70
2017	4	73001	7300105	1	16	19		0,6849		3796	26
2017	4	50001	5000105	1	16	19		0,7368		16694	123
2017	4	50001	5000106	1	16	19		0,6897		2465	17



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## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	50001	5000107	1	16	19		0,7894		8741	69
2017	4	50001	5000108	1	16	19		1,0207		7152	73
2017	4	73001	7300101	1	16	19		0,5216		5751	30
2017	4	50001	5000101	1	16	19		1,3264		4448	59
2017	4	50001	5000102	1	16	19		1,4308		4403	63
2017	4	50001	5000103	1	16	19		0,7095		5920	42
2017	4	50001	5000104	1	16	19		0,7065		9908	70
2017	4	5045		1	16		19	0,8055		22843	184
2017	4	5631		1	16		19	1,6021		3433	55
2017	4	68679		1	16		19	0,7006		6423	45
2017	4	25214		1	16		19	1,4673		3135	46
2017	4	68081		1	16		19	1,1633		27680	322
2017	4	25430		1	16		19	1,1671		16279	190
2017	4	76111		1	16		19	1,0532		7216	76
2017	4	5360		1	16		19	1,5542		17630	274
2017	4	25758		1	16		19	1,6423		3349	55
2017	4	25307		1	16		19	1,172		14761	173
2017	4	25377		1	16		19	0,9148		5138	47
2017	4	25175		1	16		19	1,2862		14772	190
2017	4	54874		1	16		19	1,1771		8665	102
2017	4	50568		1	16		19	1,9434		5763	112
2017	4	25286		1	16		19	1,6824		15157	255
2017	4	25473		1	16		19	1,1242		12275	138
2017	4	52356		1	16		19	1,0918		10441	114
2017	4	5308		1	16		19	0,7312		6428	47
2017	4	8573		1	16		19	0,923		3467	32
2017	4	25799		1	16		19	1,2283		4152	51
2017	4	5615		1	16		19	1,1733		21734	255
2017	4	5129		1	16		19	1,2753		10429	133
2017	4	50006		1	16		19	1,2242		19442	238
2017	4	44847		1	16		19	1,0306		21250	219
2017	4	5088		1	16		19	1,4812		38752	574
2017	4	5837		1	16		19	2,7918		17444	487
2017	4	76130		1	16		19	0,941		10733	101
2017	4	76364		1	16		19	1,4946		18600	278
2017	4	73268		1	16		19	1,1979		15360	184
2017	4	5376		1	16		19	1,0109		12167	123
2017	4	8758		1	16		19	1,3748		38334	527
2017	4	76520		1	16		19	1,3678		21567	295
2017	4	76892		1	16		19	1,0666		10501	112
2017	4	5212		1	16		19	1,0238		5958	61
2017	4	68547		1	16		19	1,756		17995	316
2017	4	41551		1	16		19	1,0757		35698	384
2017	4	76147		1	16		19	0,8385		14788	124
2017	4	25269		1	16		19	1,6532		19054	315
2017	4	76834		1	16		19	0,8298		13257	110
2017	4	76109		1	16		19	1,0461		27340	286
2017	4	52835		1	16		19	1,512		25596	387
2017	4	73449		1	16		19	1,2065		8537	103
2017	4	5266		1	16		19	1,5017		8324	125
2017	4	25899		1	16		19	1,3422		16764	225
2017	4	20400		1	16		19	1,878		9212	173
2017	4	54498		1	16		19	0,8791		19337	170
2017	4	20011		1	16		19	4,1762		12643	528
2017	4	44560		1	16		19	1,321		6586	87
2017	4	66170		1	16		19	0,651		17973	117
2017	4	25126		1	16		19	1,4352		11566	166
2017	4	11001	1100115	1	16	19		0,9222		7699	71
2017	4	11001	1100112	1	16	19		0,7513		13444	101
2017	4	11001	1100102	1	16	19		1,2263		10193	125
2017	4	11001	1100117	1	16	19		1,9713		2790	55
2017	4	11001	1100106	1	16	19		1,0767		22661	244
2017	4	11001	1100113	1	16	19		0,7536		7962	60
2017	4	11001	1100110	1	16	19		0,9568		67828	649
2017	4	11001	1100109	1	16	19		0,8245		34322	283
2017	4	11001	1100114	1	16	19		0,8026		8971	72
2017	4	11001	1100103	1	16	19		1,1469		11858	136
2017	4	11001	1100111	1	16	19		1,1847		88291	1046
2017	4	11001	1100105	1	16	19		1,0907		40066	437
2017	4	11001	1100108	1	16	19		1,4572		96830	1411
2017	4	11001	1100101	1	16	19		1,1982		35804	429
2017	4	68001	6800108	1	16	19		0,7092		987	7
2017	4	68001	6800116	1	16	19		1,6854		1602	27
2017	4	68001	6800112	1	16	19		1,2696		1654	21
2017	4	11001	1100107	1	16	19		0,8197		77594	636
2017	4	68001	6800104	1	16	19		1,0343		1837	19
2017	4	68001	6800107	1	16	19		0,3866		776	3
2017	4	68001	6800106	1	16	19		0,3881		1546	6
2017	4	68001	6800105	1	16	19		2,3319		4074	95





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## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	68001	6800103	1	16	19		1,028		4864	50
2017	4	68001	6800101	1	16	19		0,464		4526	21
2017	4	68001	6800115	1	16	19		0,8571		700	6
2017	4	68001	6800113	1	16	19		1,2092		4135	50
2017	4	68001	6800110	1	16	19		0,8444		2487	21
2017	4	8001	800101	1	16	19		1,3544		23110	313
2017	4	8001	800104	1	16	19		0,732		11885	87
2017	4	68001	6800111	1	16	19		0,766		2350	18
2017	4	68001	6800117	1	16	19		1,6844		1781	30
2017	4	5001	500111	1	16	19		1,0128		6418	65
2017	4	8001	800105	1	16	19		0,6217		4504	28
2017	4	8001	800103	1	16	19		0,933		14898	139
2017	4	8001	800102	1	16	19		1,1203		15799	177
2017	4	5001	500102	1	16	19		0,9897		15358	152
2017	4	5001	500109	1	16	19		1,4026		9625	135
2017	4	5001	500110	1	16	19		1,0542		12426	131
2017	4	5001	500108	1	16	19		1,4005		13924	195
2017	4	5001	500106	1	16	19		1,1192		11973	134
2017	4	5001	500103	1	16	19		1,0062		14112	142
2017	4	5001	500114	1	16	19		1,0923		5127	56
2017	4	5001	500112	1	16	19		1,5561		3663	57
2017	4	5001	500113	1	16	19		1,3188		10843	143
2017	4	5001	500107	1	16	19		1,3589		21635	294
2017	4	5001	500104	1	16	19		1,4875		15798	235
2017	4	5001	500105	1	16	19		1,5237		16014	244
2017	4	5001	500115	1	16	19		1,0872		5519	60
2017	4	13001	1300103	1	16	19		1,3384		41617	557
2017	4	13001	1300101	1	16	19		0,923		32935	304
2017	4	5001	500116	1	16	19		0,9322		9869	92
2017	4	5001	500101	1	16	19		0,7456		11937	89
2017	4	73001	7300110	1	16	19		0,5098		4904	25
2017	4	73001	7300111	1	16	19		0,5832		2572	15
2017	4	73001	7300112	1	16	19		0,5602		2856	16
2017	4	73001	7300113	1	16	19		0,4077		2943	12
2017	4	13001	1300102	1	16	19		0,7455		39838	297
2017	4	73001	7300106	1	16	19		0,4776		3769	18
2017	4	73001	7300107	1	16	19		1,2335		6972	86
2017	4	73001	7300108	1	16	19		0,9223		7373	68
2017	4	73001	7300109	1	16	19		1,8697		8504	159
2017	4	73001	7300102	1	16	19		0,148		1351	2
2017	4	73001	7300103	1	16	19		0,5571		2154	12
2017	4	73001	7300104	1	16	19		0,8652		3814	33
2017	4	15001		1	16	19		1,0244		23136	237
2017	4	13001		1	16	19		1,0123		114390	1158
2017	4	41001		1	16	19		1,061		47127	500
2017	4	73001		1	16	19		0,9701		66903	649
2017	4	11001		1	16	19		1,1624	0,8323	697281	8105
2017	4	8001		1	16	19		1,0603		72149	765
2017	4	50001		1	16	19		1,0868		81251	883
2017	4	23001		1	16	19		1,2042		91261	1099
2017	4	17001		1	16	19		0,8317		38597	321
2017	4	70001		1	16	19		0,9302		40850	380
2017	4	47001		1	16	19		0,7384		40224	297
2017	4	5001		1	16	19		1,2543		198357	2488
2017	4	19001		1	16	19		0,7188		62600	450
2017	4	44001		1	16	19		1,399		23589	330
2017	4	54001		1	16	19		0,9955		70114	698
2017	4	20001		1	16	19		1,5009		52434	787
2017	4	66001		1	16	19		1,2764		45441	580
2017	4	68001		1	16	19		1,1116		34364	382
2017	4	18001		1	16	19		0,8486		37120	315
2017	4	63001		1	16	19		0,6572		27996	184
2017	4	81001		1	16	19		0,9901		18483	183
2017	4	27001		2	16	19		1,0615		36646	389
2017	4	54001	5400107	1	16	19		0,6929		10969	76
2017	4	54001	5400109	1	16	19		0,9622		7275	70
2017	4	54001	5400102	1	16	19		1,1519		3299	38
2017	4	54001	5400104	1	16	19		0,8689		3798	33
2017	4	54001	5400110	1	16	19		1,2616		3884	49
2017	4	54001	5400108	1	16	19		1,0694		14307	153
2017	4	54001	5400105	1	16	19		0,7398		3920	29
2017	4	54001	5400103	1	16	19		1,0951		4931	54
2017	4	54001	5400106	1	16	19		0,7246		9247	67
2017	4	54001	5400101	1	16	19		0,7711		4020	31
2017	4	11001	1100119	1	16	19		1,1257		66447	748
2017	4	11001	1100118	1	16	19		1,6862		39022	658
2017	4	11001	1100116	1	16	19		1,3886		20308	282
2017	4	11001	1100104	1	16	19		1,4649		45191	662
2017	4	52001		1	16	20		1,5609		47600	743



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	76001	7600103	1	16	20		0,613		2610	16
2017	4	76001		1	16	20		0,9866		114536	1130
2017	4	88001		2	16	20		0,9877		4050	40
2017	4	76001	7600121	1	16	20		1,3327		4052	54
2017	4	76001	7600122	1	16	20		1,9509		1384	27
2017	4	76001	7600117	1	16	20		1,472		6386	94
2017	4	76001	7600118	1	16	20		0,6847		7887	54
2017	4	76001	7600119	1	16	20		1,2481		7131	89
2017	4	76001	7600120	1	16	20		0,816		2206	18
2017	4	76001	7600113	1	16	20		1,057		9177	97
2017	4	76001	7600114	1	16	20		1,0358		11778	122
2017	4	76001	7600115	1	16	20		0,8441		6753	57
2017	4	76001	7600116	1	16	20		1,2519		5991	75
2017	4	76001	7600108	1	16	20		0,7694		4289	33
2017	4	76001	7600109	1	16	20		0,7923		2272	18
2017	4	76001	7600110	1	16	20		0,779		4108	32
2017	4	76001	7600111	1	16	20		1,6979		5183	88
2017	4	76001	7600112	1	16	20		1,4203		1549	22
2017	4	76001	7600104	1	16	20		0,3142		2864	9
2017	4	76001	7600105	1	16	20		0,2885		4159	12
2017	4	76001	7600106	1	16	20		0,7607		5521	42
2017	4	76001	7600107	1	16	20		0,5539		3611	20
2017	4	76001	7600101	1	16	20		0,6313		2693	17
2017	4	76001	7600102	1	16	20		0,8032		7968	64
2017	4	86001		2	16	20		2,1011		12184	256
2017	4	76001	7600108	1	17	10		0,6817		8802	60
2017	4	76001	7600109	1	17	10		0,4582		7638	35
2017	4	76001	7600110	1	17	10		0,4941		7083	35
2017	4	76001	7600111	1	17	10		0,9939		6540	65
2017	4	76001	7600112	1	17	10		0,7588		1845	14
2017	4	76001	7600104	1	17	10		0,3287		9126	30
2017	4	76001	7600105	1	17	10		0,5872		6982	41
2017	4	76001	7600106	1	17	10		1,107		6775	75
2017	4	76001	7600107	1	17	10		0,8956		5471	49
2017	4	76001	7600101	1	17	10		0,6464		3094	20
2017	4	76001	7600102	1	17	10		0,3617		24885	90
2017	4	76001	7600103	1	17	10		0,4262		17363	74
2017	4	73001	7300105	1	17	10		0,9297		5163	48
2017	4	50001	5000105	1	17	10		0,7518		23012	173
2017	4	50001	5000106	1	17	10		0,2843		4573	13
2017	4	50001	5000107	1	17	10		0,7051		13756	97
2017	4	50001	5000108	1	17	10		0,8938		8951	80
2017	4	73001	7300101	1	17	10		0,6188		16000	99
2017	4	50001	5000101	1	17	10		1,0317		8820	91
2017	4	50001	5000102	1	17	10		0,7889		22437	177
2017	4	50001	5000103	1	17	10		0,6245		11529	72
2017	4	50001	5000104	1	17	10		0,6178		11654	72
2017	4	68001	6800103	1	17	10		0,7672		8863	68
2017	4	68001	6800108	1	17	10		0,4921		1016	5
2017	4	68001	6800116	1	17	10		1,2994		2001	26
2017	4	68001	6800112	1	17	10		0,5658		9367	53
2017	4	68001	6800104	1	17	10		0,6176		6477	40
2017	4	68001	6800107	1	17	10		0,5085		1180	6
2017	4	68001	6800106	1	17	10		0,7998		4251	34
2017	4	68001	6800105	1	17	10		1,6036		4677	75
2017	4	68001	6800101	1	17	10		0,7041		4403	31
2017	4	68001	6800115	1	17	10		0,3949		8103	32
2017	4	68001	6800113	1	17	10		0,7655		11234	86
2017	4	68001	6800110	1	17	10		1,107		3252	36
2017	4	68001	6800111	1	17	10		0,8359		2871	24
2017	4	68001	6800117	1	17	10		1,2736		2120	27
2017	4	73001	7300110	1	17	10		0,4318		11349	49
2017	4	73001	7300111	1	17	10		0,7503		2399	18
2017	4	73001	7300112	1	17	10		0,7909		3161	25
2017	4	73001	7300113	1	17	10		0,5192		2504	13
2017	4	73001	7300106	1	17	10		0,9807		3773	37
2017	4	73001	7300107	1	17	10		1,17		7265	85
2017	4	73001	7300108	1	17	10		0,8563		7824	67
2017	4	73001	7300109	1	17	10		1,4454		15497	224
2017	4	73001	7300102	1	17	10		0,2982		1677	5
2017	4	73001	7300103	1	17	10		0,3795		5534	21
2017	4	73001	7300104	1	17	10		0,5727		5937	34
2017	4	54001		1	17	10		0,8753		113784	996
2017	4	50001		1	17	10		0,9204		128641	1184
2017	4	17001		1	17	10		0,5991		55749	334
2017	4	63001		1	17	10		0,5607		45657	256
2017	4	66001		1	17	10		1,0028		70306	705
2017	4	73001		1	17	10		0,9224		98000	904
2017	4	68001		1	17	10		0,798		70923	566



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	76001		1	17	10		0,7539		202153	1524
2017	4	52001		1	17	10		0,9445		83645	790
2017	4	54001	5400107	1	17	10		0,7879		12057	95
2017	4	54001	5400109	1	17	10		1,0346		8602	89
2017	4	54001	5400102	1	17	10		0,5766		9712	56
2017	4	54001	5400110	1	17	10		1,3511		5107	69
2017	4	54001	5400108	1	17	10		1,0204		14406	147
2017	4	54001	5400105	1	17	10		0,7553		9797	74
2017	4	54001	5400103	1	17	10		0,8486		5774	49
2017	4	76001	7600121	1	17	10		1,4588		3976	58
2017	4	76001	7600122	1	17	10		1,6054		4485	72
2017	4	54001	5400106	1	17	10		0,8931		13325	119
2017	4	54001	5400101	1	17	10		0,4585		22466	103
2017	4	54001	5400104	1	17	10		0,6273		5420	34
2017	4	76001	7600117	1	17	10		1,255		14661	184
2017	4	76001	7600118	1	17	10		0,6528		9191	60
2017	4	76001	7600119	1	17	10		0,7881		20683	163
2017	4	76001	7600120	1	17	10		0,7515		2129	16
2017	4	76001	7600113	1	17	10		0,757		10040	76
2017	4	76001	7600114	1	17	10		0,9887		11631	115
2017	4	76001	7600115	1	17	10		0,633		6003	38
2017	4	76001	7600116	1	17	10		1,0081		7241	73
2017	4	8001	800101	1	17	11		1,466		25103	368
2017	4	8001	800104	1	17	11		0,4889		56042	274
2017	4	8001		1	17	11		0,8562		134667	1153
2017	4	8001	800103	1	17	11		0,8698		24719	215
2017	4	8001	800102	1	17	11		1,1348		15598	177
2017	4	8001	800105	1	17	11		0,87		11149	97
2017	4	25754		1	17		18	0,9096		87404	795
2017	4	25290		1	17		18	1,402		28815	404
2017	4	15491		1	17		18	1,9877		2918	58
2017	4	25817		1	17		18	0,6156		13157	81
2017	4	25214		1	17		18	1,1825		5497	65
2017	4	15238		1	17		18	0,8864		34408	305
2017	4	25430		1	17		18	1,0686		23583	252
2017	4	25758		1	17		18	1,9087		5082	97
2017	4	25307		1	17		18	0,9825		20865	205
2017	4	25377		1	17		18	1,1799		6950	82
2017	4	25175		1	17		18	1,106		25588	283
2017	4	25286		1	17		18	1,4648		25123	368
2017	4	25473		1	17		18	1,3049		18775	245
2017	4	25799		1	17		18	1,1022		6714	74
2017	4	15572		1	17		18	1,3893		12092	168
2017	4	15759		1	17		18	0,7508		40624	305
2017	4	25269		1	17		18	1,4629		27002	395
2017	4	25899		1	17		18	1,1024		27758	306
2017	4	25126		1	17		18	1,4835		18200	270
2017	4	11001	1100112	1	17	18		0,8035		32731	263
2017	4	11001	1100102	1	17	18		1,1248		37339	420
2017	4	11001	1100117	1	17	18		2,7265		10013	273
2017	4	11001	1100106	1	17	18		1,1786		31223	368
2017	4	11001	1100113	1	17	18		1,2141		24793	301
2017	4	11001	1100118	1	17	18		1,5128		49775	753
2017	4	11001	1100110	1	17	18		1,0231		105854	1083
2017	4	11001	1100109	1	17	18		0,9181		59905	550
2017	4	11001	1100114	1	17	18		1,1142		25221	281
2017	4	11001	1100103	1	17	18		1,5891		29514	469
2017	4	11001	1100111	1	17	18		1,133		123738	1402
2017	4	11001	1100105	1	17	18		0,8632		43907	379
2017	4	11001	1100108	1	17	18		1,3237		141200	1869
2017	4	11001	1100101	1	17	18		1,1179		60290	674
2017	4	11001	1100107	1	17	18		0,7645		92604	708
2017	4	11001		1	17	18		1,1484	0,7156	1060948	12184
2017	4	85001		1	17	18		1,2193		54951	670
2017	4	19001		1	17	18		0,6487		80622	523
2017	4	15001		1	17	18		0,8029		43216	347
2017	4	81001		1	17	18		0,8664		31047	269
2017	4	11001	1100119	1	17	18		1,2395		77045	955
2017	4	11001	1100116	1	17	18		1,2061		44026	531
2017	4	11001	1100104	1	17	18		1,419		53771	763
2017	4	11001	1100115	1	17	18		0,7889		17999	142
2017	4	5001	500116	1	17	19		1,2962		13501	175
2017	4	5001	500101	1	17	19		1,0308		12708	131
2017	4	27001		2	17	19		1,2245		39280	481
2017	4	13001		1	17	19		1,0405		131959	1373
2017	4	41001		1	17	19		1,2275		56944	699
2017	4	20001		1	17	19		1,4839		59642	885
2017	4	23001		1	17	19		1,3541		107454	1455
2017	4	86001		2	17	19		2,2094		15796	349



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	5001		1	17	19		1,4385		252897	3638
2017	4	18001		1	17	19		0,7803		45877	358
2017	4	47001		1	17	19		0,7743		46104	357
2017	4	95001		2	17	19		0,7929		10594	84
2017	4	44001		1	17	19		1,4061		27309	384
2017	4	70001		1	17	19		1,0497		48680	511
2017	4	17380		1	17		19	1,0074		15585	157
2017	4	5318		1	17		19	1,1263		10299	116
2017	4	5607		1	17		19	0,59		3051	18
2017	4	44430		1	17		19	1,4247		24426	348
2017	4	68276		1	17		19	1,1956		25678	307
2017	4	54405		1	17		19	1,058		11059	117
2017	4	68307		1	17		19	1,2314		19815	244
2017	4	5380		1	17		19	1,0772		9840	106
2017	4	5045		1	17		19	0,5916		24678	146
2017	4	5631		1	17		19	1,4067		4834	68
2017	4	68679		1	17		19	0,7125		7719	55
2017	4	68081		1	17		19	1,0914		32526	355
2017	4	76111		1	17		19	1,0547		7964	84
2017	4	5360		1	17		19	1,7262		25026	432
2017	4	8573		1	17		19	0,8209		4629	38
2017	4	85410		1	17		19	1,0572		5297	56
2017	4	54874		1	17		19	1,3418		11179	150
2017	4	50568		1	17		19	2,3054		8415	194
2017	4	52356		1	17		19	0,8376		12775	107
2017	4	5308		1	17		19	0,9252		7890	73
2017	4	5615		1	17		19	1,091		28505	311
2017	4	5129		1	17		19	1,1816		12356	146
2017	4	50006		1	17		19	1,2444		23465	292
2017	4	44847		1	17		19	1,3204		22417	296
2017	4	5088		1	17		19	1,5663		47117	738
2017	4	5837		1	17		19	1,553		31165	484
2017	4	76130		1	17		19	1,4392		10909	157
2017	4	76364		1	17		19	1,2874		19031	245
2017	4	73268		1	17		19	1,041		17099	178
2017	4	5376		1	17		19	1,2117		16919	205
2017	4	8758		1	17		19	1,2937		43596	564
2017	4	76520		1	17		19	1,8301		26392	483
2017	4	76892		1	17		19	1,1907		13773	164
2017	4	5212		1	17		19	1,4027		7343	103
2017	4	68547		1	17		19	1,5533		18927	294
2017	4	41551		1	17		19	1,1632		39459	459
2017	4	76147		1	17		19	0,8702		17123	149
2017	4	76834		1	17		19	1,0722		13803	148
2017	4	76109		1	17		19	0,9402		31589	297
2017	4	52835		1	17		19	1,5551		26300	409
2017	4	73449		1	17		19	1,3578		9059	123
2017	4	5266		1	17		19	1,6284		11484	187
2017	4	20400		1	17		19	1,2695		9059	115
2017	4	54498		1	17		19	0,9539		22959	219
2017	4	20011		1	17		19	2,1479		15364	330
2017	4	44560		1	17		19	1,6002		7874	126
2017	4	66170		1	17		19	0,8319		21757	181
2017	4	5001	500106	1	17	19		1,3086		13908	182
2017	4	5001	500111	1	17	19		1,35		10148	137
2017	4	5001	500102	1	17	19		1,3703		17660	242
2017	4	5001	500109	1	17	19		1,7514		11648	204
2017	4	5001	500110	1	17	19		1,1044		24809	274
2017	4	5001	500108	1	17	19		1,5272		16763	256
2017	4	5001	500103	1	17	19		1,2468		15720	196
2017	4	5001	500114	1	17	19		1,3536		9087	123
2017	4	5001	500112	1	17	19		1,8307		5244	96
2017	4	5001	500113	1	17	19		1,5352		12832	197
2017	4	5001	500107	1	17	19		1,6138		26150	422
2017	4	5001	500104	1	17	19		1,729		19318	334
2017	4	5001	500105	1	17	19		1,574		19886	313
2017	4	5001	500115	1	17	19		1,0055		7459	75
2017	4	13001	1300102	1	17	19		0,9985		45570	455
2017	4	13001	1300103	1	17	19		1,1453		46362	531
2017	4	13001	1300101	1	17	19		0,9668		40027	387
2017	4	88001		2	17	20		1,06		5000	53
2017	4	54001		1	18	9		0,7964		114010	908
2017	4	54001	5400107	1	18	9		0,6875		12219	84
2017	4	54001	5400109	1	18	9		0,638		8307	53
2017	4	54001	5400102	1	18	9		0,8172		9667	79
2017	4	54001	5400104	1	18	9		0,8872		5861	52
2017	4	54001	5400101	1	18	9		0,4252		21639	92
2017	4	54001	5400108	1	18	9		0,933		14362	134
2017	4	54001	5400105	1	18	9		0,5441		10292	56



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	54001	5400103	1	18	9		0,9429		5939	56
2017	4	54001	5400106	1	18	9		0,6783		14006	95
2017	4	54001	5400110	1	18	9		1,4841		4784	71
2017	4	76001	7600119	1	18	10		0,7204		21098	152
2017	4	76001	7600120	1	18	10		0,6341		2050	13
2017	4	76001	7600113	1	18	10		0,885		9491	84
2017	4	76001	7600114	1	18	10		1,0058		11632	117
2017	4	76001	7600115	1	18	10		0,7251		5930	43
2017	4	76001	7600116	1	18	10		0,6324		6958	44
2017	4	76001	7600108	1	18	10		0,5032		8346	42
2017	4	76001	7600109	1	18	10		0,7577		8183	62
2017	4	76001	7600110	1	18	10		0,8779		7632	67
2017	4	76001	7600111	1	18	10		1,0895		7159	78
2017	4	76001	7600112	1	18	10		1,2731		1571	20
2017	4	76001	7600104	1	18	10		0,2651		9053	24
2017	4	76001	7600105	1	18	10		0,5075		6699	34
2017	4	76001	7600106	1	18	10		0,5129		6434	33
2017	4	76001	7600107	1	18	10		0,5585		5551	31
2017	4	76001	7600101	1	18	10		0,4617		3032	14
2017	4	76001	7600102	1	18	10		0,4698		25968	122
2017	4	76001	7600103	1	18	10		0,4001		18497	74
2017	4	73001	7300104	1	18	10		0,5691		5974	34
2017	4	73001	7300105	1	18	10		1,0187		4810	49
2017	4	68001	6800103	1	18	10		0,6205		8381	52
2017	4	68001	6800108	1	18	10		1,0846		922	10
2017	4	68001	6800116	1	18	10		1,3619		2056	28
2017	4	68001	6800112	1	18	10		0,3373		10081	34
2017	4	68001	6800104	1	18	10		0,3048		6234	19
2017	4	68001	6800107	1	18	10		0,9236		1191	11
2017	4	68001	6800106	1	18	10		0,5439		4229	23
2017	4	68001	6800105	1	18	10		1,7367		4261	74
2017	4	68001	6800101	1	18	10		0,5143		4083	21
2017	4	68001	6800115	1	18	10		0,4042		7670	31
2017	4	68001	6800113	1	18	10		0,4676		10907	51
2017	4	68001	6800110	1	18	10		1,0599		3491	37
2017	4	8001	800101	1	18	10		1,1758		25429	299
2017	4	8001	800104	1	18	10		0,5004		59756	299
2017	4	68001	6800111	1	18	10		0,4329		4158	18
2017	4	68001	6800117	1	18	10		1,2833		2104	27
2017	4	5001	500106	1	18	10		1,1953		9203	110
2017	4	5001	500111	1	18	10		0,667		24138	161
2017	4	8001	800105	1	18	10		0,7212		11648	84
2017	4	8001	800103	1	18	10		0,7832		24642	193
2017	4	8001	800102	1	18	10		1,0892		16250	177
2017	4	5001	500102	1	18	10		0,8887		10127	90
2017	4	5001	500109	1	18	10		1,5841		8017	127
2017	4	5001	500110	1	18	10		0,7738		59191	458
2017	4	5001	500108	1	18	10		1,3501		12073	163
2017	4	5001	500103	1	18	10		0,9561		10564	101
2017	4	5001	500114	1	18	10		0,8195		23064	189
2017	4	5001	500112	1	18	10		1,2208		6553	80
2017	4	5001	500113	1	18	10		1,2997		9156	119
2017	4	5001	500107	1	18	10		1,2646		19215	243
2017	4	5001	500104	1	18	10		1,2182		16910	206
2017	4	5001	500105	1	18	10		1,3267		17185	228
2017	4	5001	500115	1	18	10		0,6128		15502	95
2017	4	13001	1300102	1	18	10		1,1833		46142	546
2017	4	13001	1300103	1	18	10		0,9508		46696	444
2017	4	13001	1300101	1	18	10		0,8291		64042	531
2017	4	5001	500116	1	18	10		0,9534		15629	149
2017	4	5001	500101	1	18	10		0,7628		7079	54
2017	4	73001	7300110	1	18	10		0,2597		11167	29
2017	4	73001	7300111	1	18	10		0,8034		2365	19
2017	4	73001	7300112	1	18	10		0,7573		3169	24
2017	4	73001	7300113	1	18	10		0,7382		2574	19
2017	4	73001	7300106	1	18	10		0,554		3610	20
2017	4	73001	7300107	1	18	10		1,1027		7164	79
2017	4	73001	7300108	1	18	10		0,9549		7959	76
2017	4	73001	7300109	1	18	10		1,7528		14491	254
2017	4	73001	7300101	1	18	10		0,5515		14143	78
2017	4	73001	7300102	1	18	10		0,4723		1482	7
2017	4	73001	7300103	1	18	10		0,3597		5560	20
2017	4	63001		1	18	10		0,6151		43082	265
2017	4	68001		1	18	10		0,6358		70772	450
2017	4	8001		1	18	10		0,7658		139853	1071
2017	4	66001		1	18	10		0,9351		67159	628
2017	4	5001		1	18	10		1,0098		275808	2785
2017	4	76001		1	18	10		0,7068		203730	1440
2017	4	73001		1	18	10		0,9467		93274	883



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	13001		1	18	10		0,9695		156880	1521
2017	4	17001		1	18	10		0,6445		54307	350
2017	4	76001	7600121	1	18	10		0,986		3651	36
2017	4	76001	7600122	1	18	10		1,73		4971	86
2017	4	76001	7600117	1	18	10		0,8003		14494	116
2017	4	76001	7600118	1	18	10		0,4765		8815	42
2017	4	11001	1100112	1	18	13		0,7033		43507	306
2017	4	11001	1100115	1	18	13		0,8582		22022	189
2017	4	11001	1100117	1	18	13		1,8315		17527	321
2017	4	11001	1100106	1	18	13		0,8915		27931	249
2017	4	11001	1100113	1	18	13		0,9935		41872	416
2017	4	11001	1100118	1	18	13		1,2193		44779	546
2017	4	11001	1100110	1	18	13		1,2509		105447	1319
2017	4	11001	1100109	1	18	13		0,8669		71748	622
2017	4	11001	1100114	1	18	13		0,9064		38615	350
2017	4	11001	1100103	1	18	13		1,2606		44503	561
2017	4	11001	1100111	1	18	13		1,197		119716	1433
2017	4	11001	1100105	1	18	13		0,9015		37824	341
2017	4	11001	1100108	1	18	13		0,9071		134941	1224
2017	4	11001	1100101	1	18	13		1,042		76107	793
2017	4	11001	1100107	1	18	13		0,718		76743	551
2017	4	11001		1	18	13		1,0116	0,2299	1134773	11479
2017	4	52001		1	18	13		1,2966		76582	993
2017	4	86001		2	18	13		1,7337		19323	335
2017	4	11001	1100119	1	18	13		0,9782		62766	614
2017	4	11001	1100116	1	18	13		0,7971		57587	459
2017	4	11001	1100104	1	18	13		1,3054		48338	631
2017	4	11001	1100102	1	18	13		0,8822		62800	554
2017	4	15491		1	18		18	1,9336		2741	53
2017	4	15238		1	18		18	0,8448		32906	278
2017	4	85410		1	18		18	0,7265		6194	45
2017	4	15572		1	18		18	1,248		14103	176
2017	4	15759		1	18		18	0,7471		39083	292
2017	4	15001		1	18	18		0,8493		41208	350
2017	4	81001		1	18	18		0,8469		27275	231
2017	4	85001		1	18	18		1,305		53334	696
2017	4	66170		1	18		19	0,6505		21523	140
2017	4	25126		1	18		19	1,5175		15486	235
2017	4	41001		1	18	19		1,4173		57008	808
2017	4	88001		2	18	19		1,0708		5977	64
2017	4	44001		1	18	19		1,7438		30279	528
2017	4	70001		1	18	19		0,9935		51837	515
2017	4	47001		1	18	19		0,8439		47875	404
2017	4	23001		1	18	19		1,5012		113578	1705
2017	4	27001		2	18	19		1,3712		40183	551
2017	4	50001		1	18	19		1,1595		109961	1275
2017	4	19001		1	18	19		1,061		71345	757
2017	4	18001		1	18	19		1,0107		42049	425
2017	4	95001		2	18	19		0,713		9677	69
2017	4	20001		1	18	19		1,5735		59168	931
2017	4	25754		1	18		19	1,0515		80359	845
2017	4	17380		1	18		19	0,9232		15381	142
2017	4	5318		1	18		19	1,0784		9737	105
2017	4	25290		1	18		19	1,7022		23558	401
2017	4	5607		1	18		19	1,1267		2929	33
2017	4	68276		1	18		19	1,2626		22651	286
2017	4	54405		1	18		19	1,4175		11146	158
2017	4	68307		1	18		19	1,157		19188	222
2017	4	25817		1	18		19	0,7214		9703	70
2017	4	5380		1	18		19	1,1105		9365	104
2017	4	50001	5000105	1	18	19		0,7578		21379	162
2017	4	50001	5000106	1	18	19		1,073		3728	40
2017	4	50001	5000107	1	18	19		0,8455		13247	112
2017	4	50001	5000108	1	18	19		1,1784		9674	114
2017	4	50001	5000101	1	18	19		1,2587		6594	83
2017	4	50001	5000102	1	18	19		0,9943		8448	84
2017	4	50001	5000103	1	18	19		0,5429		8841	48
2017	4	50001	5000104	1	18	19		1,087		12695	138
2017	4	5045		1	18		19	0,6126		24651	151
2017	4	5631		1	18		19	2,098		4814	101
2017	4	68679		1	18		19	0,77		7013	54
2017	4	25214		1	18		19	1,4434		4434	64
2017	4	68081		1	18		19	1,2825		33919	435
2017	4	25430		1	18		19	1,4757		20600	304
2017	4	76111		1	18		19	1,3328		7728	103
2017	4	50568		1	18		19	2,7572		8523	235
2017	4	5360		1	18		19	1,7256		23354	403
2017	4	25758		1	18		19	2,0472		4152	85
2017	4	25307		1	18		19	1,2143		17459	212



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	25377		1	18		19	1,3259		5581	74
2017	4	8573		1	18		19	1,3323		5029	67
2017	4	25175		1	18		19	1,3292		20840	277
2017	4	54874		1	18		19	1,2343		10937	135
2017	4	25286		1	18		19	1,8239		22095	403
2017	4	25473		1	18		19	1,642		16443	270
2017	4	52356		1	18		19	0,9636		12764	123
2017	4	5308		1	18		19	1,215		6996	85
2017	4	25799		1	18		19	1,4183		5147	73
2017	4	5615		1	18		19	1,2957		27398	355
2017	4	5129		1	18		19	1,9564		12012	235
2017	4	50006		1	18		19	1,486		21803	324
2017	4	5088		1	18		19	1,7244		44769	772
2017	4	5837		1	18		19	1,6209		30106	488
2017	4	76130		1	18		19	1,4567		10984	160
2017	4	76364		1	18		19	1,381		20348	281
2017	4	73268		1	18		19	1,1954		17149	205
2017	4	5376		1	18		19	1,2677		15855	201
2017	4	8758		1	18		19	1,235		43967	543
2017	4	76520		1	18		19	1,4754		25959	383
2017	4	76892		1	18		19	0,9458		13533	128
2017	4	5212		1	18		19	1,4826		6745	100
2017	4	73449		1	18		19	1,1902		8402	100
2017	4	68547		1	18		19	1,4857		17164	255
2017	4	41551		1	18		19	1,2175		40083	488
2017	4	76147		1	18		19	0,8522		16662	142
2017	4	25269		1	18		19	1,7387		23351	406
2017	4	76834		1	18		19	0,8944		14312	128
2017	4	76109		1	18		19	1,0037		36365	365
2017	4	52835		1	18		19	1,8235		26104	476
2017	4	5266		1	18		19	1,6225		10786	175
2017	4	25899		1	18		19	1,3308		22242	296
2017	4	20400		1	18		19	1,7784		9953	177
2017	4	54498		1	18		19	0,9095		22541	205
2017	4	20011		1	18		19	1,4388		15152	218
2017	4	44430		1	18		20	3,4106		17592	600
2017	4	44560		1	18		20	2,553		5993	153
2017	4	44847		1	18		20	4,069		20914	851
2017	4	73001	7300105	1	19	9		0,8703		5056	44
2017	4	73001		1	19	9		1,0631		90869	966
2017	4	73001	7300110	1	19	9		0,5627		10662	60
2017	4	73001	7300111	1	19	9		0,7752		2193	17
2017	4	73001	7300112	1	19	9		0,9357		3206	30
2017	4	73001	7300113	1	19	9		1,2008		1499	18
2017	4	73001	7300106	1	19	9		0,9466		3803	36
2017	4	73001	7300107	1	19	9		0,9884		6981	69
2017	4	73001	7300108	1	19	9		1,1162		7884	88
2017	4	73001	7300109	1	19	9		1,574		14231	224
2017	4	73001	7300102	1	19	9		0,7285		1510	11
2017	4	73001	7300103	1	19	9		0,3872		5423	21
2017	4	73001	7300104	1	19	9		0,677		5465	37
2017	4	70001		1	19	9		0,8297		62434	518
2017	4	73001	7300101	1	19	9		0,9177		12205	112
2017	4	11001	1100112	1	19	10		1,2189		43234	527
2017	4	11001	1100102	1	19	10		1,0002		65284	653
2017	4	11001	1100117	1	19	10		1,3973		16102	225
2017	4	11001	1100106	1	19	10		0,9249		26382	244
2017	4	11001	1100113	1	19	10		1,8199		41706	759
2017	4	11001	1100118	1	19	10		1,1398		41588	474
2017	4	11001	1100110	1	19	10		0,8001		96366	771
2017	4	11001	1100109	1	19	10		0,8647		69618	602
2017	4	11001	1100114	1	19	10		0,8712		34552	301
2017	4	11001	1100103	1	19	10		1,8585		42561	791
2017	4	11001	1100111	1	19	10		0,921		114119	1051
2017	4	11001	1100105	1	19	10		0,7902		34550	273
2017	4	11001	1100108	1	19	10		0,8084		136203	1101
2017	4	11001	1100101	1	19	10		0,9547		75728	723
2017	4	68001	6800108	1	19	10		2,3307		901	21
2017	4	68001	6800116	1	19	10		1,999		2001	40
2017	4	68001	6800112	1	19	10		0,5034		10132	51
2017	4	11001	1100107	1	19	10		0,8218		73986	608
2017	4	68001	6800104	1	19	10		0,4245		6125	26
2017	4	68001	6800107	1	19	10		0,2028		986	2
2017	4	68001	6800106	1	19	10		2,2302		4753	106
2017	4	68001	6800105	1	19	10		2,2206		4053	90
2017	4	68001	6800103	1	19	10		0,5029		8351	42
2017	4	68001	6800101	1	19	10		0,4918		4270	21
2017	4	68001	6800115	1	19	10		0,3527		7656	27
2017	4	68001	6800113	1	19	10		0,5171		10249	53



## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	68001	6800110	1	19	10		0,9682		3305	32
2017	4	8001	800101	1	19	10		1,0261		23000	236
2017	4	8001	800104	1	19	10		0,5207		59537	310
2017	4	68001	6800111	1	19	10		0,7262		4544	33
2017	4	68001	6800117	1	19	10		0,7136		2102	15
2017	4	5001	500106	1	19	10		1,0333		8613	89
2017	4	5001	500111	1	19	10		0,7494		24685	185
2017	4	8001	800105	1	19	10		0,6447		12098	78
2017	4	8001	800103	1	19	10		0,9713		25225	245
2017	4	8001	800102	1	19	10		1,3471		15812	213
2017	4	5001	500102	1	19	10		1,2451		9638	120
2017	4	5001	500109	1	19	10		1,4772		8056	119
2017	4	5001	500110	1	19	10		0,7842		56111	440
2017	4	5001	500108	1	19	10		1,4218		11605	165
2017	4	5001	500103	1	19	10		0,9535		9754	93
2017	4	5001	500114	1	19	10		0,8566		22298	191
2017	4	5001	500112	1	19	10		0,9796		6533	64
2017	4	5001	500113	1	19	10		1,2574		8828	111
2017	4	5001	500107	1	19	10		1,1081		18680	207
2017	4	5001	500104	1	19	10		1,4179		17138	243
2017	4	5001	500105	1	19	10		1,3363		16389	219
2017	4	5001	500115	1	19	10		0,7921		14393	114
2017	4	13001	1300102	1	19	10		0,8727		46521	406
2017	4	13001	1300103	1	19	10		0,874		45425	397
2017	4	13001	1300101	1	19	10		0,8412		64074	539
2017	4	5001	500116	1	19	10		1,082		14787	160
2017	4	5001	500101	1	19	10		0,8136		7129	58
2017	4	66001		1	19	10		1,0931		64681	707
2017	4	63001		1	19	10		0,5805		41860	243
2017	4	68001		1	19	10		0,8141		70632	575
2017	4	76001		1	19	10		0,8526		192714	1643
2017	4	17001		1	19	10		1,012		77763	787
2017	4	8001		1	19	10		0,8015		137741	1104
2017	4	5001		1	19	10		1,043		266633	2781
2017	4	11001		1	19	10		0,998	0,5161	1089490	10873
2017	4	13001		1	19	10		0,8601		156020	1342
2017	4	76001	7600121	1	19	10		0,777		3475	27
2017	4	76001	7600122	1	19	10		1,8526		4696	87
2017	4	76001	7600117	1	19	10		0,9545		14143	135
2017	4	76001	7600118	1	19	10		0,8381		8472	71
2017	4	76001	7600119	1	19	10		0,9409		20087	189
2017	4	76001	7600120	1	19	10		0,5244		1907	10
2017	4	76001	7600113	1	19	10		0,8646		8906	77
2017	4	76001	7600114	1	19	10		1,0424		10840	113
2017	4	76001	7600115	1	19	10		0,9078		5728	52
2017	4	76001	7600116	1	19	10		0,9092		6489	59
2017	4	76001	7600108	1	19	10		0,9042		7963	72
2017	4	76001	7600109	1	19	10		0,6033		7459	45
2017	4	76001	7600110	1	19	10		0,6815		7043	48
2017	4	76001	7600111	1	19	10		1,2129		6596	80
2017	4	76001	7600112	1	19	10		1,175		1617	19
2017	4	76001	7600104	1	19	10		0,3535		8487	30
2017	4	76001	7600105	1	19	10		0,5013		6384	32
2017	4	76001	7600106	1	19	10		1,0127		6221	63
2017	4	76001	7600107	1	19	10		0,7701		5194	40
2017	4	11001	1100119	1	19	10		0,9627		59107	569
2017	4	76001	7600101	1	19	10		0,5685		3342	19
2017	4	76001	7600102	1	19	10		0,6302		25388	160
2017	4	76001	7600103	1	19	10		0,5338		16112	86
2017	4	11001	1100116	1	19	10		0,8628		55633	480
2017	4	11001	1100104	1	19	10		1,3272		43173	573
2017	4	11001	1100115	1	19	10		0,7552		19598	148
2017	4	15491		1	19		18	1,6225		2527	41
2017	4	15238		1	19		18	0,9127		30788	281
2017	4	15001		1	19	18		0,8584		40190	345
2017	4	15759		1	19		18	0,7453		37166	277
2017	4	85001		1	19	18		1,2921		53557	692
2017	4	15572		1	19		18	1,3894		12811	178
2017	4	20400		1	19		19	1,6201		9814	159
2017	4	54498		1	19		19	0,8959		22770	204
2017	4	20011		1	19		19	1,3979		15380	215
2017	4	44560		1	19		19	1,6288		7183	117
2017	4	66170		1	19		19	0,6435		22068	142
2017	4	25126		1	19		19	1,9797		15305	303
2017	4	18001		1	19	19		0,9491		42670	405
2017	4	44001		1	19	19		1,3804		26297	363
2017	4	50001		1	19	19		1,1113		101769	1131
2017	4	81001		1	19	19		0,9869		24117	238
2017	4	88001		2	19	19		1,1853		5737	68





## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	23001		1	19	19		1,4828		109321	1621
2017	4	41001		1	19	19		1,2853		56406	725
2017	4	19001		1	19	19		0,7458		68250	509
2017	4	47001		1	19	19		0,7727		45167	349
2017	4	52001		1	19	19		1,4058		65584	922
2017	4	20001		1	19	19		1,3447		59344	798
2017	4	27001		2	19	19		4,7141		38883	1833
2017	4	95001		2	19	19		0,5872		9878	58
2017	4	54001		1	19	19		1,1217		95033	1066
2017	4	86001		2	19	19		1,71		14561	249
2017	4	54001	5400107	1	19	19		0,66		13637	90
2017	4	54001	5400109	1	19	19		1,2997		9002	117
2017	4	54001	5400102	1	19	19		0,9057		5852	53
2017	4	54001	5400104	1	19	19		0,6285		5569	35
2017	4	54001	5400110	1	19	19		1,3688		4968	68
2017	4	54001	5400108	1	19	19		1,2084		16799	203
2017	4	54001	5400105	1	19	19		0,7376		6643	49
2017	4	54001	5400103	1	19	19		1,3728		5973	82
2017	4	54001	5400106	1	19	19		0,9487		11806	112
2017	4	54001	5400101	1	19	19		0,7588		8566	65
2017	4	25754		1	19		19	1,1153		82131	916
2017	4	17380		1	19		19	0,9373		14936	140
2017	4	5318		1	19		19	0,9773		10130	99
2017	4	25290		1	19		19	1,5762		23918	377
2017	4	5607		1	19		19	0,7746		2840	22
2017	4	44430		1	19		19	1,3692		23663	324
2017	4	68276		1	19		19	1,3197		23111	305
2017	4	54405		1	19		19	0,9289		10658	99
2017	4	68307		1	19		19	1,2892		18927	244
2017	4	25817		1	19		19	0,7709		9859	76
2017	4	5380		1	19		19	1,1546		9181	106
2017	4	50001	5000105	1	19	19		0,8118		18600	151
2017	4	50001	5000106	1	19	19		0,6248		3521	22
2017	4	50001	5000107	1	19	19		0,8811		12144	107
2017	4	50001	5000108	1	19	19		0,9729		9045	88
2017	4	50001	5000101	1	19	19		1,2285		6756	83
2017	4	50001	5000102	1	19	19		1,2299		7724	95
2017	4	50001	5000103	1	19	19		0,6374		7844	50
2017	4	50001	5000104	1	19	19		0,8117		11334	92
2017	4	5045		1	19		19	0,7193		24886	179
2017	4	5631		1	19		19	1,8466		4982	92
2017	4	68679		1	19		19	0,8765		6731	59
2017	4	25214		1	19		19	1,3117		4498	59
2017	4	68081		1	19		19	1,279		32447	415
2017	4	25430		1	19		19	1,2041		20845	251
2017	4	76111		1	19		19	0,9163		7858	72
2017	4	5360		1	19		19	1,6825		23537	396
2017	4	25758		1	19		19	1,756		4271	75
2017	4	25307		1	19		19	1,2119		17906	217
2017	4	25377		1	19		19	1,1478		5837	67
2017	4	8573		1	19		19	1,1717		4950	58
2017	4	85410		1	19		19	0,8997		5780	52
2017	4	25175		1	19		19	1,2053		21572	260
2017	4	54874		1	19		19	1,1949		10461	125
2017	4	50568		1	19		19	2,799		8753	245
2017	4	25286		1	19		19	1,8306		21742	398
2017	4	25473		1	19		19	1,4042		16379	230
2017	4	52356		1	19		19	1,1542		12649	146
2017	4	5308		1	19		19	1,1345		7140	81
2017	4	25799		1	19		19	1,353		5839	79
2017	4	5615		1	19		19	1,4732		27084	399
2017	4	5129		1	19		19	1,36		11544	157
2017	4	50006		1	19		19	1,5871		22998	365
2017	4	44847		1	19		19	1,054		22865	241
2017	4	5088		1	19		19	1,6685		44351	740
2017	4	5837		1	19		19	2,1606		27353	591
2017	4	76130		1	19		19	1,1188		12156	136
2017	4	76364		1	19		19	1,6292		19887	324
2017	4	73268		1	19		19	1,2106		16851	204
2017	4	5376		1	19		19	1,4361		14901	214
2017	4	8758		1	19		19	1,4766		42802	632
2017	4	76520		1	19		19	1,5385		25934	399
2017	4	76892		1	19		19	1,2655		12880	163
2017	4	5212		1	19		19	1,3272		7158	95
2017	4	68547		1	19		19	1,9502		17639	344
2017	4	41551		1	19		19	1,204		36960	445
2017	4	76147		1	19		19	0,7902		17464	138
2017	4	25269		1	19		19	1,5953		24510	391
2017	4	76834		1	19		19	1,2477		13385	167



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC. LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM. TERM. NO_INT_USU
2017	4	76109		1	19		19	0,8819		33679	297
2017	4	52835		1	19		19	1,9103		25336	484
2017	4	73449		1	19		19	1,3798		8117	112
2017	4	5266		1	19		19	1,4552		11064	161
2017	4	25899		1	19		19	1,4009		21986	308
2017	4	54001		1	20	9		0,9039		107754	974
2017	4	54001	5400107	1	20	9		0,7337		12539	92
2017	4	54001	5400109	1	20	9		1,0034		7674	77
2017	4	54001	5400102	1	20	9		0,6886		8859	61
2017	4	54001	5400110	1	20	9		1,454		4608	67
2017	4	54001	5400104	1	20	9		0,8998		5668	51
2017	4	54001	5400105	1	20	9		0,8226		9361	77
2017	4	54001	5400103	1	20	9		1,4935		5959	89
2017	4	54001	5400106	1	20	9		0,7545		13254	100
2017	4	54001	5400101	1	20	9		0,4693		19602	92
2017	4	54001	5400108	1	20	9		0,95		13684	130
2017	4	76001	7600115	1	20	10		0,6547		5957	39
2017	4	76001	7600116	1	20	10		0,8745		6632	58
2017	4	76001	7600109	1	20	10		0,5483		7660	42
2017	4	76001	7600110	1	20	10		0,8435		7587	64
2017	4	76001	7600111	1	20	10		1,1471		7061	81
2017	4	76001	7600112	1	20	10		1,2837		1558	20
2017	4	76001	7600104	1	20	10		0,3046		8536	26
2017	4	76001	7600105	1	20	10		0,3666		6547	24
2017	4	76001	7600106	1	20	10		0,9058		6293	57
2017	4	76001	7600107	1	20	10		0,4843		4956	24
2017	4	76001	7600108	1	20	10		0,7455		7914	59
2017	4	11001	1100119	1	20	10		1,1471		57102	655
2017	4	76001	7600101	1	20	10		1,0958		2829	31
2017	4	76001	7600102	1	20	10		0,4139		24400	101
2017	4	76001	7600103	1	20	10		0,3984		17571	70
2017	4	11001	1100116	1	20	10		0,7672		55529	426
2017	4	11001	1100104	1	20	10		5,6026		45068	2525
2017	4	11001	1100115	1	20	10		0,7754		19861	154
2017	4	73001	7300105	1	20	10		1,1272		4702	53
2017	4	73001	7300101	1	20	10		0,5914		13359	79
2017	4	11001	1100112	1	20	10		0,6685		43084	288
2017	4	11001	1100102	1	20	10		0,8079		64366	520
2017	4	11001	1100117	1	20	10		1,0636		15231	162
2017	4	11001	1100106	1	20	10		0,8561		26048	223
2017	4	11001	1100113	1	20	10		0,8995		39020	351
2017	4	11001	1100118	1	20	10		1,1509		42402	488
2017	4	11001	1100110	1	20	10		0,8419		99057	834
2017	4	11001	1100109	1	20	10		0,6528		68624	448
2017	4	11001	1100114	1	20	10		0,9159		35594	326
2017	4	11001	1100103	1	20	10		1,5448		38775	599
2017	4	11001	1100111	1	20	10		0,9648		110692	1068
2017	4	11001	1100105	1	20	10		0,8487		34525	293
2017	4	11001	1100108	1	20	10		0,8237		133297	1098
2017	4	11001	1100101	1	20	10		0,9783		76356	747
2017	4	68001	6800108	1	20	10		1,4192		916	13
2017	4	68001	6800116	1	20	10		1,9177		2138	41
2017	4	68001	6800112	1	20	10		0,5521		9780	54
2017	4	11001	1100107	1	20	10		0,692		69940	484
2017	4	68001	6800104	1	20	10		0,8792		6142	54
2017	4	68001	6800107	1	20	10		0,4069		983	4
2017	4	68001	6800106	1	20	10		0,9604		4894	47
2017	4	68001	6800105	1	20	10		2,0278		4241	86
2017	4	68001	6800103	1	20	10		0,7232		8435	61
2017	4	68001	6800101	1	20	10		0,9346		4066	38
2017	4	68001	6800115	1	20	10		0,3468		7208	25
2017	4	68001	6800113	1	20	10		0,491		10590	52
2017	4	68001	6800110	1	20	10		0,9443		3283	31
2017	4	8001	800101	1	20	10		1,1381		22143	252
2017	4	8001	800104	1	20	10		0,6113		57910	354
2017	4	68001	6800111	1	20	10		0,6912		5208	36
2017	4	68001	6800117	1	20	10		1,0284		2042	21
2017	4	8001	800105	1	20	10		0,8835		12111	107
2017	4	8001	800103	1	20	10		0,8794		25357	223
2017	4	8001	800102	1	20	10		1,2463		17733	221
2017	4	73001	7300110	1	20	10		0,4301		10695	46
2017	4	73001	7300111	1	20	10		0,6536		2295	15
2017	4	73001	7300112	1	20	10		0,6113		3108	19
2017	4	73001	7300113	1	20	10		0,6916		2458	17
2017	4	73001	7300106	1	20	10		0,5866		3921	23
2017	4	73001	7300107	1	20	10		1,339		7095	95
2017	4	73001	7300108	1	20	10		1,1419		7531	86
2017	4	73001	7300109	1	20	10		1,7115		14841	254
2017	4	73001	7300102	1	20	10		0,0626		1598	1



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	73001	7300103	1	20	10		0,4971		5633	28
2017	4	73001	7300104	1	20	10		0,4711		5943	28
2017	4	63001		1	20	10		0,6076		40815	248
2017	4	11001		1	20	10		1,0878	0,7937	1074571	11689
2017	4	70001		1	20	10		0,8425		60419	509
2017	4	17001		1	20	10		0,9435		59143	558
2017	4	8001		1	20	10		0,8602		137404	1182
2017	4	68001		1	20	10		0,8111		70890	575
2017	4	73001		1	20	10		0,9695		92004	892
2017	4	76001		1	20	10		0,7521		195195	1468
2017	4	66001		1	20	10		1,0898		63863	696
2017	4	76001	7600121	1	20	10		0,9629		3531	34
2017	4	76001	7600122	1	20	10		1,8654		5039	94
2017	4	76001	7600117	1	20	10		0,9609		14154	136
2017	4	76001	7600118	1	20	10		0,574		8362	48
2017	4	76001	7600119	1	20	10		0,6476		20538	133
2017	4	76001	7600120	1	20	10		0,765		1830	14
2017	4	76001	7600113	1	20	10		0,852		9507	81
2017	4	76001	7600114	1	20	10		1,1202		10445	117
2017	4	15491		1	20		18	1,5597		2821	44
2017	4	15238		1	20		18	0,8296		32425	269
2017	4	85410		1	20		18	0,9274		6685	62
2017	4	15001		1	20	18		0,8075		41239	333
2017	4	15759		1	20		18	0,9639		37658	363
2017	4	85001		1	20	18		1,1345		53770	610
2017	4	81001		1	20	18		1,1307		29363	332
2017	4	15572		1	20		18	1,2667		13579	172
2017	4	25754		1	20		19	1,2185		80922	986
2017	4	17380		1	20		19	1,04		14711	153
2017	4	5318		1	20		19	1,1468		9766	112
2017	4	25290		1	20		19	1,6462		22658	373
2017	4	5607		1	20		19	0,5433		2945	16
2017	4	44430		1	20		19	1,3587		25023	340
2017	4	68276		1	20		19	1,3427		22566	303
2017	4	54405		1	20		19	1,3445		10487	141
2017	4	68307		1	20		19	1,7681		17929	317
2017	4	25817		1	20		19	0,5795		9664	56
2017	4	5380		1	20		19	1,0406		9610	100
2017	4	50001	5000105	1	20	19		0,7706		19724	152
2017	4	50001	5000106	1	20	19		0,6597		3941	26
2017	4	50001	5000107	1	20	19		0,8047		12552	101
2017	4	50001	5000108	1	20	19		1,1321		9098	103
2017	4	50001	5000101	1	20	19		1,1678		6080	71
2017	4	50001	5000102	1	20	19		1,034		8027	83
2017	4	50001	5000103	1	20	19		0,6981		8595	60
2017	4	50001	5000104	1	20	19		0,8624		11712	101
2017	4	5045		1	20		19	0,7099		23665	168
2017	4	5631		1	20		19	1,6403		5060	83
2017	4	68679		1	20		19	6,3841		9132	583
2017	4	25214		1	20		19	1,8357		4358	80
2017	4	68081		1	20		19	1,1261		32767	369
2017	4	25430		1	20		19	1,2711		20219	257
2017	4	76111		1	20		19	1,1685		7959	93
2017	4	50568		1	20		19	1,814		7001	127
2017	4	5360		1	20		19	1,9493		23701	462
2017	4	25758		1	20		19	1,8406		4129	76
2017	4	25307		1	20		19	1,0773		17915	193
2017	4	25377		1	20		19	0,9053		6186	56
2017	4	8573		1	20		19	1,1644		6355	74
2017	4	25175		1	20		19	1,5265		21028	321
2017	4	54874		1	20		19	1,202		10732	129
2017	4	25286		1	20		19	1,7887		21915	392
2017	4	25473		1	20		19	1,5599		16411	256
2017	4	52356		1	20		19	0,9515		12402	118
2017	4	5308		1	20		19	1,0511		6660	70
2017	4	25799		1	20		19	1,4352		5365	77
2017	4	5615		1	20		19	1,4783		27666	409
2017	4	5129		1	20		19	1,3046		12264	160
2017	4	50006		1	20		19	1,1548		21736	251
2017	4	44847		1	20		19	1,1003		23630	260
2017	4	5088		1	20		19	1,4874		44239	658
2017	4	5837		1	20		19	1,6501		28120	464
2017	4	76130		1	20		19	1,5903		10124	161
2017	4	76364		1	20		19	1,514		18362	278
2017	4	73268		1	20		19	1,056		16098	170
2017	4	5376		1	20		19	1,3793		15008	207
2017	4	8758		1	20		19	1,358		43003	584
2017	4	76520		1	20		19	1,6058		25345	407
2017	4	76892		1	20		19	1,3657		12814	175



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	5212		1	20		19	1,0728		6898	74
2017	4	73449		1	20		19	1,1265		8611	97
2017	4	68547		1	20		19	1,68		16726	281
2017	4	41551		1	20		19	1,1625		38451	447
2017	4	76147		1	20		19	0,9196		15767	145
2017	4	25269		1	20		19	1,6962		22992	390
2017	4	76834		1	20		19	1,269		12845	163
2017	4	76109		1	20		19	0,9583		31097	298
2017	4	52835		1	20		19	1,7523		26593	466
2017	4	5266		1	20		19	1,5639		11382	178
2017	4	25899		1	20		19	1,5044		21604	325
2017	4	20400		1	20		19	1,3745		9385	129
2017	4	54498		1	20		19	0,8756		22042	193
2017	4	20011		1	20		19	1,1724		14500	170
2017	4	44560		1	20		19	1,4372		7584	109
2017	4	66170		1	20		19	0,8039		20650	166
2017	4	25126		1	20		19	1,859		16084	299
2017	4	5001	500111	1	20	19		1,4293		14203	203
2017	4	5001	500102	1	20	19		1,3136		16519	217
2017	4	5001	500109	1	20	19		1,9652		11195	220
2017	4	5001	500110	1	20	19		1,0212		26439	270
2017	4	5001	500108	1	20	19		1,6703		16045	268
2017	4	5001	500106	1	20	19		1,0897		13123	143
2017	4	5001	500103	1	20	19		1,2395		15329	190
2017	4	5001	500114	1	20	19		1,1038		9875	109
2017	4	5001	500112	1	20	19		1,7088		5267	90
2017	4	5001	500113	1	20	19		1,7661		12287	217
2017	4	5001	500107	1	20	19		1,6412		24250	398
2017	4	5001	500104	1	20	19		1,778		17998	320
2017	4	5001	500105	1	20	19		1,6919		18263	309
2017	4	5001	500115	1	20	19		1,1829		7693	91
2017	4	13001	1300102	1	20	19		1,0069		44394	447
2017	4	13001	1300103	1	20	19		1,1508		46316	533
2017	4	13001	1300101	1	20	19		1,0378		41145	427
2017	4	5001	500116	1	20	19		1,1119		13760	153
2017	4	5001	500101	1	20	19		0,8935		11528	103
2017	4	47001		1	20	19		0,7316		43192	316
2017	4	41001		1	20	19		1,1764		57121	672
2017	4	19001		1	20	19		0,7683		68595	527
2017	4	13001		1	20	19		1,0671		131855	1407
2017	4	50001		1	20	19		1,0536		104123	1097
2017	4	52001		1	20	19		1,4882		64976	967
2017	4	95001		2	20	19		0,6856		9043	62
2017	4	44001		1	20	19		1,3807		26509	366
2017	4	20001		1	20	19		1,5463		57879	895
2017	4	27001		2	20	19		1,1422		39048	446
2017	4	23001		1	20	19		1,6041		111401	1787
2017	4	5001		1	20	19		1,4471		249403	3609
2017	4	86001		2	20	19		1,5319		14557	223
2017	4	18001		1	20	19		0,8365		42200	353
2017	4	88001		2	20	20		0,9595		5211	50
2017	4	8001	800101	1	21	10		1,5707		21583	339
2017	4	8001	800104	1	21	10		0,7822		62132	486
2017	4	68001	6800111	1	21	10		0,4832		3932	19
2017	4	68001	6800117	1	21	10		1,1811		2032	24
2017	4	8001	800105	1	21	10		1,2306		13571	167
2017	4	8001	800103	1	21	10		0,8775		26553	233
2017	4	8001	800102	1	21	10		1,5176		17660	268
2017	4	73001	7300110	1	21	10		0,4634		10789	50
2017	4	73001	7300111	1	21	10		0,5925		2363	14
2017	4	73001	7300112	1	21	10		0,6476		2934	19
2017	4	73001	7300113	1	21	10		0,4963		2418	12
2017	4	73001	7300106	1	21	10		0,6602		3787	25
2017	4	73001	7300107	1	21	10		1,4751		6779	100
2017	4	73001	7300108	1	21	10		1,1995		7753	93
2017	4	73001	7300109	1	21	10		1,449		15459	224
2017	4	73001	7300102	1	21	10		0,7798		1667	13
2017	4	73001	7300103	1	21	10		0,4521		5530	25
2017	4	73001	7300104	1	21	10		0,7086		5645	40
2017	4	73001	7300105	1	21	10		1,1016		4811	53
2017	4	73001	7300101	1	21	10		0,5628		12971	73
2017	4	41001		1	21	10		1,1027		67108	740
2017	4	17001		1	21	10		0,6719		57149	384
2017	4	73001		1	21	10		0,9587		92420	886
2017	4	66001		1	21	10		1,017		65391	665
2017	4	63001		1	21	10		0,5838		41792	244
2017	4	8001		1	21	10		1,0566		143761	1519
2017	4	68001		1	21	10		0,9327		70121	654
2017	4	76001		1	21	10		0,8944		198114	1772



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	76001	7600121	1	21	10		0,7269		3164	23
2017	4	76001	7600122	1	21	10		1,8355		4631	85
2017	4	76001	7600117	1	21	10		1,0403		14707	153
2017	4	76001	7600118	1	21	10		0,4112		8997	37
2017	4	76001	7600119	1	21	10		0,7815		20858	163
2017	4	76001	7600120	1	21	10		0,594		1852	11
2017	4	76001	7600113	1	21	10		0,6257		9590	60
2017	4	76001	7600114	1	21	10		0,9636		10897	105
2017	4	76001	7600115	1	21	10		0,7405		5402	40
2017	4	76001	7600116	1	21	10		1,1409		6837	78
2017	4	76001	7600109	1	21	10		0,9637		7264	70
2017	4	76001	7600110	1	21	10		0,732		7514	55
2017	4	76001	7600111	1	21	10		1,261		7137	90
2017	4	76001	7600112	1	21	10		1,748		1659	29
2017	4	76001	7600104	1	21	10		0,2965		9107	27
2017	4	76001	7600105	1	21	10		0,4956		6659	33
2017	4	76001	7600106	1	21	10		0,7526		6511	49
2017	4	76001	7600107	1	21	10		0,3873		5422	21
2017	4	76001	7600108	1	21	10		0,6758		8435	57
2017	4	76001	7600101	1	21	10		5,4712		3162	173
2017	4	76001	7600102	1	21	10		0,4615		24267	112
2017	4	76001	7600103	1	21	10		0,7421		17519	130
2017	4	68001	6800108	1	21	10		0,8037		871	7
2017	4	68001	6800116	1	21	10		2,5383		2088	53
2017	4	68001	6800112	1	21	10		0,3418		9654	33
2017	4	68001	6800107	1	21	10		0,541		1294	7
2017	4	68001	6800106	1	21	10		0,5077		4530	23
2017	4	68001	6800105	1	21	10		2,8558		4132	118
2017	4	68001	6800103	1	21	10		0,9532		8393	80
2017	4	68001	6800101	1	21	10		0,6039		4305	26
2017	4	68001	6800115	1	21	10		0,6271		7335	46
2017	4	68001	6800113	1	21	10		0,7208		10127	73
2017	4	68001	6800110	1	21	10		1,1587		3711	43
2017	4	68001	6800104	1	21	10		1,153		6678	77
2017	4	11001	1100101	1	21	17		0,9677		68098	659
2017	4	11001	1100119	1	21	17		1,1464		65594	752
2017	4	11001	1100105	1	21	17		0,7393		37063	274
2017	4	11001	1100111	1	21	17		1,2766		155019	1979
2017	4	11001	1100102	1	21	17		1,0105		66403	671
2017	4	11001	1100103	1	21	17		1,3467		45594	614
2017	4	11001	1100114	1	21	17		1,9042		68480	1304
2017	4	11001	1100109	1	21	17		1,4204		93920	1334
2017	4	11001	1100110	1	21	17		1,1545		131663	1520
2017	4	11001	1100118	1	21	17		1,2728		45960	585
2017	4	11001	1100113	1	21	17		1,7763		65981	1172
2017	4	11001	1100106	1	21	17		0,8727		28418	248
2017	4	11001	1100117	1	21	17		1,0091		14765	149
2017	4	11001	1100112	1	21	17		0,7311		40488	296
2017	4	11001	1100115	1	21	17		0,9425		20478	193
2017	4	11001	1100104	1	21	17		6,3811		47045	3002
2017	4	11001	1100116	1	21	17		1,6548		120677	1997
2017	4	11001		1	21	17		1,4491	0,4329	1372153	19884
2017	4	11001	1100107	1	21	17		0,7107		79073	562
2017	4	11001	1100108	1	21	17		1,4501		177434	2573
2017	4	15001		1	21	18		0,9123		41651	380
2017	4	85001		1	21	18		1,3244		57383	760
2017	4	25817		1	21	18		0,6421		11837	76
2017	4	25290		1	21	18		1,3651		27030	369
2017	4	25754		1	21	18		0,941		89693	844
2017	4	25126		1	21	18		1,7344		18335	318
2017	4	25269		1	21	18		1,3928		27284	380
2017	4	25899		1	21	18		1,1107		33491	372
2017	4	25286		1	21	18		1,6544		26837	444
2017	4	25799		1	21	18		1,6789		7624	128
2017	4	25473		1	21	18		1,4124		19824	280
2017	4	25175		1	21	18		1,4354		37900	544
2017	4	85410		1	21	18		0,9124		6247	57
2017	4	25377		1	21	18		1,534		7236	111
2017	4	25307		1	21	18		1,0431		20516	214
2017	4	25758		1	21	18		1,8349		5559	102
2017	4	25214		1	21	18		1,8415		16345	301
2017	4	25430		1	21	18		1,2271		24530	301
2017	4	5001		1	21	19		1,5188		247832	3764
2017	4	81001		1	21	19		0,8849		26217	232
2017	4	50001		1	21	19		1,3437		109847	1476
2017	4	13001		1	21	19		0,9792		139099	1362
2017	4	20001		1	21	19		1,3293		64393	856
2017	4	54001		1	21	19		1,1616		99603	1157
2017	4	88001		2	21	19		0,6162		6167	38



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	95001		2	21	19		0,9364		10572	99
2017	4	47001		1	21	19		1,1231		48792	548
2017	4	52001		1	21	19		1,4386		70000	1007
2017	4	70001		1	21	19		0,977		53841	526
2017	4	27001		2	21	19		0,9654		41021	396
2017	4	18001		1	21	19		0,8734		43509	380
2017	4	19001		1	21	19		0,7397		77056	570
2017	4	23001		1	21	19		1,3264		116631	1547
2017	4	86001		2	21	19		1,4081		14701	207
2017	4	44001		1	21	19		1,3226		28958	383
2017	4	54001	5400107	1	21	19		0,7608		13932	106
2017	4	54001	5400109	1	21	19		1,0963		9213	101
2017	4	54001	5400102	1	21	19		1,2718		6133	78
2017	4	54001	5400110	1	21	19		1,2883		5356	69
2017	4	54001	5400108	1	21	19		1,1766		17508	206
2017	4	54001	5400105	1	21	19		1,0828		7019	76
2017	4	54001	5400103	1	21	19		1,1511		6342	73
2017	4	54001	5400106	1	21	19		1,0689		12911	138
2017	4	54001	5400101	1	21	19		0,6369		8793	56
2017	4	54001	5400104	1	21	19		0,9843		5588	55
2017	4	5001	500111	1	21	19		1,4583		10423	152
2017	4	5001	500102	1	21	19		1,4397		17643	254
2017	4	5001	500109	1	21	19		1,8256		11065	202
2017	4	5001	500110	1	21	19		1,1118		26983	300
2017	4	5001	500108	1	21	19		1,4833		15439	229
2017	4	5001	500106	1	21	19		1,8283		12635	231
2017	4	5001	500103	1	21	19		1,3773		15901	219
2017	4	5001	500114	1	21	19		1,0891		9916	108
2017	4	5001	500112	1	21	19		1,6212		5428	88
2017	4	5001	500113	1	21	19		1,6672		12836	214
2017	4	5001	500107	1	21	19		1,5285		24011	367
2017	4	5001	500104	1	21	19		1,8554		18540	344
2017	4	5001	500105	1	21	19		1,8255		18022	329
2017	4	5001	500115	1	21	19		1,6474		7770	128
2017	4	13001	1300103	1	21	19		1,0713		47700	511
2017	4	13001	1300101	1	21	19		0,8781		45212	397
2017	4	5001	500116	1	21	19		1,1139		13556	151
2017	4	5001	500101	1	21	19		0,9737		12119	118
2017	4	13001	1300102	1	21	19		0,983		46187	454
2017	4	50001	5000106	1	21	19		0,754		3979	30
2017	4	50001	5000107	1	21	19		0,7811		12803	100
2017	4	50001	5000108	1	21	19		0,9952		9345	93
2017	4	50001	5000101	1	21	19		1,006		6461	65
2017	4	50001	5000102	1	21	19		1,2541		8851	111
2017	4	50001	5000103	1	21	19		3,1376		9689	304
2017	4	50001	5000104	1	21	19		0,672		12352	83
2017	4	50001	5000105	1	21	19		0,8379		21362	179
2017	4	5045		1	21		19	0,6453		26965	174
2017	4	5631		1	21		19	1,3642		5278	72
2017	4	68679		1	21		19	0,9204		8475	78
2017	4	68081		1	21		19	1,2379		35866	444
2017	4	15238		1	21		19	0,999		27628	276
2017	4	76111		1	21		19	1,105		8235	91
2017	4	5360		1	21		19	2,0017		25328	507
2017	4	54874		1	21		19	0,9677		11160	108
2017	4	50568		1	21		19	2,0556		8854	182
2017	4	52356		1	21		19	0,7531		13809	104
2017	4	5308		1	21		19	0,8177		7215	59
2017	4	8573		1	21		19	1,0357		5407	56
2017	4	5615		1	21		19	1,381		29400	406
2017	4	5129		1	21		19	1,1207		12224	137
2017	4	50006		1	21		19	1,2435		22839	284
2017	4	44847		1	21		19	1,201		24895	299
2017	4	15572		1	21		19	2,0337		12539	255
2017	4	5088		1	21		19	1,8122		48781	884
2017	4	5837		1	21		19	1,7509		30785	539
2017	4	76130		1	21		19	1,3427		10799	145
2017	4	76364		1	21		19	1,4004		20709	290
2017	4	73268		1	21		19	0,8877		17236	153
2017	4	5376		1	21		19	1,3319		16218	216
2017	4	8758		1	21		19	1,3515		45357	613
2017	4	76520		1	21		19	1,3879		26947	374
2017	4	76892		1	21		19	1,1799		14238	168
2017	4	5212		1	21		19	1,6013		7369	118
2017	4	68547		1	21		19	1,7096		18718	320
2017	4	41551		1	21		19	1,1081		40789	452
2017	4	15759		1	21		19	0,9384		32290	303
2017	4	76147		1	21		19	0,8286		17137	142
2017	4	76834		1	21		19	1,306		15314	200



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	76109		1	21		19	0,9714		33251	323
2017	4	52835		1	21		19	1,8099		26908	487
2017	4	73449		1	21		19	1,2688		8985	114
2017	4	20400		1	21		19	1,4626		9914	145
2017	4	54498		1	21		19	0,8332		24725	206
2017	4	20011		1	21		19	1,4896		15709	234
2017	4	44560		1	21		19	1,4835		7752	115
2017	4	66170		1	21		19	0,5868		22837	134
2017	4	5266		1	21		19	1,707		11775	201
2017	4	17380		1	21		19	0,8708		15159	132
2017	4	5318		1	21		19	1,1395		10268	117
2017	4	5607		1	21		19	1,7768		3208	57
2017	4	44430		1	21		19	1,1047		26432	292
2017	4	68276		1	21		19	1,2265		23971	294
2017	4	54405		1	21		19	0,7272		11276	82
2017	4	68307		1	21		19	1,3377		21156	283
2017	4	15491		1	21		19	1,626		2460	40
2017	4	5380		1	21		19	1,2514		9589	120
2017	4	73001	7300105	1	22	10		0,7482		5079	38
2017	4	50001	5000106	1	22	10		0,7296		4386	32
2017	4	50001	5000107	1	22	10		0,8754		13823	121
2017	4	50001	5000108	1	22	10		0,8402		9045	76
2017	4	73001	7300101	1	22	10		0,4938		12151	60
2017	4	50001	5000101	1	22	10		1,2547		7731	97
2017	4	50001	5000102	1	22	10		0,8061		14762	119
2017	4	50001	5000103	1	22	10		12,6835		13009	1650
2017	4	50001	5000104	1	22	10		0,7913		11373	90
2017	4	50001	5000105	1	22	10		0,6456		21840	141
2017	4	76111		1	22		10	0,7127		9260	66
2017	4	76130		1	22		10	1,1042		9962	110
2017	4	76364		1	22		10	1,1138		20829	232
2017	4	76520		1	22		10	1,5461		29235	452
2017	4	76892		1	22		10	0,8363		19013	159
2017	4	76147		1	22		10	0,6018		18610	112
2017	4	76834		1	22		10	1,0925		16934	185
2017	4	76109		1	22		10	0,6278		35201	221
2017	4	11001	1100112	1	22	10		0,6363		35047	223
2017	4	11001	1100117	1	22	10		1,0055		10741	108
2017	4	11001	1100106	1	22	10		0,8781		27104	238
2017	4	11001	1100113	1	22	10		0,9788		28606	280
2017	4	11001	1100118	1	22	10		1,2127		43953	533
2017	4	11001	1100110	1	22	10		0,9713		100791	979
2017	4	11001	1100109	1	22	10		0,7217		63876	461
2017	4	11001	1100114	1	22	10		0,6337		30774	195
2017	4	11001	1100103	1	22	10		0,7593		31344	238
2017	4	11001	1100102	1	22	10		0,8456		40447	342
2017	4	11001	1100111	1	22	10		0,9938		112503	1118
2017	4	11001	1100105	1	22	10		0,7262		36216	263
2017	4	11001	1100108	1	22	10		0,9519		141091	1343
2017	4	11001	1100101	1	22	10		0,9731		64329	626
2017	4	68001	6800108	1	22	10		0,6356		944	6
2017	4	68001	6800116	1	22	10		1,4583		1920	28
2017	4	68001	6800112	1	22	10		0,556		7194	40
2017	4	11001	1100107	1	22	10		0,7923		74214	588
2017	4	68001	6800104	1	22	10		1,0129		6121	62
2017	4	68001	6800107	1	22	10		0,9091		1100	10
2017	4	68001	6800106	1	22	10		0,5654		4952	28
2017	4	68001	6800105	1	22	10		1,962		4893	96
2017	4	68001	6800103	1	22	10		0,6052		8923	54
2017	4	68001	6800101	1	22	10		0,5379		4276	23
2017	4	68001	6800115	1	22	10		0,285		5964	17
2017	4	68001	6800113	1	22	10		0,4858		9058	44
2017	4	68001	6800110	1	22	10		0,8971		3790	34
2017	4	8001	800101	1	22	10		1,388		23920	332
2017	4	8001	800104	1	22	10		0,582		54298	316
2017	4	68001	6800111	1	22	10		0,5374		4280	23
2017	4	68001	6800117	1	22	10		0,8994		2446	22
2017	4	8001	800105	1	22	10		0,9035		11621	105
2017	4	8001	800103	1	22	10		0,7408		26188	194
2017	4	8001	800102	1	22	10		1,6581		18214	302
2017	4	13001	1300103	1	22	10		0,9046		45325	410
2017	4	13001	1300101	1	22	10		0,7053		55436	391
2017	4	73001	7300110	1	22	10		0,3742		9085	34
2017	4	73001	7300111	1	22	10		0,8197		2440	20
2017	4	73001	7300112	1	22	10		0,7508		3330	25
2017	4	73001	7300113	1	22	10		0,802		2743	22
2017	4	13001	1300102	1	22	10		1,9965		45731	913
2017	4	73001	7300106	1	22	10		0,5872		3576	21
2017	4	73001	7300107	1	22	10		1,12		7232	81



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	73001	7300108	1	22	10		1,154		7539	87
2017	4	73001	7300109	1	22	10		1,8125		14676	266
2017	4	73001	7300102	1	22	10		0,2961		1351	4
2017	4	73001	7300103	1	22	10		0,3827		4965	19
2017	4	73001	7300104	1	22	10		0,6135		5216	32
2017	4	11001		1	22	10		0,9173	0,7452	1015126	9312
2017	4	8001		1	22	10		0,9323		136540	1273
2017	4	73001		1	22	10		0,9659		89553	865
2017	4	66001		1	22	10		1,0025		61547	617
2017	4	41001		1	22	10		1,0589		61477	651
2017	4	54001		1	22	10		0,9377		113468	1064
2017	4	63001		1	22	10		0,5394		38747	209
2017	4	13001		1	22	10		1,17		146492	1714
2017	4	50001		1	22	10		2,2461		119496	2684
2017	4	17001		1	22	10		0,8251		51145	422
2017	4	68001		1	22	10		0,7582		67001	508
2017	4	76001		1	22	10		0,7545		182366	1376
2017	4	15001		1	22	10		0,7186		35623	256
2017	4	54001	5400107	1	22	10		0,7339		11582	85
2017	4	54001	5400109	1	22	10		0,9617		8319	80
2017	4	54001	5400102	1	22	10		0,6487		8479	55
2017	4	54001	5400110	1	22	10		1,1444		5243	60
2017	4	54001	5400108	1	22	10		0,9407		14670	138
2017	4	54001	5400105	1	22	10		0,7355		9653	71
2017	4	54001	5400103	1	22	10		1,0135		6315	64
2017	4	76001	7600121	1	22	10		0,8125		3446	28
2017	4	76001	7600122	1	22	10		1,8122		4580	83
2017	4	54001	5400106	1	22	10		0,6529		15316	100
2017	4	54001	5400101	1	22	10		0,5237		21005	110
2017	4	54001	5400104	1	22	10		0,9647		6323	61
2017	4	76001	7600117	1	22	10		0,9359		13463	126
2017	4	76001	7600118	1	22	10		0,7322		8604	63
2017	4	76001	7600119	1	22	10		0,8099		15681	127
2017	4	76001	7600120	1	22	10		0,4121		2184	9
2017	4	76001	7600113	1	22	10		0,7615		9718	74
2017	4	76001	7600114	1	22	10		0,8647		11565	100
2017	4	76001	7600115	1	22	10		0,9248		5839	54
2017	4	76001	7600116	1	22	10		1,1335		7058	80
2017	4	76001	7600109	1	22	10		0,4321		7405	32
2017	4	76001	7600110	1	22	10		0,5782		7956	46
2017	4	76001	7600111	1	22	10		0,9459		6872	65
2017	4	76001	7600112	1	22	10		1,4049		1566	22
2017	4	76001	7600104	1	22	10		0,2907		7912	23
2017	4	76001	7600105	1	22	10		0,4374		6401	28
2017	4	76001	7600106	1	22	10		0,9921		6350	63
2017	4	76001	7600107	1	22	10		0,3203		5307	17
2017	4	76001	7600108	1	22	10		0,5875		8170	48
2017	4	11001	1100119	1	22	10		1,1007		61232	674
2017	4	76001	7600101	1	22	10		0,5613		3207	18
2017	4	76001	7600102	1	22	10		0,5133		19287	99
2017	4	76001	7600103	1	22	10		0,3874		12650	49
2017	4	11001	1100116	1	22	10		0,7495		48696	365
2017	4	11001	1100104	1	22	10		1,379		44888	619
2017	4	11001	1100115	1	22	10		0,6174		19274	119
2017	4	5001	500111	1	22	11		0,7637		19771	151
2017	4	5001		1	22	11		1,0636		252722	2688
2017	4	5001	500109	1	22	11		1,476		8740	129
2017	4	5001	500110	1	22	11		0,6668		49337	329
2017	4	5001	500108	1	22	11		1,2608		12373	156
2017	4	5001	500106	1	22	11		1,2473		9621	120
2017	4	5001	500103	1	22	11		1,0994		10733	118
2017	4	5001	500114	1	22	11		0,8343		15581	130
2017	4	5001	500112	1	22	11		0,8451		6390	54
2017	4	5001	500113	1	22	11		1,3582		8835	120
2017	4	5001	500107	1	22	11		1,24		19193	238
2017	4	5001	500104	1	22	11		1,3446		16733	225
2017	4	5001	500105	1	22	11		1,6076		15987	257
2017	4	5001	500115	1	22	11		0,8785		12749	112
2017	4	5001	500116	1	22	11		1,053		14815	156
2017	4	5001	500101	1	22	11		0,7313		7384	54
2017	4	5001	500102	1	22	11		0,9507		10834	103
2017	4	68276		1	22		18	0,9822		26370	259
2017	4	68307		1	22		18	1,2517		21012	263
2017	4	15491		1	22		18	1,4184		2820	40
2017	4	68679		1	22		18	0,673		9510	64
2017	4	68081		1	22		18	1,0566		37006	391
2017	4	81001		1	22	18		0,8971		26531	238
2017	4	85410		1	22		18	0,78		5641	44
2017	4	15572		1	22		18	1,2949		14364	186





INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	68547		1	22		18	1,3194		20994	277
2017	4	15759		1	22		18	0,8316		37759	314
2017	4	85001		1	22	18		1,2988		53048	689
2017	4	15238		1	22		18	0,8155		31881	260
2017	4	25754		1	22		19	1,0682		85748	916
2017	4	18001		1	22		19	0,8649		43706	378
2017	4	5318		1	22		19	1,0115		10776	109
2017	4	25290		1	22		19	1,4616		25931	379
2017	4	5607		1	22		19	1,7288		3355	58
2017	4	44430		1	22		19	1,3323		26796	357
2017	4	54405		1	22		19	0,7608		11698	89
2017	4	25817		1	22		19	0,5692		10892	62
2017	4	5380		1	22		19	0,9228		9319	86
2017	4	5045		1	22		19	0,6062		27382	166
2017	4	5631		1	22		19	1,3125		4800	63
2017	4	25214		1	22		19	1,6397		4269	70
2017	4	25430		1	22		19	1,0711		22686	243
2017	4	5360		1	22		19	1,6769		26239	440
2017	4	25758		1	22		19	3,2365		4542	147
2017	4	25307		1	22		19	1,151		17811	205
2017	4	25377		1	22		19	1,27		6378	81
2017	4	25175		1	22		19	1,1173		23986	268
2017	4	54874		1	22		19	0,8658		11550	100
2017	4	50568		1	22		19	3,0455		8964	273
2017	4	25286		1	22		19	1,4518		22248	323
2017	4	25473		1	22		19	1,3209		16731	221
2017	4	52356		1	22		19	1,0583		13418	142
2017	4	5308		1	22		19	0,7022		7548	53
2017	4	8573		1	22		19	0,888		4617	41
2017	4	25799		1	22		19	1,3635		6234	85
2017	4	5615		1	22		19	1,2461		29934	373
2017	4	5129		1	22		19	0,9524		13335	127
2017	4	50006		1	22		19	1,2787		22679	290
2017	4	44847		1	22		19	1,2349		24455	302
2017	4	5088		1	22		19	1,6394		48250	791
2017	4	5837		1	22		19	1,5179		31359	476
2017	4	73268		1	22		19	0,9552		19159	183
2017	4	5376		1	22		19	0,7085		15525	110
2017	4	8758		1	22		19	1,2921		45817	592
2017	4	5212		1	22		19	1,1384		7730	88
2017	4	41551		1	22		19	1,0585		39489	418
2017	4	52835		1	22		19	1,5955		28393	453
2017	4	73449		1	22		19	1,1456		9427	108
2017	4	5266		1	22		19	1,3521		10798	146
2017	4	25899		1	22		19	1,2661		24011	304
2017	4	20400		1	22		19	1,271		9127	116
2017	4	54498		1	22		19	0,9242		23372	216
2017	4	25269		1	22		19	1,3897		24825	345
2017	4	20011		1	22		19	1,2989		15090	196
2017	4	44560		1	22		19	1,2932		7733	100
2017	4	66170		1	22		19	0,6594		21838	144
2017	4	25126		1	22		19	1,4514		15985	232
2017	4	23001		1	22	19		1,3267		112533	1493
2017	4	70001		1	22	19		0,8721		51714	451
2017	4	95001		2	22	19		0,6301		9839	62
2017	4	47001		1	22	19		0,906		47239	428
2017	4	27001		2	22	19		1,0456		43324	453
2017	4	19001		1	22	19		1,1098		68570	761
2017	4	44001		1	22	19		1,3058		27722	362
2017	4	20001		1	22	19		1,0696		60771	650
2017	4	86001		2	22	19		1,4125		14159	200
2017	4	17380		1	22		19	0,7495		15878	119
2017	4	52001		1	22	20		1,3721		59907	822
2017	4	88001		2	22	20		0,7653		5488	42
2017	4	17380		1	23		19	0,7713		13095	101
2017	4	5318		1	23		19	0,9455		9201	87
2017	4	25290		1	23		19	1,5645		22308	349
2017	4	20011		1	23		19	1,8141		13450	244
2017	4	5607		1	23		19	0,6714		2681	18
2017	4	44430		1	23		19	1,2038		24838	299
2017	4	68276		1	23		19	1,0932		19850	217
2017	4	54405		1	23		19	0,8424		9022	76
2017	4	68307		1	23		19	1,4204		16474	234
2017	4	15491		1	23		19	0,9977		2205	22
2017	4	25817		1	23		19	0,9907		8580	85
2017	4	5380		1	23		19	1,011		7616	77
2017	4	73001	7300105	1	23	19		1,006		3678	37
2017	4	50001	5000106	1	23	19		0,5876		2723	16
2017	4	50001	5000107	1	23	19		0,7511		10118	76



LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	50001	5000108	1	23	19		1,3686		7599	104
2017	4	73001	7300101	1	23	19		0,9289		5598	52
2017	4	50001	5000102	1	23	19		1,1917		4867	58
2017	4	50001	5000103	1	23	19		2,5756		7144	184
2017	4	50001	5000104	1	23	19		0,7807		10887	85
2017	4	50001	5000105	1	23	19		0,8275		17885	148
2017	4	5045		1	23		19	0,5138		22967	118
2017	4	5631		1	23		19	1,2511		3437	43
2017	4	68679		1	23		19	0,7918		6315	50
2017	4	25214		1	23		19	1,2785		3285	42
2017	4	50001	5000101	1	23	19		1,3663		5343	73
2017	4	68081		1	23		19	1,2831		28291	363
2017	4	15238		1	23		19	1,0505		21418	225
2017	4	25430		1	23		19	1,2577		18208	229
2017	4	76111		1	23		19	0,8787		6942	61
2017	4	5360		1	23		19	1,4621		18535	271
2017	4	25758		1	23		19	1,5836		3410	54
2017	4	25307		1	23		19	1,24		14678	182
2017	4	25377		1	23		19	1,0472		5252	55
2017	4	85410		1	23		19	1,0675		4871	52
2017	4	25175		1	23		19	1,0373		17063	177
2017	4	54874		1	23		19	1,0642		9303	99
2017	4	50568		1	23		19	2,027		7548	153
2017	4	25473		1	23		19	1,5552		13760	214
2017	4	52356		1	23		19	0,9107		10541	96
2017	4	5308		1	23		19	0,8159		6496	53
2017	4	8573		1	23		19	0,7404		3917	29
2017	4	5615		1	23		19	1,3894		22672	315
2017	4	5129		1	23		19	1,016		10236	104
2017	4	50006		1	23		19	1,2251		18610	228
2017	4	25286		1	23		19	1,5743		16706	263
2017	4	15572		1	23		19	1,5067		12212	184
2017	4	5088		1	23		19	1,6031		39860	639
2017	4	5837		1	23		19	1,6145		28678	463
2017	4	25799		1	23		19	1,0112		4648	47
2017	4	76130		1	23		19	1,1348		11103	126
2017	4	76364		1	23		19	2,1459		19013	408
2017	4	73268		1	23		19	1,1199		14912	167
2017	4	5376		1	23		19	1,3745		13241	182
2017	4	44847		1	23		19	1,1755		23310	274
2017	4	8758		1	23		19	1,3706		40638	557
2017	4	76520		1	23		19	1,3771		21639	298
2017	4	76892		1	23		19	0,8787		10129	89
2017	4	5212		1	23		19	1,243		6275	78
2017	4	68547		1	23		19	1,3126		15084	198
2017	4	41551		1	23		19	1,1074		36754	407
2017	4	15759		1	23		19	1,069		25819	276
2017	4	76147		1	23		19	0,8089		14216	115
2017	4	76834		1	23		19	1,1591		13631	158
2017	4	76109		1	23		19	0,8617		26459	228
2017	4	52835		1	23		19	1,4486		28648	415
2017	4	73449		1	23		19	1,2963		8254	107
2017	4	25899		1	23		19	1,3559		18733	254
2017	4	20400		1	23		19	1,3637		8066	110
2017	4	54498		1	23		19	0,8792		19563	172
2017	4	25269		1	23		19	1,575		20127	317
2017	4	44560		1	23		19	1,312		7622	100
2017	4	66170		1	23		19	0,5712		18206	104
2017	4	25126		1	23		19	1,3923		12785	178
2017	4	5266		1	23		19	1,3769		7989	110
2017	4	25754		1	23		19	1,1768		75291	886
2017	4	11001	1100112	1	23	19		0,6954		15530	108
2017	4	11001	1100117	1	23	19		2,1597		3056	66
2017	4	11001	1100106	1	23	19		1,1446		23764	272
2017	4	11001	1100113	1	23	19		0,9689		9805	95
2017	4	11001	1100118	1	23	19		1,8356		42221	775
2017	4	11001	1100109	1	23	19		0,826		35715	295
2017	4	11001	1100114	1	23	19		1,0323		10075	104
2017	4	11001	1100103	1	23	19		1,1116		12954	144
2017	4	11001	1100102	1	23	19		1,0844		11435	124
2017	4	11001	1100111	1	23	19		1,1359		97457	1107
2017	4	11001	1100105	1	23	19		1,0766		42355	456
2017	4	11001	1100108	1	23	19		1,5618		104242	1628
2017	4	11001	1100101	1	23	19		1,2397		37107	460
2017	4	11001	1100110	1	23	19		1,08		76295	824
2017	4	68001	6800108	1	23	19		0,783		894	7
2017	4	68001	6800116	1	23	19		1,2324		1704	21
2017	4	68001	6800112	1	23	19		0,5761		2083	12
2017	4	11001	1100107	1	23	19		0,9242		81797	756



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_2G	PORC_LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	68001	6800107	1	23	19		0,9464		951	9
2017	4	68001	6800106	1	23	19		0,9529		1889	18
2017	4	68001	6800105	1	23	19		2,6363		3869	102
2017	4	68001	6800103	1	23	19		0,8967		5130	46
2017	4	68001	6800115	1	23	19		1,6827		832	14
2017	4	68001	6800113	1	23	19		0,8203		4145	34
2017	4	68001	6800110	1	23	19		0,9542		2620	25
2017	4	68001	6800104	1	23	19		1,9693		2082	41
2017	4	8001	800101	1	23	19		1,6192		22480	364
2017	4	8001	800104	1	23	19		1,0525		13492	142
2017	4	68001	6800111	1	23	19		1,3713		1969	27
2017	4	68001	6800117	1	23	19		1,2413		2014	25
2017	4	68001	6800101	1	23	19		0,5631		4440	25
2017	4	8001	800105	1	23	19		0,7126		5473	39
2017	4	8001	800103	1	23	19		0,9311		15358	143
2017	4	8001	800102	1	23	19		1,2008		18238	219
2017	4	13001	1300103	1	23	19		1,0287		40341	415
2017	4	13001	1300101	1	23	19		0,8953		33396	299
2017	4	73001	7300111	1	23	19		0,6252		2719	17
2017	4	73001	7300112	1	23	19		0,5842		2910	17
2017	4	73001	7300113	1	23	19		0,258		3101	8
2017	4	13001	1300102	1	23	19		0,8975		41781	375
2017	4	73001	7300106	1	23	19		0,7828		3960	31
2017	4	73001	7300107	1	23	19		1,0091		7333	74
2017	4	73001	7300108	1	23	19		0,8665		7848	68
2017	4	73001	7300109	1	23	19		2,2125		8949	198
2017	4	73001	7300110	1	23	19		0,8065		4960	40
2017	4	73001	7300102	1	23	19		0,3791		1319	5
2017	4	73001	7300103	1	23	19		0,7569		2246	17
2017	4	73001	7300104	1	23	19		0,8663		4040	35
2017	4	50001		1	23	19		1,3224		88475	1170
2017	4	66001		1	23	19		1,2737		43730	557
2017	4	68001		1	23	19		1,2062		35731	431
2017	4	15001		1	23	19		0,9712		24507	238
2017	4	18001		1	23	19		0,7907		37057	293
2017	4	81001		1	23	19		1,0579		19662	208
2017	4	13001		1	23	19		0,9427		115518	1089
2017	4	47001		1	23	19		0,9236		41577	384
2017	4	27001		2	23	19		1,138		37345	425
2017	4	19001		1	23	19		0,7578		60965	462
2017	4	70001		1	23	19		0,8485		46084	391
2017	4	8001		1	23	19		1,211		77289	936
2017	4	73001		1	23	19		1,0994		68493	753
2017	4	63001		1	23	19		0,6009		26628	160
2017	4	23001		1	23	19		1,3828		102473	1417
2017	4	54001		1	23	19		1,127		77998	879
2017	4	11001		1	23	19		1,245	0,6838	758486	9443
2017	4	17001		1	23	19		1,897		40275	764
2017	4	86001		2	23	19		1,9191		14955	287
2017	4	44001		1	23	19		1,1408		25246	288
2017	4	20001		1	23	19		1,1807		54885	648
2017	4	85001		1	23	19		1,3019		38330	499
2017	4	54001	5400107	1	23	19		0,7169		11996	86
2017	4	54001	5400109	1	23	19		1,1457		7681	88
2017	4	54001	5400102	1	23	19		0,9491		4004	38
2017	4	54001	5400110	1	23	19		1,1027		4081	45
2017	4	54001	5400108	1	23	19		1,0509		16177	170
2017	4	54001	5400105	1	23	19		1,1749		4596	54
2017	4	54001	5400103	1	23	19		1,12		5268	59
2017	4	54001	5400106	1	23	19		0,9629		10697	103
2017	4	54001	5400101	1	23	19		0,7081		3813	27
2017	4	54001	5400104	1	23	19		0,5218		4408	23
2017	4	11001	1100119	1	23	19		1,3304		71859	956
2017	4	11001	1100116	1	23	19		1,7222		23110	398
2017	4	11001	1100104	1	23	19		1,5795		50522	798
2017	4	11001	1100115	1	23	19		0,8381		9187	77
2017	4	5001	500111	1	23	20		1,4421		5270	76
2017	4	76001	7600103	1	23	20		0,6704		2685	18
2017	4	5001	500110	1	23	20		1,4043		10468	147
2017	4	5001	500108	1	23	20		1,3214		13395	177
2017	4	5001	500106	1	23	20		1,3215		10670	141
2017	4	5001	500114	1	23	20		1,1126		5213	58
2017	4	5001	500112	1	23	20		1,6371		3604	59
2017	4	5001	500113	1	23	20		1,4033		10048	141
2017	4	5001	500102	1	23	20		1,6633		14068	234
2017	4	5001	500107	1	23	20		1,4782		20565	304
2017	4	5001	500104	1	23	20		1,3707		14299	196
2017	4	5001	500105	1	23	20		1,816		13051	237
2017	4	5001	500115	1	23	20		1,0366		4920	51



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5001	500103	1	23	20		1,2153		13742	167
2017	4	5001	500116	1	23	20		0,9872		9319	92
2017	4	5001	500101	1	23	20		1,0779		10947	118
2017	4	41001		1	23	20		1,1218		42253	474
2017	4	52001		1	23	20		1,5367		51408	790
2017	4	95001		2	23	20		0,7822		8566	67
2017	4	88001		2	23	20		1,0647		4696	50
2017	4	76001		1	23	20		1,0187		117799	1200
2017	4	5001		1	23	20		1,4347		181088	2598
2017	4	76001	7600122	1	23	20		2,4507		1877	46
2017	4	76001	7600117	1	23	20		1,6137		6383	103
2017	4	76001	7600118	1	23	20		0,9394		8303	78
2017	4	76001	7600119	1	23	20		0,9132		7665	70
2017	4	76001	7600120	1	23	20		0,1374		2183	3
2017	4	76001	7600121	1	23	20		0,9618		4055	39
2017	4	76001	7600113	1	23	20		0,8721		9861	86
2017	4	76001	7600114	1	23	20		1,2201		12458	152
2017	4	76001	7600115	1	23	20		1,238		6139	76
2017	4	76001	7600116	1	23	20		1,3129		6855	90
2017	4	76001	7600109	1	23	20		0,9297		2474	23
2017	4	76001	7600110	1	23	20		1,4212		4081	58
2017	4	76001	7600111	1	23	20		1,596		5263	84
2017	4	76001	7600112	1	23	20		1,1594		1380	16
2017	4	76001	7600104	1	23	20		0,5422		2582	14
2017	4	76001	7600105	1	23	20		0,519		4432	23
2017	4	76001	7600106	1	23	20		0,6781		5604	38
2017	4	76001	7600107	1	23	20		0,4137		3868	16
2017	4	76001	7600108	1	23	20		1,015		4335	44
2017	4	76001	7600101	1	23	20		0,2448		2859	7
2017	4	76001	7600102	1	23	20		0,4666		7287	34
2017	4	5001	500109	1	23	20		1,9155		9397	180
2017	4	76001	7600116	1	24	10		0,5417		7569	41
2017	4	76001	7600109	1	24	10		0,4964		7454	37
2017	4	76001	7600110	1	24	10		0,5526		7420	41
2017	4	76001	7600111	1	24	10		0,7111		7031	50
2017	4	76001	7600112	1	24	10		1,1236		1602	18
2017	4	76001	7600105	1	24	10		0,5127		6632	34
2017	4	76001	7600106	1	24	10		0,706		6374	45
2017	4	76001	7600107	1	24	10		0,5878		5444	32
2017	4	76001	7600108	1	24	10		0,6002		8330	50
2017	4	11001	1100119	1	24	10		1,1033		60367	666
2017	4	76001	7600101	1	24	10		0,5682		2992	17
2017	4	76001	7600102	1	24	10		0,3776		25157	95
2017	4	76001	7600103	1	24	10		0,355		17465	62
2017	4	76001	7600104	1	24	10		0,2644		9078	24
2017	4	11001	1100116	1	24	10		0,6936		55509	385
2017	4	11001	1100104	1	24	10		1,2932		45237	585
2017	4	11001	1100115	1	24	10		0,763		19004	145
2017	4	73001	7300105	1	24	10		0,9884		5160	51
2017	4	73001	7300101	1	24	10		0,4095		14896	61
2017	4	11001	1100112	1	24	10		0,594		43433	258
2017	4	11001	1100117	1	24	10		0,687		15576	107
2017	4	11001	1100106	1	24	10		0,8575		25888	222
2017	4	11001	1100113	1	24	10		0,9063		41488	376
2017	4	11001	1100118	1	24	10		1,0989		43591	479
2017	4	11001	1100110	1	24	10		0,7969		98382	784
2017	4	11001	1100109	1	24	10		0,7001		70136	491
2017	4	11001	1100114	1	24	10		0,76		34211	260
2017	4	11001	1100103	1	24	10		0,8049		39134	315
2017	4	11001	1100102	1	24	10		0,7889		66044	521
2017	4	11001	1100111	1	24	10		0,9218		116517	1074
2017	4	11001	1100105	1	24	10		0,7972		35624	284
2017	4	11001	1100108	1	24	10		0,7596		133887	1017
2017	4	11001	1100101	1	24	10		0,931		76049	708
2017	4	68001	6800108	1	24	10		0,4057		986	4
2017	4	68001	6800116	1	24	10		1,4286		2100	30
2017	4	68001	6800112	1	24	10		0,8224		10701	88
2017	4	11001	1100107	1	24	10		0,7058		73958	522
2017	4	68001	6800107	1	24	10		0,9009		1221	11
2017	4	68001	6800106	1	24	10		0,784		4209	33
2017	4	68001	6800105	1	24	10		1,8088		4091	74
2017	4	68001	6800103	1	24	10		0,8204		9264	76
2017	4	68001	6800101	1	24	10		0,5931		4384	26
2017	4	68001	6800115	1	24	10		0,2974		8071	24
2017	4	68001	6800113	1	24	10		0,4427		10391	46
2017	4	68001	6800110	1	24	10		0,7178		3483	25
2017	4	68001	6800104	1	24	10		0,7156		6847	49
2017	4	8001	800101	1	24	10		1,4767		24243	358
2017	4	8001	800104	1	24	10		0,7634		62089	474



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC. LLAMADAS CAIDAS_2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	68001	6800111	1	24	10		0,8517		2818	24
2017	4	68001	6800117	1	24	10		1,0329		2130	22
2017	4	8001	800105	1	24	10		0,9509		11778	112
2017	4	8001	800103	1	24	10		0,7076		26853	190
2017	4	8001	800102	1	24	10		1,214		18205	221
2017	4	73001	7300111	1	24	10		0,8307		2528	21
2017	4	73001	7300112	1	24	10		0,5367		3354	18
2017	4	73001	7300113	1	24	10		0,5622		2668	15
2017	4	73001	7300106	1	24	10		0,5304		3771	20
2017	4	73001	7300107	1	24	10		1,3049		7357	96
2017	4	73001	7300108	1	24	10		0,7741		7880	61
2017	4	73001	7300109	1	24	10		1,7098		15499	265
2017	4	73001	7300110	1	24	10		0,4251		11056	47
2017	4	73001	7300102	1	24	10		0,425		1647	7
2017	4	73001	7300103	1	24	10		0,5157		5430	28
2017	4	73001	7300104	1	24	10		0,4365		5728	25
2017	4	70001		1	24	10		0,7964		63284	504
2017	4	68001		1	24	10		0,7504		71828	539
2017	4	11001		1	24	10		0,8408	0,684	1094035	9199
2017	4	8001		1	24	10		0,9482		145532	1380
2017	4	66001		1	24	10		1,0054		66041	664
2017	4	63001		1	24	10		0,544		43563	237
2017	4	73001		1	24	10		1,2292		96570	1187
2017	4	76001		1	24	10		0,6319		199413	1260
2017	4	76001	7600122	1	24	10		1,6064		4482	72
2017	4	76001	7600117	1	24	10		0,6166		13461	83
2017	4	76001	7600118	1	24	10		0,5006		8589	43
2017	4	76001	7600119	1	24	10		0,6807		20862	142
2017	4	76001	7600120	1	24	10		0,3955		2023	8
2017	4	76001	7600121	1	24	10		1,2651		3399	43
2017	4	76001	7600113	1	24	10		0,6436		9789	63
2017	4	76001	7600114	1	24	10		0,8832		11662	103
2017	4	76001	7600115	1	24	10		0,7254		5652	41
2017	4	25290		1	24		18	1,3422		27939	375
2017	4	81001		1	24	18		0,8358		30510	255
2017	4	25817		1	24		18	0,7997		12129	97
2017	4	25214		1	24		18	1,5488		5488	85
2017	4	15238		1	24		18	0,8719		33604	293
2017	4	25430		1	24		18	1,1691		23266	272
2017	4	25758		1	24		18	1,5829		5370	85
2017	4	25307		1	24		18	0,8897		19221	171
2017	4	25377		1	24		18	2,1396		8366	179
2017	4	25175		1	24		18	0,9806		24373	239
2017	4	25473		1	24		18	1,5549		18458	287
2017	4	25286		1	24		18	1,5882		25060	398
2017	4	15572		1	24		18	1,892		14165	268
2017	4	25799		1	24		18	1,032		6492	67
2017	4	15759		1	24		18	0,7844		39394	309
2017	4	25899		1	24		18	1,146		25393	291
2017	4	25269		1	24		18	1,5298		26605	407
2017	4	25126		1	24		18	1,7073		18216	311
2017	4	25754		1	24		18	1,056		85227	900
2017	4	85001		1	24	18		1,2176		55685	678
2017	4	15001		1	24	18		0,7967		41924	334
2017	4	15491		1	24		18	1,9251		2909	56
2017	4	17380		1	24		19	0,9362		14741	138
2017	4	5318		1	24		19	1,0277		9730	100
2017	4	20011		1	24		19	1,1493		14966	172
2017	4	5607		1	24		19	0,4596		3046	14
2017	4	44430		1	24		19	1,3173		24141	318
2017	4	68276		1	24		19	1,2179		26438	322
2017	4	54405		1	24		19	0,8345		11144	93
2017	4	68307		1	24		19	1,278		19875	254
2017	4	5380		1	24		19	1,3017		9219	120
2017	4	50001	5000106	1	24	19		0,6299		3810	24
2017	4	50001	5000107	1	24	19		0,8124		12678	103
2017	4	50001	5000108	1	24	19		1,1912		9318	111
2017	4	50001	5000102	1	24	19		0,9929		7856	78
2017	4	50001	5000103	1	24	19		0,6077		8557	52
2017	4	50001	5000104	1	24	19		0,8218		11560	95
2017	4	50001	5000105	1	24	19		0,7838		20925	164
2017	4	5045		1	24		19	0,6822		24918	170
2017	4	5631		1	24		19	1,5808		4871	77
2017	4	68679		1	24		19	0,8264		8107	67
2017	4	50001	5000101	1	24	19		1,2183		6074	74
2017	4	68081		1	24		19	1,2029		33337	401
2017	4	76111		1	24		19	1,1673		7710	90
2017	4	5360		1	24		19	1,6004		22932	367
2017	4	85410		1	24		19	1,0633		5925	63



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC. LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	54874		1	24		19	1,2552		11074	139
2017	4	50568		1	24		19	1,7991		8282	149
2017	4	52356		1	24		19	1,0576		12103	128
2017	4	5308		1	24		19	1,258		6757	85
2017	4	8573		1	24		19	1,3654		4907	67
2017	4	5615		1	24		19	1,3156		27136	357
2017	4	5129		1	24		19	1,3256		12070	160
2017	4	50006		1	24		19	1,1878		22142	263
2017	4	5088		1	24		19	1,8267		44835	819
2017	4	5837		1	24		19	1,7995		28785	518
2017	4	76130		1	24		19	1,1955		10372	124
2017	4	76364		1	24		19	1,3063		20210	264
2017	4	73268		1	24		19	1,2876		16387	211
2017	4	5376		1	24		19	1,1656		16043	187
2017	4	44847		1	24		19	1,1574		24537	284
2017	4	8758		1	24		19	1,2429		44332	551
2017	4	76520		1	24		19	1,6296		25159	410
2017	4	76892		1	24		19	1,0734		12949	139
2017	4	5212		1	24		19	1,2007		6746	81
2017	4	68547		1	24		19	1,4206		16402	233
2017	4	41551		1	24		19	0,9835		39754	391
2017	4	76147		1	24		19	0,7145		15956	114
2017	4	76834		1	24		19	1,0987		14290	157
2017	4	76109		1	24		19	1,0026		29623	297
2017	4	52835		1	24		19	1,6701		25447	425
2017	4	73449		1	24		19	1,3858		8443	117
2017	4	20400		1	24		19	1,1247		9425	106
2017	4	54498		1	24		19	0,9459		23153	219
2017	4	44560		1	24		19	1,7429		7631	133
2017	4	66170		1	24		19	0,7471		20344	152
2017	4	5266		1	24		19	1,532		11031	169
2017	4	5001	500111	1	24		19	1,3048		9810	128
2017	4	5001	500109	1	24	19	19	1,9434		11372	221
2017	4	5001	500110	1	24		19	1,1888		23385	278
2017	4	5001	500108	1	24		19	1,6505		16177	267
2017	4	5001	500106	1	24		19	1,2991		13548	176
2017	4	5001	500103	1	24		19	1,1274		16055	181
2017	4	5001	500114	1	24		19	1,1361		8802	100
2017	4	5001	500112	1	24		19	1,7822		5050	90
2017	4	5001	500113	1	24		19	1,4795		12166	180
2017	4	5001	500102	1	24		19	1,2892		17375	224
2017	4	5001	500107	1	24		19	1,709		26214	448
2017	4	5001	500104	1	24		19	1,6476		18573	306
2017	4	5001	500105	1	24		19	1,6593		17839	296
2017	4	5001	500115	1	24		19	1,0499		7334	77
2017	4	13001	1300103	1	24		19	1,0802		46196	499
2017	4	13001	1300101	1	24		19	1,0813		41154	445
2017	4	5001	500116	1	24		19	1,1575		12873	149
2017	4	5001	500101	1	24		19	0,8634		12045	104
2017	4	13001	1300102	1	24		19	1,0731		46220	496
2017	4	5001		1	24		19	1,4532		243731	3542
2017	4	95001		2	24		19	0,9046		9949	90
2017	4	17001		1	24		19	0,9646		46547	449
2017	4	47001		1	24		19	1,021		45249	462
2017	4	54001		1	24		19	1,2223		95391	1166
2017	4	50001		1	24		19	1,0432		106015	1106
2017	4	52001		1	24		19	1,3135		66310	871
2017	4	18001		1	24		19	0,7745		42607	330
2017	4	44001		1	24		19	1,5145		27270	413
2017	4	23001		1	24		19	1,4784		110663	1636
2017	4	19001		1	24		19	0,7524		70304	529
2017	4	13001		1	24		19	1,0781		133570	1440
2017	4	41001		1	24		19	1,1418		56665	647
2017	4	86001		2	24		19	1,6327		15067	246
2017	4	20001		1	24		19	1,4553		62322	907
2017	4	27001		2	24		19	1,1993		38941	467
2017	4	54001	5400107	1	24		19	0,8866		13197	117
2017	4	54001	5400109	1	24		19	0,9621		8939	86
2017	4	54001	5400102	1	24		19	1,3313		6009	80
2017	4	54001	5400110	1	24		19	1,0537		5030	53
2017	4	54001	5400108	1	24		19	1,1438		17311	198
2017	4	54001	5400105	1	24		19	1,0281		6225	64
2017	4	54001	5400103	1	24		19	1,3325		6229	83
2017	4	54001	5400106	1	24		19	1,0891		12120	132
2017	4	54001	5400101	1	24		19	0,7574		7790	59
2017	4	54001	5400104	1	24		19	0,7673		5474	42
2017	4	88001		2	24		20	0,5249		5144	27
2017	4	54001		1	25		9	0,9162		111117	1018
2017	4	54001	5400107	1	25		9	0,7097		12117	86



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC. LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	54001	5400109	1	25		9	0,8499		8001	68
2017	4	54001	5400102	1	25		9	0,7407		9586	71
2017	4	54001	5400110	1	25		9	0,8614		4992	43
2017	4	54001	5400104	1	25		9	0,5295		5666	30
2017	4	54001	5400105	1	25		9	0,803		9838	79
2017	4	54001	5400103	1	25		9	1,1932		5783	69
2017	4	54001	5400106	1	25		9	0,8842		13233	117
2017	4	54001	5400101	1	25		9	0,5373		20473	110
2017	4	54001	5400108	1	25		9	1,0873		13979	152
2017	4	11001	1100116	1	25		10	0,7312		55528	406
2017	4	11001	1100104	1	25		10	1,3571		42223	573
2017	4	11001	1100115	1	25		10	0,6537		19121	125
2017	4	11001	1100112	1	25		10	1,2148		43548	529
2017	4	11001	1100117	1	25		10	0,8084		16575	134
2017	4	11001	1100106	1	25		10	0,8359		25720	215
2017	4	11001	1100113	1	25		10	0,9903		43924	435
2017	4	11001	1100118	1	25		10	1,0958		41065	450
2017	4	11001	1100110	1	25		10	0,8874		95672	849
2017	4	11001	1100109	1	25		10	0,8248		69595	574
2017	4	11001	1100114	1	25		10	0,8249		35519	293
2017	4	11001	1100103	1	25		10	0,8378		40105	336
2017	4	11001	1100102	1	25		10	0,8337		66807	557
2017	4	11001	1100111	1	25		10	0,8877		111411	989
2017	4	11001	1100105	1	25		10	0,6998		32583	228
2017	4	11001	1100108	1	25		10	0,8378		135121	1132
2017	4	11001	1100101	1	25		10	0,9548		75196	718
2017	4	68001	6800108	1	25		10	1,2332		892	11
2017	4	68001	6800116	1	25		10	1,751		2056	36
2017	4	68001	6800112	1	25		10	0,6022		9797	59
2017	4	11001	1100107	1	25		10	0,7554		73472	555
2017	4	68001	6800107	1	25		10	0,5561		1079	6
2017	4	68001	6800106	1	25		10	0,5736		4707	27
2017	4	68001	6800105	1	25		10	2,0343		4375	89
2017	4	68001	6800103	1	25		10	0,6907		9266	64
2017	4	68001	6800101	1	25		10	0,5669		3881	22
2017	4	68001	6800115	1	25		10	0,4049		7409	30
2017	4	68001	6800113	1	25		10	0,3113		10602	33
2017	4	68001	6800110	1	25		10	0,6525		3525	23
2017	4	68001	6800104	1	25		10	1,3309		5485	73
2017	4	8001	800101	1	25		10	1,2265		24053	295
2017	4	8001	800104	1	25		10	0,6116		59512	364
2017	4	68001	6800111	1	25		10	0,8798		3751	33
2017	4	68001	6800117	1	25		10	1,1106		2071	23
2017	4	8001	800105	1	25		10	0,9934		12180	121
2017	4	8001	800103	1	25		10	0,77		25325	195
2017	4	8001	800102	1	25		10	1,315		16730	220
2017	4	11001		1	25		10	0,9009	0,5115	1080704	9736
2017	4	8001		1	25		10	0,8723		139982	1221
2017	4	17001		1	25		10	0,6243		53820	336
2017	4	63001		1	25		10	0,5083		41316	210
2017	4	68001		1	25		10	0,7854		70028	550
2017	4	76001		1	25		10	0,7062		196699	1389
2017	4	66001		1	25		10	1,1478		64470	740
2017	4	76001	7600122	1	25		10	1,9661		4781	94
2017	4	76001	7600117	1	25		10	0,7694		14037	108
2017	4	76001	7600118	1	25		10	0,5345		8419	45
2017	4	76001	7600119	1	25		10	0,6171		20417	126
2017	4	76001	7600120	1	25		10	0,5022		1792	9
2017	4	76001	7600121	1	25		10	1,4976		3272	49
2017	4	76001	7600113	1	25		10	0,6296		8894	56
2017	4	76001	7600114	1	25		10	0,7667		10825	83
2017	4	76001	7600115	1	25		10	0,8645		5321	46
2017	4	76001	7600116	1	25		10	0,6572		7304	48
2017	4	76001	7600109	1	25		10	0,9704		7729	75
2017	4	76001	7600110	1	25		10	0,7054		7230	51
2017	4	76001	7600111	1	25		10	0,901		6770	61
2017	4	76001	7600112	1	25		10	1,6352		1590	26
2017	4	76001	7600105	1	25		10	0,6372		6277	40
2017	4	76001	7600106	1	25		10	0,986		6288	62
2017	4	76001	7600107	1	25		10	0,3985		5270	21
2017	4	76001	7600108	1	25		10	0,7401		7837	58
2017	4	11001	1100119	1	25		10	1,1092		57519	638
2017	4	76001	7600101	1	25		10	0,4678		2565	12
2017	4	76001	7600102	1	25		10	0,4462		25997	116
2017	4	76001	7600103	1	25		10	0,4489		19160	86
2017	4	76001	7600104	1	25		10	0,3084		8430	26
2017	4	15001		1	25		18	0,8072		42619	344
2017	4	81001		1	25		18	0,9703		28753	279
2017	4	5318		1	25		19	0,8948		9611	86



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	25290		1	25		19	1,5478		23452	363
2017	4	20011		1	25		19	1,1843		14777	175
2017	4	5607		1	25		19	0,6922		3034	21
2017	4	44430		1	25		19	2,0835		25294	527
2017	4	68276		1	25		19	1,2049		25895	312
2017	4	54405		1	25		19	0,6699		10897	73
2017	4	25754		1	25		19	1,1681		81756	955
2017	4	68307		1	25		19	1,5599		19617	306
2017	4	15491		1	25		19	2,9077		3164	92
2017	4	25817		1	25		19	0,7357		9786	72
2017	4	5380		1	25		19	1,4307		8807	126
2017	4	73001	7300105	1	25	19		0,7547		4505	34
2017	4	50001	5000106	1	25	19		0,8483		4008	34
2017	4	50001	5000107	1	25	19		0,7821		12530	98
2017	4	50001	5000108	1	25	19		0,9202		10650	98
2017	4	73001	7300101	1	25	19		0,8655		7741	67
2017	4	50001	5000101	1	25	19		0,9827		6309	62
2017	4	50001	5000102	1	25	19		1,0037		8070	81
2017	4	50001	5000103	1	25	19		0,5492		8922	49
2017	4	50001	5000104	1	25	19		0,7803		11919	93
2017	4	50001	5000105	1	25	19		0,7428		21406	159
2017	4	5631		1	25		19	1,3847		5272	73
2017	4	68679		1	25		19	0,7448		7787	58
2017	4	25214		1	25		19	1,7964		4342	78
2017	4	68081		1	25		19	1,2286		32883	404
2017	4	15238		1	25		19	1,1354		28096	319
2017	4	25430		1	25		19	1,1303		19995	226
2017	4	76111		1	25		19	0,9129		7558	69
2017	4	5045		1	25		19	0,6713		23388	157
2017	4	5360		1	25		19	1,6652		24442	407
2017	4	25758		1	25		19	1,8676		4123	77
2017	4	25307		1	25		19	1,1464		16574	190
2017	4	25377		1	25		19	1,6324		5881	96
2017	4	85410		1	25		19	0,7079		5509	39
2017	4	25175		1	25		19	1,2633		21215	268
2017	4	54874		1	25		19	1,2384		10820	134
2017	4	50568		1	25		19	1,9023		8148	155
2017	4	25473		1	25		19	1,46		15411	225
2017	4	52356		1	25		19	0,964		12967	125
2017	4	5308		1	25		19	1,1404		6840	78
2017	4	8573		1	25		19	1,2567		5252	66
2017	4	5615		1	25		19	1,3244		26653	353
2017	4	5129		1	25		19	1,2739		11618	148
2017	4	50006		1	25		19	1,0365		22479	233
2017	4	25286		1	25		19	1,6525		19849	328
2017	4	15572		1	25		19	1,603		12913	207
2017	4	5088		1	25		19	1,8146		43646	792
2017	4	5837		1	25		19	1,6194		27974	453
2017	4	25799		1	25		19	1,539		5783	89
2017	4	76364		1	25		19	1,23		18780	231
2017	4	73268		1	25		19	1,0943		16540	181
2017	4	5376		1	25		19	1,2906		14954	193
2017	4	44847		1	25		19	1,5779		24400	385
2017	4	8758		1	25		19	1,0203		43518	444
2017	4	76520		1	25		19	1,5602		24099	376
2017	4	76892		1	25		19	1,2817		12717	163
2017	4	5212		1	25		19	1,2296		6994	86
2017	4	76130		1	25		19	1,243		9976	124
2017	4	68547		1	25		19	1,5653		15908	249
2017	4	41551		1	25		19	1,1812		39958	472
2017	4	15759		1	25		19	2,8271		46797	1323
2017	4	76147		1	25		19	0,897		16277	146
2017	4	76834		1	25		19	0,9153		15296	140
2017	4	76109		1	25		19	0,9123		29486	269
2017	4	52835		1	25		19	1,8237		26484	483
2017	4	73449		1	25		19	1,2844		8019	103
2017	4	25899		1	25		19	1,4683		22815	335
2017	4	20400		1	25		19	1,5986		9821	157
2017	4	54498		1	25		19	0,9161		22378	205
2017	4	25269		1	25		19	1,8374		23403	430
2017	4	44560		1	25		19	2,9326		7570	222
2017	4	66170		1	25		19	0,6919		20233	140
2017	4	25126		1	25		19	1,6288		15165	247
2017	4	5266		1	25		19	1,6778		11265	189
2017	4	17380		1	25		19	0,828		15096	125
2017	4	5001	500111	1	25	19		1,181		9145	108
2017	4	5001	500109	1	25	19		1,9358		11055	214
2017	4	5001	500110	1	25	19		1,1611		23857	277
2017	4	5001	500108	1	25	19		1,564		15665	245





## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5001	500106	1	25	19		1,7305		12655	219
2017	4	5001	500103	1	25	19		1,0527		15389	162
2017	4	5001	500114	1	25	19		1,2374		9294	115
2017	4	5001	500112	1	25	19		1,7342		4959	86
2017	4	5001	500113	1	25	19		1,7556		11221	197
2017	4	5001	500102	1	25	19		1,2276		16536	203
2017	4	5001	500107	1	25	19		1,5546		24572	382
2017	4	5001	500104	1	25	19		1,5831		18192	288
2017	4	5001	500105	1	25	19		2,1241		17184	365
2017	4	5001	500115	1	25	19		1,3003		7460	97
2017	4	13001	1300103	1	25	19		1,0929		46297	506
2017	4	13001	1300101	1	25	19		0,8871		42384	376
2017	4	5001	500116	1	25	19		1,0139		12625	128
2017	4	5001	500101	1	25	19		0,9841		11787	116
2017	4	73001	7300110	1	25	19		0,7306		6159	45
2017	4	73001	7300111	1	25	19		0,5838		2912	17
2017	4	73001	7300112	1	25	19		0,5273		3224	17
2017	4	73001	7300113	1	25	19		0,6566		3046	20
2017	4	13001	1300102	1	25	19		1,0335		45285	468
2017	4	73001	7300106	1	25	19		0,8467		4252	36
2017	4	73001	7300107	1	25	19		1,1633		7479	87
2017	4	73001	7300108	1	25	19		1,7183		8264	142
2017	4	73001	7300109	1	25	19		2,0752		10457	217
2017	4	73001	7300102	1	25	19		1,2457		1445	18
2017	4	73001	7300103	1	25	19		0,6872		2765	19
2017	4	73001	7300104	1	25	19		1,1684		4536	53
2017	4	19001		1	25	19		0,8004		64718	518
2017	4	73001		1	25	19		1,1929		77458	924
2017	4	18001		1	25	19		0,8114		41165	334
2017	4	5001		1	25	19		1,4591		236993	3458
2017	4	85001		1	25	19		2,8539		70289	2006
2017	4	70001		1	25	19		0,9805		52016	510
2017	4	47001		1	25	19		0,9426		46254	436
2017	4	86001		2	25	19		1,9688		14831	292
2017	4	95001		2	25	19		0,7184		10858	78
2017	4	50001		1	25	19		1,1014		108682	1197
2017	4	52001		1	25	19		2,5918		67174	1741
2017	4	88001		2	25	19		1,0877		5976	65
2017	4	23001		1	25	19		1,2766		111072	1418
2017	4	20001		1	25	19		1,7728		83541	1481
2017	4	41001		1	25	19		1,2097		56706	686
2017	4	13001		1	25	19		1,0077		133966	1350
2017	4	44001		1	25	19		1,4387		28011	403
2017	4	27001		2	25	20		1,2194		29850	364
2017	4	76001	7600112	1	26	10		1,1968		1504	18
2017	4	76001	7600105	1	26	10		0,6289		6042	38
2017	4	76001	7600106	1	26	10		0,6763		6062	41
2017	4	76001	7600107	1	26	10		0,4916		5085	25
2017	4	76001	7600108	1	26	10		0,6476		7721	50
2017	4	76001	7600101	1	26	10		0,6918		2891	20
2017	4	76001	7600102	1	26	10		0,4476		25469	114
2017	4	76001	7600103	1	26	10		0,4689		16633	78
2017	4	76001	7600104	1	26	10		0,2674		8601	23
2017	4	50001	5000106	1	26	10		0,6247		4162	26
2017	4	50001	5000107	1	26	10		1,4523		12945	188
2017	4	50001	5000108	1	26	10		1,3856		8949	124
2017	4	50001	5000102	1	26	10		0,9153		19228	176
2017	4	50001	5000103	1	26	10		0,8189		10013	82
2017	4	50001	5000104	1	26	10		0,9987		10414	104
2017	4	50001	5000105	1	26	10		0,7332		20186	148
2017	4	50001	5000101	1	26	10		1,283		7950	102
2017	4	68001	6800108	1	26	10		1,4286		980	14
2017	4	68001	6800116	1	26	10		1,8182		2035	37
2017	4	68001	6800112	1	26	10		0,61		9508	58
2017	4	68001	6800107	1	26	10		0,4304		1394	6
2017	4	68001	6800106	1	26	10		0,8347		4792	40
2017	4	68001	6800105	1	26	10		1,9253		4311	83
2017	4	68001	6800103	1	26	10		0,5818		9453	55
2017	4	68001	6800101	1	26	10		0,5322		4322	23
2017	4	68001	6800115	1	26	10		0,4304		7202	31
2017	4	68001	6800113	1	26	10		0,3774		10333	39
2017	4	68001	6800110	1	26	10		0,9942		3420	34
2017	4	68001	6800104	1	26	10		0,7133		5187	37
2017	4	8001	800101	1	26	10		1,2657		22755	288
2017	4	8001	800104	1	26	10		0,608		60851	370
2017	4	68001	6800111	1	26	10		0,6277		3983	25
2017	4	68001	6800117	1	26	10		1,2575		1988	25
2017	4	5001	500111	1	26	10		0,9338		24846	232
2017	4	8001	800105	1	26	10		0,7727		12165	94



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC. LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	8001	800103	1	26	10		0,7828		26059	204
2017	4	8001	800102	1	26	10		1,3873		17876	248
2017	4	5001	500109	1	26	10		1,4594		8017	117
2017	4	5001	500110	1	26	10		0,714		57424	410
2017	4	5001	500108	1	26	10		1,4813		11071	164
2017	4	5001	500106	1	26	10		0,9745		8722	85
2017	4	5001	500103	1	26	10		1,1437		10317	118
2017	4	5001	500114	1	26	10		1,0547		22661	239
2017	4	5001	500112	1	26	10		1,0459		6406	67
2017	4	5001	500113	1	26	10		1,2234		8419	103
2017	4	5001	500102	1	26	10		1,082		10351	112
2017	4	5001	500107	1	26	10		1,398		18526	259
2017	4	5001	500104	1	26	10		1,5709		16296	256
2017	4	5001	500105	1	26	10		1,5104		16420	248
2017	4	5001	500115	1	26	10		0,8334		14878	124
2017	4	5001	500116	1	26	10		1,1311		15206	172
2017	4	5001	500101	1	26	10		0,6324		6958	44
2017	4	5001		1	26	10		1,0939		269030	2943
2017	4	8001		1	26	10		0,8743		141943	1241
2017	4	17001		1	26	10		0,661		52952	350
2017	4	68001		1	26	10		0,7447		69957	521
2017	4	76001		1	26	10		0,7684		190129	1461
2017	4	66001		1	26	10		1,1294		64369	727
2017	4	50001		1	26	10		1,2153		118238	1437
2017	4	63001		1	26	10		0,5218		42160	220
2017	4	76001	7600122	1	26	10		1,8799		4894	92
2017	4	76001	7600117	1	26	10		0,9914		13415	133
2017	4	76001	7600118	1	26	10		0,5905		8467	50
2017	4	76001	7600119	1	26	10		0,7109		20255	144
2017	4	76001	7600120	1	26	10		0,5923		2026	12
2017	4	76001	7600121	1	26	10		0,8877		1915	17
2017	4	76001	7600113	1	26	10		0,8849		8702	77
2017	4	76001	7600114	1	26	10		0,9487		10119	96
2017	4	76001	7600115	1	26	10		1,0599		5095	54
2017	4	76001	7600116	1	26	10		1,0563		8047	85
2017	4	76001	7600109	1	26	10		0,5594		7151	40
2017	4	76001	7600110	1	26	10		0,9709		6798	66
2017	4	76001	7600111	1	26	10		1,1113		6479	72
2017	4	11001	1100112	1	26	11		0,7537		42194	318
2017	4	11001	1100115	1	26	11		0,7171		18826	135
2017	4	11001	1100106	1	26	11		1,0169		25075	255
2017	4	11001	1100113	1	26	11		0,918		44772	411
2017	4	11001	1100118	1	26	11		1,3753		41447	570
2017	4	11001	1100109	1	26	11		0,6729		66722	449
2017	4	11001	1100114	1	26	11		0,7416		37352	277
2017	4	11001	1100103	1	26	11		0,8754		45924	402
2017	4	11001	1100102	1	26	11		0,8757		66572	583
2017	4	11001	1100111	1	26	11		0,8861		111167	985
2017	4	11001	1100105	1	26	11		0,8013		33319	267
2017	4	11001	1100108	1	26	11		0,9322		131623	1227
2017	4	11001	1100101	1	26	11		0,8153		76293	622
2017	4	11001	1100110	1	26	11		0,8451		94899	802
2017	4	11001	1100107	1	26	11		1,5496		78278	1213
2017	4	11001		1	26	11		1,0042	0,591	1091126	10957
2017	4	11001	1100119	1	26	11		1,9458		60439	1176
2017	4	11001	1100116	1	26	11		0,9654		54796	529
2017	4	11001	1100104	1	26	11		1,3103		43348	568
2017	4	11001	1100117	1	26	11		0,9292		18080	168
2017	4	85410		1	26		18	0,7141		6302	45
2017	4	81001		1	26	18		0,9523		28458	271
2017	4	15001		1	26	18		0,7435		41424	308
2017	4	85001		1	26	18		1,3521		54063	731
2017	4	17380		1	26		19	0,7898		14941	118
2017	4	5318		1	26		19	1,3209		9463	125
2017	4	25290		1	26		19	1,6575		23710	393
2017	4	20011		1	26		19	1,0726		14917	160
2017	4	5607		1	26		19	1,6584		3015	50
2017	4	44430		1	26		19	1,2219		24880	304
2017	4	68276		1	26		19	1,1789		25192	297
2017	4	54405		1	26		19	0,9693		10729	104
2017	4	68307		1	26		19	1,4241		19872	283
2017	4	15491		1	26		19	1,6362		2628	43
2017	4	25817		1	26		19	0,5864		9891	58
2017	4	5380		1	26		19	1,1946		9041	108
2017	4	73001	7300105	1	26	19		0,8909		4602	41
2017	4	73001	7300101	1	26	19		0,6984		8018	56
2017	4	5045		1	26		19	0,6449		22640	146
2017	4	5631		1	26		19	1,8557		4796	89
2017	4	68679		1	26		19	1,0616		8007	85



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	25214		1	26		19	1,6505		4423	73
2017	4	68081		1	26		19	1,3294		33623	447
2017	4	15238		1	26		19	1,1996		27092	325
2017	4	25430		1	26		19	1,3411		20505	275
2017	4	76111		1	26		19	1,117		7789	87
2017	4	5360		1	26		19	1,8317		22929	420
2017	4	25758		1	26		19	1,6292		4358	71
2017	4	25307		1	26		19	1,146		16580	190
2017	4	25377		1	26		19	0,978		6237	61
2017	4	25175		1	26		19	1,2105		20900	253
2017	4	54874		1	26		19	1,0024		10774	108
2017	4	50568		1	26		19	4,9597		9174	455
2017	4	25473		1	26		19	1,5359		16407	252
2017	4	52356		1	26		19	0,8234		12024	99
2017	4	5308		1	26		19	1,1901		6722	80
2017	4	8573		1	26		19	1,4531		5299	77
2017	4	5615		1	26		19	1,3787		26836	370
2017	4	5129		1	26		19	1,0546		11568	122
2017	4	50006		1	26		19	1,3445		22388	301
2017	4	25286		1	26		19	1,675		20836	349
2017	4	15572		1	26		19	1,7244		12410	214
2017	4	5088		1	26		19	1,7583		44077	775
2017	4	5837		1	26		19	2,0026		27215	545
2017	4	25799		1	26		19	1,3956		5159	72
2017	4	76130		1	26		19	1,1498		11915	137
2017	4	76364		1	26		19	1,4434		19399	280
2017	4	73268		1	26		19	1,0792		15938	172
2017	4	5376		1	26		19	1,3573		14367	195
2017	4	44847		1	26		19	1,3479		23073	311
2017	4	8758		1	26		19	3,8595		43529	1680
2017	4	76520		1	26		19	1,606		24409	392
2017	4	76892		1	26		19	1,1255		12617	142
2017	4	5212		1	26		19	1,2558		6689	84
2017	4	68547		1	26		19	1,4603		16230	237
2017	4	41551		1	26		19	1,1964		40205	481
2017	4	15759		1	26		19	0,9169		30974	284
2017	4	76147		1	26		19	0,9795		16131	158
2017	4	76834		1	26		19	1,0319		14827	153
2017	4	76109		1	26		19	0,92		31631	291
2017	4	52835		1	26		19	1,8905		24226	458
2017	4	73449		1	26		19	1,1188		8491	95
2017	4	25899		1	26		19	1,4449		21524	311
2017	4	20400		1	26		19	1,2449		9157	114
2017	4	54498		1	26		19	0,9379		22497	211
2017	4	25269		1	26		19	1,4943		22352	334
2017	4	44560		1	26		19	1,8203		7911	144
2017	4	66170		1	26		19	0,7372		20484	151
2017	4	25126		1	26		19	1,6382		15322	251
2017	4	5266		1	26		19	1,821		11148	203
2017	4	25754		1	26		19	1,274		80929	1031
2017	4	13001	1300103	1	26		19	1,3276		47379	629
2017	4	13001	1300101	1	26		19	0,9827		43046	423
2017	4	73001	7300111	1	26		19	0,7452		2818	21
2017	4	73001	7300112	1	26		19	0,729		3155	23
2017	4	73001	7300113	1	26		19	0,3035		3295	10
2017	4	13001	1300102	1	26		19	2,0176		47334	955
2017	4	73001	7300106	1	26		19	0,5779		4153	24
2017	4	73001	7300107	1	26		19	1,1417		7708	88
2017	4	73001	7300108	1	26		19	0,9131		8433	77
2017	4	73001	7300109	1	26		19	2,0945		10647	223
2017	4	73001	7300110	1	26		19	0,3903		6405	25
2017	4	73001	7300102	1	26		19	0,4035		1487	6
2017	4	73001	7300103	1	26		19	1,7702		2768	49
2017	4	73001	7300104	1	26		19	0,9048		4863	44
2017	4	41001		1	26		19	1,2615		55964	706
2017	4	20001		1	26		19	1,419		63920	907
2017	4	47001		1	26		19	1,0937		46538	509
2017	4	73001		1	26		19	1,1018		79141	872
2017	4	86001		2	26		19	1,5146		14591	221
2017	4	18001		1	26		19	0,9616		41806	402
2017	4	23001		1	26		19	1,3904		106372	1479
2017	4	70001		1	26		19	0,8968		47614	427
2017	4	19001		1	26		19	0,7457		73217	546
2017	4	88001		2	26		19	0,5324		5823	31
2017	4	54001		1	26		19	1,1339		95249	1080
2017	4	27001		2	26		19	1,5358		38871	597
2017	4	95001		2	26		19	0,5067		10460	53
2017	4	13001		1	26		19	1,4569		137759	2007
2017	4	44001		1	26		19	1,2999		27618	359



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	52001		1	26	19		1,4396		65574	944
2017	4	54001	5400107	1	26	19		0,9115		13275	121
2017	4	54001	5400109	1	26	19		1,1038		9060	100
2017	4	54001	5400102	1	26	19		0,906		5960	54
2017	4	54001	5400110	1	26	19		1,1437		5246	60
2017	4	54001	5400108	1	26	19		1,1442		16606	190
2017	4	54001	5400105	1	26	19		1,0979		6285	69
2017	4	54001	5400103	1	26	19		1,2191		6234	76
2017	4	54001	5400106	1	26	19		0,9634		12041	116
2017	4	54001	5400101	1	26	19		0,6867		8155	56
2017	4	54001	5400104	1	26	19		0,5822		5496	32
2017	4	11001	1100104	1	27	10		1,3513		43219	584
2017	4	11001	1100115	1	27	10		0,5497		18557	102
2017	4	11001	1100112	1	27	10		0,5498		42563	234
2017	4	11001	1100117	1	27	10		0,8376		16117	135
2017	4	11001	1100106	1	27	10		0,7944		24673	196
2017	4	11001	1100113	1	27	10		0,9585		42669	409
2017	4	11001	1100118	1	27	10		1,1885		41984	499
2017	4	11001	1100109	1	27	10		0,674		68394	461
2017	4	11001	1100114	1	27	10		0,6987		35353	247
2017	4	11001	1100103	1	27	10		0,8358		42472	355
2017	4	11001	1100102	1	27	10		0,7284		65623	478
2017	4	11001	1100111	1	27	10		0,9047		109986	995
2017	4	11001	1100105	1	27	10		0,6855		33989	233
2017	4	11001	1100108	1	27	10		0,969		132398	1283
2017	4	11001	1100101	1	27	10		0,8598		73968	636
2017	4	11001	1100110	1	27	10		0,7475		95784	716
2017	4	68001	6800108	1	27	10		1,3714		875	12
2017	4	68001	6800116	1	27	10		1,6729		2152	36
2017	4	68001	6800112	1	27	10		0,4769		9646	46
2017	4	11001	1100107	1	27	10		0,6995		69047	483
2017	4	68001	6800107	1	27	10		0,5401		1111	6
2017	4	68001	6800106	1	27	10		0,8486		4360	37
2017	4	68001	6800105	1	27	10		0,6787		4273	29
2017	4	68001	6800103	1	27	10		0,444		8333	37
2017	4	68001	6800115	1	27	10		0,4396		7734	34
2017	4	68001	6800113	1	27	10		0,6247		9605	60
2017	4	68001	6800110	1	27	10		0,822		3163	26
2017	4	68001	6800104	1	27	10		1,6488		6793	112
2017	4	8001	800101	1	27	10		1,4147		23539	333
2017	4	8001	800104	1	27	10		0,6399		58135	372
2017	4	68001	6800111	1	27	10		0,6004		4497	27
2017	4	68001	6800117	1	27	10		0,9611		2185	21
2017	4	68001	6800101	1	27	10		0,5029		4176	21
2017	4	8001	800105	1	27	10		0,6966		12346	86
2017	4	8001	800103	1	27	10		0,7387		25178	186
2017	4	8001	800102	1	27	10		1,4312		16559	237
2017	4	8001		1	27	10		0,8889		137927	1226
2017	4	63001		1	27	10		0,4063		41099	167
2017	4	11001		1	27	10		0,8716	0,7067	1069323	9320
2017	4	66001		1	27	10		0,9723		63150	614
2017	4	76001		1	27	10		0,7174		196126	1407
2017	4	68001		1	27	10		0,741		69905	518
2017	4	76001	7600122	1	27	10		1,8959		4958	94
2017	4	76001	7600118	1	27	10		0,502		8367	42
2017	4	76001	7600119	1	27	10		0,6818		21122	144
2017	4	76001	7600120	1	27	10		0,7165		1954	14
2017	4	76001	7600121	1	27	10		0,7285		3020	22
2017	4	76001	7600113	1	27	10		0,6984		9307	65
2017	4	76001	7600114	1	27	10		0,9331		10610	99
2017	4	76001	7600115	1	27	10		0,7605		4997	38
2017	4	76001	7600116	1	27	10		0,6328		7269	46
2017	4	76001	7600117	1	27	10		0,785		14012	110
2017	4	76001	7600109	1	27	10		0,7355		7478	55
2017	4	76001	7600110	1	27	10		0,8451		7218	61
2017	4	76001	7600111	1	27	10		1,1961		6187	74
2017	4	76001	7600112	1	27	10		1,622		1603	26
2017	4	76001	7600105	1	27	10		0,5767		6416	37
2017	4	76001	7600106	1	27	10		0,8595		6283	54
2017	4	76001	7600107	1	27	10		0,5144		5443	28
2017	4	76001	7600108	1	27	10		0,8208		8285	68
2017	4	11001	1100119	1	27	10		1,1808		57167	675
2017	4	76001	7600101	1	27	10		0,4783		2927	14
2017	4	76001	7600102	1	27	10		0,4641		25209	117
2017	4	76001	7600103	1	27	10		0,4613		17775	82
2017	4	76001	7600104	1	27	10		0,2701		9255	25
2017	4	11001	1100116	1	27	10		1,082		55360	599
2017	4	15001		1	27	18		0,8112		41295	335
2017	4	95001		2	27	18		0,6967		11627	81



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	85001		1	27	18		1,4776		55564	821
2017	4	81001		1	27	18		0,7839		30105	236
2017	4	25754		1	27		19	1,1532		80300	926
2017	4	17380		1	27		19	1,0615		16768	178
2017	4	5318		1	27		19	1,3592		9785	133
2017	4	25290		1	27		19	1,4966		23520	352
2017	4	5607		1	27		19	0,5604		3212	18
2017	4	44430		1	27		19	1,3462		25331	341
2017	4	68276		1	27		19	1,52		23948	364
2017	4	54405		1	27		19	1,0322		10463	108
2017	4	68307		1	27		19	1,2713		20216	257
2017	4	15491		1	27		19	1,9699		2589	51
2017	4	25817		1	27		19	0,8887		10352	92
2017	4	5380		1	27		19	1,2693		9375	119
2017	4	73001	7300105	1	27	19		0,9966		4415	44
2017	4	50001	5000106	1	27	19		0,6528		3983	26
2017	4	50001	5000107	1	27	19		0,9751		12717	124
2017	4	50001	5000108	1	27	19		1,0706		9154	98
2017	4	73001	7300101	1	27	19		0,8872		7890	70
2017	4	50001	5000101	1	27	19		0,6783		6339	43
2017	4	50001	5000102	1	27	19		0,8872		8341	74
2017	4	50001	5000103	1	27	19		0,7892		9503	75
2017	4	50001	5000104	1	27	19		0,6767		11822	80
2017	4	50001	5000105	1	27	19		0,7059		21534	152
2017	4	5045		1	27		19	0,6122		24666	151
2017	4	5631		1	27		19	1,5291		4774	73
2017	4	68679		1	27		19	0,9615		7904	76
2017	4	25214		1	27		19	1,9888		4626	92
2017	4	68081		1	27		19	1,1904		34862	415
2017	4	15238		1	27		19	1,0013		26966	270
2017	4	25430		1	27		19	1,1336		21437	243
2017	4	76111		1	27		19	1,1567		7954	92
2017	4	5360		1	27		19	1,5037		23343	351
2017	4	25758		1	27		19	2,439		4592	112
2017	4	25307		1	27		19	1,0433		18115	189
2017	4	25377		1	27		19	1,2234		5885	72
2017	4	85410		1	27		19	1,1586		5869	68
2017	4	25175		1	27		19	1,1272		21558	243
2017	4	54874		1	27		19	1,3104		10226	134
2017	4	50568		1	27		19	2,4221		7927	192
2017	4	25473		1	27		19	1,5486		15821	245
2017	4	52356		1	27		19	0,7818		13047	102
2017	4	5308		1	27		19	0,8926		7618	68
2017	4	8573		1	27		19	1,1817		4908	58
2017	4	5615		1	27		19	1,3133		27640	363
2017	4	5129		1	27		19	1,5789		12097	191
2017	4	50006		1	27		19	0,9698		22686	220
2017	4	25286		1	27		19	1,6312		22070	360
2017	4	44847		1	27		19	1,3243		23560	312
2017	4	15572		1	27		19	1,7287		13478	233
2017	4	5088		1	27		19	1,567		45372	711
2017	4	5837		1	27		19	1,5164		31390	476
2017	4	25799		1	27		19	1,0983		5918	65
2017	4	76130		1	27		19	1,0729		10719	115
2017	4	76364		1	27		19	2,0101		19900	400
2017	4	73268		1	27		19	1,0494		16867	177
2017	4	5376		1	27		19	1,2712		15576	198
2017	4	8758		1	27		19	1,3768		43578	600
2017	4	76520		1	27		19	1,2776		24577	314
2017	4	76892		1	27		19	0,9528		13224	126
2017	4	5212		1	27		19	1,1608		7667	89
2017	4	68547		1	27		19	1,3865		16084	223
2017	4	41551		1	27		19	1,1429		38935	445
2017	4	15759		1	27		19	0,8022		33905	272
2017	4	76147		1	27		19	0,7325		17066	125
2017	4	76834		1	27		19	1,1733		14660	172
2017	4	76109		1	27		19	0,8722		31873	278
2017	4	52835		1	27		19	1,7478		26491	463
2017	4	73449		1	27		19	1,3531		8647	117
2017	4	25899		1	27		19	1,4673		22968	337
2017	4	54498		1	27		19	0,7414		22661	168
2017	4	25269		1	27		19	1,6368		23643	387
2017	4	44560		1	27		19	1,1733		7756	91
2017	4	66170		1	27		19	0,6539		20644	135
2017	4	25126		1	27		19	1,8295		15141	277
2017	4	5266		1	27		19	1,4393		11464	165
2017	4	5001	500111	1	27	19		1,3106		10148	133
2017	4	5001	500109	1	27	19		1,9649		11400	224
2017	4	5001	500110	1	27	19		1,0704		27374	293



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AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLLAMADAS CAIDAS 2G	PORC LLLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5001	500108	1	27	19		1,4684		15323	225
2017	4	5001	500106	1	27	19		1,3482		13277	179
2017	4	5001	500103	1	27	19		1,2281		15553	191
2017	4	5001	500114	1	27	19		1,2951		9961	129
2017	4	5001	500112	1	27	19		1,3259		5355	71
2017	4	5001	500113	1	27	19		1,3474		12617	170
2017	4	5001	500102	1	27	19		1,172		16297	191
2017	4	5001	500107	1	27	19		1,4721		24387	359
2017	4	5001	500104	1	27	19		1,5413		18491	285
2017	4	5001	500105	1	27	19		1,5558		18190	283
2017	4	5001	500115	1	27	19		1,1951		7782	93
2017	4	13001	1300103	1	27	19		1,3285		48175	640
2017	4	13001	1300101	1	27	19		0,9787		43222	423
2017	4	5001	500116	1	27	19		1,0508		12943	136
2017	4	5001	500101	1	27	19		1,0167		11705	119
2017	4	73001	7300111	1	27	19		0,3622		3037	11
2017	4	73001	7300112	1	27	19		0,924		3355	31
2017	4	73001	7300113	1	27	19		0,6494		3080	20
2017	4	13001	1300102	1	27	19		1,7063		45889	783
2017	4	73001	7300106	1	27	19		0,8918		4261	38
2017	4	73001	7300107	1	27	19		1,0881		7812	85
2017	4	73001	7300108	1	27	19		1,099		8553	94
2017	4	73001	7300109	1	27	19		2,1235		10737	228
2017	4	73001	7300110	1	27	19		0,4871		6570	32
2017	4	73001	7300102	1	27	19		0,264		1515	4
2017	4	73001	7300103	1	27	19		0,7104		3097	22
2017	4	73001	7300104	1	27	19		0,8342		4915	41
2017	4	5001		1	27	19		1,354		246446	3337
2017	4	86001		2	27	19		1,7769		14576	259
2017	4	23001		1	27	19		1,3192		114239	1507
2017	4	18001		1	27	19		0,7469		42845	320
2017	4	27001		2	27	19		1,2777		38350	490
2017	4	50001		1	27	19		0,9918		107890	1070
2017	4	17001		1	27	19		0,8303		46366	385
2017	4	19001		1	27	19		0,6704		72939	489
2017	4	54001		1	27	19		1,1264		96328	1085
2017	4	47001		1	27	19		0,9818		46650	458
2017	4	73001		1	27	19		1,1377		79811	908
2017	4	44001		1	27	19		1,2692		28838	366
2017	4	41001		1	27	19		1,1774		57245	674
2017	4	20001		1	27	19		1,1241		93316	1049
2017	4	52001		1	27	19		1,2128		65549	795
2017	4	13001		1	27	19		1,3446		137286	1846
2017	4	70001		1	27	19		0,8957		53141	476
2017	4	54001	5400107	1	27	19		0,9547		13408	128
2017	4	54001	5400109	1	27	19		1,2054		9043	109
2017	4	54001	5400102	1	27	19		1,0184		6088	62
2017	4	54001	5400110	1	27	19		1,2154		5348	65
2017	4	54001	5400108	1	27	19		0,9828		16891	166
2017	4	54001	5400105	1	27	19		1,0195		6866	70
2017	4	54001	5400103	1	27	19		0,9656		6214	60
2017	4	54001	5400106	1	27	19		0,8892		11921	106
2017	4	54001	5400101	1	27	19		0,8137		8111	66
2017	4	54001	5400104	1	27	19		0,7343		5447	40
2017	4	20400		1	27		20	4,0073		8235	330
2017	4	88001		2	27	20		1,2198		4919	60
2017	4	20011		1	27		20	1,6796		12324	207
2017	4	11001	1100119	1	28	9		1,0425		53715	560
2017	4	11001	1100112	1	28	9		1,3837		48277	668
2017	4	11001	1100106	1	28	9		0,8484		23457	199
2017	4	11001	1100113	1	28	9		0,8507		40438	344
2017	4	11001	1100118	1	28	9		1,0819		38729	419
2017	4	11001	1100109	1	28	9		0,6686		66711	446
2017	4	11001	1100114	1	28	9		0,6466		32013	207
2017	4	11001	1100103	1	28	9		0,806		37098	299
2017	4	11001	1100102	1	28	9		1,3882		87884	1220
2017	4	11001	1100105	1	28	9		0,9125		32001	292
2017	4	11001	1100108	1	28	9		0,9015		134772	1215
2017	4	11001	1100101	1	28	9		1,8755		128766	2415
2017	4	11001	1100110	1	28	9		0,9349		92524	865
2017	4	11001	1100107	1	28	9		0,7139		66115	472
2017	4	11001	1100111	1	28	9		1,4819		143124	2121
2017	4	11001		1	28	9		1,1189	0,375	1149106	12857
2017	4	54001		1	28	9		0,9699		97744	948
2017	4	54001	5400107	1	28	9		0,8052		11550	93
2017	4	54001	5400109	1	28	9		1,0912		7423	81
2017	4	54001	5400102	1	28	9		0,6325		7273	46
2017	4	54001	5400110	1	28	9		1,138		5009	57
2017	4	54001	5400108	1	28	9		1,2876		13746	177



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_2G	PORC_LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	54001	5400105	1	28	9		0,5081		5707	29
2017	4	54001	5400103	1	28	9		0,8352		5268	44
2017	4	54001	5400106	1	28	9		0,9189		13712	126
2017	4	54001	5400101	1	28	9		0,4873		18469	90
2017	4	54001	5400104	1	28	9		1,0618		3202	34
2017	4	11001	1100116	1	28	9		0,6972		52067	363
2017	4	11001	1100104	1	28	9		1,2788		40271	515
2017	4	11001	1100115	1	28	9		0,6874		17166	118
2017	4	11001	1100117	1	28	9		0,8513		13978	119
2017	4	68001	6800108	1	28	10		0,9081		881	8
2017	4	76001	7600104	1	28	10		0,2394		9190	22
2017	4	68001	6800112	1	28	10		0,4117		9958	41
2017	4	68001	6800107	1	28	10		0,5338		1124	6
2017	4	68001	6800106	1	28	10		0,7869		4956	39
2017	4	68001	6800105	1	28	10		1,7586		4549	80
2017	4	68001	6800103	1	28	10		0,5539		8486	47
2017	4	68001	6800115	1	28	10		0,2282		7887	18
2017	4	68001	6800113	1	28	10		0,5323		10332	55
2017	4	68001	6800110	1	28	10		0,7505		3331	25
2017	4	68001	6800104	1	28	10		0,9001		6666	60
2017	4	8001	800101	1	28	10		1,0544		23141	244
2017	4	8001	800104	1	28	10		0,5977		59223	354
2017	4	68001	6800111	1	28	10		0,7244		3313	24
2017	4	68001	6800117	1	28	10		1,1456		2095	24
2017	4	68001	6800101	1	28	10		0,5804		3963	23
2017	4	8001	800105	1	28	10		0,8015		12352	99
2017	4	8001	800103	1	28	10		0,7601		25655	195
2017	4	8001	800102	1	28	10		1,4088		17391	245
2017	4	68001		1	28	10		0,7089		70950	503
2017	4	76001		1	28	10		0,6648		195536	1300
2017	4	66001		1	28	10		1,2118		65853	798
2017	4	63001		1	28	10		0,479		41548	199
2017	4	8001		1	28	10		0,8339		139702	1165
2017	4	17001		1	28	10		0,5921		54554	323
2017	4	76001	7600122	1	28	10		2,0791		4954	103
2017	4	76001	7600118	1	28	10		0,381		8661	33
2017	4	76001	7600119	1	28	10		0,6117		20599	126
2017	4	76001	7600120	1	28	10		0,313		1917	6
2017	4	76001	7600121	1	28	10		0,5265		3039	16
2017	4	76001	7600113	1	28	10		0,4815		9138	44
2017	4	76001	7600114	1	28	10		0,8541		10772	92
2017	4	76001	7600115	1	28	10		0,8011		4993	40
2017	4	76001	7600116	1	28	10		0,7221		6786	49
2017	4	76001	7600117	1	28	10		0,6984		14033	98
2017	4	76001	7600109	1	28	10		0,6974		7169	50
2017	4	76001	7600110	1	28	10		0,7485		7482	56
2017	4	76001	7600111	1	28	10		1,2445		6107	76
2017	4	76001	7600112	1	28	10		1,5123		1587	24
2017	4	76001	7600105	1	28	10		0,4755		6519	31
2017	4	76001	7600106	1	28	10		0,6858		6270	43
2017	4	76001	7600107	1	28	10		0,4469		5147	23
2017	4	76001	7600108	1	28	10		0,6096		7382	45
2017	4	76001	7600101	1	28	10		1,1628		2924	34
2017	4	76001	7600102	1	28	10		0,4212		26351	111
2017	4	76001	7600103	1	28	10		0,3951		17972	71
2017	4	68001	6800116	1	28	10		1,7403		2241	39
2017	4	15491		1	28		18	1,9157		3132	60
2017	4	50001	5000106	1	28	18		0,683		5417	37
2017	4	50001	5000107	1	28	18		0,9656		15224	147
2017	4	50001	5000108	1	28	18		0,7734		10214	79
2017	4	50001	5000102	1	28	18		0,7903		13159	104
2017	4	50001	5000103	1	28	18		0,5964		11401	68
2017	4	50001	5000104	1	28	18		0,668		12426	83
2017	4	50001	5000105	1	28	18		0,5808		23590	137
2017	4	50001	5000101	1	28	18		0,7835		8168	64
2017	4	15238		1	28		18	0,8164		34788	284
2017	4	85410		1	28		18	1,0101		6237	63
2017	4	15572		1	28		18	1,4817		14780	219
2017	4	15759		1	28		18	0,6829		41002	280
2017	4	81001		1	28	18		0,6495		29409	191
2017	4	50001		1	28	18		0,9285		125897	1169
2017	4	27001		2	28	18		1,1366		40910	465
2017	4	15001		1	28	18		0,8505		43151	367
2017	4	85001		1	28	18		1,1708		56544	662
2017	4	5001	500109	1	28	19		1,5294		11704	179
2017	4	5001	500110	1	28	19		1,0032		30403	305
2017	4	5001	500108	1	28	19		1,414		16549	234
2017	4	5001	500106	1	28	19		1,4493		13593	197
2017	4	5001	500114	1	28	19		1,3168		10176	134



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	5001	500112	1	28	19		1,3283		5797	77
2017	4	5001	500113	1	28	19		1,2658		12482	158
2017	4	5001	500102	1	28	19		1,2784		17443	223
2017	4	5001	500107	1	28	19		1,7159		25409	436
2017	4	5001	500104	1	28	19		2,0611		18728	386
2017	4	5001	500105	1	28	19		1,7039		20600	351
2017	4	5001	500115	1	28	19		1,1122		8542	95
2017	4	5001	500103	1	28	19		1,0222		16240	166
2017	4	13001	1300103	1	28	19		1,2187		47264	576
2017	4	13001	1300101	1	28	19		0,97		44330	430
2017	4	5001	500116	1	28	19		0,8429		14473	122
2017	4	5001	500101	1	28	19		0,9943		11968	119
2017	4	73001	7300111	1	28	19		0,5662		3179	18
2017	4	73001	7300112	1	28	19		0,7448		3491	26
2017	4	73001	7300113	1	28	19		0,7831		3448	27
2017	4	13001	1300102	1	28	19		1,6268		46226	752
2017	4	73001	7300107	1	28	19		1,1304		7873	89
2017	4	73001	7300108	1	28	19		1,1797		8985	106
2017	4	73001	7300109	1	28	19		1,7944		11536	207
2017	4	73001	7300110	1	28	19		0,4908		6928	34
2017	4	73001	7300102	1	28	19		0,9204		1521	14
2017	4	73001	7300103	1	28	19		0,6298		3017	19
2017	4	73001	7300104	1	28	19		0,79		4810	38
2017	4	73001	7300105	1	28	19		0,8395		4884	41
2017	4	70001		1	28	19		0,8757		52074	456
2017	4	18001		1	28	19		0,9056		42294	383
2017	4	23001		1	28	19		1,3217		115609	1528
2017	4	47001		1	28	19		1,0194		50228	512
2017	4	86001		2	28	19		1,7644		14736	260
2017	4	13001		1	28	19		1,2756		137820	1758
2017	4	73001		1	28	19		1,0815		83677	905
2017	4	5001		1	28	19		1,3805		261285	3607
2017	4	19001		1	28	19		0,653		75955	496
2017	4	20001		1	28	19		1,4049		68121	957
2017	4	52001		1	28	19		1,2411		69215	859
2017	4	44001		1	28	19		1,3828		30446	421
2017	4	95001		2	28	19		0,7779		10413	81
2017	4	41001		1	28	19		1,1334		58850	667
2017	4	5318		1	28		19	1,2066		10691	129
2017	4	25290		1	28		19	1,5709		24827	390
2017	4	20011		1	28		19	1,2617		15614	197
2017	4	44430		1	28		19	1,2912		26565	343
2017	4	68276		1	28		19	1,2075		27329	330
2017	4	54405		1	28		19	0,9479		11183	106
2017	4	25754		1	28		19	1,0783		86807	936
2017	4	68307		1	28		19	1,3183		20632	272
2017	4	25817		1	28		19	0,7846		10451	82
2017	4	5380		1	28		19	1,0429		10164	106
2017	4	5607		1	28		19	0,5571		3231	18
2017	4	73001	7300106	1	28	19		0,2351		4254	10
2017	4	73001	7300101	1	28	19		0,8379		8951	75
2017	4	5631		1	28		19	1,1905		6216	74
2017	4	68679		1	28		19	0,6579		8968	59
2017	4	25214		1	28		19	1,315		5019	66
2017	4	68081		1	28		19	1,1439		35231	403
2017	4	25430		1	28		19	1,1499		21132	243
2017	4	76111		1	28		19	1,1395		8425	96
2017	4	5045		1	28		19	0,5198		27128	141
2017	4	5360		1	28		19	1,4232		26208	373
2017	4	25758		1	28		19	1,6374		5069	83
2017	4	25307		1	28		19	1,0653		18210	194
2017	4	25377		1	28		19	1,4588		5758	84
2017	4	25175		1	28		19	1,385		22238	308
2017	4	54874		1	28		19	0,9805		10607	104
2017	4	50568		1	28		19	2,0684		8364	173
2017	4	25473		1	28		19	1,3863		16951	235
2017	4	52356		1	28		19	0,643		13063	84
2017	4	5308		1	28		19	0,7641		7722	59
2017	4	8573		1	28		19	1,2441		5466	68
2017	4	5615		1	28		19	1,1993		29933	359
2017	4	5129		1	28		19	1,2919		13236	171
2017	4	50006		1	28		19	1,1502		23214	267
2017	4	25286		1	28		19	1,5883		22854	363
2017	4	5088		1	28		19	1,5414		48528	748
2017	4	5837		1	28		19	1,6979		31332	532
2017	4	25799		1	28		19	1,1894		5465	65
2017	4	76364		1	28		19	1,3085		20405	267
2017	4	73268		1	28		19	1,1967		17716	212
2017	4	5376		1	28		19	1,3914		16674	232





## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	44847		1	28		19	1,2014		25137	302
2017	4	8758		1	28		19	1,4222		45635	649
2017	4	76520		1	28		19	1,4049		26407	371
2017	4	76892		1	28		19	1,1384		14846	169
2017	4	5212		1	28		19	1,3033		7826	102
2017	4	76130		1	28		19	1,2485		11294	141
2017	4	68547		1	28		19	1,5712		17312	272
2017	4	41551		1	28		19	1,0728		39244	421
2017	4	76147		1	28		19	0,6593		17745	117
2017	4	76834		1	28		19	1,1656		14585	170
2017	4	76109		1	28		19	0,9218		34173	315
2017	4	52835		1	28		19	2,1602		26571	574
2017	4	73449		1	28		19	1,2772		9474	121
2017	4	25899		1	28		19	1,291		23238	300
2017	4	20400		1	28		19	1,0286		10014	103
2017	4	54498		1	28		19	0,9335		23352	218
2017	4	25269		1	28		19	1,4125		22867	323
2017	4	44560		1	28		19	1,6049		8225	132
2017	4	66170		1	28		19	0,7325		22798	167
2017	4	25126		1	28		19	1,7676		15841	280
2017	4	5266		1	28		19	1,2423		12477	155
2017	4	17380		1	28		19	0,9178		16126	148
2017	4	5001	500111	1	28	19		1,2124		10640	129
2017	4	88001		2	28	20		0,6388		5166	33
2017	4	73001	7300103	1	29	10		0,3892		5395	21
2017	4	73001	7300104	1	29	10		0,7329		5321	39
2017	4	73001	7300105	1	29	10		0,8418		5108	43
2017	4	66001		1	29	10		1,0124		62131	629
2017	4	13001		1	29	10		1,0174		150379	1530
2017	4	50001		1	29	10		0,9214		117429	1082
2017	4	73001		1	29	10		0,9196		91779	844
2017	4	5001		1	29	10		1,0798		249947	2699
2017	4	15001		1	29	10		0,665		36389	242
2017	4	8001		1	29	10		0,8353		135881	1135
2017	4	41001		1	29	10		0,984		64024	630
2017	4	68001		1	29	10		0,8427		64912	547
2017	4	54001		1	29	10		0,8484		109262	927
2017	4	52001		1	29	10		0,8942		71012	635
2017	4	76001		1	29	10		0,6945		183869	1277
2017	4	17001		1	29	10		0,6524		51659	337
2017	4	54001	5400107	1	29	10		0,6883		12059	83
2017	4	54001	5400109	1	29	10		0,7883		8372	66
2017	4	54001	5400102	1	29	10		0,8172		8321	68
2017	4	54001	5400110	1	29	10		0,8291		5066	42
2017	4	54001	5400108	1	29	10		0,8034		13816	111
2017	4	54001	5400105	1	29	10		0,7196		9727	70
2017	4	54001	5400103	1	29	10		0,9347		5670	53
2017	4	76001	7600122	1	29	10		1,8536		4154	77
2017	4	54001	5400106	1	29	10		0,7085		13974	99
2017	4	54001	5400101	1	29	10		0,4906		19568	96
2017	4	54001	5400104	1	29	10		0,7648		6145	47
2017	4	76001	7600118	1	29	10		0,4026		8694	35
2017	4	76001	7600119	1	29	10		0,7285		15923	116
2017	4	76001	7600120	1	29	10		0,4562		1973	9
2017	4	76001	7600121	1	29	10		1,104		3261	36
2017	4	76001	7600113	1	29	10		0,5337		8994	48
2017	4	76001	7600114	1	29	10		0,8004		11869	95
2017	4	76001	7600115	1	29	10		0,6823		5716	39
2017	4	76001	7600116	1	29	10		0,8368		8485	71
2017	4	76001	7600117	1	29	10		0,8133		13771	112
2017	4	76001	7600109	1	29	10		0,649		7242	47
2017	4	76001	7600110	1	29	10		0,7668		7825	60
2017	4	76001	7600111	1	29	10		0,8242		7280	60
2017	4	76001	7600112	1	29	10		1,1392		1580	18
2017	4	76001	7600105	1	29	10		0,4121		6552	27
2017	4	76001	7600106	1	29	10		0,7157		6427	46
2017	4	76001	7600107	1	29	10		0,4995		4605	23
2017	4	76001	7600108	1	29	10		0,8357		8017	67
2017	4	76001	7600101	1	29	10		0,7918		3031	24
2017	4	76001	7600102	1	29	10		0,4532		19859	90
2017	4	76001	7600103	1	29	10		0,3259		13503	44
2017	4	76001	7600104	1	29	10		0,2329		8158	19
2017	4	73001	7300106	1	29	10		0,4279		3739	16
2017	4	50001	5000106	1	29	10		0,495		4444	22
2017	4	50001	5000107	1	29	10		0,8336		14755	123
2017	4	50001	5000108	1	29	10		0,9262		9177	85
2017	4	73001	7300101	1	29	10		0,4161		13217	55
2017	4	50001	5000102	1	29	10		0,6968		15069	105
2017	4	50001	5000103	1	29	10		0,4308		12534	54



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	50001	5000104	1	29	10		0,6542		10700	70
2017	4	50001	5000105	1	29	10		0,732		19536	143
2017	4	50001	5000101	1	29	10		1,1265		7723	87
2017	4	76111		1	29		10	0,6495		10008	65
2017	4	76364		1	29		10	1,075		21024	226
2017	4	76520		1	29		10	1,5873		29358	466
2017	4	76892		1	29		10	0,7208		19284	139
2017	4	76130		1	29		10	0,9227		11054	102
2017	4	76147		1	29		10	0,6347		19538	124
2017	4	76834		1	29		10	1,0997		17278	190
2017	4	76109		1	29		10	0,8783		34614	304
2017	4	68001	6800108	1	29	10		0,7136		981	7
2017	4	68001	6800116	1	29	10		1,4588		2125	31
2017	4	68001	6800112	1	29	10		0,5528		7597	42
2017	4	68001	6800107	1	29	10		0,5333		1125	6
2017	4	68001	6800106	1	29	10		1,1212		4192	47
2017	4	68001	6800105	1	29	10		2,2145		4606	102
2017	4	68001	6800103	1	29	10		0,747		8701	65
2017	4	68001	6800115	1	29	10		0,3943		6341	25
2017	4	68001	6800113	1	29	10		0,6263		8942	56
2017	4	68001	6800110	1	29	10		0,7141		3361	24
2017	4	68001	6800104	1	29	10		0,9985		6610	66
2017	4	8001	800101	1	29	10		1,0843		24164	262
2017	4	8001	800104	1	29	10		0,5452		53561	292
2017	4	68001	6800111	1	29	10		0,6314		2534	16
2017	4	68001	6800117	1	29	10		1,2254		2285	28
2017	4	68001	6800101	1	29	10		0,4858		4323	21
2017	4	5001	500111	1	29	10		0,9228		17230	159
2017	4	8001	800105	1	29	10		0,6211		11753	73
2017	4	8001	800103	1	29	10		0,9073		26232	238
2017	4	8001	800102	1	29	10		1,3543		18164	246
2017	4	5001	500109	1	29	10		1,1996		8920	107
2017	4	5001	500110	1	29	10		0,7835		47227	370
2017	4	5001	500108	1	29	10		1,4112		12330	174
2017	4	5001	500106	1	29	10		1,1519		9376	108
2017	4	5001	500114	1	29	10		0,9229		15387	142
2017	4	5001	500112	1	29	10		1,3342		6521	87
2017	4	5001	500113	1	29	10		0,9717		9468	92
2017	4	5001	500102	1	29	10		1,1213		10880	122
2017	4	5001	500107	1	29	10		1,2031		20114	242
2017	4	5001	500104	1	29	10		1,2859		16098	207
2017	4	5001	500105	1	29	10		1,3414		16326	219
2017	4	5001	500115	1	29	10		0,621		12399	77
2017	4	5001	500103	1	29	10		1,1781		10950	129
2017	4	13001	1300103	1	29	10		1,1519		47314	545
2017	4	13001	1300101	1	29	10		0,7919		56197	445
2017	4	5001	500116	1	29	10		1,0204		15288	156
2017	4	5001	500101	1	29	10		0,8663		7619	66
2017	4	73001	7300111	1	29	10		0,3577		2516	9
2017	4	73001	7300112	1	29	10		0,7937		3150	25
2017	4	73001	7300113	1	29	10		0,5104		2743	14
2017	4	13001	1300102	1	29	10		1,1522		46868	540
2017	4	73001	7300107	1	29	10		0,8147		7610	62
2017	4	73001	7300108	1	29	10		0,9098		8134	74
2017	4	73001	7300109	1	29	10		1,604		14651	235
2017	4	73001	7300110	1	29	10		0,4603		9342	43
2017	4	73001	7300102	1	29	10		0,3715		1346	5
2017	4	11001	1100119	1	29	11		1,1789		60396	712
2017	4	11001	1100112	1	29	11		0,5407		36622	198
2017	4	11001	1100106	1	29	11		0,8499		27884	237
2017	4	11001	1100113	1	29	11		0,8343		29606	247
2017	4	11001	1100118	1	29	11		1,2112		43842	531
2017	4	11001	1100109	1	29	11		0,8868		62018	550
2017	4	11001	1100114	1	29	11		0,6938		33293	231
2017	4	11001	1100103	1	29	11		0,7016		35063	246
2017	4	11001	1100102	1	29	11		0,6983		40240	281
2017	4	11001	1100111	1	29	11		0,8458		113971	964
2017	4	11001	1100105	1	29	11		0,6486		35154	228
2017	4	11001	1100108	1	29	11		1,1362		141353	1606
2017	4	11001	1100101	1	29	11		0,8699		63568	553
2017	4	11001	1100110	1	29	11		0,8514		100185	853
2017	4	11001	1100107	1	29	11		0,7965		77461	617
2017	4	11001		1	29	11		0,9045	0,3017	1023294	9256
2017	4	63001		1	29	11		0,5726		40695	233
2017	4	11001	1100116	1	29	11		0,8376		47280	396
2017	4	11001	1100104	1	29	11		1,351		44560	602
2017	4	11001	1100115	1	29	11		0,6084		19231	117
2017	4	11001	1100117	1	29	11		0,7521		11567	87
2017	4	25290		1	29		18	1,4204		29358	417



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	81001		1	29	18		0,8907		29304	261
2017	4	25754		1	29		18	1,0422		90096	939
2017	4	68307		1	29		18	1,2318		22488	277
2017	4	15491		1	29		18	1,6221		3144	51
2017	4	25817		1	29		18	0,6006		12988	78
2017	4	68679		1	29		18	0,7512		10117	76
2017	4	25214		1	29		18	0,9106		4832	44
2017	4	68081		1	29		18	1,0288		36547	376
2017	4	15238		1	29		18	0,9043		33287	301
2017	4	25430		1	29		18	1,1546		22173	256
2017	4	25758		1	29		18	1,4095		5392	76
2017	4	25307		1	29		18	1,2078		27405	331
2017	4	25377		1	29		18	1,341		6935	93
2017	4	85410		1	29		18	0,7637		5892	45
2017	4	25175		1	29		18	0,9498		23583	224
2017	4	50568		1	29		18	3,6914		8100	299
2017	4	25473		1	29		18	1,1302		16900	191
2017	4	50006		1	29		18	1,1599		24312	282
2017	4	25286		1	29		18	1,3474		22711	306
2017	4	15572		1	29		18	1,3094		14358	188
2017	4	25799		1	29		18	1,489		7119	106
2017	4	68547		1	29		18	1,3463		23621	318
2017	4	15759		1	29		18	0,7875		39490	311
2017	4	25899		1	29		18	1,1636		24406	284
2017	4	25269		1	29		18	1,4967		25923	388
2017	4	25126		1	29		18	1,1948		16906	202
2017	4	85001		1	29	18		1,1978		52764	632
2017	4	68276		1	29		18	1,0258		28174	289
2017	4	5318		1	29		19	1,0944		10782	118
2017	4	20011		1	29		19	1,04		14327	149
2017	4	44430		1	29		19	1,3586		26129	355
2017	4	54405		1	29		19	0,5703		12450	71
2017	4	5380		1	29		19	1,3022		8831	115
2017	4	5607		1	29		19	0,6285		2864	18
2017	4	5631		1	29		19	1,1497		4697	54
2017	4	5045		1	29		19	0,5856		28175	165
2017	4	5360		1	29		19	1,481		24308	360
2017	4	54874		1	29		19	0,972		11111	108
2017	4	52356		1	29		19	0,8579		13522	116
2017	4	5308		1	29		19	0,8394		9173	77
2017	4	8573		1	29		19	0,9284		4955	46
2017	4	5615		1	29		19	1,141		29624	338
2017	4	5129		1	29		19	1,0737		13132	141
2017	4	5088		1	29		19	1,6121		47392	764
2017	4	5837		1	29		19	1,6529		31944	528
2017	4	73268		1	29		19	1,0481		19368	203
2017	4	5376		1	29		19	1,2508		17669	221
2017	4	44847		1	29		19	0,8716		24322	212
2017	4	8758		1	29		19	0,8324		48533	404
2017	4	5212		1	29		19	1,4738		7735	114
2017	4	41551		1	29		19	1,0718		40026	429
2017	4	52835		1	29		19	1,6328		26580	434
2017	4	73449		1	29		19	1,0295		11171	115
2017	4	20400		1	29		19	1,0029		9074	91
2017	4	54498		1	29		19	0,7411		22398	166
2017	4	44560		1	29		19	1,3462		7874	106
2017	4	66170		1	29		19	0,7383		20994	155
2017	4	5266		1	29		19	1,2548		9962	125
2017	4	17380		1	29		19	0,7403		15265	113
2017	4	95001		2	29	19		0,7013		9696	68
2017	4	70001		1	29	19		0,914		52186	477
2017	4	86001		2	29	19		1,4066		13863	195
2017	4	44001		1	29	19		1,3149		28671	377
2017	4	23001		1	29	19		1,3308		114740	1527
2017	4	27001		2	29	19		1,2259		40540	497
2017	4	19001		1	29	19		0,6922		72809	504
2017	4	20001		1	29	19		1,3461		66264	892
2017	4	47001		1	29	19		0,8764		50889	446
2017	4	18001		1	29	19		0,8615		40858	352
2017	4	88001		2	29	20		0,7246		5382	39
2017	4	54001	5400101	1	30	10		0,6598		10457	69
2017	4	54001	5400108	1	30	10		0,98		15612	153
2017	4	54001	5400107	1	30	10		0,6971		11906	83
2017	4	54001	5400103	1	30	10		1,1924		5451	65
2017	4	54001	5400105	1	30	10		1,0391		5197	54
2017	4	8001	800104	1	30	10		0,4977		24313	121
2017	4	8001	800105	1	30	10		0,9782		5009	49
2017	4	8001	800103	1	30	10		1,0206		17342	177
2017	4	8001	800102	1	30	10		1,4018		16835	236



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## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO INT_USU
2017	4	8001	800101	1	30	10		1,0637		20683	220
2017	4	15001		1	30	10		0,7918		26269	208
2017	4	54001	5400104	1	30	10		0,692		5058	35
2017	4	54001		1	30	10		0,9928		89748	891
2017	4	8001		1	30	10		0,9668		86164	833
2017	4	54001	5400109	1	30	10		1,1581		8376	97
2017	4	54001	5400102	1	30	10		0,9306		4943	46
2017	4	54001	5400110	1	30	10		1,281		4918	63
2017	4	54001	5400106	1	30	10		0,8512		12336	105
2017	4	85001		1	30	18		1,4514		38446	558
2017	4	15759		1	30		18	0,8111		26260	213
2017	4	15572		1	30		18	1,3423		12590	169
2017	4	85410		1	30		18	1,242		4509	56
2017	4	15491		1	30		18	1,6745		2329	39
2017	4	15238		1	30		18	0,9369		21454	201
2017	4	5318		1	30		19	1,0754		9857	106
2017	4	25290		1	30		19	1,6106		23283	375
2017	4	20011		1	30		19	1,3827		12801	177
2017	4	44430		1	30		19	1,0945		21836	239
2017	4	68276		1	30		19	1,1346		18862	214
2017	4	54405		1	30		19	0,7635		8906	68
2017	4	25754		1	30		19	1,2128		71239	864
2017	4	68307		1	30		19	1,443		15731	227
2017	4	25817		1	30		19	0,9114		7900	72
2017	4	5380		1	30		19	0,9054		6958	63
2017	4	5607		1	30		19	3,49		2808	98
2017	4	73001	7300106	1	30	19		0,7218		3602	26
2017	4	50001	5000106	1	30	19		0,6564		3047	20
2017	4	50001	5000107	1	30	19		1,0073		9530	96
2017	4	50001	5000108	1	30	19		0,8276		7371	61
2017	4	73001	7300101	1	30	19		0,8342		5514	46
2017	4	50001	5000102	1	30	19		1,3155		5017	66
2017	4	50001	5000103	1	30	19		0,63		7302	46
2017	4	50001	5000104	1	30	19		0,9414		10410	98
2017	4	50001	5000105	1	30	19		0,8961		17408	156
2017	4	5631		1	30		19	1,7213		3079	53
2017	4	68679		1	30		19	0,8484		6483	55
2017	4	25214		1	30		19	1,3091		3361	44
2017	4	50001	5000101	1	30	19		1,8499		5622	104
2017	4	68081		1	30		19	1,3355		27331	365
2017	4	25430		1	30		19	1,0587		17758	188
2017	4	76111		1	30		19	1,2948		7260	94
2017	4	5045		1	30		19	0,5512		23585	130
2017	4	5360		1	30		19	1,5291		17527	268
2017	4	25758		1	30		19	1,3192		3866	51
2017	4	25307		1	30		19	1,3473		16106	217
2017	4	25377		1	30		19	1,4349		5645	81
2017	4	25175		1	30		19	1,2081		17300	209
2017	4	54874		1	30		19	1,4119		8924	126
2017	4	50568		1	30		19	1,8584		6834	127
2017	4	25473		1	30		19	1,3814		12234	169
2017	4	52356		1	30		19	1,065		10986	117
2017	4	5308		1	30		19	1,3109		6484	85
2017	4	8573		1	30		19	0,6843		4530	31
2017	4	5615		1	30		19	1,3237		23495	311
2017	4	5129		1	30		19	1,3124		9982	131
2017	4	50006		1	30		19	1,3006		19299	251
2017	4	25286		1	30		19	1,4757		15383	227
2017	4	5088		1	30		19	1,5697		37396	587
2017	4	5837		1	30		19	1,7112		28576	489
2017	4	25799		1	30		19	1,2813		4839	62
2017	4	76364		1	30		19	1,5339		16233	249
2017	4	73268		1	30		19	1,0703		14388	154
2017	4	5376		1	30		19	0,8079		13368	108
2017	4	44847		1	30		19	1,1402		24031	274
2017	4	76520		1	30		19	1,912		22228	425
2017	4	76892		1	30		19	1,354		9823	133
2017	4	5212		1	30		19	1,4729		6314	93
2017	4	76130		1	30		19	1,3514		11766	159
2017	4	68547		1	30		19	1,4555		17108	249
2017	4	41551		1	30		19	1,278		35447	453
2017	4	76147		1	30		19	0,8435		14227	120
2017	4	8758		1	30		19	1,0795		40667	439
2017	4	76834		1	30		19	1,4367		12459	179
2017	4	76109		1	30		19	1,0252		29653	304
2017	4	52835		1	30		19	1,3996		23721	332
2017	4	73449		1	30		19	1,5241		10039	153
2017	4	25899		1	30		19	1,4659		17600	258
2017	4	20400		1	30		19	1,4282		8402	120



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## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC. LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM. TERM NO INT. USU
2017	4	54498		1	30		19	0,8661		19050	165
2017	4	25269		1	30		19	1,3996		19863	278
2017	4	44560		1	30		19	1,419		6836	97
2017	4	66170		1	30		19	0,7039		17049	120
2017	4	25126		1	30		19	1,5929		11928	190
2017	4	5266		1	30		19	1,4257		7856	112
2017	4	17380		1	30		19	0,811		13564	110
2017	4	11001	1100119	1	30	19		1,3786		68546	945
2017	4	11001	1100117	1	30	19		1,6694		3055	51
2017	4	11001	1100106	1	30	19		1,0252		22533	231
2017	4	11001	1100113	1	30	19		1,1208		10171	114
2017	4	11001	1100118	1	30	19		1,7153		39586	679
2017	4	11001	1100109	1	30	19		0,9008		31860	287
2017	4	11001	1100114	1	30	19		0,9554		9420	90
2017	4	11001	1100103	1	30	19		0,8984		12467	112
2017	4	11001	1100102	1	30	19		1,0828		10436	113
2017	4	11001	1100105	1	30	19		0,9742		40443	394
2017	4	11001	1100108	1	30	19		1,4169		98877	1401
2017	4	11001	1100101	1	30	19		1,1316		34375	389
2017	4	11001	1100110	1	30	19		0,9727		68880	670
2017	4	68001	6800108	1	30	19		0,7487		935	7
2017	4	68001	6800116	1	30	19		0,9537		1468	14
2017	4	68001	6800112	1	30	19		0,6315		1742	11
2017	4	11001	1100107	1	30	19		0,8629		78456	677
2017	4	11001	1100111	1	30	19		1,2143		90504	1099
2017	4	68001	6800107	1	30	19		0,7075		848	6
2017	4	68001	6800106	1	30	19		0,6369		2041	13
2017	4	68001	6800105	1	30	19		2,5554		4148	106
2017	4	68001	6800103	1	30	19		1,36		4853	66
2017	4	68001	6800115	1	30	19		1,8226		823	15
2017	4	68001	6800113	1	30	19		0,6329		3950	25
2017	4	68001	6800110	1	30	19		1,004		2490	25
2017	4	68001	6800104	1	30	19		1,3579		2062	28
2017	4	68001	6800111	1	30	19		1,5474		1551	24
2017	4	68001	6800117	1	30	19		1,4768		1896	28
2017	4	68001	6800101	1	30	19		0,6073		4281	26
2017	4	5001	500111	1	30	19		1,6236		5297	86
2017	4	5001	500109	1	30	19		1,5283		9357	143
2017	4	5001	500110	1	30	19		0,9611		13214	127
2017	4	5001	500108	1	30	19		1,2803		13903	178
2017	4	5001	500106	1	30	19		1,3591		11552	157
2017	4	5001	500114	1	30	19		1,365		4249	58
2017	4	5001	500112	1	30	19		2,1487		3444	74
2017	4	5001	500113	1	30	19		1,2888		10475	135
2017	4	5001	500102	1	30	19		1,2477		14747	184
2017	4	5001	500107	1	30	19		1,4104		21484	303
2017	4	5001	500104	1	30	19		1,5172		14632	222
2017	4	5001	500105	1	30	19		1,7093		13339	228
2017	4	5001	500115	1	30	19		0,9611		4890	47
2017	4	5001	500103	1	30	19		1,0314		14156	146
2017	4	13001	1300103	1	30	19		1,0294		41092	423
2017	4	13001	1300101	1	30	19		0,9059		34329	311
2017	4	5001	500116	1	30	19		0,8411		9749	82
2017	4	5001	500101	1	30	19		0,9552		11725	112
2017	4	73001	7300111	1	30	19		0,3657		2461	9
2017	4	73001	7300112	1	30	19		0,814		2457	20
2017	4	73001	7300113	1	30	19		0,5944		2692	16
2017	4	13001	1300102	1	30	19		0,8921		42598	380
2017	4	73001	7300107	1	30	19		1,2521		7028	88
2017	4	73001	7300108	1	30	19		0,9952		7536	75
2017	4	73001	7300109	1	30	19		2,1758		7859	171
2017	4	73001	7300110	1	30	19		0,6076		4773	29
2017	4	73001	7300102	1	30	19		0,4554		1098	5
2017	4	73001	7300103	1	30	19		0,6431		2177	14
2017	4	73001	7300104	1	30	19		1,09		3578	39
2017	4	73001	7300105	1	30	19		0,7457		3755	28
2017	4	44001		1	30	19		1,3676		23398	320
2017	4	41001		1	30	19		1,0864		46575	506
2017	4	47001		1	30	19		0,9382		42207	396
2017	4	95001		2	30	19		0,6747		8893	60
2017	4	76001		1	30	19		1,1613		121933	1416
2017	4	11001		1	30	19		1,1766	0,6297	710771	8363
2017	4	20001		1	30	19		1,2436		60871	757
2017	4	23001		1	30	19		1,2374		99479	1231
2017	4	70001		1	30	19		1,4873		45047	670
2017	4	5001		1	30	19		1,347		189973	2559
2017	4	18001		1	30	19		1,0853		35657	387
2017	4	13001		1	30	19		0,9439		118019	1114
2017	4	86001		2	30	19		1,6321		12622	206



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## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL DEPTO	HORA MEDICION RESTO DEPTO	PORC. LLAMADAS CAIDAS 2G	PORC LLAMADAS CAIDAS 2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	50001		1	30	19		1,2309		88795	1093
2017	4	68001		1	30	19		1,2082		34266	414
2017	4	19001		1	30	19		0,8842		55759	493
2017	4	27001		2	30	19		1,1181		37115	415
2017	4	66001		1	30	19		1,2549		42791	537
2017	4	52001		1	30	19		1,2047		51383	619
2017	4	73001		1	30	19		1,1089		65022	721
2017	4	17001		1	30	19		0,9607		36430	350
2017	4	63001		1	30	19		0,6273		25823	162
2017	4	81001		1	30	19		0,9546		19380	185
2017	4	76001	7600122	1	30	19		2,0586		1263	26
2017	4	76001	7600118	1	30	19		0,8327		8166	68
2017	4	76001	7600119	1	30	19		1,1772		7900	93
2017	4	76001	7600120	1	30	19		0,6315		2217	14
2017	4	76001	7600121	1	30	19		1,5656		5110	80
2017	4	76001	7600113	1	30	19		1,2143		9553	116
2017	4	76001	7600114	1	30	19		1,6422		12057	198
2017	4	76001	7600115	1	30	19		1,727		6543	113
2017	4	76001	7600116	1	30	19		1,6597		7652	127
2017	4	76001	7600117	1	30	19		1,2105		5948	72
2017	4	76001	7600109	1	30	19		0,8137		2458	20
2017	4	76001	7600110	1	30	19		0,7959		4649	37
2017	4	76001	7600111	1	30	19		1,5762		5456	86
2017	4	76001	7600112	1	30	19		1,1173		1432	16
2017	4	76001	7600105	1	30	19		0,6001		4499	27
2017	4	76001	7600106	1	30	19		0,5951		5713	34
2017	4	76001	7600107	1	30	19		0,7477		4146	31
2017	4	76001	7600108	1	30	19		1,0303		4659	48
2017	4	76001	7600101	1	30	19		0,7016		3278	23
2017	4	76001	7600102	1	30	19		0,9096		7366	67
2017	4	76001	7600103	1	30	19		0,5646		2834	16
2017	4	76001	7600104	1	30	19		0,2262		3094	7
2017	4	11001	1100116	1	30	19		1,2199		21477	262
2017	4	11001	1100104	1	30	19		1,5549		45727	711
2017	4	11001	1100115	1	30	19		0,7022		9399	66
2017	4	11001	1100112	1	30	19		0,4945		14559	72
2017	4	88001		2	30	20		0,4899		4899	24
2017	4	99001		2	30	19			1,2767		
2017	4	11001	1100120	1	17	18			0,7156		
2017	4	97001		2	25	18			1,2785		
2017	4	91001		2	29	18			2,6244		
2017	4	94001		2	14	18			0,5903		
2017	4	99001		2	10	18			1,1714		
2017	4	99001		2	18	19			2,2984		
2017	4	11001	1100120	1	10	10			0,7968		
2017	4	97001		2	18	18			1,0485		
2017	4	11001	1100120	1	16	19			0,8323		
2017	4	97001		2	17	19			0,8422		
2017	4	11001	1100120	1	28	9			0,375		
2017	4	94001		2	21	19			0,5477		
2017	4	91001		2	25	18			3,3111		
2017	4	99001		2	23	19			1,3696		
2017	4	99001		2	12	19			1,1737		
2017	4	11001	1100120	1	5	10			0,5848		
2017	4	99001		2	19	18			1,4282		
2017	4	97001		2	20	19			1,4723		
2017	4	91001		2	24	18			2,9048		
2017	4	97001		2	3	19			1,94		
2017	4	91001		2	5	18			3,182		
2017	4	97001		2	12	19			1,2782		
2017	4	91001		2	30	19			2,6778		
2017	4	11001	1100120	1	26	11			0,591		
2017	4	94001		2	4	19			0,4524		
2017	4	91001		2	7	18			3,1552		
2017	4	94001		2	9	19			0,9289		
2017	4	11001	1100120	1	11	10			0,7716		
2017	4	99001		2	15	19			1,0665		
2017	4	99001		2	29	19			1,1009		
2017	4	11001	1100120	1	30	19			0,6297		
2017	4	11001	1100120	1	22	10			0,7452		
2017	4	97001		2	9	18			1,2883		
2017	4	97001		2	7	18			0,7472		
2017	4	97001		2	28	19			1,5241		
2017	4	91001		2	28	18			2,7099		
2017	4	91001		2	6	19			3,1301		
2017	4	94001		2	7	18			0,4949		
2017	4	11001	1100120	1	18	13			0,2299		
2017	4	94001		2	11	18			0,7788		
2017	4	94001		2	18	18			1,1146		



## INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

## LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID MUNICIPIO	ID DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA MEDICION CAPITAL_DEPTO	HORA MEDICION RESTO_DEPTO	PORC. LLAMADAS CAIDAS_2G	PORC LLAMADAS CAIDAS_2G_EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	97001		2	26	18			1,0558		
2017	4	94001		2	3	19			0,5788		
2017	4	94001		2	23	18			0,5365		
2017	4	97001		2	16	19			1,2971		
2017	4	99001		2	17	19			1,4383		
2017	4	91001		2	22	18			2,9813		
2017	4	99001		2	2	20			1,0199		
2017	4	94001		2	17	18			0,6181		
2017	4	11001	1100120	1	24	10			0,684		
2017	4	91001		2	26	18			3,2613		
2017	4	11001	1100120	1	21	17			0,4329		
2017	4	99001		2	8	19			1,3732		
2017	4	97001		2	6	20			1,7509		
2017	4	97001		2	30	19			1,4504		
2017	4	11001	1100120	1	7	10			1,3105		
2017	4	97001		2	22	19			0,9942		
2017	4	97001		2	19	19			0,987		
2017	4	11001	1100120	1	25	10			0,5115		
2017	4	99001		2	13	19			0,9272		
2017	4	94001		2	26	18			0,5572		
2017	4	91001		2	17	18			3,3499		
2017	4	99001		2	4	19			1,2842		
2017	4	11001	1100120	1	2	19			1,2097		
2017	4	94001		2	13	19			0,7094		
2017	4	11001	1100120	1	9	19			2,0631		
2017	4	94001		2	1	19			0,6726		
2017	4	94001		2	8	19			0,5781		
2017	4	94001		2	19	19			0,6688		
2017	4	99001		2	7	18			1,6063		
2017	4	91001		2	3	18			2,9124		
2017	4	97001		2	24	19			1,535		
2017	4	99001		2	27	19			1,4457		
2017	4	91001		2	13	18			3,3171		
2017	4	99001		2	3	19			1,2195		
2017	4	97001		2	29	18			1,3797		
2017	4	94001		2	29	18			0,6731		
2017	4	99001		2	5	19			1,104		
2017	4	94001		2	28	18			0,7933		
2017	4	91001		2	2	19			2,7869		
2017	4	94001		2	12	19			0,6037		
2017	4	91001		2	12	18			2,8876		
2017	4	99001		2	21	18			1,1575		
2017	4	94001		2	2	19			0,6063		
2017	4	11001	1100120	1	1	10			1,2645		
2017	4	91001		2	20	18			3,4634		
2017	4	11001	1100120	1	3	10			0,5482		
2017	4	91001		2	27	18			2,7803		
2017	4	94001		2	20	18			0,5928		
2017	4	99001		2	24	19			1,0978		
2017	4	94001		2	16	19			0,7577		
2017	4	99001		2	16	19			1,4933		
2017	4	91001		2	19	19			4,437		
2017	4	91001		2	9	19			3,4152		
2017	4	91001		2	1	19			3,1341		
2017	4	97001		2	21	18			1,1831		
2017	4	11001	1100120	1	6	10			0,9563		
2017	4	99001		2	22	19			1,0943		
2017	4	11001	1100120	1	23	19			0,6838		
2017	4	11001	1100120	1	29	11			0,3017		
2017	4	94001		2	30	19			0,6092		
2017	4	97001		2	8	18			1,5712		
2017	4	94001		2	10	18			0,7164		
2017	4	91001		2	21	19			2,8804		
2017	4	97001		2	23	18			1,323		
2017	4	11001	1100120	1	20	10			0,7937		
2017	4	91001		2	11	19			3,0234		
2017	4	99001		2	20	18			1,7329		
2017	4	91001		2	15	10			2,3205		
2017	4	94001		2	22	19			0,6211		
2017	4	94001		2	6	19			0,6615		
2017	4	91001		2	4	19			3,6014		
2017	4	91001		2	18	19			4,6619		
2017	4	97001		2	27	19			0,8508		
2017	4	97001		2	4	19			1,7141		
2017	4	94001		2	5	18			0,8707		
2017	4	11001	1100120	1	15	11			1,8957		
2017	4	11001	1100120	1	12	10			0,989		
2017	4	94001		2	27	19			0,6543		
2017	4	97001		2	2	19			0,5836		



INDICADORES DE CALIDAD PARA COMUNICACIONES VOZ MOVIL - ABRIL 2017

LLAMADA\_CAIDA\_DESAGREGADO\_2G

AÑO	MES	ID. MUNICIPIO	ID. DIVISION ADMINISTRAT	ID ZONA	DIA MEDICION	HORA_MEDICION CAPITAL_DEPTO	HORA_MEDICION RESTO_DEPTO	PORC_LLAMADAS CAIDAS_2G	PORC_LLAMADAS CAIDAS_2G EBTS	LLAMADAS EXITOSAS	LLAM_TERM NO_INT_USU
2017	4	99001		2	26	19			1,2882		
2017	4	94001		2	15	10			0,5956		
2017	4	11001	1100120	1	27	10			0,7067		
2017	4	99001		2	28	19			1,243		
2017	4	91001		2	10	18			3,0778		
2017	4	91001		2	14	18			3,0973		
2017	4	11001	1100120	1	19	10			0,5161		
2017	4	97001		2	10	19			1,5967		
2017	4	99001		2	25	19			1,1694		
2017	4	11001	1100120	1	4	10			0,9235		
2017	4	99001		2	6	18			1,2029		
2017	4	97001		2	1	20			1,2785		
2017	4	99001		2	14	20			1,0964		
2017	4	91001		2	8	20			3,1289		
2017	4	99001		2	1	20			1,2726		
2017	4	99001		2	9	20			1,1019		
2017	4	97001		2	15	18			0,7621		
2017	4	97001		2	5	18			0,7312		
2017	4	99001		2	11	19			1,3568		
2017	4	97001		2	11	18			1,8151		
2017	4	11001	1100120	1	14	11			1,1299		
2017	4	97001		2	13	19			1,0436		
2017	4	11001	1100120	1	8	10			0,479		
2017	4	94001		2	25	19			0,5313		
2017	4	91001		2	16	20			3,2533		
2017	4	11001	1100120	1	13	11			0,7463		
2017	4	94001		2	24	18			0,5081		
2017	4	91001		2	23	20			3,8907		
2017	4	97001		2	14	18			0,9585		